

**BEFORE THE ANDHRA PRADESH ELECTRICITY REGULATORY  
COMMISSION, HYDERABAD**

FILING NO.

CASE NO. O.P. No. **3** / 201~~8~~**9**

**IN THE MATTER**

To determine tariff for wind power project in the state of Andhra Pradesh in accordance with Section 61 (h), Section 62 (1) (a), Section 64 (1), Section 86 (1) (a), Section 86 (1) (b) and Section 86 (1) (e) of the Electricity Act, 2003 read with the Central Electricity Regulatory Commission (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2017 and Section 21 of the Andhra Pradesh Electricity Reform Act, 1998.

**AND**

**IN THE MATTER OF**

**Axis Wind Farms (Vajrakarur) Private Limited**

.....Petitioner

**AND**

**Southern Power Distribution Company of AP Limited**

.....Respondent

Filed on: <sup>20</sup>~~12~~ 12.2018

**Filed By:**

*Address for Service*

**INDUSLAW, ADVOCATES**

**Mr. Deepak Chowdhury  
Mr. G.P.Yash Vardhan**

**204, Ashoka Capitol, Opp: KBR Park, Banjara Hills, Hyderabad – 500 034**

**For Axis Wind Farms (Vajrakarur) Pvt Ltd.**

*JV*

Authorised Signatory



**BEFORE THE ANDHRA PRADESH ELECTRICITY REGULATORY  
COMMISSION, HYDERABAD**

FILING NO.

CASE NO. O.P. No. 3 / 2019

**IN THE MATTER OF**

**Axis Wind Farms (Vajrakarur) Private Limited**

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**AND**

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.....Respondent

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Place: Hyderabad

Date: 20.12.2018



**COUNSEL FOR THE PETITIONER**



BEFORE THE ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION,  
HYDERABAD

O.P. No. 3 OF 2019

BETWEEN:

Axis Wind Farms (Vajrakarur) Private Limited

.....Petitioner

AND

Southern Power Distribution Company of AP Limited

.....Respondents

VAKALATNAMA

I/WE, M/S. AXIS WIND FARMS (VAJRAKARUR) PRIVATE LIMITED a company incorporated under the Companies Act, 2013 HAVING ITS REGISTERED OFFICE at 2<sup>nd</sup> floor, Plot no. 3, H. No. 6-3-680/8/3, PMR Plaza, Thakur Mansion lane, Somajiguda, Hyderabad – 500 082 REP BY Mr. J Venkata Kumar S/o. Late JVS N Sastry, aged 49 years, DO HEREBY APPOINT AND RETAIN:

DEEPAK CHOWDHURY  
G.P. YASH VARDHAN  
KAUSHIK PRANAV. D  
INDUSLAW, ADVOCATES

to appear for me/us in the above complaint case/suit/appeal/petition, case and to conduct and prosecute and defend the same and all proceedings that may be taken in respect of the complaint case. I/We, empower my/our advocate/s to appear in all miscellaneous proceedings in the above case or matter till all decrees or order are fully satisfied, or adjusted to compromise and obtain the return of documents and draw any money that might be payable to me/us in the said complaint case or matter and I/We do further empower my/our advocate/s to accept on my/our behalf service of notice of all or any appeal or petition filed in any court or appeal reference or revision with regard to the said suit or before disposal of the same in this Hon'ble High Court.

**For Axis Wind Farms (Vajrakarur) Pvt Ltd,**

  
**Authorised Signatory**

Certified that the executant's who is well acquainted with English, read this Vakalatnama that the contents of this Vakalatnama were read out and explained in Urdu/Hindi/Telugu to the executants he/she/they being un acquainted with English, who appeared perfectly to understand the same and signed or put his/her/there name or mark in my presence.

Solemnly affirmed and signed before me on this the \_\_\_\_ day of September, 2018 at Hyderabad.

Advocate

BEFORE THE ANDHRA PRADESH  
ELECTRICITY REGULATORY COMMISSION,  
HYDERABAD

FILING NO.

CASE NO. O.P. No. 3 / 2019

IN THE MATTER

To determine tariff for wind power project in the state of Andhra Pradesh in accordance with Section 61 (h), Section 62 (1) (a), Section 64 (1) and Section 86 (1) (a) of the Electricity Act, 2003 read with the Central Electricity Regulatory Commission (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2017.

AND

IN THE MATTER OF

M/S Axis Wind Farms (Vajrakarur) Private Limited

.....Petitioner  
AND

Southern Power Distribution Company of AP Limited

.....Respondent

VAKALAT

Filed on: .09.2018

Filed By: Counsel for the Petitioner  
Address for Service  
INDUSLAW, ADVOCATES  
Mr. Deepak Chowdhury  
G. P. Yash Vardhan  
204, Ashoka Capitol, Opp: KBR Park,  
Banjara Hills, Hyderabad – 500 034

**BEFORE THE ANDHRA PRADESH ELECTRICITY  
REGULATORY COMMISSION, HYDERABAD**

FILING NO.

CASE NO. O.P. No. **3** / 201**9**

**IN THE MATTER**

To determine tariff for wind power project in the state of Andhra Pradesh in accordance with Section 61 (h), Section 62 (1) (a), Section 64 (1), Section 86 (1) (a), Section 86 (1) (b) and Section 86 (1) (e) of the Electricity Act, 2003 read with the Central Electricity Regulatory Commission (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2017 and Section 21 of the Andhra Pradesh Electricity Reform Act, 1998.

**AND**

**IN THE MATTER OF**

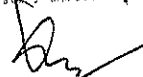
**Axis Wind Farms (Vajrakarur) Private Limited**, a company incorporated under the provisions of the Companies Act, 1956 having its office at the 2<sup>nd</sup> floor, Plot no. 3, H. No. 6-3-680/8/3, PMR Plaza, Thakur Mansion lane, Somajiguda, Hyderabad – 500 082.

.....**Petitioner**

**AND**

**Southern Power Distribution Company of AP Limited**, having its office at 19-13-65/A, Raghavendra Nagar, Kesavayana Gunta, Tiruchanoor Road, Tirupati – 517 501.

.....**Respondents** **1**  
For Axis Wind Farms (Vajrakarur) Private Ltd.



**The Petitioner most respectfully submits as follows:**

**Facts of the Petition:**

1. The Petitioner is incorporated under the Companies Act, 1956 having its registered office at Hyderabad as detailed in the cause title above. The Petitioner is a corporate entity engaged in the construction of a wind energy project of 50.4 MW capacity around Pottipadu village, in Anantapur district (“**Project**”), Andhra Pradesh. Copies of (a) Certificate of Incorporation, (b) Memorandum and Articles of Association and (c) Letter of Authority to represent the Petitioner Company before the Hon’ble Commission have been attached as **Annexure 1, Annexure 2 and Annexure 3** respectively.
2. The Government of India (“GOI”) submitted India’s Intended Nationally Determined Contribution (INDC) to the United Nations Framework Convention on Climate Change (UNFCCC) during the 21st Conference of Parties (COP 21) summit held in Paris, France, in October 2015, to mitigate climate change, under which it pledged to reduce the emission intensity of its Gross Domestic Product (GDP) by 33%-35% by 2030 from 2005 level and also committed to increase the share of renewable energy to 40% of total installed capacity by 2030. India has since set a target to achieve 175 GW RE power projects by 2022. Government of India as part of its goal to achieve green energy commitment has emphasized on increasing the development of renewable energy projects and enhancement of the capacities of power production through renewable sources. This has also led to various states with high resources and possibilities of renewable energy power production, such as the state of Andhra Pradesh, to promote the establishment of renewable energy projects. The National Institute of Wind Energy (NIWE) has assessed the potential of the state of Andhra Pradesh in wind power projects to be over 14,000 MW at 80 meter level with maximum potential identified in the districts of Ananthapuram, Kadapa, Kurnool, Chittoor and Nellore. Government of Andhra Pradesh (“GoAP”), in order to promote the development of Wind Power Projects in the state issued Wind Power Policy 2015 with the following objectives:

**For Axis Wind Farms (Vajrakarur) Pvt Ltd,**



**Authorised Signatory**

*“1. To encourage, develop and promote wind power generation in the State with a view to meet the growing demand for power in an environmentally and economically sustainable manner.*

*2. To attract private investment to the State for the establishment of large wind power projects.*

*3. To promote investments for setting up manufacturing facilities in the State, which can generate gainful local employment.”*

GoAP in order to promote setting up of manufacturing facilities also issued the Andhra Pradesh Industrial Policy 2015-2020.

3. Suzlon Energy Limited (“Suzlon”) along with its associates is in the business of design ,manufacturing and supply of Wind Operated Electricity Generator (WOGG / WTG) and developing wind and solar power projects through engineering, procurement and supply model for various independent power producers across India and has about 14 manufacturing facilities spread across India and America. Suzlon through its associate companies has built and consolidated its presence in 19 countries and installed over 17,000 MW of wind power projects globally. Suzlon while participating in the first renewable energy global investors meet RE-INVEST, 2015 held on February 15, 2015, had given a commitment to the Honourable Prime Minister of India, in the presence of Honourable Minister for New and Renewable Energy, Power and Coal of India, to develop 11,000 MW of new wind capacity and develop new manufacturing facilities over a period of 5 years. Suzlon, in pursuance to the said commitment, initially signed memorandum of understanding (MoU) dated February 15, 2015 at New Delhi with the GoAP for setting up of manufacturing facility for blades and wind power projects for an aggregate capacity of 600 MW per annum in the state of Andhra Pradesh. Subsequently, Suzlon also signed another MoU dated April 29, 2015 with the Industries Department, GoAP on the eve of the launch of Andhra Pradesh Industry Mission, 2015 and Industrial Policy 2015-20 at Vishakapatnam, for setting up of integrated manufacturing facility for manufacture of wind turbines in the state of Andhra Pradesh. Both the MoUs dated February 15, 2015 and

**For Axis Wind Farms (Vajrakarur) Pvt Ltd.**

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April 29, 2015 were executed in presence of Honourable Chief Minister of Andhra Pradesh.

4. Axis Energy Ventures India Private Limited ("AEVIPL"), which is in the business of developing Renewable Energy Projects, in particular Wind and Solar, had presented the "Green Energy Commitment" to the Honourable Prime Minister of India during the First Renewable Energy Global Investors Meet (RE-INVEST), 2015 on February 15, 2015 at New Delhi. AEVIPL gave a commitment to develop 12,500 MW of Renewable Energy Projects comprising of 7,000 MW in wind and 5,500 MW in solar projects. AEVIPL, based on the commitment in RE-INVEST 2015, has committed to develop 4,000 MW wind power projects (for which, AEVIPL has also entered into an MoU related to setting up 28 Wind Monitoring Stations for Wind Resource Assessment studies with NREDCAP/NIWE ("Axis MoU")) and 2500 MW solar power projects in the State of Andhra Pradesh and entered into Memorandum of Understanding with the Government of Andhra Pradesh in the presence of the Honourable Chief Minister of Andhra Pradesh on February 15, 2015 ("GoAP MoU"). In terms of the GoAP MoU, Government of Andhra Pradesh has given undertaking to facilitate AEVIPL to obtain approvals/permissions/clearances etc. from concerned departments as per rules/policies/regulations prevailing.
5. In view of the common objectives and intention of developing renewable energy projects, both Suzlon and AEVIPL discussed and agreed to collaborate and jointly develop the Renewable Energy Projects in the state of Andhra Pradesh and accordingly on September 03, 2015 a proposal was submitted to GoAP for development of 4000 MW of renewable energy projects in Andhra Pradesh along with manufacturing facilities. GoAP, after considering the proposal with the concerned authority, approved the same and has issued government order G.O.Ms No. 15 dated November 27, 2015 ("GO"). In pursuance of the said GO, Suzlon and AEVIPL with the common objective to jointly developing 4000 MW executed a tripartite Memorandum of Understanding dated December 04, 2015 ("MoU") between Suzlon, AEVIPL and GoAP. As per the MoU, Suzlon and AEVIPL have agreed to jointly participate in developing renewable energy projects (comprising of wind

For Axis Wind Farms (Vajrakarur) Pvt. Ltd.

  
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power projects (3000 MW) and wind-solar hybrid power projects (1000 MW)) for an aggregate capacity of about 4000 MW ("Renewable Energy Projects") and Suzlon shall additionally develop facilities for manufacturing blade, tower, nacelle/ generator at multiple locations such as Ananthapuram and Nellore districts or such other districts identified subsequently. In terms of the MoU, Suzlon along with AEVIPL entered into a Project Implementation Agreement (PIA) with GoAP on 11th January 2016, Project Agreement with NREDCAP on 3rd February 2016 and Project Implementation Agreement with APTRANSCO, Andhra Pradesh Southern Power Distribution Company Limited and Andhra Pradesh Eastern Power Distribution Company Limited (last two entities are jointly referred as APDISCOMS) on 3rd October 2016. Copies of the MOU, PIA with the GOAP, Project Agreement, PIA with the AP Discom is attached as **Annexure 4, Annexure 5, Annexure 6 and Annexure .7 respectively**

6. As per the PIA referred above, GoAP agreed to cause the APDISCOMS to procure the entire capacity of power generated from the renewable energy projects developed under the PIA. Clause 3.7 of the PIA has been reproduced below for ready reference:

*"3.7 Execution of Power Purchase Agreement*

*GoAP shall cause the power distribution companies of Andhra Pradesh to execute confirmed and guaranteed Power Purchase Agreements in the format attached as Annexure 2 and purchase the entire capacity of power generated from the Renewable Energy Projects on take or pay basis at tariff determined by the Andhra Pradesh Electricity Regulatory Commission under Section 61 (h) of Electricity Act, 2003 and the terms of PPA approved by Commission."*

Further, as per the PIA, GoAP agreed to extend all benefits available to the renewable energy projects under the Wind Power Policy 2015, Solar Power Policy, 2015 and the Andhra Pradesh Industrial Policy of 2015-2020. Clause 3.5 of the PIA has been reproduced below for ready reference:

*"3.5 Benefits under renewable and industrial policies*

**For Axis Wind Farms (Vajrakarur) Pvt Ltd.**



*In relation to the development of the Renewable Energy Projects, GoAP agrees to extend benefits available under the Wind Power Policy 2015, Solar Power Policy, 2015 and the Andhra Pradesh Industrial Policy of 2015-2020.....”*

7. As per the Project Implementation Agreement dated 3<sup>rd</sup> October 2016, the APDISCOMS (including the Respondent herein) agreed to execute power purchase agreements for all the renewable energy projects being set up under the PIA. Clause 4 of the said Project Implementation Agreement dated 3<sup>rd</sup> October 2016 is reproduced below for ready reference.

*“Clause 4 Execution of Power Purchase Agreement*

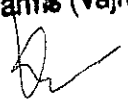
*4.1 First Party agrees to execute power purchase agreements with the third party in the format attached as Annexure 9 and as may be approved by APERC and purchase the entire capacity of the power generated from the Renewable Energy Projects at tariff determined by the Andhra Pradesh Electricity Regulatory Commission in accordance with Section 61, Section 62, Section 86 of Electricity Act, 2003 and any regulations made there under. The terms of the PPA will be as approved by the commission from time to time.*

*Provided that finalization of capacity for entering into PPA by First Party with Third Party from time to time shall be on the NREDCAP prioritization, duly considering the balance targeted RPO and the Policies of GoAP, and the project capacity as per the Annexure 10.*

*4.2 The Second Party hereby confirm and agrees to evacuate power produced from the Renewable Energy Projects. The power generated from the Renewable Energy Projects shall be provided with adequate power evacuation facilities by the Second Party for evacuation of power from the Interconnecting Point of Renewable Energy projects as per the procedure in vogue and in compliance of APERC orders.*

*4.3 Out of this 4000 MWs of Renewable Energy Projects, 2800 MWs will be evacuated through existing grid infrastructure and/or green energy corridor which is created/to be created by Second Party for evacuating Wind/Solar*

**For Axis Wind Farms (Vajrakanur) Pvt Ltd.**

  
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*power projects and for remaining 1200 MWs of Renewable Energy Projects power evacuation infrastructure will be taken up by the Third Party through PPP model on behalf of the Second Party. The Second Party will constitute a committee along with the Third party and work out the modalities and guidelines for finalization of PPP model.”*

8. AEVIPL has incorporated various special purpose companies for setting up the renewable energy projects committed under the Project Implementation Agreement (PIA) with GoAP on 11th January 2016. The Petitioner is one such special purpose company incorporated by AEVIPL. The Project was accorded approval by the New and Renewable Energy Development Corporation of Andhra Pradesh in its proceedings no. NREDCAP/WE/AXIS/Vajrakarur/2011, dated 24.09.2011 and proceedings no. NREDCAP/WE/AXIS/Vajrakarur/2017, dated 16.09.2017. Based on the said proceedings the Petitioner entered into agreement with NREDCAP on 24.09.2011. Copies of the proceedings and the above mentioned agreements with NREDCAP are attached as **Annexure 8**.
9. As per the agreements stated in para 5 above, the Respondent and the Petitioner have executed a power purchase agreement dated 27<sup>th</sup> September 2017 (“PPA”) with respect to the Project, which is attached herewith as **Annexure 9**. In terms of the PPA, the power sold was to be billed as per the tariff determined by this Hon’ble Commission in accordance with Section 61, 62 and 86 of the Electricity Act, 2003 and the regulations made thereunder without accelerated depreciation. Clause 2.2 is reproduced below for ready reference.

*“2.2 The Wind Power Producer shall be paid tariff for energy delivered at the interconnection point of sale to the DISCOM, which shall be at the tariff rate as determined by APERC in accordance with Section 61, 62 and 86 of the Electricity Act, 2003 and any Regulation made thereunder without considering Accelerated Depreciation for a period of 25 years from the Commercial Operation Date.”*

Section 61 of the Electricity Act, 2003 (the “Act”) requires this Hon’ble Commission to specify terms and conditions for determination of tariff for

For Axis Wind Farms (Vajrakarur) Pvt Ltd.



Director

applicable to generating companies. The said provision of the Act is reproduced below for reference:

**“Section 61. (Tariff regulations):**

*The Appropriate Commission shall, subject to the provisions of this Act, specify the terms and conditions for the determination of tariff, and in doing so, shall be guided by the following, namely: -*

*(a) the principles and methodologies specified by the Central Commission for determination of the tariff applicable to generating companies and transmission licensees;*

*(b) the generation, transmission, distribution and supply of electricity are conducted on commercial principles;*

*(c) the factors which would encourage competition, efficiency, economical use of the resources, good performance and optimum investments;*

*(d) safeguarding of consumers' interest and at the same time, recovery of the cost of electricity in a reasonable manner;*

*(e) the principles rewarding efficiency in performance;*

*(f) multi year tariff principles;*

*(g) that the tariff progressively reflects the cost of supply of electricity and also, reduces cross-subsidies in the manner specified by the Appropriate Commission;*

*(h) the promotion of co-generation and generation of electricity from renewable sources of energy.*

*(i) the National Electricity Policy and tariff policy.....”*

(Emphasis supplied)

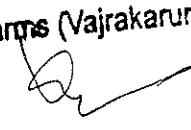
Section 62 of the Act requires this Hon'ble Commission to fix the tariff for supply of electricity by generating companies to distribution licensee. The said provision of the Electricity Act 2003 is reproduced below for ready reference:

**“Section 62. (Determination of tariff): ---**

**(1) The Appropriate Commission shall determine the tariff in accordance with the provisions of this Act for –**

**(a) supply of electricity by a generating company to a distribution licensee:**

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

  
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.....” (Emphasis supplied)

Section 64 (1) of the Act further mandates that an application for the determination of tariff under Section 62 shall be made by a generating company or licensee in such a manner and accompanied by such fee, as may be determined by regulations. Section 64 (1) of the Act is reproduced below for ready reference:

**“Section 64. (Procedure for tariff order): --- (1) An application for determination of tariff under section 62 shall be made by a generating company or licensee in such manner and accompanied by such fee, as may be determined by regulations.**

.....” (Emphasis supplied)

Further as per Section 86 (1) (a) of the Act, one of the functions of this Hon’ble Commission is to fix the tariff according to which the distribution companies shall procure power for the generating companies. As per Section 86 (1) (b) of the Act and Section 21 of the Andhra Pradesh Electricity Reform Act, 1998 consent is required to be obtained from the Hon’ble Commission prior to procurement of electricity by the APDICOMS under a power purchase agreement. Further, in terms of Section 86 (1) (e) this Hon’ble Commission shall promote cogeneration and generation of electricity from renewable sources and also sale of electricity to any person as well as specify for purchase of electricity from such sources, a percentage of consumption of electricity in the ears for the distribution licensee. The said provision of the Act is reproduced below for ready reference:

**“Section 86. (Functions of State Commission): ---**

**(1) The State Commission shall discharge the following functions, namely:**

-  
**(a) determine the tariff for generation, supply, transmission and wheeling of electricity, wholesale, bulk or retail, as the case may be, within the State:**

**Provided that where open access has been permitted to a category of consumers under section 42, the State Commission shall determine only the**

**For Axis Wind Farms (Vajrakarur) Pvt Ltd**



**Authorised Signator**

*wheeling charges and surcharge thereon, if any, for the said category of consumers;*

*(b) regulate electricity purchase and procurement process of distribution licensees including the price at which electricity shall be procured from the generating companies or licensees or from other sources through agreements for purchase of power for distribution and supply within the State;.....”*

*(e) promote co-generation and generation of electricity from renewable sources of energy by providing suitable measures for connectivity with the grid and sale of electricity to any person, and also specify, for purchase of electricity from such sources, a percentage of the total consumption of electricity in the area of a distribution licensee;.....”*

(Emphasis supplied)

As per Section 62 of the Act, this Hon'ble Commission had issued the Andhra Pradesh Electricity Regulatory Commission (Terms and Conditions for Tariff determination for Wind Power Projects) Regulations, 2015 in the official gazette of AP on 31.07.2015 (“APERC Regulations 2015”). The tariff for procurement of power generated from wind power projects until March 2017 was being determined by this Hon'ble Commission in accordance with the APERC Regulations 2015

10. On 06<sup>th</sup> March, 2017 the APDISCOMS filed a petition under section 55 (1) & (2) of APERC business regulations 2 of 1999 read with the Articles 23, 24, 25 and 26 of the APERC Regulation No. 01 of 2015 dated 31-07-2015 praying the Commission (i) to curtail the control period of the Regulation No.01 of 2015 (Terms and Conditions for Tariff Determination for Wind Power Projects in the State of Andhra Pradesh) for the period valid up to 31-03-2017; and (ii) to determine the tariff for FY2017-18 considering the emerged facts stated in the petition and market discovered price and formulating appropriate parameters, in view of the issues stated in the petition and also the precarious financial position of the petitioners (APDISCOMS), which was numbered as O.P. No. 5 of 2017. This Hon'ble Commission was pleased to curtail the control period of the APERC Regulation 2015 vide order dated 13.07.2018 in O.P. No. 05 of 2017, dated 13-07-2018. The operative part of the order passed

**For Axis Wind Farms (Vajrakarur) Pvt Ltd,**



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by this Hon'ble Commission in O.P. No. 5 of 2017 is reproduced below for ready reference:

*(a) In exercise of the powers conferred on the Commission by Section 181 of the Electricity Act, 2003, Section 54 of the Andhra Pradesh Electricity Reform Act, 1998 and clause 1 (2) of The Andhra Pradesh Electricity Regulatory Commission (Terms and Conditions for Tariff Determination for Wind Power Projects) Regulations, 2015, Regulation 1 of 2015, it is hereby declared that the Andhra Pradesh Electricity Regulatory Commission (Terms and Conditions for Tariff Determination for Wind Power Projects) Regulations, 2015, Regulation 1 of 2015 shall be deemed to have remained in force upto 31-03-2017 and shall be deemed to have ceased to be in force with effect from 01-04-2017;*

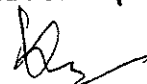
*(b) The petitioners are at liberty to procure power through a transparent process of bidding in accordance with the guidelines for tariff based competitive bidding process for procurement of power from grid connected wind power projects formulated and issued by the Ministry of Power, Government of India dated 08-12-2017 under Section 63 of the Electricity Act, 2003;*

*(c) The petitioners are also at liberty to procure power from wind power projects in accordance with Sections 61, 62, 64 and 86 (1) (b) of the Electricity Act, 2003 and Sections 21 and 26 of the Andhra Pradesh Electricity Reform Act, 1998 and rules, regulations, practice directions and orders issued there under until an appropriate regulation in that behalf is made by this Commission and any Power Purchase Agreement or tariff there under for such procurement shall be guided by the principles contained in the provisions of the Central Electricity Regulatory Commission (Terms and Conditions for Tariff Determination from Renewable Energy Sources) Regulations, 2017;*

(Emphasis supplied)

11. In light of the order passed by this Hon'ble Commission in O.P. No. 5 of 2017 and subsequent instructions issued by this Hon'ble Commission the

**For Axis Wind Farms (Vajrakarur) Pvt Ltd.**



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Respondent has amended the Power Purchase Agreement duly amending Article 2.2 therein, which has been represented below for ready reference:

*“The Wind Power Producer shall be paid tariff for energy delivered at the interconnection point for sale to DISCOM, which shall be at the tariff rate as determined by APERC in accordance with section 61, Section 62, Section 86 of Electricity Act, 2003 and the principles contained in the provisions of the Central Electricity Regulatory Commission (Terms and Conditions for Tariff Determination from Renewable Energy Sources) Regulations, 2017 and the orders of APERC, without considering Accelerated Depreciation for a period of 25 years from the Commercial Operation Date.”*

Copy of the said amendment to the power purchase agreement is attached herewith as part of **Annexure 9**.

Further, this Hon'ble Commission has directed in its order in O.P. No. 5 of 2017 that till such time an appropriate regulation is made by this Hon'ble Commission any Power Purchase Agreement or tariff for procurement of wind power shall be guided by the principles contained in the provisions of the Central Electricity Regulatory Commission (Terms and Conditions for Tariff Determination from Renewable Energy Sources) Regulations, 2017 (“**Tariff Regulations 2017**”) attached herewith as **Annexure 11**. It is pertinent to mention that the sites in the state of Andhra Pradesh that have the potential for wind power generation have low wind density. The potential of these sites can be harnessed to the fullest extent only with the use of most advanced technology and by increasing the hub height of turbines along with increasing the rotor diameter to increase the aperture area for capturing more wind. The Petitioner therefore proposes to use new and improved wind turbine generators with higher hub height of up to 140 meters so that the potential of wind power generation at a site can be maximized.

12. It may also be noted that the Eastern Power Distribution Company of Andhra Pradesh Limited and the Respondent herein filed two petitions numbered as O.P. No. 60 of 2017 and O.P.No.61 of 2017 before this Hon'ble Commission in respect of their individual Retail Supply businesses for various consumer categories for FY2018-19. These matters were placed for public hearing

For Axis Wind Farms (Vajrakarur) Pvt Ltd



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pursuant to which this Hon'ble Commission was pleased to pass a common order dated 27<sup>th</sup> March 2018. In the said order this Hon'ble Commission has approved various projections including the power purchase requirement and the power purchase cost. While approving the ARR projections, the energy availability for 2018-2019 was projected by the Eastern Power Distribution Company of Andhra Pradesh Limited and the Respondent. To arrive at the energy availability projections the capacities being developed by various special purpose companies of AEVIPL, i.e; an aggregate capacity of 762.3 MW for which power purchase agreements have already been executed, have also been taken into consideration. The Project herein forms part of the aforementioned capacity of 762.3 MW which has already been considered by this Hon'ble Commission while approving the ARR projections for FY 2018-2019.

13. It is pertinent to note that the Petitioners projects have been set up as part of the renewable energy projects committed under the Project Implementation Agreement dated 11<sup>th</sup> January 2016. This Hon'ble Commission has vide its letter dated 15<sup>th</sup> May 2018 directed to the Respondents to file petitions under Section 62 of the Act for determination of project specific tariff. The letter dated 15<sup>th</sup> May 2018 issued by this Hon'ble Commission is attached herewith as **Annexure 10**.
14. The National Institute of Wind Energy (NIWE) has assessed the potential of the State of Andhra Pradesh in wind power projects to be over 14,000 MW at 80 meter hub level with maximum potential identified in the districts of Ananthapuram, Kadapa, Kurnool, Chittoor and Nellore. However, the fact remains that the sites in the state of Andhra Pradesh with the potential of wind power generation have of low wind density. The potential of these sites can be harnessed to the fullest extent only with the use of most advanced technology and by increasing the hub height of turbines along with increasing the rotor diameter to increase the aperture area for capturing more wind. The Petitioner therefore proposes to use new wind turbine generators with advanced technology and higher hub height of upto 140 meters, which helps in the growth of wind energy sector and better utilization of capital investment through maximization of wind power generation at potential sites. The

aforementioned wind turbine generators provide a higher CUF which benefits consumers by lowering of the tariff and benefit the counter-party distribution companies in form of injection of a greater number of renewable energy units and thus faster achievement of its Renewable Purchase Obligation (RPO). As the turbines use modern technology and have higher hub height than the 100 meters level considered by the Hon'ble Central Electricity Regulatory Commission while finalizing the Tariff Regulations 2017 and hence the capital cost of these turbines works out to be higher. In line with the directions of this Hon'ble Commission in O.P. No. 05 of 2017 and the letter dated 15<sup>th</sup> May 2018 directing to file petitions under Section 62 of the Act for determination of project specific tariff the Petitioner is filing this petition as per the Tariff Regulations 2017. The Petitioner has in the following paragraphs of this Petition explained the various cost components for the Project for the consideration of this Hon'ble Commission in determining levelized tariff for the Project.

15. Regulation 7 of the Tariff Regulations, 2017, provides that for wind energy projects, no annual generic tariff shall be determined but only project specific tariff, on case-to-case basis, shall be determined. The said regulation is stated below for ease of reference:

*7. Project Specific tariff*

*a) Project specific tariff, on case to case basis, shall be determined by the Commission for the following types of projects:*

*i. Solar PV and Solar Thermal;*

*ii. Wind Energy (including on-shore and off-shore);*

*iii. Biomass Gasifier based projects; if a project developer opts for project specific tariff;*

*iv. Biogas based projects; if a project developer opts for project specific tariff;*

*v. Municipal Solid Waste and Refuse Derived Fuel based projects with Rankine cycle technology;*

**For Axis Wind Farms (Vajrakarur) Pvt Ltd.**



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- vi. *Hybrid Solar Thermal Power Projects;*
- vii. *Other hybrid projects include renewable–renewable or renewable–conventional sources, for which renewable technology is approved by MNRE;*
- viii. *Any other new renewable energy technologies approved by MNRE.*
- b) *Determination of Project specific tariff for generation of electricity from such renewable energy sources shall be in accordance with such terms and conditions as stipulated under relevant Orders of the Commission.*
- c) *No annual generic tariff shall be determined for the technologies mentioned in Clause (a) of this Regulation. Financial and Operational norms as may be specified would be the ceiling norms while determining the project specific tariff. Provided that the financial norms as specified under Chapter-2 of these Regulations, except for capital cost, shall be ceiling norms while determining the project specific tariff.*
16. In accordance with the directions of this Hon'ble Commission vide its letter dated 15<sup>th</sup> May, 2018, order of the Hon'ble Commission in O.P. No. 05 of 2017 and Regulation 7 of the Tariff Regulations, 2017, the Petitioner is filing this Petition before the Hon'ble Commission for determination of project specific tariff for wind based generating station of the Petitioner in the state of Andhra Pradesh, based on the cost components mentioned below. The Petitioner has explained below the various cost components and accordingly determined the tariff.

#### 16.1 Overview of the Tariff Proposal

Regulation 9 of the Tariff Regulations, 2017 provides the structure for determining the tariff for Renewable Energy projects:

##### 9. Tariff Structure:

*The tariff for wind power projects shall be single part tariff consisting of the following cost components:*

- a) *Return on equity;*

**For Axis Wind Farms (Vajrakarur) Pvt Ltd.**



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- b) *Interest on loan capital;*
- c) *Depreciation;*
- d) *Interest on working capital;*
- e) *Operation and Maintenance expenses;*

Accordingly, the Petitioner in this petition has determined the Project tariff based on the tariff structure specified. The description of each of the cost component comprising the tariff is provided in the subsequent sections.

## 16.2 Tariff period

Regulation 2 (1) (bb) and Regulation 6 of the Tariff Regulations, 2017 define the tariff period as follows:

*bb) 'Tariff period' means the period for which tariff is to be determined by the Commission on the basis of norms specified under these Regulations;*

### 6. Tariff Period:

*a) The Tariff Period for Renewable Energy power projects will be same as their Useful Life as defined in Regulation 2 (1) (cc)*

*b) Tariff period under these Regulations shall be considered from the date of commercial operation of the renewable energy generating stations.*

*c) Tariff determined as per these Regulations shall be applicable for Renewable Energy power projects, for the duration of the Tariff Period as stipulated under Clause (a) and (b).*

Regulation 2 (1) (cc) of the Tariff Regulations, 2017 defines useful life as follows:

**For Axis Wind Farms (Vajrakarur) Pvt. Ltd.**

  
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cc) 'Useful Life' in relation to a unit of a generating station including evacuation system shall mean the following duration from the date of commercial operation (COD) of such generation facility, namely:-

(a) Wind energy power project 25 years

### 16.3 Applicability of the Tariff determined under these proceedings

Regulation 2(1)(i) and Regulation 5 of the Tariff Regulations, 2017 define control period as follows:

(i) '**Control Period or Review Period**' means the period during which the norms for determination of tariff specified in these regulations shall remain valid;

#### 5. Control Period or Review period:

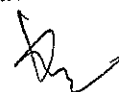
The Control Period or Review Period under these Regulations shall be of three (3) years, of which the first year shall be the financial year 2017-18.

Provided further that the tariff determined as per these Regulations for the RE projects commissioned during the Control Period, shall continue to be applicable for the entire duration of the Tariff Period as specified in Regulation 6 below.

Provided also that the revision in Regulations for next Control Period shall be undertaken six months prior to the end of the first Control Period and in case Regulations for the next Control Period are not notified until commencement of next Control Period, the tariff norms as per these Regulations shall continue to remain applicable until notification of the revised Regulations subject to adjustments as per revised Regulations.

Thus, the tariff determined under current proceedings by the Hon'ble Commission shall remain applicable for the entire tariff period i.e. upto the last day of Useful Life of the Project.

**For Axis Wind Farms (Vajrakarur) Pvt Ltd.**



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#### 16.4 Project configuration and technology:

The Project is located near Pottipadu village, Anantapur district in the state of Andhra Pradesh. It has a total installed capacity of 50.4 MW, comprising of 24 wind turbines of 2.1 MW each. The turbines are proposed to be installed at hub height of upto 140 meters in order to optimize the capital cost and CUF. The inter-connection point of the Project is located at the New Vajrakarur substation of APTRANSCO situated at a distance of about 6 kms from the Project location, where the Project connects with the network of APTRANSCO.

#### 16.5 Project construction

The construction of the Project shall involve the following components:

- (i) Financial closure
- (ii) Acquisition of statutory clearances and permits
- (iii) Supply of wind turbine-generator
- (iv) Balance of Plant (BoP) works consisting of:
  - (a) Land acquisition for sites identified for WTG and access road to such sites and acquisition of Right of Way (RoW) for power evacuation infrastructure
  - (b) Electrical works
  - (c) Power evacuation infrastructure
  - (d) Erection, synchronizing and commissioning
  - (e) Civil works
  - (f) Road construction.

The total time for construction of the Project is **10 months**.

#### 16.6 Capital Cost

As per Regulation 12 of the Tariff Regulations, 2017 the term 'Capital Cost' is defined as follows:

*"12. Capital Cost :*

*The norms for the Capital cost as specified in the subsequent technology specific chapters shall be inclusive of all capital work including plant and machinery, civil work, erection and*

**For Axis Wind Farms (Vajrakarur) Pvt Ltd.**

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*commissioning, financing and interest during construction, and evacuation infrastructure up to inter-connection point.*

*Provided that for project specific tariff determination, the generating company shall submit the break-up of capital cost items along with its petition in the manner specified under Regulation 8."*

The Petitioner proposes to use advanced technology wind turbine generators and install them at a higher hub height of upto 140 meters, which will result in high CUF (as detailed in subsequent paragraphs). Higher CUF would benefit consumers in form of lowering of the tariff and benefit the counter-party Discom in form of injection of a greater number of renewable energy units and thus faster achievement of its Renewable Purchase Obligation (RPO).

The use of advanced technology and higher hub height (and consequent increase in the quantum of raw material required for manufacturing the tower) impact the capital cost. A summary of the capital cost envisaged by the Petitioner is provided in the table below. It is to be noted that the below mentioned cost is on a per WTG basis, i.e. corresponds to a capacity of 2.1 MW:

No.	Particulars	Cost (Rs. Crore)
(i)	Supply, Installation and Commissioning(SIA)	11.86
(ii)	Balance of Project ("BOP")	3.51
(iii)	Interest During Construction and other financial charges	1.12
	<b>Total capital cost</b>	<b>16.49</b>

Construction time is assumed to be 10 months and capex phasing is assumed to be as follows:

Month	1	2	3	4	5	6	7	8	9	10
% phasing	25%	0%	0%	0%	0%	6%	15.6%	18%	18%	17.5%

#### 16.6.1 Debt Equity Ratio

A normative debt equity ratio of 70:30 has been considered by the Petitioner.

The same corresponds to a normative debt of Rs. 11.54 crores and normative equity of Rs. 4.95 Crores considering the Capital Cost stated hereinabove.

**For Axis Wind Farms (Vajrakarur) Pvt Ltd.**

### 16.6.2 Interest on Loan Capital

In terms of Regulation 14 of the Tariff Regulations, 2017 the Petitioner has considered the following:

- (i) Loan tenure: 13 years, without any moratorium
- (ii) Interest rate: SBI MCLR for last 6 months (8.12%) + 200 bps = 10.12%
- (iii) Repayment = annual depreciation

### 16.6.3 Return on Equity (RoE)

As per Regulation 16 of the Tariff Regulations, 2017 the normative Return on Equity shall be 14%, to be grossed up by prevailing Minimum Alternate Tax (MAT) as on 1st April of previous year for the entire useful life of the project. The Petitioner has accordingly considered return on equity at the rate of 17.80% (after grossing up by prevailing MAT rate of 21.34% as on 1 April 2017) for the useful life of the project.


### 16.6.4 Depreciation

As per Regulation 15 of the Tariff Regulations, 2017 the salvage value of the asset shall be considered as 10% and depreciation shall be allowed upto maximum of 90% of Capital cost of asset. The Petitioner also seeks the depreciation of gross fixed asset value of the power plant to be at 90% of the asset value i.e; Rs. 16.49 Crores. The rate of depreciation for first thirteen years shall be 5.28% and 1.78% for the remaining useful life of the project from 14<sup>th</sup> year onwards, in accordance with Regulation 15.

### 16.6.5 Working Capital and Interest on Working Capital:

In accordance with Regulation 17 of the Tariff Regulations 2017, the Petitioner also envisaged the working capital requirement by considering the sum of maintenance spares @ 15% of O&M expense, receivables equivalent to 2 months of Energy Charge for sale of electricity calculated on the normative CUF and O&M equal to 1 month. Accordingly, the Petitioner envisages that a working capital interest rate of 11.12% shall apply to the Project.

**For Axis Wind Farms (Vajrakarur) Pvt Ltd.**



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### 16.6.6 Operation & Maintenance (O&M) expenses:

In accordance with Regulation 20 of the Tariff Regulations 2017

- (1) 'Operation and Maintenance or O&M expenses' shall comprise repair and maintenance (R&M), establishment including employee expenses, and administrative and general expenses.
- (2) Operation and maintenance expenses shall be determined for the Tariff Period based on normative O&M expenses specified by the Commission subsequently in these Regulations for the first Year of Control Period.
- (3) Normative O&M expenses allowed during first year of the Control Period (i.e. FY 2017-18) under these Regulations shall be escalated at the rate of 5.72% per annum over the Tariff Period.

The Petitioner envisages O&M expense at Rs. 10.71 Lakhs/MW for the first year of the operational period from the date of commissioning of the project and for the remaining term of the project life the escalation rate of 5.72% shall be applied.

### 16.6.7 Capacity Utilization Factor (CUF)

As per the Regulation 26 of the Tariff Regulations 2017,

#### 26. Capacity Utilisation Factor (CUF)

(1) CUF norms for this control period shall be as follows:

Annual Mean Wind Power Density (W/m <sup>2</sup> )	CUF
upto 220	22%
221-275	24%
276-330	28%
331-440	33%
>440	35%

For Axis Wind Farms (Vajrakanur) Pvt Ltd.

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(2) The annual mean wind power density specified in sub-regulation (1) above shall be measured at 100 meter hub-height.

(3) For the purpose of classification of wind energy project into particular wind zone class, as per MNRE guidelines for wind measurement, wind mast either put-up by NIWE or a private developer and validated by NIWE, would be normally extended 10 km from the mast point in all directions for uniform terrain and limited to appropriate distance in complex terrain with regard to complexity of the site. Based on such validation by NIWE, state nodal agency should certify zoning of the proposed wind farm complex.

The Petitioner proposes to use wind turbine generators of advanced technology and of a higher hub height of upto 140 meters, which would enable achievement of a CUF of 33%. Hence, for determination of tariff, the Petitioner proposes CUF to be considered at 33%.

#### 16.6.8 Levellized tariff

As per Regulation 10(3) of the Tariff Regulations 2017, the tariff shall be determined on levellized basis for the 'useful life' of the Renewable Energy Project.

The discount factor considered for this purpose is equal to the Post tax weighted average cost of capital on the basis of normative debt-equity ratio (70:30) specified under section 13 of the said regulations. Considering the normative debt equity ratio and weighted average of the rates of interest and post-tax return on equity, the discount factor is calculated. Interest rate for the loan component (i.e.70%) of Capital Cost is considered as 10.12%. For equity component (i.e. 30%), post-tax Return on Equity (ROE) of 14% is considered. The discount rate derived by this method is 9.22%.

Levellized tariff is calculated by carrying out levellization for 'useful life' considering the discount factor for time value of money specified under Regulation 10. Hence, considering the above parameters, the Petitioner has computed the levelized tariff for the Project at Rs. 4.28 per unit in view of the facts stated above and as reiterated in the below table. Also, as per CERC

**For Axis Wind Farms (Vajrakarur) Pvt Ltd.**



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regulation, 2017 the detailed computation for the tariff is shown in Form 1.1 and Form 2.1 which are enclosed as **Annexure 12 (Colly)**.

S.No	Particulars	Units	FY 2019-20
1	O&M Expenses	Rs Lakhs	22.5
2	Return on Equity	Rs Lakhs	88.1
3	Interest on Loan Capital	Rs Lakhs	112.4
4	Depreciation	Rs Lakhs	87.1
5	Interest on Working Capital	Rs Lakhs	5.40
6	<b>Total Cost</b>		<b>315.40</b>
7	<b>Unit Generated</b>	<b>MU</b>	<b>6.04</b>
8	<b>Per Unit Cost</b>	<b>Rs</b>	<b>5.22</b>
9	<b>Discount Factor</b>	<b>%</b>	<b>9.22</b>
10	<b>Levelised Tariff</b>	<b>Rs</b>	<b>4.28</b>

### 17. Comparison of filed Tariff with that of competitive bidding

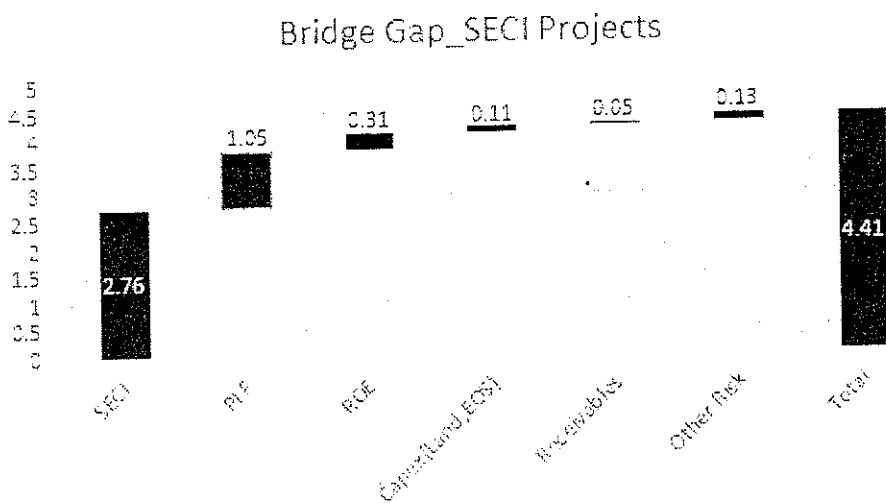
17.1 The Petitioner has compared the tariff derived through cost plus method with the average of last four bids conducted by SECI with respect to allotment of wind power projects i.e. Rs 2.76. The details of SECI projects is given below:

Particulars	Customer	Site	Capacity(MW)	Tariff
<b>SECI I</b>	SembCorp (Green Infra)	Chandragiri, TN	249.9	3.43
<b>SECI II</b>	SembCorp (Green Infra)	Desalpar, GJ	252	2.64
<b>SECI III</b>	Torrent Power	Lakhspar + Junachay, GJ	499.8	2.44
<b>SECI IV</b>	ENEL	Baranda, GJ	285.6	2.51
<b>Average</b>				<b>2.76</b>

The difference between average of per unit rate discovered through the competitive bids conducted by SECI and levelized tariff proposed by the Petitioner in para 19.6.11 above is Rs 1.52 per unit. The difference is shown by waterfall graph below.

For Andhra Wind Farms (Vajrakaruni) U.G.P.

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17.2 A bridge gap analysis has been depicted in the following sections to demonstrate the difference between SECI bids and the cost plus tariff.

(i) Plant Load Factor (PLF): The PLF of the petitioner plant is 33% while the SECI bids III and IV were for high wind density sites in Gujrat where PLF is as high as 42%. The attachment as **Annexure 13** shows the estimated generation at SECI bid III site, which is around 42%. The per unit impact of the PLF reducing from 42% (Base case) to 33% (Change case) is Rs 0.92/ unit.

(ii) CAPEX: The CAPEX of the petitioner's project is higher than the SECI wind plant projects. The higher CAPEX of the plant is attributed to the following factors:

a) Land: SECI bid plants are set-up on revenue lands while the petitioner's plant is on private land which results in a cost difference. The cost difference between private and revenue land is mostly on account of private land purchase cost, stamp duty, NALA charges and relevant overhead charges. This pushes up the CAPEX by approximately Rs 50 lakh/ WTG. The impact of Capex (land cost) is estimated to be Rs. 0.11/ unit.

b) Economies of scale: Project size of SECI project was in the range of 250-300 MW whereas the project size here is upto 50 MW. There are economies of scale involved in terms of negotiation capabilities with vendors, costs involved in balance of plant, etc. whose impact

**For Axis Wind Farms (Vajrakarur) Pvt Ltd.**

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is material. However, in absence of specific data, the Petitioner is unable to determine this impact.

- (iii) Return on Equity: The equity return expectations (on post tax basis) of equity holders in SECI bid projects is expected to be in the range of 11-12% while the same for petitioner's project is 14%. The reason for lower return expectation in SECI projects is on account of their **better risk profile** (more robust payment security mechanism in the PPA, higher credit-worthy party in form of Central Government, assurance of power evacuation arrangements, etc.) and **competitive nature of procurement**. The difference in ROE expectation has an impact of Rs 0.31/ unit on the tariff.
- (iv) Receivables: Payments in SECI projects are made within 1 month whereas the petitioner has assumed receivables to the extent of 2 months for this project (although average delays faced by projects in Andhra Pradesh is to the tune of 6-8 months). The difference of 1 month in the timing of payment accounts for an impact of Rs. 0.05/ unit.
- (v) Other risks: This includes risk of curtailment which is much higher in Andhra Pradesh at around 1%. Further, the contracting cost in Andhra Pradesh is more than Gujarat. Impact of these risk factors is assessed to be around Rs 0.13/ unit.
- (vi) Inter-State transmission(ISTS) charges: ISTS charges for transmission of power for interstate has been exempted. Due to this reason, SECI bids at such a low FIT rates are becoming viable, if such applicable charges are levied, the rate would be upwards of Rs 4.00

#### 18. **Additional Project Support Cost**

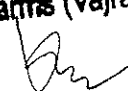
In addition to the investment of project cost of Rs. 16.49 Crore per WTG, the Petitioner expects to incur additional cost of Rs 0.3 Crore per WTG for upgrading the power evacuation infrastructure of APTRANSCO.

The additional cost per WTG on account of the above upgradation is Rs. 0.3 Crore per WTG. APTRANSCO has given approval to petitioner for financing and construction at existing 400 kV Urvakonda-1 SS. The detail for the same

is attached as **Annexure 14**. Hence, the Petitioner requests for recovery of this additional cost through a suitable mechanism, over and above the tariff determined under these proceedings. It is to be noted that this infrastructure is critical to evacuate power from the wind projects and hence is an essential capex. The Petitioner is incurring this cost so as to achieve commissioning of the infrastructure in a timely manner. The created infrastructure will ultimately form a part of APTRANSCO's asset base, and as such APTRANSCO will be able to recover the cost corresponding to this asset from its consumers. The Hon'ble Commission may please devise a mechanism for the Petitioner to be suitably reimbursed for the cost incurred to create the infrastructure.

19. For the grounds elucidated between Para 5 to Para 18, we request this Hon'ble Commission to kindly initiate proceedings for the determination of project specific levelized tariff for the Project.
20. This Hon'ble Commission may permit the petitioner to urge such additional grounds, if any, in defence of the contentions by permitting to amend the existing petition or to file such additional information, pleadings and rejoinders as may be necessary.
21. The Petitioner submits that it has already made substantial investment in the development of the Project and the Respondent is willing to procure the power generated from the Project. Hence, this Hon'ble Commission may be pleased to allow this petition.
22. The Petitioner submits that it has paid the requisite fee as required in accordance with the regulations of this Hon'ble Commission. This petition is in compliance with the directions of this Hon'ble Commission in O.P. No. 5 of 2017 and subsequent direction/instructions issued by this Hon'ble Commission. This petition is filed under Section 62, Section 64 (1), Section 86 (1) (a), Section 86 (1) (b), Section 86 (1) (e) of the Electricity Act, 2003 read with the Central Electricity Regulatory Commission (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2017 and Section 21 of the Andhra Pradesh Electricity Reform Act, 1998.

For Axis Wind Farms (Vajrakarur) Pvt Ltd.



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23. That this Hon'ble Commission has jurisdiction to entertain the present petition and grant relief as prayed herein, under Section 62 , Section 64 (1), Section 86 (1) (a) Section 86 (1) (b), Section 86 (1) (e) of the Electricity Act, 2003 read with the Central Electricity Regulatory Commission (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2017 and Section 21 of the Andhra Pradesh Electricity Reform Act, 1998. The Project is situated around Pottipadu village, Anantapur district of the state of Andhra Pradesh and is therefore within the territorial jurisdiction of this Hon'ble Commission.

**PRAYER**

The Petitioner, therefore, prays that the Hon'ble Commission may be pleased to pass necessary orders on the following:

- (a) regulate the PPA (including any amendment thereof) by granting it's consent and taking the same on record in accordance with Section 86 (1) (b) of the Electricity Act, 2003 read with Section 21 of the Andhra Pradesh Electricity Reform Act, 1998;
- (b) fix project specific levelized tariff for the Project at Rs. 4.28 per unit;
- (c) allow the levelized tariff for the Project at Rs. 4.28 to be applicable for PLF upto and including 33% . Any generation beyond 33% PLF, petitioner may consider the tariff applicable to be 75% of tariff determined for project
- (d) approve amendment of the original PPA executed with the Respondent, to the extent of tariff approved;
- (e) pass necessary orders allowing the Petitioner to achieve COD of the Project within 2 years from the date of the order passed by this Hon'ble Commission under these proceedings;
- (f) allow recovery of the Project Support cost through a suitable mechanism over and above the tariff determined under these proceedings;
- (g) pass such other further orders as this Hon'ble Commission may deem fit and proper in the interest of justice and equity.

  
COUNSEL FOR THE PETITIONER

  
For Axis Wind Farms (Vajrakarur) Pvt Ltd.

PETITIONER  
Authorised Signatory

## VERIFICATION

I, Mr. J Venkata Kumar S/o JVSN Sastry, Aged 49 years, being authorised signatory of the Petitioner, having office address at 2ND Floor, Plot No. 3, H. NO. 6-3-680/8/3, PMR Plaza, Thakur Mansion Lane, Somajiguda, Hyderabad – 500 082, do hereby verify that the contents of the paras 1 to 23 are true and correct to my personal knowledge as well as from the records of the Petitioner. Hence verified.

For Axis Wind Farms (Vajrakarur) Pvt Ltd



PETITIONER  
Authorised Signatory

Hyderabad.  
19.12.2018

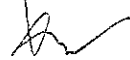


COUNSEL FOR THE PETITIONER

### LIST OF DOCUMENTS

ANNEXURE NUMBER	DESCRIPTION OF DOCUMENT	REMARKS
1	Copies of (a) Certificate of incorporation	Photocopy
2	Copy of Memorandum and Articles of Association and	Photocopy
3	Copy of Letter of Authority	Photocopy
4	Copies of the Memorandum of Understanding	Photocopy
5	Copy of PIA with the GOAP	Photocopy
6	Copy of Project Agreement	Photocopy
7.	Copy of PIA with the AP Discom	Photocopy
8.	Copies of the proceedings and agreements with NREDCAP	Photocopy

For Axis Wind Farms (Vajrakarur) Pvt Ltd



Authorised Signatory



9.	Power Purchase Agreement and Amendment to Power Purchase Agreement	Photocopy
10.	Copy of the letter dated 15 <sup>th</sup> May 2018 issued by this Hon'ble Commission .	Photocopy
11.	Copy of Central electricity regulatory commission (terms and conditions for tariff determination from renewable energy sources) regulations 2017	Photocopy
12.	Copy CERC regulation, 2017 the detailed computation for the tariff is shown in Form 1.1 and Form 2.1	Photocopy
13.	Copy showing the estimated generation at SECI bid III site, which is around 42%.	Photocopy
14.	Copy of approval given by to the petitioner for financing and construction at existing 400 kV Urvakonda-1 SS.	Photocopy

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

Hyderabad.  
19.12.2018

  
PETITIONER  
Authorized Signatory

  
COUNSEL FOR THE PETITIONER



**BEFORE THE ANDHRA PRADESH ELECTRICITY  
REGULATORY COMMISSION, HYDERABAD  
FILING NO.  
CASE NO. O.P. No. / 2018**

**IN THE MATTER**

To determine tariff for wind power project in the state of Andhra Pradesh in accordance with Section 61 (h), Section 62 (1) (a), Section 64 (1), Section 86 (1) (a), Section 86 (1) (b) and Section 86 (1) (e) of the Electricity Act, 2003 read with the Central Electricity Regulatory Commission (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2017 and Section 21 of the Andhra Pradesh Electricity Reform Act, 1998.

**AND**

**IN THE MATTER OF**

**.Axis Wind Farms (Vajrakarur) Private Limited**

.....Petitioner

**AND**

**Southern Power Distribution Company of AP Limited**

.....Respondents

**VERIFYING AFFIDAVIT**

I, Mr. J Venkata Kumar S/o JVSN Sastry, Aged 49 years, being authorised signatory of the Petitioner, do hereby solemnly affirm and state on oath as:

01. I state that I am working as working as Project Director in the Petitioner in the Petitioner Company.

02. I state that I am well aware of the facts and circumstances of this case and hence authorized to swear to this affidavit.

03. I state that the contents of the accompanying the Petition from Para 1 to 23 are true and correct to the best of my knowledge, information and belief.

Identified by me:

**For Axis Wind Farms (Vajrakarur) Pvt Ltd.**

*Koush*  
Advocate

*[Signature]*  
**Deponent**

**Authorised Signatory**

**BEFORE THE ANDHRA PRADESH  
ELECTRICITY REGULATORY  
COMMISSION, HYDERABAD**

FILING NO.

CASE NO. O.P. No. / 2018

**IN THE MATTER**

To determine tariff for wind power project in the state of Andhra Pradesh in accordance with Section 61 (h), Section 62 (1) (a), Section 64 (1), Section 86 (1) (a), Section 86 (1) (b) and Section 86 (1) (e) of the Electricity Act, 2003 read with the Central Electricity Regulatory Commission (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2017 and Section 21 of the Andhra Pradesh Electricity Reform Act, 1998.

**AND**

**IN THE MATTER OF**

**Axis Wind Farms (Vajrakarur) Private Limited**

.....Petitioner

**AND**

**Southern Power Distribution Company of AP Limited**

.....Respondent

Filed on: <sup>20</sup>12.2018

**Filed By: Counsel for the Petitioner**

*Address for Service*

**INDUSLAW, ADVOCATES  
Mr. Deepak Chowdhury  
Mr. G. P. Yash Vardhan  
204, Ashoka Capitol, Opp: KBR Park, Banjara  
Hills, Hyderabad – 500 034**



प्रारूप 1  
पंजीकरण प्रमाण-पत्र

कॉर्पोरेट पहचान संख्या : U40108AP2011PTC073164

2010 - 2011

मैं एतद्वारा सत्यापित करता हूँ कि मैसर्स

AXIS WIND FARMS (VAJRAKARUR) PRIVATE LIMITED

का पंजीकरण, कम्पनी अधिनियम 1956 (1956 का 1) के अंतर्गत आज किया जाता है और यह कम्पनी प्राइवेट लिमिटेड है।

यह निगमन-पत्र आज दिनांक दस मार्च दो हजार ग्यारह को मेरे हस्ताक्षर से हैदराबाद में जारी किया जाता है।

Form 1  
Certificate of Incorporation

Corporate Identity Number : U40108AP2011PTC073164

2010 - 2011

I hereby certify that AXIS WIND FARMS (VAJRAKARUR) PRIVATE LIMITED is this day incorporated under the Companies Act, 1956 (No. 1 of 1956) and that the company is private limited.

Given under my hand at Hyderabad this Tenth day of March Two Thousand Eleven.



(SHASHI RAJ DARA)

उप कम्पनी रजिस्ट्रार / Deputy Registrar of Companies

आंध्र प्रदेश

Andhra Pradesh

कम्पनी रजिस्ट्रार के कार्यालय अभिलेख में उपलब्ध पत्राचार का पता :

Mailing Address as per record available in Registrar of Companies office:

AXIS WIND FARMS (VAJRAKARUR) PRIVATE LIMITED

6-3-787, FLAT NO.403, SHAILI ESTATES, ROYAL, PAVILLION, NEXT TO RBI QUARTERS, AMEERPET.,

HYDERABAD - 500016,

Andhra Pradesh, INDIA

*Shashi Raj DARA*  
CERTIFIED TRUE COPY



**INCORPORATED**  
**UNDER THE COMPANIES ACT, 1956**  
**(Act 1 of 1956)**  
**COMPANY LIMITED BY SHARES**  
**MEMORANDUM OF ASSOCIATION**  
**OF**  
**AXIS WIND FARMS (VAJRAKARUR) PRIVATE LIMITED**

- I. The name of the Company is AXIS WIND FARMS (VAJRAKARUR) PRIVATE LIMITED.
- II. The Registered Office of the Company will be situated in the State of Andhra Pradesh.
- III. The objects for which the Company established are:
  - A. THE MAIN OBJECTS TO BE PURSUED BY THE COMPANY ON ITS INCORPORATION ARE:
    1. To carry on business in India or else where to take up survey, investigation and generation of Electrical power through conventional, non conventional sources including coal, gas, lignite, oil, bio-mass, Industrial/Agricultural waste, thermal, solar, hydel, geo thermal, wind, tidal waves and any other alternative sources of energy, to undertake assessment studies, Import, Manufacture of machinery, construction, Execution, implementation, generation, and distribution of power. To trade, sell to utilities, Third parties and for captive by building substations, Transmission lines.
    2. To harness, develop, accumulate, generate, transmit, distribute and supply Electricity by setting up power plants by identifying suitable



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sites( and acquiring land for it )for the purpose of light, heat, motive power, industries and for all other purposes for which Electricity Energy can be employed to carry on and generate power through Hydro, Thermal, Oil, Gas, wind, Sea energy, Diesel Oil, or through transmit, distribute, supply and sell such power either directly or through transmission lines and facilitates of Central State Government or Private Companies or Electricity Boards to industrial projects promoted by this Company, or promote companies, generally to develop generate, accumulate power at any other place or places and transmit distribute, sell and supply such power.

- 3. To carry on the business of consultants and contactors in setting up all types of plants for production of Electrical Energy and also to undertake Research and Development Programs in the field of Electricity, Electronics and other allied fields, Refurnishing Renovating Reforming etc., of old power projects. To import, assemble, manufacture plant and machinery for power projects and to establish in suitable areas and to connect to grid and to construct facilities.

B. OBJECTS ANCILLARY OR INCIDENTAL TO THE ATTAINMENT OF THE MAIN OBJECTS:

- 1. To promote, own acquire, erect construct establish, use developed computerize techniques like embedded solutions to maintain, improve solutions to manage, operate alter carry on control take on hire / lease power plants, energy conservation projects, power house transmission and distribution systems for generation, distribution transmission and supply of electrical energy and buy, sell, supply, exchange, market function as a license and deal in electrical power energy to the state electricity boards and any other competent authority in accordance with the provisions of electricity act 1910 and / or Electricity supply act 1948 or any statutory modifications or reenactment thereof and rules made there under.
- 2. To enter into foreign collaborations, contracts, sole selling agency agreements for installation, erection, operation and maintenance of , wind turbine generators and their components, power generation equipments, products, either manufactured or sold, supplied and dealt with by company.

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3. To provide all kinds of engineering facilities including construction, technical consultancy, architectural services for use, application, installation, erection, operation and maintenance of all kinds of power generation equipments and its related products.
  4. To enter in to contracts, agreements and arrangements with any other company, firm or person for carrying out by such other company, firm, person on behalf of the company the object for which the company is formed.
  5. To deal in plant, machinery, apparatuses, tools, utensils, receptacles, substances, material articles and things necessary or convenient for carrying on any of the business or processes the company usually dealt in the person engaged in the like business or processes.
  6. To open and operate current, overdraft, loan, cash credit, deposit or other accounts with any bank, banker, and to deposit into and draw money from such accounts.
  7. To provide for the welfare of the directors, ex-directors, employees or ex-employees of the company or its predecessors in business and the wives and families of dependents or connection of such persons by building or contributing to the building of house, dwellings, chawls or quarters or by grant of money, pension, gratuities, allowance, bonuses, awards, profit sharing or other scheme or other trust and by providing or subscribing or contributing to wards place of instruction and recreation, hospitals and dispensaries, medical and other assistance as the company shall think fit and to establish, maintain and grant scholar ships, monies to any persons for technical study and education in India and in elsewhere in the world which may be necessary or useful for any of the objects of the company and to subscribe or other wise to assist or to guarantee money to charitable, benevolent, religious, scientific, national or other institutions or object which shall have any moral or other claim to support or aid by the company either by reason of locality of operation or of public and general utility or otherwise.

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8. To repair, alter, remodel, clean, renovate, convert, manipulate, and to prepare for resale and resell any goods from time to time belonging to the company.
  9. To employ expert to investigate and examine into the conditions, prospects, value, character and circumstances of any business concerns and undertaking and generally of any assets, property or rights.
  10. To nominate directors or managers of any subsidiary company or of any other company in which this company is or may be interested
  11. To take part in the supervision and control of the business or operations of any company or undertaking having the similar objects.
  12. For the purpose mentioned in the presiding clause to appoint and remunerate any director, trustee, accountants and other experts or agents.
  13. To purchase, take on lease or in exchange, hire or otherwise acquire any immovable or movable property and any rights or privileges which the company may think necessary or convenient for the purpose of its business and, in particular area, land, building, easement, machinery, plant, and stock -in -trade, and either to retain any property to be acquired for the purpose of the company business or to turn the same to account as may seem expedient.
  14. To construct, improve, maintain, develop, work manage, carry out, control or pull down, remove and replace any building, factories or works, or any roadways, ways, water-courses, wharves, warehouses, electric works, shops, chawls, and other buildings, for housings work people and others, or other works and conveniences which may seem calculated directly or indirectly to advance the companies interest and to contribute to subsidize or otherwise assist, or take part in the construction improvement, maintenance, development, working out or contract thereof.
  15. To let on lease or on hire-purchase system or to lend or otherwise dispose of any property belonging to the company.
  16. To sell, lease, grant license, easements and other rights over and any other manner dealing with or dispose of the under taking, property, assets, right and effect of the company, or any part thereof, for such

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consideration as the company may think fit, and in particular, for shares, debentures or securities of any other company.

17. To acquire and undertake the whole or any part of the business, property, and liabilities of any person, firm or company carrying on or proposing to carry on or authorized to carry on any business which the company is authorized to carry on, or possessed of property suitable for the purpose of this company, or which can be carried on in the conjunction therewith.
18. To amalgamate, enter into any partnership or partially amalgamate with or acquire interest in the business of any other company, person or firm or enter into any agreement for sharing profits or for co-operation or for limiting competition or for mutual assistance, with any such person, firm or company
19. To enter into partnership or enter into any arrangement for sharing profits or losses, or for any union of interest joint venture, reciprocal concession or co-operation with any person or persons, or company or companies carrying on, or engaged in or about to carry on or engage in or being authorize to carry on, or engage in, any business or transaction which this company is authorize to carry on or engage in
20. To establish or promote or concur in establishing or promoting any company or companies having similar objects for the purpose of acquiring all or any of the property, rights and liabilities of the company or for any other purpose which may seem directly or indirectly calculated to benefit the company and to place or guarantee the placing of, underwrite, subscribe for or otherwise, acquire all or any part of the shares, debentures or other securities of any such other company.
21. To enter into any arrangement with any government or authority supreme, municipal, local or otherwise or any person or company that may seem conducive to the companies object or any of them and to obtain from any such government, authority, person or company any rights, privileges, charters, contracts, license and concessions which the company may think fit, desirable to obtain and to carryout, exercise and comply therewith.
22. To apply for, promote, and obtain any act, charter, privilege, concession, license, authorization, if any, government, state or municipal, provisional order or license or any authority for enabling the company to carry any of its objects in to effect, or for extending any of the powers of the company, or for effecting any modification of the companies constitution, or for any other purpose which may seem

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expedient and to oppose any proceedings or applications which may seem calculated, or indirectly to prejudice the companies interest.

23. To apply for, purchase, or otherwise, acquire, and protect and renew in any part of the world any patents, patent rights, brevets invention, trademarks, designs, license, concession, and the like conferring any exclusive or non exclusive or limited right to their use, or any secret or other information as to any invention which may seem capable of being used for any of the purpose of the company, and to use, exercise, develop or grant license in respect of or otherwise, turn to account the property, right information so acquired, and to expend money in experimenting upon, testing or improving any such patents, inventions or rights.

24. To establish, provide, maintain, conduct, or otherwise subsidize research laboratories and experimental workshop for scientific and technical research and experiments and to undertake and carry on with all scientific and technical researches, experiments, and tests of all kinds and to promote studies and research, both scientific and technical, investigations, and invention by providing, subsidizing, endowing or assisting laboratories, workshops, libraries, lectures, meetings and conferences and by providing for the remuneration of scientific or technical professors or teachers and by providing remuneration for scientific or technical professors or teachers and by providing for the award for exhibitions, scholarship, prizes and grant to students or other wise and generally to encourage, promote, and reward studies, researches, investigations, experiments, tests and inventions of any kind that may be considered likely to assist any of the business which the company is authorized to carry on.

25. To make donations to such person or institutions and in such cases and either of cash or any other assets as may be thought directly or indirectly conducive to any of the company's objects or otherwise expedient and, in particular, to remunerate any person or corporation introducing business to this company, and also to subscribe, contribute, or otherwise assist or guarantee money for charitable, or scientific, religious or benevolent, national, public, cultural, educational or otherwise institutions, object or for any exhibition or for any public, general or other objects and to establish and support or and in the establishment and support of associations, institution, funds, trust and convenience for the benefit of the employee or ex-employees (including directors) of the company or its predecessors in business or its dealings with the company or the dependents, relatives or in connection of such persons and in particular, friendly or other benefit societies and to grant pensions, allowances, gratuities and bonuses, either by way of annual payment or a lump sum and to make payment

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towards insurance and to form and to contribute to provident benefit funds and other welfare funds of or for such persons.

26. To refer, or agree to refer, any claim, demand, dispute or any other question, by or against the company, or in which the company is interested or concerned, and whether between the company and the member or members or his or their representative, or between the company and third parties, to arbitration in India or at any place outside India, and to observe and perform and to do all acts, deeds, matter and things to carry out or enforce the award.
27. To pay out of the funds of the company all expenses which the company may lawfully pay with respect of the promotion, formation and registration of the company on the issue of its capital, including brokerage and the commission for obtaining applications for or taking, placing or understanding or procuring the underwriting of the shares, debentures or the securities of the company.
28. To pay all preliminary expenses of the company promoted by the company, or any company in which the company is, or may contemplate being interested, including in such preliminary expenses all or the part of the costs and expenses of owner of any business or property acquired by the company.
29. To pay for any right or property acquired by the company and to remunerate any person or company for services rendered or to be render in placing of the shares in the company's capitals or any debentures, debentures-stock, or other securities of the company, or in or about the formation or the promotion of the company, or the acquisition of property of the company or the conduct of its business, whether by cash payment or by the allotment of shares, debentures, or the other securities of the company, credited as paid up in the full or in the part or otherwise.
30. To adopt such means of making known the business of the company as may seem expedient, and, particular, by advertising in the press, circulars, by purchase and exhibition of works art or interest, by granting prizes, rewards donations.
31. To lend and advance money or to give credit to such person or companies as seem expedient and, in particular, to custom and others having dealing with the company and generally to give guarantee and indemnities.
32. To invest and deal with the moneys of the company not immediately required in such manner as to form time to time be determined.



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33. To receive money on deposit or lend and borrow and raise money in such manner as the company shall think fit and in particulars, by the issue of debentures or debentures stock (perpetual otherwise) and to secure the payment of any money borrowed, raised or owing by mortgage, charge, lien upon all or any of the property or assets the company (both present and future) including its uncalled capital, and also by a similar mortgage, charge or lean to secure and guarantee the performance by the company or any other person or company of any obligation undertaken by the company or any person or company as the case may be.
  34. To undertake and execute any trust, the undertaking of which may seem to the company desirable and either gratuitous or otherwise.
  35. To draw, make, accept, endorse, discount, execute and issue bills of exchange, promissory notes, bills of lading, warrants, debentures and other negotiable or transferable instruments and securities.
  36. To sell, improve, manage, develop, exchange, lease, mortgage, and dispose of, turn to account or otherwise deal with all or any part of the property and rights of the company for the time being.
  37. Subject to the provisions of the Companies Act, 1956 to distribute among the member in specific any property of the company or in any proceed of sale or disposal of any property of the company in the event of winding up.
  38. To insure the whole or any part of the property of the company, either fully or partially, to protect and indemnify the company from liability or loss in any respect either fully or partially, and also to insure and to protect and indemnify any part or portion thereof, either on mutual principal or otherwise.
  39. To carry out on any part of the world all or any part of the company objects as principal agents, factor, trustee, contractor, or otherwise, either alone or in conjunction with any other person, firm, association, corporate body, municipality, province, state or government or colony or dependency thereof.
  40. To exercise all or any of its corporate powers, rights, and privileges and to conduct its business in all or any of its branches in the union of India and in any or all states, territories, possessions, colonies and dependencies thereof and in any or all foreign countries, and for this purpose to have and maintain and to discontinue such number of offices and agencies therein as may be convenient.



41. To procure the company to be recognized in any part of the world.
42. To do all and everything necessary, suitable or proper for the accomplishment of any of the purpose for accomplishment of any of the purpose or the attainment of any of the objects or the furtherance of any of the powers here in before set forth, either alone or in association with other corporate bodies, firms, or individuals, and to do every other act or acts, thing or things, incidental or appurtenant to, or growing out of, connected with the aforesaid business or powers, or any part or parts thereof, provided the same be not consistent with the laws of the union of India.
43. To guarantee the payment of money unsecured or secured by or payable under or in respect of promissory notes, bonds, debentures, debenture stock, contracts, mortgages, charges, obligations, instruments, and securities of any company or any authority, supreme, municipal, otherwise or any person whom so ever, incorporated or not incorporated, and generated guarantee or become security for the person of any contracts or obligations.

**C. OTHER OBJECTS FOR WHICH THE COMPANY IS ESTABLISHED ARE:**

1. To carry on the business and Services Associated with operating and maintaining Infrastructure facilities such as Roads, Highway Projects, Bridges, Expressways, Urban Ring Roads and/or Urban Bypasses, Flyovers, Sub-ways, Rural Roads, Irrigation Projects, Water Supply Projects. Power Generation Projects using Water, Coal, Natural Gas and other Gases and Naphtha, Sanitation and Sewerage Systems, Water Treatment Plants, Solid Waste, Management Systems Housing Projects, Industrial Parks, Mass rapid transit systems, Railways, Roadways, Ports, Airports, Telecommunication facilities and such other facilities that may be notified or identified as an Infrastructure facility either by Central/State Governments or any other appropriate Authority or Local, Municipal Body and execute by either individually or in collaboration, or as Joint Venture with any individual Firm, Autonomous Bodies, Central/State Public Sector undertakings or OCBs(Overseas Corporate Bodies) whether in India or Abroad.
2. To carry on the business of purchase, take on lease or otherwise acquire any rights on mines and lands in India or elsewhere believed to contain metallic or mineral, ferrous and nonferrous, major or minor mineral, saline or chemical substances, kieselghur, French chalk, China Clay, Bentonite and other clays, boryles, calcite and such other filler materials. Earths or





other ingredients including coal, lignite's, granite, rockphosphate, brimstone, brine, bauxite and rare earth.

- 3. To carry on the business of work mines or quarries, and to find, win, get work, crush, smelt, beneficiate, process manufacture or otherwise deal with limestone, chalk, clay. Ores, metals, minerals, oils, precious and other stones, or deposits of products, to acquire by concession, grant, purchase, barter, lease, license or otherwise any tract or tracts on land or water in India or elsewhere together with such rights, as may be agreed upon and granted by Government or the rules or owners thereof.
- 4. To manufacture, import, export, deal in or prepare for market, revise, clean, restore, recondition treat and other wise manipulate and deal and turn to account by any process or means what so ever all by-product, refuse and waste, and other products capable of being manufactured or product out of or with the use of all or any raw materials, ingredients, substances or commodities used in the manufacture of all or any of the products which the company is entitled to manufacture or deal in and to make such other use of the same as may to thought fit.
- 5. To carry on any business or branch of business which this company is authorized to carry on by means, or through the agency of any subsidiary company or companies and to enter into any agreement with such subsidiary company or companies for taking the profits and bearing the losses of any business or branch so carried on, or for financing any such subsidiary company or guaranteeing its liabilities, or to make any other agreements which may seem desirable with reference to any business or branch so carried on including power at any time either temporarily or permanently to close any such branch or business.
- 6. To purchase, acquire, lease or in exchange or in any other lawful manner any land, building, structure or properties of any kind for the purpose of investment or resale and to develop the same into town ships, markets or other buildings, residential and/ or commercial complexes and to equip the same or any part thereof with all or any amenities or conveniences including water, drainage and electric installation
- 7. To take and execute any contracts for works involving the supply or use of any energy and to carry out any ancillary or other works comprised in such contracts.

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- IV. The liability of the members of the company is limited.
- V. The Authorised Share Capital of the Company is Rs.1,00,000/- (Rupees One Lakh Only) divided into 10,000 (Ten Thousand Only) Equity Shares of Rs.10/- (Rupees Ten Only) each and upon any increase of capital, the company is to be at liberty to issue new shares with any preferential, qualified, or special rights, privileges of conditions attached thereto.

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*Qmjanif*



VI. We, the several persons whose names and address are subscribed are desirous being formed into a company in pursuance of this Memorandum of Association and respectively agree to take the number of shares in the capital of the company set opposite our respective names:-

Sl. No.	Name, address, father's/husband's name and occupation of Subscribers with their Signature	Number of Equity Shares taken by each Subscriber.	Name, address, description and occupation of witness.
1	<p>AXIS WIND ENERGY LTD</p> <p>REPRESENTED BY ITS DIRECTOR</p> <p><i>[Signature]</i></p> <p>KATARU RAVI KUNAR REDDY.</p> <p>S/o K.V. RAMANA REDDY</p> <p>FLAT NO: 403, #6-3-757,</p> <p>SHAILI ESTATES,</p> <p>ROYAL PAVILION,</p> <p>AMEERPET,</p> <p>HYDERABAD-500016.</p> <p>ANDHRA PRADESH.</p> <p>INDIA.</p>	<p>9,998</p> <p>(NINE THOUSAND NINE HUNDRED NINETY EIGHT ONLY).</p>	<p><i>[Signature]</i></p> <p>B.N. ARSUNA Rao 86, GOVIND Rao</p> <p>Chartered Accountant</p> <p>Plot no. 5524, Phase III Jubilee Hills</p> <p>Road No-92</p> <p>Hyderabad - 500096</p>

Place : Hyderabad  
 Date : 8/2/11

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*[Signature]*



We, the several persons whose names and address are subscribed are desirous being formed into a company in pursuance of this Memorandum of Association and respectively agree to take the number of shares in the capital of the company set opposite our respective names:

Sl. No.	Name, address, father's/husband's name and occupation of Subscribers with their Signature	Number of Equity Shares taken by each Subscriber.	Name, address, description and occupation of witness.
2	<p>(U.S.)</p> <p>KATARU RAVI KUMAR REDDY  S/O K.V. RAMANA REDDY  PLAT NO: 403, # G-3-287  SHAILI ESTATES,  ROYAL PAVILION,  AMBERPET,  HYDERABAD-500016  ANDHRA PRADESH  INDIA.</p> <p>DOB: 22-07-1977,  BUSINESS  NOMINEE.</p>	1 (ONE)	<p>B. MANSING Rao  MSM-22001  Govind Rao</p> <p>Chartered Accountant  Plat no-554, Phase III, Road no-92  Jubilee Hills, Hyderabad-500096</p>

Place : Hyderabad  
Date : 8/2/11

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*[Signature]*





We, the several persons whose names and address are subscribed are desirous being formed into a company in pursuance of this Memorandum of Association and respectively agree to take the number of shares in the capital of the company set opposite our respective names:-

Sl. No.	Name, address, father's/husband's name and occupation of Subscribers with their Signature	Number of Equity Shares taken by each Subscriber.	Name, address, description and occupation of witness.
3	<p><i>K. Krishna Kumar</i>            KATARU KIRAN LAXMI REDDY            S/O. K. V. RAMANA REDDY,            FLAT - 403, 6-3-787,            SHARLI ESTATES,            ROYAL PAVILLION,            OPP. CANE TO BIG BAZAR,            AMBERPET,            HYDERABAD - 500 016.            28-08-1980            BUSINESS.</p>	<p>1            (ONE)</p>	<p><i>B. Magesh, ac. No. 175 Mo. 2200</i>            B. MAGESH, ac. No. 175 Mo. 2200            Chartered Accountant            Plot No. 554, Phase III, Road no. 92            Jubilee Hills, Hyderabad - 500 096</p>
Total No. of Shares taken		10,000 (Ten Thousand)	

Place : Hyderabad  
Date : 8/2/11

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*Prof. J. S. J.*



INCORPORATED  
UNDER  
THE COMPANIES ACT, 1956  
COMPANY LIMITED BY SHARES

**ARTICLES OF ASSOCIATION  
OF  
AXIS WIND FARMA (VAJRAKARUR) PRIVATE LIMITED**

- 1. In these regulations-
  - (a) The "Act" means the Companies Act, 1956;
  - (b) The "seal" means the common seal of the Company.
- 2. Unless the context otherwise requires, words or expressions in these regulations shall bear the same meaning as in the Act or any statutory modification thereof in force at the date at which these regulations become binding on the Company.

**PRIVATE COMPANY**

- 3. The Company is a Private Company within the meaning of Section 3(1) (iii) of the Act and according,
  - a. The right to transfer the shares of the Company is restricted in the manner hereinafter provided.
  - b. The number of the members of the Company shall be limited to fifty, not including:
    - (i) Persons who are in the employment of the Company, and
    - (ii) Persons, who having been formerly in the employment of the Company were members of the Company while in that employment and have continued to be members after the employment ceased; and
  - c. Prohibits any invitation to the public to subscribe for any shares in or debentures of the Company;
  - d. Prohibits any invitation or acceptance or acceptance of deposits from persons other than its members, directors or their relatives.  
Provided that where two or more persons hold one or more shares in the Company, jointly, they shall for the purpose of this Article be treated as a single member.
  - e. The minimum paid up Capital of the Company shall be Rs. 1,00,000/- (Rupees One Lakhs only) or such higher amount as may be prescribed.

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SHARECAPITAL AND VARIATION OF RIGHTS

4. The Authorized Share Capital of the Company is Rs. 1,00,000/- (Rupees One Lakhs Only) divided into 10,000 (Ten Thousand Equity Shares) Equity Shares of Rs.10/- (Rupees Ten Only) each with a power to increase and reduce the capital of the Company subject to the provisions of the Companies Act of 1956.
5. The Company shall have the right to convert any of its unissued equity shares into preference shares and vice versa with such rights, privileges and conditions attaching thereto as may then be decided upon. Subject to the provisions of Section 80 of the Act, the Company shall also be entitled to issue preference shares, with the sanction of an ordinary resolution, which are liable to be redeemed on such terms and in manner as the Company before the issued of the shares may, by special resolution determine, and that of and when any Redeemable preference Shares are issued, the compulsory provisions of the Act shall be complied with and they shall be redeemed in any of the modes permitted by the Act and subject to the conditions prescribed by the Act or the Articles of the Company.
6. The rights of the holders of any class of shares, for the time being forming part of the capital of the Company (unless otherwise provided by the terms of issue of the shares of that class) may, subject to the provisions of Sections 106 and 107 of the Act, and whether or not the Company is being wound up, be modified, affected, varied, extended or surrendered either with the consent in writing of the holders of three-fourths of the issued shares of such class of shares or with the sanction of a Special Resolution passed at a separate meeting of the holders of those shares. To every such separate meeting, the provisions relating to general meetings shall *mutatis mutandis* apply, so that the necessary quorum shall be two persons holding shares of the class in question.
7. The rights conferred upon the holders of the shares of any class issued with preferred or other right shall not, unless otherwise expressly provided by the terms of issue of the shares of that class, be deemed to be varied by the creation or issue of further shares ranking *pari passu* therewith.
8. (1) The Company may exercise the powers or paying commissions conferred by Section 76 of the Act, provided that the rate percent of the amount of the commission paid agreed to be paid shall be disclosed in the manner required by that Section.  
(2) The rate of the commission shall not exceed five per cent of the price at which the shares in respect whereof of the same is paid are issued.  
(3) The commission may be satisfied by the payment of cash or the allotment of fully or partly paid shares or partly in one way and partly in the other.  
(4) The Company may also, on any issue of shares, pay such brokerage as may be lawful.
9. Except as required by law, no person shall be recognized by the Company as holding any shares upon any trust, and the Company shall not be bound by, or be compelled in any way to recognize (even when having notice thereof) any equitable, contingent, future or partial interest in any share, or any interest in any fractional part of a share, or (except only as by these regulations or by law otherwise provided) any other rights in respect of any share except an absolute right to the entirety thereof in the registered holder.

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10. The share in the capital of the company shall be under the control of the Board who may allot or otherwise dispose of the same or any of them to such persons (whether already members or not) in such proportion and on such terms and conditions and either at premium or at par or at a discount against payment in cash or kind and at such time as they may from time to time think fit and proper.
  11. The directors of the Company may, subject to the right of appeal conferred by Section 111 of the Act, in their absolute and uncontrolled discretion and without assigning any reason decline to register or acknowledge any transfer of share.
  12. No shares shall be transferred to any person who is not a member of the Company so long as any member or any person selected by the Board is willing to purchase the same at a value determined by the Board in their absolute discretion to be fair and reasonable.
  13. The Company may, from time to time, by ordinary resolution increase the share capital by such sum, to be divided into shares of such amount, as may be specified in the resolution.
  14. Subject to the provisions of Section 79A of the Act, the Company shall have the power, by me of a resolution to be passed at a general meeting of the Company, to issue sweat equity shares of a class of shares already issued.
  15. The Company may, by ordinary resolution:
    - a) Consolidate and divide all or any of its share capital into shares of larger amount than its existing shares;
    - b) Sub-divide its existing shares or any of them into shares of smaller amount than is fixed by the memorandum, subject, nevertheless, to the provisions of clause (d) of sub-section (1) of Section 94 of the Act; or
    - c) Cancel any shares which, at the date of the passing of the resolution, have not been taken or agreed to be taken by any person.
  16. The Company may, by special resolution, reduce in any manner and with, and subject to, any incident authorized and consent required by law,-
    - a) Its share capital;
    - b) Any capital redemption reserve account; or
    - c) Any share premium account.
  17. Subject to the provisions contained in Sections 77A and 77B and all applicable provisions of the Act and subject to such approvals, permissions, consents and sanctions from the concerned authorities and departments, including the Securities and Exchange Board of India and the Reserve Bank of India, if any, the Company may, by passing a Special Resolution at general meeting, purchase its own shares or other specified securities (hereinafter referred to as 'buy-back') from its existing shareholders on a proportionate basis and/or from the open market and/or from the lots smaller than market lots of the securities (odd lots), and/or the securities issued to the employees of the Company pursuant to a scheme of stock options or sweat equity, from out of its free reserves or out of the securities premium account of the Company or out of the proceeds of any issue made by the Company specifically for the purpose, on such terms, conditions and in such manner as may be prescribed by law from time to time; provided that the aggregate of the securities so bought back shall not exceed such number as may be prescribed under the Act or rules made from time to time.





**LIEN**

- 18. (1) The Company shall have a first and paramount lien: -
  - a) On every share (not being a fully-paid share, for all moneys (whether presently payable or not) called, or payable at a fixed time, in respect of that share: and
  - b) On all shares (not being fully-paid shares) standing registered in the name of single person, for all moneys presently payable by him or his estate to the Company;

**Provided** that the Board of directors may at any time declare any share to be wholly or in part exempt from the provisions of this clause.

- (2) The Company's lien, if any, on a share shall extend to all dividends payable thereon.

- 19. The Company may sell, in such manner as the Board thinks fit, any shares on which the Company has a lien:

**Provided** that no sale be made: -

- (a) Unless a sum in respect of which the lien exists in presently payable; or
- (b) Until the expiration of fourteen days after a notice in writing stating and demanding payment of such part of the amount in respect of which the lien exists as is presently payable, has been given to the registered holder for the time being of the share or the person entitled thereto by reason of his death or insolvency.

- 20. (1) To give effect to any such sale, the Board may authorize some person to transfer the shares sold to the purchaser thereof.

- (2) The purchaser shall be registered as the holder of the shares comprised in any such transfer.

- (3) The purchaser shall not be bound to see to the application of the purchase money, nor shall his title to the shares be affected by any irregularity or invalidity in the proceedings in reference to the sale.

- 21. (1) The proceeds of the sale shall be received by the Company and applied in payment of such part of the amount in respect of which the lien exists as is presently payable.

- (2) The residue, if any, shall, subject to a like lien for sums not presently payable as existed upon the shares before the sale, be paid to the person entitled to the shares at the date of the sale.

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**CALLS ON SHARES**

- 22. (1) The Board may, from time to time, make calls upon the members in respect of any moneys unpaid on their shares (whether on account of the nominal value of the shares or by way of premium) and not by the conditions of allotment thereof made payable at fixed times:  
 (2) Each member shall, subject to receiving at least fourteen days' notice specifying the time or times and place of payment, pay to the Company, at the time or times and place so specified, the amount called on his shares.  
 (3) A call may be revoked or postponed at the discretion of the Board.
- 23. A call shall be deemed to have been made at the time when the resolution of the Board authorizing the call was passed and may be required to be paid by installments.
- 24. The joint holders of a share shall be jointly and severally liable to pay all calls in respect thereof.
- 25. (1) If a sum called in respect of a share is not paid before or on the day appointed for payment thereof, the person from whom the sum is due shall pay interest thereon from the day appointed for payment thereof to the time of actual payment at five percent per annum or at such lower rate, if any, as the Board may determine.  
 (2) The Board shall be at liberty to waive payment of any such interest wholly or in part.
- 26. (1) Any sum which by the terms of issue of share becomes payable on allotment or at any fixed date, whether on account of the nominal value of the share or by way of premium, shall, for the purposes of these regulations, be deemed to be a call duly made and payable on the date on which by the terms of issue such sum becomes payable.  
 (2) In case of non-payment of such sum, all the relevant provisions of these regulations as to payment of interest and expensed, forfeiture or otherwise shall apply as if such sum had become payable by virtue of a call duly made and notified.
- 27. The Board -  
 (a) may, if thinks fit, receive from any member willing to advance the same, all or any part of the moneys uncalled and unpaid upon any shares held by him; and  
 (b) upon all or any of the moneys so advanced, may (until the same would, but for such advance, become presently payable) pay interest at such rate not exceeding, six percent per annum, as may be agreed upon between the Board and the member paying the sum in advance unless the Company in general meeting shall otherwise direct.

**TRANSFER OF SHARES**

- 28. The instrument of transfer of any share in the Company shall be executed by or on behalf of both the transferor and transferee.

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- 29. The transferor shall be deemed to remain a holder of the share until the name of the transferee is entered in the register of members in respect thereof.
- 30. Subject to the provisions of the Act, the shares in the Company shall be transferred in the prescribed form pursuant to Section 108(1A) of the Act.
- 31. The Board may also decline to recognize any instrument of transfer unless-
  - (a) a fee of two rupees is paid to the Company in respect thereof;
  - (b) The instrument of transfer is accompanied by the certificate of the shares to which it relates, and such other evidence as the Board may reasonably require to show the right of the transferor to make the transfer; and
  - (c) The instrument of transfer is in respect of only one class of shares.
- 32. Subject to the provisions of Section 154 of the Act, the registration of transfers may be suspended at such times and for such periods as the Board may from time to time determine:
 


**Provided** that such registration shall not be suspended for more than thirty days at any one time or for more than forty-five days in the aggregate in any year.
- 33. The Company shall be entitled to charge a fee not exceeding two rupees on the registration of every probate, letters of administration, certificate of death or marriage, power of attorney, or other instrument.

**TRANSMISSION OF SHARES**

- 34. (1) On the death of a member, the survivor or survivors where the member was a joint holder, and his legal representatives where he was a sole holder, shall be the only persons recognized by the Company as having any title to his interest in the shares.
 

(2) Nothing in clause (1) shall release the estate of a deceased joint holder from any liability in respect of any share which had been jointly held by him with other persons.
- 35. (1) any person becoming entitled to a share in consequence of the death or insolvency of a member may, upon such evidence being produced as may from time to time properly be required by the Board and subject as hereinafter provided, elect, either: -
  - (a) to be register himself as holder of the share; or
  - (b) to make such transfer of the share as the deceased or insolvent member could have made.

(2) The Board shall, in either case, have the same right to decline or suspend registration as it would have had, if the deceased or insolvent member had transferred the share before his death or insolvency.
- 36. (1) If the person so becoming entitled shall elect to be registered as holder of the share himself, he shall deliver or send to the Company a notice in writing signed by him stating that he so elects.

  
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(2) If the person aforesaid shall elect to transfer the share, he shall testify his election by executing a transfer of the share.

(3) All the limitations, restrictions and provisions of these regulations relating to the right to transfer and the registration for transfers of shares shall be applicable to any such notice or transfer as aforesaid as if the death or insolvency of the member had not occurred and the notice or transfer were a transfer signed by that member.

37. A person becoming entitled to a share by reason of the death or insolvency of the holder shall be entitled if he were the registered holder of the share, except that he shall not, before being registered as a member in respect of the share, be entitled in respect of it to exercise any right conferred by membership in relation to meetings of the Company.

Provided that the Board may, at any time, give notice requiring any such person to elect either to be registered himself or to transfer the share, and if the notice is not complied with within ninety days, the Board may thereafter withhold payment of all dividends, bonuses or other moneys payable in respect of the share, until the requirements of the notice have been complied with.

**FORFEITURE OF SHARES**

38. If a member fails to pay any call, or installment of a call, on the day appointed payment thereof, the Board may, at any time thereafter during such time as any part of the call or installment remains unpaid, serve a notice on him requiring payment of so much of the call or installment as is unpaid, together with any interest which may have accrued.

39. The notice aforesaid shall :-

(a) name a further day (not being earlier than the expiry of fourteen days from the date of service of the notice) on or before which the payment required by the notice is to be made; and

(b) state that, in the event of non-payment on or before the day so named, the shares in respect of which the call was made will be liable to be forfeited.

40. If the requirements of any such notice as aforesaid are not complied with, any share in respect of which the notice has been given may, at any time thereafter, before the payment required by the notice has been made, be forfeited by a resolution of the Board to that effect.

41. (1) A forfeited share may be sold or otherwise disposed of on such terms and in such manner as the Board thinks fit.

(2) At any time before a sale or disposal as aforesaid, the Board may cancel the forfeiture on such terms as it thinks fit.

42. (1) A person whose shares have been forfeited shall cease to be a member in respect of the forfeited shares, but shall, notwithstanding the forfeiture, remain liable to pay to the Company all moneys which, at the date of forfeiture, were presently payable by him to the Company in respect of the shares.

(2) The liability of such person shall cease if and when the Company shall have received payment in full of all such moneys in respect of the shares.

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- 43. (1) A duly verified declaration in writing that the declarant is a director, the manager or the secretary, of the Company, and that a share in the Company has been duly forfeited on a date stated in the declaration, shall be conclusive evidence of the facts therein stated as against all persons claiming to be entitled to the share.
- (2) The Company may receive the consideration, if any, given for the share on any sale or disposal thereof and may execute a transfer of the share in favour of the person to whom the share is sold or disposed of.
- (3) The transferee shall thereupon be registered as the holder of the share.
- (4) The transferee shall not be bound to see to the application of the purchase money, if any, nor shall his title to the share be affected by any irregularity or invalidity in the proceedings in reference to the forfeiture, sale or disposal of the share.
- 44. The provisions of these regulations as to forfeiture shall apply in the case of non-payment of any sum which, by the terms of issue of a share, becomes payable at a fixed time, whether on account of the nominal value of the share or by way of premium, as if the same had been payable by virtue of a call duly made and notified.

**CONVERSION OF SHARES INTO STOCK**

- 45. The Company may, by ordinary resolution, -
  - (a) convert any paid-up shares into stock; and
  - (b) reconvert any stock into paid-up shares of any denomination.
- 46. The holders of stock may transfer the same or any part thereof in the same manner as, and subject to the same regulations under which, the shares from which the stock arose might before the conversion have been transferred, or as near thereto as circumstances admit:
 

**Provided** that the Board may, from time to time, fix the minimum amount of stock transferable, so however that such minimum shall not exceed the nominal amount of the shares from which the stock arose.
- 47. The holders of stock shall, according to the amount of stock held by them, have the same rights, privileges and advantages as regards dividends, voting at meetings of the company, and other matters, as if they held the shares from which the stock arose; but no such privilege or advantage (except participation in the dividends and profits of the Company and in the assets on winding up) shall be conferred by and amount of stock which would not, if existing in shares, have conferred that privilege or advantage.
- 48. Such of the regulation of the Company (other than those relating to share warrants), as are applicable to paid-up shares shall apply to stock and the words "share" and "shareholder" in those regulation shall include "stock" and "stockholder" respectively.

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**SHARE WARRANTS**

- 49. The Company may issue share warrants subject to, and in accordance with, the provisions of Sections 114 and 115 of the Act; and accordingly the Board may in its discretion, with respect to any share which is fully paid-up, on application in writing signed by the person registered as holder of the share, and authenticated by such evidence (if any) as the Board may, from time to time, require as to the identity of the person signing the application, and on receiving the certificate (if any) of the share, and the amount of the stamp duty on the warrant and such fee as the Board may from time to time require, issue a share warrant.
- 50. (1) The bearer of a share warrant may at any time deposit the warrant at the office of the Company, and so long as the warrant remains so deposited, the depositor shall have the same right of signing a requisition for calling a meeting of the Company, and of attending, and voting and exercising the other privileges of a member at any meeting held after the expiry of two clear days from the time of deposit, as if his name were inserted in the register of members as the holders of the shares included in the deposited warrant.  
 (2) Not more than one person shall be recognized as depositor of the share warrant.  
 (3) The Company shall, on two days' written notice, return the deposited share warrant to the depositor.
- 51. (1) Subject as herein otherwise expressly provided; no person shall, as bearer of a share warrant, sign a requisition for calling a meeting of the Company, or attend, or vote or exercise any other privilege of a member at a meeting of the Company, or be entitled to receive any notices from the Company.  
 (2) The bearer of a share warrant shall be entitled in all other respects to the same privilege and advantages as if he were named in the register of members as the holder of the shares included in the warrant, and he shall be a member of the Company.
- 52. The Board may, from time to time, make rules as to the terms on which (if it shall think fit) a new share warrant or coupon may be issued by way of renewal in case of defacement, loss or destruction.

**SHARE CERTIFICATES**

- 53. The certificate of shares shall be issued in accordance with the provisions of the Companies (Issue of Share Certificates) Rules, 1960.
- 54. (1) Every person whose name is entered as a member in the Register of members shall be entitled to receive within three months after allotment or within two months after the application for the registration of transfer (or within such other period as the conditions of issue shall provide): -  
 (a) One certificate for all his shares without payment; or  
 (b) Several certificates, each for one or more of his shares, upon payment of one rupee for every certificate after the first.  
 (2) Every certificate shall be under the seal and shall specify the shares to which it relates and the amount paid-up thereon.

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(3) In respect of any share or shares held jointly by several persons, the Company shall not be bound to issue more than one certificate, and delivery of a certificate for a share to one of several joint holders shall be sufficient delivery to all such holders.

- 55. (a) A certificate may be renewed or a duplicate of a certificate may be issued if such certificate:-
  - (i) is proved to have been lost or destroyed, or defaced.
  - (ii) having been defaced or mutilated or torn, is surrendered to the Company, or
  - (iii) has no further space on the back thereof for endorsement of transfer.

(b) The manner of issue or renewal of a certificate or issue of a duplicate thereof, the form of a certificate (original or renewed) or of a duplicate thereof, the particulars to be entered in the Register of Members or in the Register of Renewed or Duplicate Certificates, the form of such registers, the fee on payment of which, the terms and conditions, if any, including terms and conditions as to evidence and indemnity and the payment of out-of-pocket expenses incurred by the Company in investigating evidence, on which a certificate may be renewed or a duplicate thereof may be issued, shall be such as prescribed by the Companies (Issue of Share Certificate) Rules, 1960 or any other Rules in substitution or modification thereof.

**DIRECTORS**

- 56. The directors of the Company shall be appointed in accordance with the Act from time to time.
- 57. The number of directors shall not be less than two and shall not exceed twelve at any time.
- 58. The first directors of the Company shall be
  - 1. Mr. KATARU RAVI KUMAR REDDY**
  - 2. Mr. KATARU KIRAN KUMAR REDDY**
- 59. The directors shall not be required to hold any qualification share in the Company.
- 60. The directors shall be paid such remuneration including sitting fees as may be determined by the Board of Directors from time to time.
- 61. Any casual vacancy in the Board shall be filled up at a meeting of Board of Directors.
- 62. The Board of Directors shall have power to appoint additional directors on the Board subject to the provisions of the Act, provided that the number of the directors and additional directors together shall not at any time exceed the maximum strength fixed for the Board by the directors. Such additional director shall hold office only up to the date of the next annual general meeting of the company but shall be eligible for appointment by the company as director at that meeting subject to the provisions of the Act.
- 63. Subject to the provisions of Section 313 of the Act, the Board of Directors may appoint an alternate director to act for a director who is absent for a period of 3 months or more from the state in which the Board meetings are generally held. The alternate shall vacate office upon the return of the original director to the state in which meetings of the Board are generally held.

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- 64. The directors shall not be liable to retirement by rotation.
- 65. The Board may pay all expenses incurred in setting up and registering the Company.
- 66. The Company may exercise the powers conferred by Section 50 of the Act with regard to having an official seal for use abroad, and such powers shall be vested in the Board.
- 67. The Company may exercise the powers conferred on it by Sections 157 and 158 of the Act with regard to the keeping of a foreign register; and the Board may (subject to the provisions of those sections) make and vary such regulations as it may think fit respecting the keeping of any such register.
- 68. All cheques, promissory notes, drafts, hundis, bills of exchange and other negotiable instruments, and all receipts for moneys paid to the Company, shall be signed, drawn, accepted, endorsed, or otherwise executed, as the case may be, by such person and in such manner as the Board shall from time to time by resolution determine.
- 69. Every director present at any meeting of the Board or of a committee thereof shall sign his name in a book to be kept for that purpose.

**PROCEEDINGS OF BOARD**

- 70. The directors of the Company may meet together for the dispatch of business, adjourn and otherwise regulate their meetings and proceedings as they think fit. Provided, however, that the meeting of the Board shall be held at least once in every three calendar months and at least four such meetings shall be held every year. Meetings of the Board may be held within or outside India.
- 71. The Chairman may at any time and the Manager, Secretary or such other Officer of the Company as may be authorized by the Board shall, upon the requisition of a director, convene a meeting of the Board.
- 72. The quorum for a meeting of the Board shall be two directors.
- 73. Any question arising at any meeting of the Board shall be decided by a majority of votes and in case of equality of votes, the Chairman shall have second or casting vote.
- 74. The meeting of the Board for the time being at which quorum is present, shall be able to exercise all or any of the authorities, powers and discretion which by or under the Act of these presents are vested in or exercisable by the Board generally.
- 75. Subject to the provisions of the Act, no resolution shall be deemed to have been duly passed by the Board or by a Committee thereof by circulation, unless the resolution has been circulated in draft, together with the necessary papers, if any, to all the directors, or to all the Members of the Committee, in India and outside India and has been approved by a majority of such directors as are entitled to vote on the resolution. Such resolutions may be approved by the directors and transmitted to the Company by facsimile transmission or by any other secure electronic transmission.

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- 76. The continuing directors may act notwithstanding any vacancy in the board; but, if and so long as their number is reduced below the quorum fixed by the Act for a meeting of the board, the continuing directors or director may act for the purpose of increasing the number of directors to that fixed for the quorum, or of summoning a general meeting of the Company, but for no other purpose.
- 77. (1) The Board may elect a chairman of its meetings and determine the period for which he is to hold office.  
 (2) If no such chairman is elected, or if at any meeting the chairman is not present within five minutes after the time appointed for holding the meeting, the directors present may choose one of their number to be chairman of the meeting.  
 (3) The Board may, subject to the provisions of the Act, delegate any of its powers to committees consisting of such member or members of its body as it thinks fit.  
 (4) Any committee so formed shall, in the exercise of the powers so delegated, conform to any regulations that may be imposed on it by the Board..
- 78. (1) A committee may elect a chairman of its meetings.  
 (2) If no such chairman is elected, or if at any meeting the chairman is not present within five minutes after the time appointed for holding the meeting, the members present may choose one of their number to be chairman of the meeting.
- 79. (1) A committee may meet and adjourn as it thinks proper.  
 (2) Questions arising at any meeting of a committee shall be determined by a majority of votes of the members present, and in case of an equality of votes, the chairman shall have a second or casting vote.
- 80. All acts done by any meeting of the Board or of a committee thereof or by any person acting as a director, shall, notwithstanding that it may be afterwards discovered that there was some defect in the appointment of any one or more such directors or of any person acting as aforesaid or that they or any of them were disqualified, be as valid as if every such director or such person had been duly appointed and was qualified to be a director.
- 81. Save as otherwise expressly provided in the Act, a resolution in writing, signed by all the members of the Board or a committee thereof, for the time being entitled to receive notice of a meeting of the Board or committee, shall be as valid and effectual as if it had been passed at a meeting of the Board or committee, duly convened and held.]

**GENERAL MEETING**

- 82. A general meeting of the Company may be called by giving not less than Three working days notice, provided however that with the consent of the members a general meeting may be called with shorter notice.

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83. Provisions contained in Section 171 and 173 of the Act, shall not apply to the Company.
  84. All general meetings other than annual general meetings shall be called extraordinary general meetings.
  85. The Board may, whenever it thinks fit, call an extraordinary general meeting.
  86. If at any time there are not within India directors capable of acting who are sufficient in number to form a quorum, any director or any two members of the Company may call an extraordinary general meeting in the same manner, as nearly as possible, as that such a meeting may be called by the board.
  87. No business shall be transacted at any general meeting unless a quorum of members is present at the time when the meeting proceeds to business.
  88. Save as herein otherwise provided, two members present in person shall be a quorum.
  89. The chairman, if any, of the board shall preside as chairman at every general meeting of the Company.
  90. If there is no such Chairman, or if he is not present within fifteen minutes after the time appointed for holding the meeting, or is unwilling to act as chairman of the meeting, the shareholders present shall elect the Chairman of the meeting. If at any meeting no director is willing to act as chairman or if no director is present with fifteen minutes after the time appointed for holding such meeting at which a quorum is present, the members present shall chose one of their number to be chairman of the meeting.
  91. The chairman may, with the consent of any meeting at which a quorum is present, and shall, if so directed by the meeting, adjourn the meeting from time to time and from place to place.
  92. No business shall be transacted at any adjourned meeting other than the business left unfinished at the meeting from which the adjournment took place.
  93. When a meeting is adjourned for thirty days or more, notice of the adjourned meeting shall be given as in the case of an original meeting.
  94. Save as aforesaid, it shall not be necessary to give any notice of an adjournment or of the business to be transacted at an adjourned meeting.
  95. In the case of an equality of votes, whether on a show of hands or on a poll, the Chairman of the meeting at which the show of hands takes place, or at which the poll is demanded, shall be entitled to a second or casting vote.
  96. Any business other than that upon which a poll has been demanded may be Proceeded with, pending the taking of the poll.

#### VOTES OF MEMBERS

97. Subject to any rights or restrictions for the time being attached to any class or classes of shares, --

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- (a) on a show of hands, every member present in person shall have one vote; and
- (b) on a poll, the voting rights of members shall be as laid down in Section 87 of the Act.

- 98. In the case of joint holders, the vote of the senior who tenders a vote, whether in person or by proxy, shall be accepted to the exclusion of the votes of the other joint holders. For this purpose, seniority shall be determined by the order in which the names stand in the register of members.
- 99. A member of unsound mind, or in respect of whom an order has been made by any Court having jurisdiction in lunacy, may vote, whether on a show of hands or on a poll, by his committee or other legal guardian, and any such committee of guardian may, on a poll, vote by proxy.
- 100. No member shall be entitled to vote at any general meeting unless all calls or other sums presently payable by him in respect of shares in the Company have been paid.
- 101. (1) No objection shall be raised to the qualification of any voter except at the meeting or adjourned meeting at which the vote objected to is given or tendered, and every vote not disallowed at such meeting shall be valid for all purposes.  
 (2) Any such objection made in due time shall be referred to the Chairman of the meeting, whose decision shall be final and conclusive.
- 102. The instrument appointing a proxy and the power of attorney or other authority, if any, under which it is signed or a notarially certified copy of that power or authority, shall be deposited at the registered office of the Company 48 hours before the time for holding the meeting or adjourned meeting at which the person named in the instrument proposes to vote or, in the case of a poll, not less than 24 hours before the time appointed for the taking of the poll; and in default the instrument of proxy shall not be treated as valid.
- 103. An instrument appointing a proxy shall be in either of the forms in Schedule IX to the Act or a form as near thereto as circumstances admit.
- 104. A vote given in accordance with the terms of an instrument of proxy shall be valid, notwithstanding the previous death or insanity of the principal or the revocation of the proxy or of the authority under which the proxy was executed, or the transfer of the shares in respect of which the proxy is given:  
**Provided** that no intimation in writing of such death, insanity revocation or transfer shall have been received by the Company at its office before the commencement of the meeting or adjourned meeting at which the proxy is used.

**MANAGER OR SECRETARY**

- 105. Subject to the provisions of the Act.

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(a) a manager or secretary may be appointed by the Board for such term, at such remuneration and upon such conditions as it may think fit; and any manager or secretary so appointed may be removed by the Board.

(b) A director may be appointed as manager or secretary.

106. A provision of the Act or these regulations requiring or authorizing a thing to be done by or to a director and the manager or secretary shall not be satisfied by its being done by or the same person acting both as director and as, or in place of, the manager or secretary.

**SEAL**

107. The Company shall have a Common Seal and the Board shall provide for the safe custody thereof. The seal shall not be applied to any instrument except by the authority or resolution of the Board or a committee of the Board authorized by it in that behalf, and except in the presence of at least one director or other person as the Board may appoint for the purpose; and such director or other person aforesaid, shall sign every instrument to which the seal of the Company is so affixed in his presence.

108. The Company shall also have a facsimile of the Common Seal for use outside India as the Board may determine from time to time.

**DIVIDENDS AND RESERVE**

109. The Company in general meeting may declare dividends, but no dividend shall exceed the amount recommended by the Board.

110. The Board may from time to time pay to the members such interim dividends as appear to it to be justified by the profits of the Company.

111. (1) The Board may, before recommending any dividend, set aside out of the profits of the company such sums as it thinks proper as a reserve or reserves which shall, at the discretion of the Board, be applicable for any purpose to which the profits of the Company may be properly applied, including provision for meeting contingencies or for equalizing dividends; and pending such application, may, at the like discretion, either be employed in the business of the Company or be invested in such investments (other than shares of the Company) as the Board may, from time to time, think fit.

(2) The Board may also carry forward any profits which it may think prudent not to divide, without setting them aside as a reserve.

112. (1) Subject to the rights of persons, if any, entitled to shares with special rights as to dividends, all dividends shall be declared and paid according to the amounts paid or credited as paid on the shares in respect whereof the dividend is paid, but if and so long as nothing is paid upon any of the shares in the Company, dividends may be declared and paid according to the amounts of the shares.

(2) No amount paid or credited as paid on a share in advance of calls shall be treated for the purposes of this regulation as paid on the share.

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- (3) All dividends shall be apportioned and paid proportionately to the amounts paid or credited as paid on the shares during any portion or portions of the period in respect of which the dividend is paid; but if any share is issued on terms providing that it shall rank for dividend as from a particular date such share shall rank for dividend accordingly.
113. The Board may deduct from any dividend payable to any member all sums of money if any, presently payable by him to the Company on account of calls or otherwise in relation to the shares of the Company.
114. (1) Any dividend, interest or other moneys or other moneys payable in cash in respect of shares may be paid by cheque or warrant sent through the post directed to the registered address of the holder or, in the case of joint holders, to the registered address of that on the joint holders who is first named on the register of members, or to such person and to such address as the holder or joint holders may in writing direct.
- (2) Every such cheque or warrant shall be made payable to the order of the person to whom it is sent.
115. Any one of two or more joint holders of a share may give effectual receipts for any dividends, bonuses or other moneys payable in respect of such share.
116. Notice of any dividend that may have been declared shall be given to the persons entitled to share therein in the manner mentioned in the Act.
117. No dividend shall bear interest against the Company.

#### ACCOUNTS

118. (1) The Board shall from time to time determine whether and to what extent and at what times and places and under what conditions or regulations, the accounts and books of the Company, or any of them, shall be open to the inspection of members not being directors.
- (2) No member (not being a director) shall have any right of inspecting any account or book or document of the Company except as conferred by law or authorized by the Board or by the Company in general meeting.

#### CAPITALISATION OF PROFITS

119. (1) The Company in general meeting may, upon the recommendation of the Board, resolve:-
- (a) that it is desirable to capitalize any part of the amount for the time being standing to the credit of any of the Company's reserve accounts, or to the credit of the profit and loss account, or otherwise available for distribution; and
- (b) that such sum be accordingly set free for distribution in the manner specified in clause (2) amongst the members who would have been entitled thereto, if distributed by way of dividend and in the same proportions.
- (2) The sum aforesaid shall not be paid in cash but shall be applied, subject to the provision contained in clause (3), either in or towards: -

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*C. J. J. J.*



- (i) paying up any amounts for the time being unpaid or any shares held by such members respectively;
  - (ii) paying up in full, un-issued shares of the Company to be allotted and distributed, credited as fully paid-up, to and amongst such members in the proportions aforesaid; or
  - (iii) partly in the way specified in sub-clause (i) and partly in that specified in sub-clause (ii).
- (3) A share premium account and a capital redemption reserve account may, for the purposed of this regulation, only be applied in the paying up of un-issued shares to be issued to members of the Company as fully paid bonus shares.
- (4) The Board shall give effect to the resolution passed by the Company in pursuance of this regulation.
120. (1) Whenever such a resolution as aforesaid shall have been passed, the Board shall: -
- (a) make all appropriations and applications of the undivided profits resolved to be capitalized thereby, and all the allotments and issues of fully paid shares, if any; and
  - (b) generally do all acts and things required to give effect thereto.
- (2) The Board shall have full power -
- (a) to make such provision, by the issue of fractional certificates or by payment in cash or otherwise as it thinks fit, for the case of shares or debentures becoming distributable in fractions; and also
  - (b) to authorize any person to enter, on behalf of all the members entitled thereto, into an agreement with the Company providing for the allotment to them respectively, credited as fully paid up, of any further shares to which they may be entitled upon such capitalization, or (as the case may require) for the payment by the Company on their behalf, by the application thereto of their respective proportions of the profits resolved to be capitalized, of the amounts or any part of the amounts reaming unpaid on their existing shares.
- (3) Any agreement made under such authority shall be effective and binding on all such member.

**WINDING UP**

121. (1) If the Company is wound-up, the liquidator may, with the sanction of a special resolution of the Company and any other sanction required by the Act, divide among the members, in specie or kind, the whole or any part of the assets of the Company, whether they shall consist of property of the same kind or not.
- (2) For the purpose aforesaid, the liquidator may set such value as he deems fair upon any property to be divided as aforesaid and may determine how such division shall be carried out as between the members or different classes or members.
- (3) The liquidator may, with the like sanction, vest the whole or any part of such assets in trustees upon such trusts for the benefit of the contributories as the

*[Signature]*  
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liquidator, with the like sanction, shall think fit, but so that no member shall be compelled to accept any shares or other securities whereon there is any liability.

**SECURITY CLAUSE**

- 122. No Member shall be entitled to require discovery of or any information respecting any details of the Company's trading or any other matter which may be in the nature of a trade secret, mystery of trade or secret process which may relate to the conduct of the business of the Company and which in the opinion of the Board it will not be in expedient in the interest of the Company to communicate the same.



**INDEMNITY**

- 123. Subject to the provisions of Section 201 of the Act every director of the Company, Officer (whether Managing Director, Manager, Secretary or other Officer) or employee or any person employed by the Company as Auditor shall be indemnified by the Company against liability in respect of matters which arise from acts or omissions of the relevant person in the ordinary course of discharging his or her authorized duties other than liability which arises as a result of that person's dishonesty, fraud or negligence, and it shall be the duty of the Board, out of the funds of the Company to pay all costs, losses and expenses (including traveling expenses) which any such director, officer, employee, or Auditor may incur or become liable to by reason of any contract entered into or act or deed done by him as such director, Officer, employee or Auditor or in any way in the discharge of his duties.
- 124. Subject as aforesaid every director, Officer, employee, or Auditor of the Company shall be indemnified against any liability incurred by him in defending any proceedings whether civil or criminal, in which judgment is given in his favour or in which he is acquitted or discharged in connection with any application under Section 633 of the Act in which relief is granted to him by the Court.

**CERTIFIED TRUE COPY**

*Atm Jaulfr*



Sl. No.	Signature, Name, Father's/husband's name, Address, Date of Birth, occupation of Subscribers.	Signature, Name, Father's/Husband's Name, address and occupation of witness.
1	<p>AXIS WIND ENERGY LTD  REPRESENTED BY ITS  DIRECTOR    KATARU RAVI KUMAR REDDY  S/O K.V. RAMANA REDDY  FLAT NO: 403, #6-3-787,  SHAILI ESTATES, ROYAL  PAVILION, AMERPET  HYDERABAD - 500016.  ANDHRA PRADESH, INDIA.</p>	<p>  B.N. ARISING Ato 86 GOVIND Pto  Chateaud Accountant  Plot no. 554, Phase III, Road no. 92  Jubilee Hills  Hyderabad - 500096</p>

Place: Hyderabad  
Date: 8/2/11







Sl. No.	Signature, Name, Father's/husband's name, Address, Date of Birth, occupation of Subscribers.	Signature, Name, Father's/Husband's Name, address and occupation of witness.
2	<p>K. V. →</p> <p>KATARU RAVI KUMAR REDDY.</p> <p>50 K.U. RAMANA REDDY</p> <p>FLAT NO: 403, G-3-782,</p> <p>SHAILI ESTATES,</p> <p>ROYAL PAVILION,</p> <p>AMEERPET, HYDERABAD</p> <p>PIN CODE - 500016,</p> <p>ANDHRA PRADESH,</p> <p>INDIA.</p> <p>DOB : 22-07-1977,</p> <p>BUSINESS,</p> <p>NOTHING.</p>	<p>B. NARSING RAO <sup>MS No. 72001</sup> 56 Ground Floor</p> <p>Chartered Accountant</p> <p>Plot No. 554, Road no-92</p> <p>Phase III, Jubilee Hills</p> <p>Hyderabad - 500096</p>

Place: Hyderabad  
Date: 8/2/11

CERTIFIED TRUE COPY

*Signature*



Sl. No.	Signature, Name, Father's/husband's name, Address, Date of Birth, occupation of Subscribers.	Signature, Name, Father's/Husband's Name, address and occupation of witness.
3	<p><i>K. Kiran Kumar</i>            KATARU KIRAN KUMAR REDDY,            S/o. K.V. RAMANIA REDDY,            FLAT - 403, 6-3-787,            SHARLI ESTATES,            ROYAL PAVILION,            OPP LANE TO BIGBAZAR,            AMBERPET,            HYDERABAD - 500 016.              28-08-1980.            BUSINESS.</p>	<p><i>B. Masung</i>            B. MASUNG RAO 86 GOVIND RAO            Chentana Accountant            Plot no. 554, Road no-92            Phase III, Jubilee Hills            Hyderabad - 500 096</p>

Place: Hyderabad  
 Date: 8/2/11

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*B. Masung*

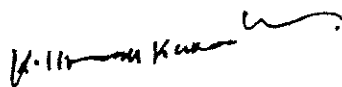


AUTHORITY LETTER

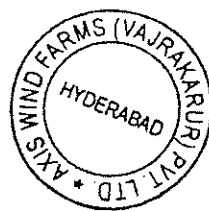
I, Kataru Kiran Kumar Reddy being a Director of M/s. Axis Wind Farms (Vajrakarur) Private Limited (the "Company"), hereby authorise Mr. J. Venkata Kumar S/o. Late J V S N Sastry, aged about 49 Years, working as Project Director, in the Company, to sign, verify, file petition and appear on behalf of the Company, before the Hon'ble Andhra Pradesh Electricity Regulatory Commission for determination of tariff for the Wind Power Project of 50.4 MW capacity proposed to be developed by the Company at Pottipadu Village, North of Ananthapuram district of Andhra Pradesh.

Mr. J. Venkata Kumar, is further authorised to personally appear and make submissions, give evidence, file supporting affidavits, supplementary petitions, documents etc. as may be required from time to time during the hearings, in the above matter and do all other acts, things and deeds as may be necessary in the connection with the aforesaid matter.

For Axis Wind Farms (Vajrakarur) Private Limited



Kataru Kiran Kumar Reddy  
Director  
DIN: 02055063



23



తెలంగాణ తెలంగాణ TELANGANA

*[Signature]*  
C 4147

Sl. No: 23347 Date: 17/10/2015.  
Sold To : Jaisimha  
S/o : Narsig Rao R/o. Hyd.  
To Whom : Suzlon Energy Ltd.

K. N. LAL BABU  
Licenced Stamp Vendor  
LICENCE NO. 16-07-086/2012,  
RLNO. 16-07-002/2015.  
H.No. 3-5-948/91/A, Himayath Nagar  
HYDERABAD DISTRICT  
PHONE NO. 09492424379

**MEMORANDUM OF UNDERSTANDING**

The Memorandum of Understanding ("MOU") is entered into on this 4<sup>th</sup> day of December, 2015 at Vijayawada by and between:

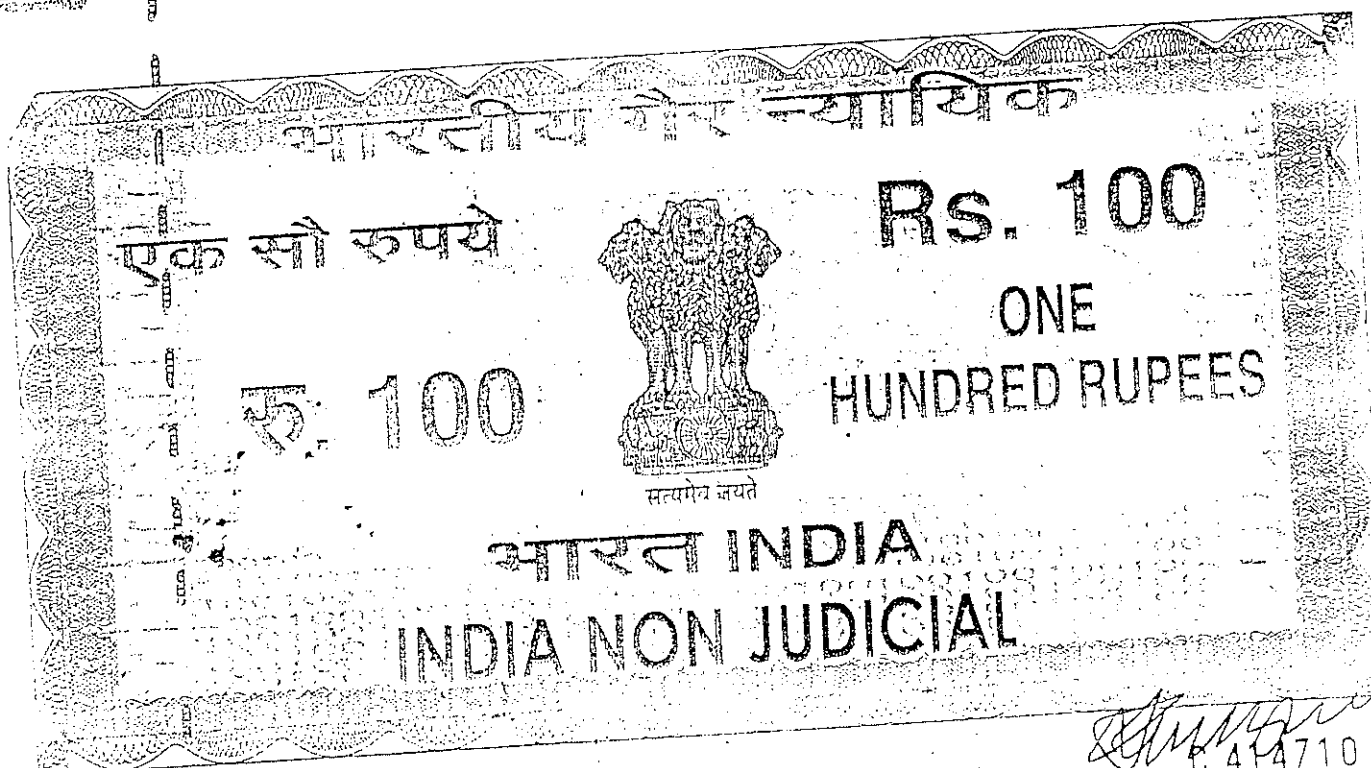
**SUZLON ENERGY LIMITED**, a company duly incorporated under the Companies Act 1956, having its registered office at 5 Shrimali Society, Near Shri Krishna Complex, Navrangpura, Ahmedabad - 380009, Gujarat, India and its Corporate Office at "One Earth" Building, Hadapsar, Pune-411028, Maharashtra, India represented by its authorised signatory Mr Tulsi Tanti, Chairman & Managing Director (hereinafter referred to as "**Suzlon Group**", which term shall mean and include its successors in interest, group companies, associates and assigns).

AND

Suzlon Energy Ltd.  
*[Signature]*  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
*[Signature]*  
Chairman & Managing Director

*[Signature]*  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment  
A.P. Secretariat, Hyderabad - 500 0



తెలంగాణ తెలంగాణ TELANGANA

Sl. No: 23346 Date: 17/10/2015.  
Sold To : Jaisimha  
S/o : Narsig Rao R/o. Hyd.  
To Whom : Suzlon Energy Ltd.

K. N. LAL BABU  
Licenced Stamp Vendor  
LICENCE NO. 16-07-086/2012,  
R.L. NO. 16-07-002/2015.  
H.No. 3-5-948/91/A, Himayath Nagar  
HYDERABAD DISTRICT  
PHONE NO. 09492424379

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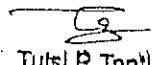
AXIS ENERGY VENTURES INDIA PRIVATE LIMITED, a holding Company of Axis Energy Group, a Company duly incorporated under the Companies Act 1956, Having its registered office at 2<sup>nd</sup> floor, Plot No.3, H No.6-3-680/8/3, PMR Plaza, Thakur Mansion Lane, Somajiguda, Hyderabad - 500082, represented by its authorised signatory Mr. K. Ravikumar Reddy, Chairman & Managing Director (hereinafter referred to "Axis Energy Group" which term shall mean and include its successors in interest, group companies, associates and assigns),


Suzlon Group and Axis Energy Group, hereinafter shall jointly be referred to as the "Parties of First Part/First Party";


AND

GOVERNMENT OF ANDHRA PRADESH, represented by its Secretary, Energy, Infrastructure and Investment Department & CRDA, Government of Andhra Pradesh, Secretariat, Hyderabad, hereinafter referred to as the "Party of the Second Part/Second Party".

Page 2 of 8

Suzlon Energy Ltd.  
  
Tulsir R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
  
Chairman & Managing Director

  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment De:  
A.P. Secretariat, Hyderabad - 500 022





తెలంగాణ తేలంగానా TELANGANA

Sl. No: 23345 Date: 17/10/2015.  
 Sold To : Jaisimha  
 S/o : Narsig Rao R/o. Hyd.  
 To Whom : Suzlon Energy Ltd.

K. N. LAL BABU  
 Licenced Stamp Ven.  
 LICENCE NO. 16/07-086/2012  
 R.L. NO. 16-07-002/2015.  
 H.No. 3-5-948/91A, Himayath N  
 HYDERABAD DISTRI  
 PHONE NO. 094924243

3

WHEREAS:

The Government of India as part of its goal to achieve green energy commitment has emphasized on increasing the development of renewable energy projects and enhancement of the capacities of power production through renewable sources. This has also led to various states with high resources and possibilities of renewable energy power production, such as the state of Andhra Pradesh, to promote the establishment of new and renewable energy projects.

The National Institute of Wind Energy (NIWE) has assessed the potential of the State of Andhra Pradesh in wind power projects to be over 22,000 MW with maximum potential identified in the districts of Ananthapuramu, Kadapa, Kurnool, Chittoor and Nellore. The Second Party, in order to promote the development of clean energy initiative, has issued Wind Power Policy 2015 and the Andhra Pradesh Industrial Policy 2015-2020.

Suzlon Energy Ltd.  
  
 Tulsir R. Tanti  
 Chairman & Managing Director

For Aditi Energy Ventures India Private Limited  
  
 Chairman & Managing Director


AJAY JAIN, IAS.,  
 Secretary to Government  
 Energy, Infrastructure & Investment  
 A.P. Secretariat, Hyderabad - 500030

Suzlon Group which is the largest wind energy player of India, and one of the world leaders, along with its associates is in the business of manufacturing wind turbine generators and developing wind and solar power projects through engineering, procurement and supply model for various independent power producers across India and has about 14 manufacturing facilities spread across India and America. Suzlon Group has built and consolidated its presence in 19 countries and installed over 14,600 MW of wind power projects globally.

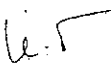
Suzlon Group while participating in the First Renewable Energy Global Investors Meet (RE-INVEST), 2015 held on February 15, 2015, had given a commitment to the Honourable Prime Minister of India, in presence of Honourable Minister for New & Renewable Energy, Power and Coal of India, to develop 11,000 MW of capacity of new wind capacity and develop new manufacturing facilities over a period of five years.

Suzlon Group in pursuance to the said commitment initially signed Memorandum of Understanding dated February 15, 2015 at New Delhi with the Second Party for setting up of manufacturing facility for blades and wind power projects for an aggregate capacity of 430 MW in state of Andhra Pradesh. Subsequently, the Suzlon Group also signed another Memorandum of Understanding dated April 29, 2015 with Industries Department, GoAP on the eve of the launch of Andhra Pradesh Industry Mission, 2015 and Industrial Policy 2015-2020 at Visakhapatnam, for setting up of integrated manufacturing facility for manufacture of wind turbines in the state of Andhra Pradesh. Both the memorandum of understandings dated February 15, 2015 and April 29, 2015 were executed in presence of Honourable Chief Minister of Andhra Pradesh (hereinafter both MoUs are jointly referred as "Suzlon MoUs").

Suzlon Group is desirous of participating in the initiatives of Second Party in harnessing the wind power potential in the state of Andhra Pradesh, by (i) setting up three manufacturing facilities i.e. two (2) at Anathapuramu (for nacelles and blades) and one at Krishnapatnam (for towers) ("Manufacturing Facilities"); and (ii) setting up renewable energy projects for an aggregate capacity of around 3,000 MW capacity of wind power projects and 1000 MW Wind Solar-Hybrid project, at sites feasible for developing such projects in the State of Andhra Pradesh (together "Renewable Energy Projects");

Suzlon Energy Ltd.  
  
 Tulsi R Tanti  
 Chairman & Managing Director

~~For Andhra Pradesh~~ India Private Limited

  
 Chairman & Managing Director


Page 4 of 8


<sup>1068</sup>  
 AJAY JAIN, IAS.,  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept  
 A.P. Secretariat, Hyderabad - 500 022.


Axis Energy Group which is in the business of developing Renewable Energy Projects, in particular Wind and Solar, and had presented the "Green Energy Commitment" to the Honourable Prime Minister of India during the First Renewable Energy Global Investors Meet (RE-INVEST) 2015 on February 15, 2015 at New Delhi. Axis Energy Group gave a commitment to develop 12,500 MW of Renewable Energy Projects comprising of 7,000 MW in wind and 5,500 MW in solar projects.

Axis Energy Group has committed to develop 4,000 MW wind power projects (for which, Axis Energy Group has already entered into a MoU on 28 Wind Monitoring Stations for Wind Resource Assessment studies with NREDCAP/NIWE ("Axis MoU") and 2500 MW solar power projects in the State of Andhra Pradesh. As per initial studies, the potential generation capacity estimated under the Axis MOU is around 3500-4000 MW of wind power projects, in addition to the 1,066 MW capacities of wind power projects sanctioned by the Government of Andhra Pradesh. Accordingly, Axis Energy Group had given commitment to establish wind power projects in state of Andhra Pradesh and had entered into Memorandum of Understanding with the Government of Andhra Pradesh in the presence of the Honourable Chief Minister of Andhra Pradesh on February 15, 2015 ("GoAP MoU"). Government of Andhra Pradesh has given undertaking to facilitate the Axis Energy Group to obtain approvals /permissions / clearances etc. from concerned departments as per rules/policies/regulations prevailing.

The Parties of the First Part, in view of the common objectives under GoAP MoU and the Suzlon MoUs, are proposing to collaborate and jointly develop (under various business models) the Renewable Energy Projects (SUZLON group jointly with Axis Group) and the Manufacturing Facilities (by SUZLON Group) in the State of Andhra Pradesh over a period of next five years. Hence, the Parties of the First Part have also held discussions and decided to jointly approach the Second Party, seeking assistance for setting up the Manufacturing Facilities and developing the Renewable Energy Projects. The Second Party, on the request of the Parties of First Part, have agreed to facilitate the establishment of the Manufacturing Facilities and the development of the Renewable Energy Projects in the State of Andhra Pradesh, pursuant to the provisions of this MoU.

Suzlon Energy Ltd.  
  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
  
Chairman & Managing Director

  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment De  
A.P. Secretariat, Hyderabad - 500 02

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NOW THEREFORE, PARTIES HEREIN HAVE AGREED TO THE FOLLOWING.

1. The Parties of First Part propose to develop (under various business models) the Manufacturing Facilities and Renewable Energy Projects in State of Andhra Pradesh over a period of next five years between 2015 to 2020. The Parties of First Part in this regard agree and undertake to the following:

- (i) Achieve the implementation of Manufacturing Facilities by SUZLON Group and Renewable Energy Projects by SUZLON & Axis Group by March 31, 2020;
- (ii) To generate employment, subject to applicable laws and requirement of the Manufacturing Facilities and Renewable Energy Projects;
- (iii) Set up skill development centres in relation to Manufacturing Facilities and Renewable Energy Projects;
- (iv) Submit a business plan/project schedule identifying the development of the Manufacturing Facilities and the Renewable Energy Projects; and
- (v) Provide security in the form of Bank Guarantee at the rate of Rs. 5 lakhs per MW for the entire capacity of the Renewable Energy Projects, on a progressive basis to the Second Party.

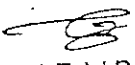
2. The Second Party agrees to the following:

- (i) In relation to setting up of the Manufacturing Facilities and development of the Renewable Energy Projects:

- Priority allotment of government land on long term lease basis to the First Party/ Parties of First Part in accordance with procedure in vogue, and wherever required assistance to the First Party/ Parties of First Part, as the case may be, for procurement of Private and Forest land;


- Facilitate the First Party/ Parties of First Part, as the case may be, in the acquisition of identified land in accordance with law.

- Permit the development of Renewable Energy Projects on the land identified by the First Party;

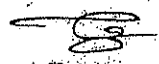
**Suzlon Energy Ltd.**  
  
Tulsi R Tanti  
Chairman & Managing Director

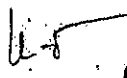
For Axis Energy Ventures India Private Limited


  
Chairman & Managing Director

  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept  
A.P. Secretariat, Hyderabad - 500 022.

- Facilitate the approval of the relevant gram panchayats for setting up the Renewable Energy Projects;
  - Facilitate availability the benefits under single window clearance for procuring necessary approvals and clearances for setting up of the Manufacturing Facilities and development of the Renewable Energy Projects; and
  - (ii) Priority allocation of capacities for the Renewable Power Projects as per the procedures in vogue by NREDCAP;
  - (iii) Make Availability of all benefits under the Wind Power Policy 2015 and the Andhra Pradesh Industrial Policy of 2015-2020.
  - (iii) Make Availability of adequate power evacuation facilities by the power transmission corporation/s for evacuation of power from the inter connecting point of Renewable Energy Projects as per the procedure in vogue.
  - (iv) Make Availability of necessary infrastructure for ensuring unhindered access to and utilisation of the Manufacturing Facilities and the Renewable Energy Projects.
  - (v) Provide to the First Party incentives under the Mega Industrial Policy of the Government of Andhra Pradesh.
3. Execution of firm Power Purchase Agreements for the capacities committed under this MOU with Feed in Tariff as per the prevailing regulations and orders of the AP Electricity Regulatory Commission for Wind Power and Wind Solar Hybrid Power Projects
4. Axis Energy Group represents to the Second Party that they are collaborating with Suzlon Group, for the development of the above mentioned projects and further agrees and confirms to Second Party that as part of the said collaboration, they will allocate capacity to the First Party/ Parties of First Part for development of the Renewable Energy Projects, and extend other rights and benefits to the First Party/ Parties of First Part as may be available to it in terms of the MoU with the Second Party.

**Suzlon Energy Ltd.**  
  
 Tulsir R. Tanti  
 Chairman & Managing Director

**For Axis Energy Ventures India Private Limited**  
  
 Chairman & Managing Director

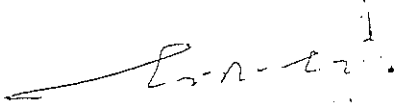
  
**AJAY JAIN, IAS.,**  
 Secretary to Government  
 Energy, Infrastructure & Investment D.  
 A.P. Secretariat, Hyderabad - 500 02

5. Besides the understanding agreed herein, the Second Party and the First Party will execute a Project Implementation Agreement within 30 days from the execution of this MoU, setting out in detail the terms and conditions (including the timelines) for implementation of the commercial transaction contemplated herein.

6. This MoU shall be governed by laws of India.

IN WITNESS WHEREOF, the parties have caused this MoU to be duly executed by their duly authorised representatives on the date and year first here in above.


For and on behalf of  
Suzlon Energy Ltd



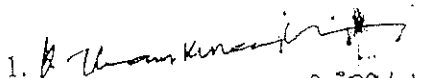
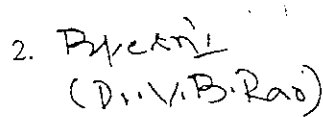
Tulsi Tanti  
Chairman &  
Managing Director

For and on behalf of

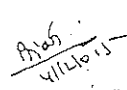
Axis Energy Ventures  
India Private Limited

  
K RAVI KUMAR REDDY  
Chairman &  
Managing Director

Witness:

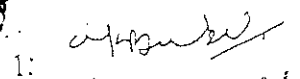
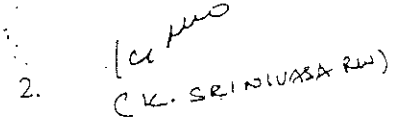
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(K-KIRAN KUMAR REDDY)
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(D.V.B. Rao)

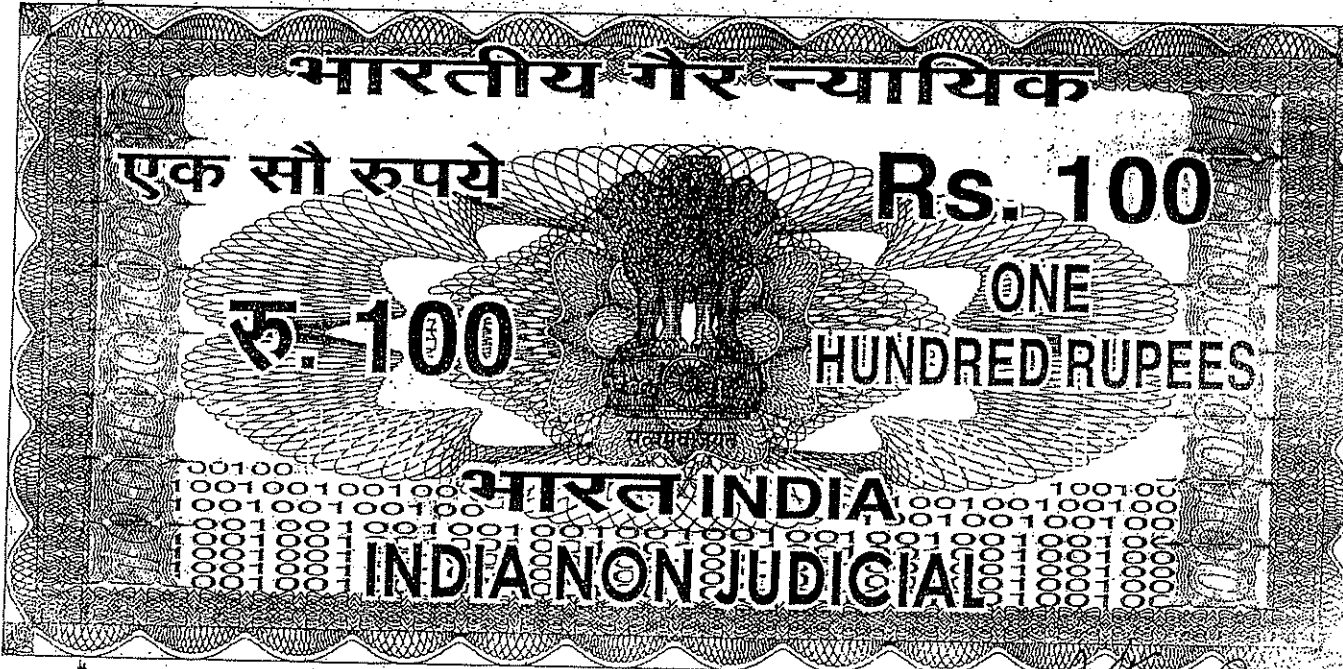
For and on behalf of  
Government of Andhra  
Pradesh



SECRETARY,  
Energy, I&F and CRDA

Witness:

-   
(M. KAMALAKRISHNA)
-   
(K. SRINIVASA RAO)



తెలంగాణ తెలంగాణ TELANGANA

*[Signature]*  
D 912099

Sl. No: 828 Date: 08/01/2016.  
Sold To : Karunakar  
S/o : Late Ramulu R/o. Hyd.  
To Whom : Axis Energy Ventures India Private Limited.

K.N. LAL BABU  
Licenced Stamp Vendor  
LICENCE NO. 16-07-086/2012,  
R.L. NO. 16-07-002/2015,  
H.No. 3-5-948/91/A, Himayath Nagar  
HYDERABAD DISTRICT  
PHONE NO. 09492424379

### PROJECT IMPLEMENTATION AGREEMENT

THIS PROJECT IMPLEMENTATION AGREEMENT ("Agreement") is executed on the 11<sup>th</sup> day of the month of January, 2016 between:

THE GOVERNMENT OF ANDHRA PRADESH, represented by Secretary, Energy, Infrastructure and Investment Department & CRDA, Government of Andhra Pradesh, Secretariat, Hyderabad. (hereinafter referred to as "GoAP" or the "First Party" which expression shall include its successors);

AND

SUZLON ENERGY LIMITED, a company duly incorporated under the Companies Act 1956, having its registered office at 5 Shrimali Society, Near Shri Krishna Complex, Navrangpura, Ahmedabad - 380009, Gujarat, India and its Corporate Office at "One Earth" Building, Hadapsar, Pune-411028, Maharashtra, India represented by its authorised signatory Mr. Tulsir Tanti, Chairman and Managing Director, (hereinafter referred to as "Suzlon"; which term shall mean and include its successors in interest, group companies, associates and assigns);

*[Signature]*  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
*[Signature]*  
Tulsir R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited

*[Signature]*  
Chairman & Managing Director


AND

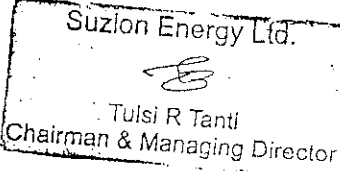

AXIS ENERGY VENTURES INDIA PRIVATE LIMITED, a company duly incorporated under the Companies Act 1956, having its registered office at 2nd Floor, Plot no.3, House No. 6-3-680/8/3, PMR Plaza, Thakur Mansion Lane, Somajiguda, Hyderabad – 500 082, represented by its authorised signatory Mr. K. Ravi Kumar Reddy, Chairman and Managing Director (hereinafter referred to “Axis” which term shall mean and include its successors in interest, group companies, associates and assigns),

Suzlon and Axis are hereinafter jointly referred to as “Second Party”

WHEREAS:

- A. Suzlon along with its associates is engaged in the business of manufacturing wind turbine generators and developing wind and solar power projects through engineering, procurement and supply model for various independent power producers. Axis, is one of the largest independent power producers in India with primary focus in development and operations of renewable energy projects.
- B. Government of India (GoI) (defined hereinafter) as part of its goal to achieve green energy commitment has emphasized on increasing the development of renewable energy projects and enhancement of the capacities of power production through renewable energy sources. This has also led to various states with high resources and possibilities of renewable energy power production, such as the state of Andhra Pradesh, to promote the establishment of new and renewable energy projects. The GoAP, in order to promote the development of clean energy initiative, has issued Wind Power Policy 2015 and the Andhra Pradesh Industrial Policy 2015-2020.
- C. The National Institute of Wind Energy (NIWE) has assessed the potential of the state of Andhra Pradesh in wind power projects to be over 22,000 MW with maximum potential identified in the districts of Ananthapuramu, Kadapa, Kurnool, Chittoor and Nellore.
- D. Suzlon while participating in the first renewable energy global investors meet (RE-INVEST), 2015 held on February 15, 2015, had given a commitment to the Honorable Prime Minister of India, in the presence of Honorable Minister for New and Renewable Energy, Power and Coal of India, to develop 11,000 MW of capacity of new wind capacity and develop new manufacturing facilities over a period of 5 years. Suzlon in pursuance to the said commitment initially signed memorandum of understanding (MoU) dated February 15, 2015 at New Delhi with the GoAP for setting up of manufacturing facility for blades and wind power projects for an aggregate capacity of 430 MW in the state of Andhra Pradesh. Subsequently, Suzlon also signed another MoU dated April 29, 2015 with Industries Department, GoAP on the eve of the launch of Andhra Pradesh Industry Mission, 2015 and Industrial Policy 2015-20 at Vishakapatnam, for setting up of integrated manufacturing facility for manufacture of wind turbines in the state of Andhra Pradesh. Both the MoU dated February 15, 2015 and April 29, 2015 were executed in presence of Honorable Chief Minister of Andhra Pradesh. (both these documents are attached as Annexure 1).
- E. Axis Energy which is in the business of developing Renewable Energy Projects, in particular Wind and Solar, and had presented the “Green Energy Commitment” to the Honourable Prime Minister of India during the First Renewable Energy Global Investors Meet (RE-INVEST), 2015 on February 15, 2015 at New Delhi. Axis Energy Group gave a commitment to develop 12,500 MW of Renewable Energy Projects comprising of 7,000 MW in wind and 5,500 MW in solar projects.

  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

  
Suzlon Energy Ltd.  
  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
  
Chairman & Managing Director




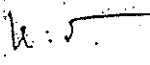
- F. Axis Energy based on the commitment in RE-INVEST 2015 has committed to develop 4,000 MW wind power projects (for which, Axis Energy has already entered into a MoU on 28 Wind Monitoring Stations for Wind Resource Assessment studies with NREDCAP/NIWE ("Axis MoU") and 2500 MW solar power projects in the State of Andhra Pradesh and entered into *Memorandum of Understanding* with the Government of Andhra Pradesh in the presence of the Honourable Chief Minister of Andhra Pradesh on February 15, 2015 ("GoAP MoU"). In terms of the GoAP MoU, Government of Andhra Pradesh has given undertaking to facilitate the Axis Energy Group to obtain approvals/permissions/clearances etc. from concerned departments as per rules/policies/regulations prevailing.
- G. In view of the common objectives and intention of developing renewable energy projects both Suzlon and Axis have discussed and agreed to collaborate and jointly develop the Renewable Energy Projects (as defined hereinafter) in the state of Andhra Pradesh and accordingly on September 03, 2015 a proposal was submitted to GoAP for development of 4000 MW of renewable energy projects in AP along with manufacturing facilities. GoAP after considering the proposal with the concerned authority approved the same and has issued government order G.O.Ms No. 15 dated November 27, 2015 ("GO") (attached herewith as Annexure 2).
- H. The Parties in pursuance of said GO, have executed Memorandum of Understanding dated December 04, 2015 ("MoU") attached herewith as Annexure 3. As per the MoU, Suzlon and Axis have agreed to jointly participate in developing renewable energy projects (comprising of wind power projects (3000 MW) and wind-solar hybrid power projects (1000 MW) projects) for an aggregate capacity of about 4000 MW ("Renewable Energy Projects") and Suzlon shall additionally develop facilities for manufacturing blade, tower, nacelle/generator at multiple locations such as Anathapuramu and Nellore districts or such other districts identified subsequently ("Manufacturing Facilities").
- I. In terms of the MoU the Parties had agreed to execute Project Implementation Agreement incorporating the terms and conditions relating to the implementation of the Renewable Energy Projects and the Manufacturing Facilities.

NOW THEREFORE, PARTIES HEREIN HAVE AGREED TO THE FOLLOWING.

- 1. **INTERPRETATIONS**
  - 1.1 The nomenclature of this Agreement, heading and paragraph numbers are only for the convenience of reference -.
  - 1.2 Reference to persons and words denoting natural persons shall include bodies, corporate, partnerships, joint ventures, statutory and other authorities and entities.
  - 1.3 Reference to any enactment, ordinance or regulation or any provision thereof shall include any amendment thereof or any replacement in whole or in part.
  - 1.4 Reference to Recitals, Clauses, or Sub-Clauses shall unless the context otherwise requires, be deemed to include the Recitals, Clause or Sub-Clauses of this Agreement.
  - 1.5 The words importing singulars shall include plurals and vice-versa as the case may be.
  - 1.6 Terms beginning with capital letters and defined as per this Agreement shall have the same meaning ascribed thereto.
  - 1.7 Any reference at any time to any agreement, deed, instrument, license or document of any description shall be construed as reference, to that agreement, deed, instrument, license or other document as amended varied, supplemented, modified or suspended at the time of such

AJAY JAIN, IAS.,  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept.  
 A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
  
 Tulsil R Tantir  
 Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
  
 Chairman & Managing Director

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reference provided that this Clause shall not operate so as to increase liability or obligations of any Party hereunder or pursuant hereto in any manner whatsoever.

1.8 Any agreement, consent, approval, authorization, notice, communication, information or report required under or pursuant to this Agreement from or report required under or pursuant to this Agreement from or by any party shall be valid and effectual only if it is in writing and under the hands of duly authorized representative of such party in this behalf and not otherwise.

1.9 Any reference to any period commencing "from" a specified day or date and "till" or "until" a specified day or date shall include both such days' or dates.

1.10 The words / expressions used in this Agreement shall bear the same meaning as assigned to them in the context in which these have been used in this Agreement.

## 2. DEFINITIONS

2.1 In this Agreement, the various terms shall have the following meanings, except where the context otherwise requires, definitions and other terms expressed in the singular shall also include the plural and vice versa, namely:-

"Agreement" means this Agreement together with the Schedules attached herein and any amendments made thereto in accordance with the provisions herein contained.

"Applicable Permits" shall mean all clearances, permits, authorisations, consents and approvals required to be obtained or maintained under applicable laws in connection with the Renewable Energy Projects and/or the Manufacturing Facilities during the subsistence of this Agreement.

"Arbitration Act" means the Arbitration and Conciliation Act, 1996 and shall include modifications to or any re-enactment thereof as in force from time to time.

"Commercial Operation" shall mean the date when the Renewable Energy Projects or the Manufacturing Facilities, as the case may be, shall be commissioned as per the respective implementation plan agreed with GoAP.

"Dispute" shall have the meaning as specified in Clause 10.

"Effective Date" shall mean the date of signing of this Agreement.


"Force Majeure" shall have the meaning as ascribed thereto in Clause 8.


"GoAP" shall mean the state government of the Andhra Pradesh.


"GoI" shall mean Government of India.

"Individual Project" shall mean each renewable energy project set up as part of the Renewable Energy Projects based on allotment issued by NREDCAP.

"Interconnection Facilities" means all the equipment and facilities, including, but not limited to, all metering facilities, switchgear, substation facilities, transmission lines and

  
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Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
  
Tulsil R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
  
Chairman & Managing Director


Related infrastructure necessary to enable the evacuation of power from the inter connecting point of an Individual Project to the grid.

"Power Purchase Agreement" shall mean a contractual agreement to be signed with the Andhra Pradesh Power Distribution Companies or any other body for the sale of power generated from the Renewable Energy as may be approved by APERC from time to time.

"Parties" shall mean collectively GoAP and the Second Party.

"Site" means the land used for development of Renewable Energy Projects and the Manufacturing Facilities.

<sup>RSB</sup>  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private L

Chairman & Managing D

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CLAUSE 3

TERMS OF THE AGREEMENT

3.1 Effectiveness

This Agreement shall come into force from the Effective Date.

3.2 Term of the Agreement

This Agreement shall remain in force for a period of 7 (seven) years from the Effective Date to remain valid till December 31, 2022 ("Term") including period of construction, development and operation of the Renewable Energy Projects and the Manufacturing Facilities.

3.3 GoAP Support

GoAP agrees that the principal objective of this Agreement is support for timely completion of the Renewable Energy Projects and the Manufacturing Facilities. GoAP therefore agrees to provide the support to the Second Party as set out in this Agreement.

CLAUSE 4

EXECUTION OF RENEWABLE ENERGY PROJECTS

4.1 ASSURANCES OF GoAP

4.1.1 Grant of Consents and Approvals

In order to facilitate the construction and operation of the Renewable Energy Projects, GoAP agrees to extend the following benefits, either through single window clearance mechanism as per GOMs No. 15 Wind Power Policy 2015 or through priority allocation and shall:

- (i) Cause NREDCAP as per the prevailing policies to provide permissions to the Second Party for conducting Wind Resource Assessment studies at potential sites.
- (ii) Cause that NREDCAP as per the prevailing policies to allot capacities in National Wind Energy Institute (NIWE)/ NREDCAP notified sites and also in the potential sites identified by Second Party in the state of Andhra Pradesh in private, revenue and forest lands.
- (iii) Upon application by Second Party or any associate/subsidiary company of Second Party or vendors identified by the Second Party for executing the Renewable Energy Projects, any other person acting on their behalf, GoAP agrees, in compliance of with applicable laws, to grant such Applicable Permits or extensions and/or renewals as are required for or in connection with the Renewable Energy Projects, for the execution and development of the Renewable Energy Projects to complete in a timely manner.

4.1.2 Allocation of Land

The availability of land being one of the paramount requirements, GoAP agrees to take the following actions in connection with the construction and operation of the Renewable Energy Projects:

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AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
*S*  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
*W.S.*  
Chairman & Managing Director

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- (i) subsequent to the allotment of capacities for the Renewable Energy Projects, wherever available provide to the Second Party or subsidiary company of the Second Party, revenue land owned by GoAP on long term lease basis as per the policy in force in this regard. The lease agreements should entitle the lessee to mortgage the lease hold rights on such land to the lenders / financiers of the Renewable Energy Projects, with prior consent of the GoAP / NREDCAP;
  - (ii) To facilitate the Second Party by issue of necessary governmental orders / directions / notifications and taking all administrative actions in compliance of provisions of applicable law for the acquisition process of private land in favour of Second party or any associate/subsidiary company of Second Party, in the potential areas to be identified by Second Party in the districts of Ananthapuramu, Kadapa, Kurnool, Chittoor and Nellore or such other districts identified from time to time;
  - (iii) To facilitate the capacities that have been identified in the endowment lands, GoAP will extend the necessary support to expedite the approvals from the concern authority as per the applicable rules and procedures.
  - (iv) to facilitate the capacities that have been identified in the forest areas, GoAP will extend the necessary support to expedite the approvals and diversion of forest land at the State and Central level. The Compensatory Afforestation land required for such projects may be allotted from the land bank available with the GoAP by collecting the necessary fee/ charges as per applicable law.
  - (v) to provide access to the Site for conducting wind resource assessment tests and any pre-feasibility tests in relation to the Renewable Energy Projects.

#### 4.1.3 Access Rights to Site

GoAP agrees to, on a continuous basis and within the time period decided by the Co-ordination Committee provide: (i) unhindered rights of access rights to the Site; and (ii) such other rights of access and, as may be required by the Second Party, in relation to construct, operate and maintain the Renewable Energy Projects. In case of any issues pertaining to such right-of-way, GoAP shall provide all administrative assistance to Second Party.

#### 4.1.4 Approvals and Permits from Gram Panchayat and Local bodies


GoAP will facilitate the approvals and permits required from the village panchayats and the local bodies by payment of necessary Development Charges and Layout fee on a time bound basis.

#### 4.1.5 Benefits under Renewable Energy Policies of Andhra Pradesh

In relation to the development of the Renewable Energy Projects, GoAP agrees to extend all benefits available under the Wind Power Policy 2015, Solar Power Policy, 2015 including but not limited to the following:

- (i) provide the Second Party or any associate/subsidiary of the Second Party/Suzlon/Axis identified by the Second Party incentives and exemptions and benefits under the Wind Power Policy 2015, Solar Power Policy, 2015;
- (ii) exemption of the Renewable Energy Projects from payment of electricity duty applicable toward sale of power to the power distribution companies of Andhra Pradesh;

AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
  
Tuls R Tahtl  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited

u-1  
Chairman & Managing Director

- (iii) grant deemed PPP status to the Renewable Energy Projects;
- (iv) grant deemed industry status to the Renewable Energy Projects so that they are eligible for incentives made available to the industrial units under various schemes launched by the Industrial Department, GoAP from time to time;
- (v) grant must run status to the Renewable Energy Projects;
- (vi) In relation to the Site for development of the Renewable Energy Projects GoAP shall issue deemed non-agricultural use permission, subject to payment of applicable charges by the Second Party
- (vii) exemption for obtaining clearance from State Pollution Control Board;

#### 4.1.6 Power Evacuation Infrastructure for Renewable Energy Projects

GoAP agrees to cause the APTRANSCO to evacuate power produced from the Renewable Energy Projects, on preferential basis. The power generated from the Renewable Energy Projects shall be provided adequate power evacuation facilities by the power transmission corporation for evacuation of power from the inter connecting point of Renewable Energy projects as per procedure in vogue and in compliance of APERC orders.

#### 4.1.7 Execution of Power Purchase Agreement

GoAP agrees to cause the power distribution companies of Andhra Pradesh/ APPCC to execute firm Power Purchase Agreements in the format attached as Annexure 5 as may be approved by APERC and purchase the entire capacity of power generated from the Renewable Energy Projects at tariff determined by the Andhra Pradesh Electricity Regulatory Commission under Section 61 (h) of Electricity Act, 2003 and the terms of PPA approved by Commission from time to time.

### 4.2 COVENANTS OF THE SECOND PARTY

#### 4.2.1 Commissioning of Renewable Energy Projects

The Second Party, agrees to achieve the implementation of the Renewable Energy Projects by March 31, 2022, as per the indicative schedule attached in Annexure 4.

4.2.2 In this regard the Parties agree to mutually discuss and arrive at implementation plans indicating the schedule of different activities to be performed by the development of the Renewable Energy Projects.

4.2.3 The Renewable Energy Projects shall require manpower during its construction and operation, Second Party agrees, subject to applicable laws, to provide employment and make necessary arrangements to provide employments to local residents and/or residents of the state of Andhra Pradesh based on the educational qualifications and technical skills.

4.2.4 Upon commissioning of each Individual Project, the Second Party agrees to make payments of any fee payable to NREDCAP, DISCOM, or any other government department as may be levied from time to time in relation to such Individual Project.

4.2.5 In relation to the development and construction of the Renewable Energy Projects, Second Party shall have the option to incorporate special purpose companies and GoAP agrees to

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Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
Chairman & Managing Director

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extend all the benefits available to Second Party, directly or indirectly, under this Agreement to such special purpose companies.

Second Party shall however be jointly and severally responsible to perform all the obligations stated in this Clause 4.2.

## CLAUSE 5

### EXECUTION OF MANUFACTURING FACILITIES

#### 5.1 OBLIGATIONS OF GoAP

##### 5.1.1 Grant of Consents and Approvals

In order to facilitate the construction and operation of the Manufacturing Facilities upon application by Suzlon or any of its associate/subsidiary company or any other person acting on its behalf, GoAP agrees to ensure in a time bound manner and in compliance with applicable laws the issuance of such Applicable Permits or extensions and/or renewals as are required, either through single window clearance mechanism or through priority allocation.

##### 5.1.2 Allocation of Land

In relation to the Site for the Manufacturing Facilities, GoAP agrees:

- (i) to allot to Suzlon or any of its associate/subsidiary company or any other person acting on its behalf, available revenue land owned by GoAP on long term lease basis as per Industrial Policy of 2015-2020 valid for a period of 99 (ninety nine) years, in accordance with applicable law. GoAP agrees and warrants, that it shall provide and handover physical, vacant, peaceful, obstacle free, unencumbered possession of the entire allotted land free from any and all liens. The lease agreements should entitle the lessee to mortgage the lease hold rights on such land to the lenders / financiers of the Manufacturing Facilities, with prior consent of the GoAP.
- (ii) extend all support and assistance and issue necessary governmental orders / directions / notifications and take all administrative actions facilitating the acquisition process especially in the potential areas to be identified by Suzlon, where private land is to be acquired by Suzlon or any of its associate/subsidiary company or any other person acting on its behalf.
- (iii) in case the allotted land involves forest land, by expediting the process at GoAP level and also facilitate on a best efforts basis those required at GoI level.

##### 5.1.3 Access Rights to Site

GoAP agrees to, on a continuous basis and within time periods decided by the Coordination Committee provide; (i) unhindered rights of access to the Site; and (ii) such other rights of access and, as may be required by Suzlon or any of its Contractors or sub-contractors, in relation to construction and operation of the Manufacturing Facilities. In case of any issues pertaining to such right of way, GoAP shall provide all administrative assistance to Suzlon.

##### 5.1.4 Benefits under the Andhra Pradesh Industrial Policy of 2015-2020

GoAP agrees to accord mega industry status to the Manufacturing Facilities as per the policies in force. GoAP in accordance with the Andhra Pradesh Industrial Policy of 2015-

*Mish*  
AJAY JAIN, IAS.,  
Secretary to Government,  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
*[Signature]*  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited

*[Signature]*  
Chairman & Managing Director

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2020 also to consider to extend to Suzlon or any of its associate/subsidiary company or any other person acting on its behalf, tailor-made benefits on case to case basis including but not limited to peripheral infrastructure, electricity supply and fiscal incentives to enable the time bound construction and operation of the Manufacturing Facilities.

## 5.2 OBLIGATIONS OF SUZLON

### 5.2.1 Commissioning of the projects


Suzlon agrees to set up the Manufacturing Facilities. Suzlon shall also establish a skill development centre and a Suzlon Chair of such skill development centre in the Energy University proposed to be set up in in Andhra Pradesh.

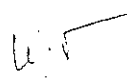
5.2.2 In this regard the Parties agree to mutually discuss and arrive at implementation plans indicating the schedule of different activities to be performed by the development of the Manufacturing Facilities.

5.2.3 The Manufacturing Facilities shall require manpower during its construction and operation. Suzlon agrees, subject to applicable laws, to provide employment and make necessary arrangements to provide employments to local residents and/or residents of the state of Andhra Pradesh based on the educational qualifications and technical skills.

5.2.4 For the development and construction of the Manufacturing Facilities, Suzlon shall have the option to incorporate special purpose companies and GoAP agrees to extend all the benefits available to Suzlon under this Agreement to such special purpose companies.

<sup>6/5</sup>  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
  
Tulsi R Tanti  
Chairman & Managing Director

or Axis Energy Ventures India Private Limited  
  
Chairman & Managing Director



CLAUSE 6

SPECIAL PROVISIONS

- 6.1 GoAP shall use its best efforts to facilitate that the incentives and exemptions declared by GoAP and/or GoI from time to time after the Effective Date, whether in relation to promoting the renewable energy sector in India or on account of special assistance to industries being set up in the state of Andhra Pradesh for manufacture of renewable energy equipment and are made available to the Renewable Energy Projects and the Manufacturing Facilities, as the case may be.
- 6.2 GoAP agrees to take all steps to ensure that no action or combination of actions are taken the effect of which is or are discriminatory and which treats the Second Party less favorably than any other developer of renewable energy projects in the state of Andhra Pradesh or treats the Renewable Energy Projects or the Manufacturing Facilities less favorably than any projects of similar nature and size which may be developed from time to time in the state of Andhra Pradesh.
- 6.3 Constitution of Coordination Committee
  - 6.3.1 GoAP agrees to constitute and set-up a coordination committee ("Coordination Committee") for ensuring smooth and efficient execution of the Renewable Energy Projects and the Manufacturing Facilities. The Coordination Committee shall comprise of the following:
    - (i) the Secretary, Energy Department, GoAP
    - (ii) the Secretary to CM, GoAP (Energy)
    - (iii) the Secretary, Industries Department, GoAP
    - (iv) the Managing Director, APTRANSCO
    - (v) the Vice Chairman and Managing Director, NREDCAP
    - (vi) the representatives of Suzlon and Axis
    - (vii) As and when required from any of other Department of GoAP/District Administration

The Coordination Committee may form such committees as may be required for resolution of specific issues arising in the execution of the Renewable Energy Projects and the Manufacturing Facilities.


- 6.3.2 The Coordination Committee shall, unless otherwise agreed between the Parties, initially hold meetings once in every month.


6.4 Assistance to procure construction material

GoAP agrees to on best efforts basis provide the following assistance to the Second Party in procuring construction material required for the setting up of the Renewable Energy Projects and the Manufacturing Facilities:

- (i) priority allotment of licenses for carrying out quarry activities and sand mining along with waiver in terms of respective policy in force from ceiling limits provided in the licenses being generally issued, so that it is able to obtain adequate quantity of construction material required for the renewable energy projects and manufacturing; or
- (ii) assistance for procuring preferential supply of aggregates/cements/sand etc. from respective manufacturers and/or suppliers on priority basis.

*Ans*  
**AJAY JAIN, IAS.**  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept.  
 A.P. Secretariat, Hyderabad - 500 022.

**Suzlon Energy Ltd.**  
  
**Tulsir R Tanfi**  
 Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
  
**Chairman & Managing Director**

- 6.5 Upon signing of definitive agreement by NREDCAP for renewable energy projects as Single Window Clearing Agency, Suzlon shall furnish to GoAP or such governmental instrumentality of GoAP, performance guarantees for the entire capacity of the Renewable Energy Projects aggregating to Rs. 200 crores, calculated at the rate of Rs. 5 lakhs per MW and which shall be enforceable against the defaulting parties as per applicable laws. GoAP agrees that upon the commissioning of each Individual Project, performance guarantee submitted by Suzlon in relation to such Individual Project shall be returned to Suzlon forthwith and in any event not later than 5 (five) days from the date of commissioning of such Individual Project.
- 6.6 In order to enable the due performance of the duties, obligations and objectives of the Parties under this Agreement, GoAP agrees to cause the execution of enforceable and binding agreements with each of the relevant departments, corporations, companies of GoAP as may be required in relation to the execution of the Renewable Energy Projects and/or the Manufacturing Facilities, from time to time under applicable laws or any policies of such departments, corporations, companies of GoAP.

#### CLAUSE 7

#### REPRESENTATIONS AND WARRANTIES

- 7.1 Each Party represents and warrants to the other Party that:
- 7.1.1 It has full power and authority to execute, deliver and perform this Agreement;
- 7.1.2 It has taken all necessary action to authorise the execution, delivery and performance of this Agreement;
- 7.1.3 The execution of this Agreement and performance hereunder shall constitute a binding on both the parties.

#### CLAUSE 8

#### FORCE MAJEURE

- 8.1 Force Majeure shall mean any event or circumstance or combination of events or circumstances that wholly or partly prevent or unavoidably delay the Party claiming Force Majeure (hereinafter referred to as the "Affected Party") in the performance of its obligations under this Agreement and which act or event:
- 8.1.1 is beyond the reasonable control of and not arising out of the fault of the Affected Party;
- 8.1.2 the Affected Party has been unable to prevent by the exercise of due diligence and reasonable efforts, skill and care, including through expenditure of reasonable sums of money; and
- 8.1.3 has a materially adverse effect on the Renewable Energy Projects or the Manufacturing Facilities.
- Such events include any acts of GoAP either in its sovereign or its contractual capacity, war, civil war, insurrection, riots, revolutions, fires, floods, epidemics, quarantine restrictions, freight embargoes, radioactivity and earthquakes.
- 8.2 Upon the occurrence of any Force Majeure Event:

*AJ*  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
*[Signature]*  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
*[Signature]*  
Chairman & Managing Director

8.2.1 The date for achieving the specific obligations shall be extended by the period for which such Force Majeure event subsists and the Term shall be proportionately extended; and

8.2.2 The Parties shall bear their respective costs and no Party shall be required to pay to the other Party any costs arising out of any Force Majeure Event.

#### CLAUSE 9

##### GOVERNING LAW

9.1 The rights and obligations of the Parties under or pursuant to this Agreement shall be governed by and constructed according to applicable law. This Agreement shall be subject to the jurisdiction of the competent courts at capital city of Andhra Pradesh.

#### CLAUSE 10

##### RESOLUTION OF DISPUTES

10.1 Good Faith Negotiations

All disputes, disagreement or difference between the Parties (each a "Dispute"), arising out of or in relation to the construction or operation of the Renewable Energy Projects or the Manufacturing Facilities, shall be resolved through the following dispute resolution procedure:


10.1.1 Either Party shall give to the other a written notice setting out the material particulars of Disputes and requiring an authorized Senior Executive Officer each from the GoAP and the Second Party, to meet in person at the capital city of Andhra Pradesh or at any other mutually agreed place within 20 (twenty) working days of the date of receipt of such notice by the relevant party to attempt negotiation in good faith and using their best endeavours at all times to resolve the Disputes.

10.1.2 If the Dispute is not resolved as evidenced by the terms of the settlement being reduced to writing and signed by the Senior Executive Officers of both the Parties within 30 (thirty) working days after the date of receipt of the Notice described in Clause 10.1.1.

10.1.3 If the Dispute is not resolved at the meeting of the Senior Executive Officers of both the Parties, the Secretary, Energy Department, GoAP and the Chairman of Suzlon and/or Axis shall meet at the capital city of Andhra Pradesh or any other mutually agreed place within 30 (thirty) working days after the expiry of the period as mentioned in Clause 10.1.2, to attempt negotiations in good faith and using their best endeavours at all times to resolve the dispute within a further period of 30 (thirty) days and if the Dispute is still not resolved as evidenced by the terms of the settlement being reduced to writing and signed by the authorised representatives of both the Parties, the provisions of the Clause 10.2 shall apply, unless the said period is mutually extended.

10.2 All Disputes not resolved between the Parties in accordance with Clause 10.1, shall be settled by way of arbitration in accordance with the provision of Arbitration and Conciliation Act, 1996 including any statutory modification or variation thereof, by reference to an arbitrator

<sup>not</sup>  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
  
Tuls R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
13  
Chairman & Managing Director

panel of 3 (three) arbitrators, one to be appointed by the Second Party, one to be appointed by GoAP and the third to be appointed by the two arbitrators so appointed, who shall act as Chairperson of the Arbitral Tribunal. All expenses of such third arbitrator shall be borne and paid by the parties in equal proportion. The arbitrators shall give a speaking Award.

- 10.3 The Award rendered in any arbitration commenced hereunder shall be final and binding.
- 10.4 During the pendency of any Arbitration the Parties shall continue to perform their respective obligations as detailed in this Agreement unless such performance cannot be reasonably continued.
- 10.5 The arbitration proceedings shall take place at capital city of Andhra Pradesh only and the Courts of the state of Andhra Pradesh alone have jurisdiction to this purpose.
- 10.6 The right to arbitrate disputes under this Agreement shall survive the expiry of term or the Termination of this Agreement.

#### CLAUSE 11 AMENDMENTS

- 11.1 No amendments or waiver of any provision of this Agreement and no consent to any departure by either party here form, shall in any event be effective unless the same shall be writing and signed by each of the Parties.

#### CLAUSE 12 COMMUNICATION

- 12.1 Any communication/notice by one Party to the other under this Agreement shall be deemed to be served if sent by cable, fax or E-mail followed by a confirmation letter delivered by hand or by registered mail to the respective addresses.

- 12.2 Communication should be addressed as below:

The Secretary, Energy, Infrastructure & Investment, CRDA  
Government of Andhra Pradesh,  
Secretariat, Hyderabad 500 022  
Tel No.: +91 040 23453304  
Fax No.: +91 040 23451678  
Email id: [secyenergyap@gmail.com](mailto:secyenergyap@gmail.com)

The Chairman and Managing Director,  
Suzlon Energy Limited,  
One Earth" Building, Hadapsar,  
Pune-411028, Maharashtra, India  
Tel. No.: +91-20-67022000/61356135/67202500  
Fax No.: +91-20-67022100/67022200  
Email id: [cmd@suzlon.com](mailto:cmd@suzlon.com)

The Chairman and Managing Director,  
Axis Energy Ventures India Private Limited,  
2nd Floor, Plot no.3, House No. 6-3-680/8/3, PMR Plaza,  
Thakur Mansion Lane, Somajiguda, Hyderabad – 500 082  
Tel No.: +91 040 23412312/23412313  
Fax No.: +91 040 23412314  
Email id: [ravi@axisenergy.in](mailto:ravi@axisenergy.in)

AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
Chairman & Managing Director

CLAUSE 13  
MISCELLANEOUS

13.1 Relationship of the Parties

This agreement shall not be interpreted or construed or create an association, joint venture or partnership between the parties or to impose any partnership obligation or right upon either Party. Neither Party shall have any right, power or authority to enter into any agreement or undertaking for, or act on behalf of, or to act as or be an agent or representative of, or to otherwise bind, the other party.

13.2 Third Parties

This agreement is intended solely for the benefit of the parties hereto. Nothing in this agreement shall be construed to create any duty, to standard of care with reference to, or any liability to, any person not a party to this Agreement.

13.3 No Waiver

13.3.1 No waiver by either Party of any default by other Party in the observance and performance of any provision of or obligations of or under the agreement (i) shall operate or be construed as a waiver of any other or subsequent default hereof or of other provisions of or obligations under the agreement; (ii) shall be effective unless it is in writing and executed by a duly authorized representative of the Party; and (iii) shall affect the validity or enforceability of the agreement in any manner.

13.3.2 Neither the failure by either party to insist on any occasion upon the performance of the terms, conditions and provisions of the Agreement or any obligation there under nor time or other indulgence granted by a Party to the other Party shall be treated or deemed as waiver of such breach or acceptance of any variation or the relinquishment of any such right hereunder.

13.4 Exclusion of Implied Warranties

This Agreement expressly excludes any warranty, condition or other undertaking implied at law or by custom or otherwise arising out of any other agreement between the Parties or representation by either Party not contained in a binding legal agreement executed by both Parties.

13.5 Counterparts

This Agreement may be executed in two counterparts, each of which when executed and delivered shall constitute an original of the agreement.

13.6 Severability

If for any reason whatever any provision of this Agreement is or becomes invalid, illegal or unenforceable or is declared by any court of competent jurisdiction or any other instrumentality to be invalid, illegal or unenforceable, the validity, legality or enforceability of the remaining provisions shall not be affected in any manner, and the Parties will negotiate in good faith with a view to agreeing one or more provisions which may be substituted for such invalid, unenforceable or illegal provisions, as nearly as is practicable to such invalid, illegal or unenforceable provision. Failure to agree upon any such provisions shall not be subject to dispute resolution under the Agreement or otherwise.

AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
Tulsi R Tanti  
Chairman & Managing Director


For Aads Energy Ventures India Private Limited  
Chairman & Managing Director

13.7 Survival

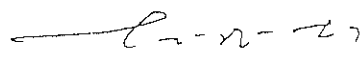
The termination or expiry of this Agreement shall not affect the accrued rights, obligations and liabilities of either party under this agreement, nor shall it affect any continuing obligations, which this Agreement provides, whether expressly or by necessary implication.

IN WITNESS, the Parties hereto have executed and delivered this Agreement at on the date first written above.

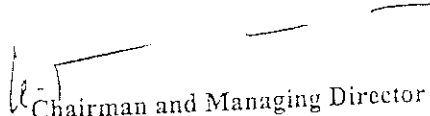
For and on behalf of GOVERNMENT OF ANHDRA PRADESH

  
Secretary  
Energy, Infrastructure Investment, CRDA

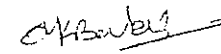
For and on behalf of SUZLON ENERGY LIMITED

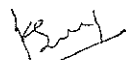
  
Chairman and Managing Director

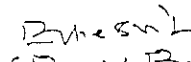
For and on behalf of AXIS ENERGY VENTURES INDIA PRIVATE LIMITED

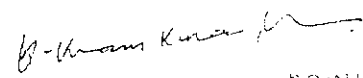
  
Chairman and Managing Director

Witness:


1.   
M. KAMALAKANT BABU  
VICE PRESIDENT, NREDCAP.

2.   
K. SRINIVAS  
OSD, NREDCAP.

1.   
(P. V. B. Rao)  
SR. VICE PRESIDENT  
SUZLON ENERGY LTD.

2.   
(K. KIRAN KUMAR REDDY)  
DIRECTOR, AXIS ENERGY  
LTD.

Annexure - 2



**RE-INVEST**  
THE RENEWABLE ENERGY GLOBAL INVESTORS MEET & EXPO  
INVESTMENT PROMOTION MEET & EXPO  
11-12 FEBRUARY 2015 / NEW DELHI, INDIA


## GREEN ENERGY COMMITMENT

On the occasion of the first Renewable Energy Global Investors Meet (RE-INVEST) 2015, we, representing SUZLON GROUP a Company, registered under the Companies Act, with Headquarters at PUNE, hereby present our commitment to the Hon'ble Prime Minister of India that we shall develop 16,000 Mega Watt (MW) of Renewable Energy Projects during the five year period of 2015-19. [11,000 manufacturing]  
5,000 EPC

Besides generating 27,668 Million Units of green and clean power annually, these projects will also create employment for 30,000 persons (@ 5 persons/MW) and prevent Carbon emissions of around 36,537 MT per year (@ ..... tons/..... million unit).

Date 13<sup>th</sup> Feb. 2015

Place PUNE



Name TULSI TANTI

Chairman & Managing Director/Managing Director/CEO

Name of the Company SUZLON GROUP OF COMPANIES

Telephone No. 91 20 670 22 007

Email: CM & Suzlon.com

To:  
The Secretary,  
Ministry of New and Renewable Energy,  
(Government of India),  
Block No. 4, CGO Complex, Lodhi Road,  
New Delhi - 110003

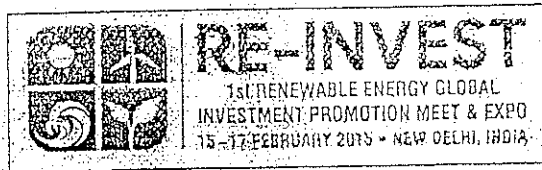
Ajay  
**AJAY JAIN, IAS.,**  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

**Suzlon Energy Ltd.**

T  
**Tulsi R Tanti**  
Chairman & Managing Director

**For Axis Energy Ventures India Private Limited**

le-f  
**Chairman & Managing Director**



### Memorandum of Understanding

This Memorandum of Understanding is entered on 15th day of February, 2015 at New Delhi on the occasion of First Renewable Energy Global Investors Meet (Re-Invest) 2015

#### Between

M/s Suzlon Energy Ltd, a Company incorporated under the Companies Act, 1956 having its Office at Pune.

#### And

### The Government of Andhra Pradesh

M/s Suzlon Energy Ltd. wishes to establish 200 MW Capacity Wind Turbine blades manufacturing facility in Andhra Pradesh during the five year period of 2015-19 and 1500(Nos) employment will be created directly/indirectly.

Government of Andhra Pradesh would facilitate M/s Suzlon Energy Ltd to obtain necessary Permissions / Registration / Approvals / Clearances etc., from the concerned departments of the state, as per the existing policies / rules and regulations of the State Government.

This Memorandum of Understanding is made to facilitate M/s Suzlon Energy Ltd for establishment of the aforesaid Project (s) in Andhra Pradesh in a time bound manner.

For and on behalf of  
Government of Andhra Pradesh

*[Signature]*  
(VC & Managing Director)  
NREDCAP

Suzlon Energy Ltd.  
*[Signature]*  
Tulsi R Tanti  
Chairman & Managing Director

For and on behalf of  
M/s Suzlon Energy Ltd.

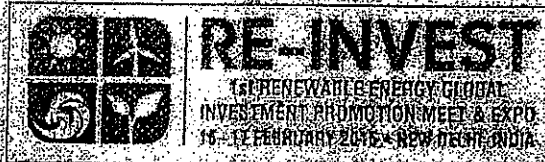
*[Signature]*  
(Authorised Signatory)

For Axis Energy Ventures India Private

*[Signature]*  
Chairman & Managing

*[Signature]*  
AJAY JAIN, IAS., Secretary, Energy, I & I Dept., Govt. of AP  
Secretary to Government  
Energy, Infrastructure & Investment Dept. & Chairman, NREDCAP  
Hyderabad - 500 022





### Memorandum of Understanding

This Memorandum of Understanding is entered on 15th day of February, 2015 at New Delhi on the occasion of First Renewable Energy Global Investors Meet (Re-Invest) 2015

#### Between

M/s Suzlon Energy Ltd, a Company incorporated under the Companies Act, 1956 having its Office at Pune

#### And

### The Government of Andhra Pradesh

M/s Suzlon Energy Ltd wishes to establish 430 MW Capacity of Wind Power Project in Andhra Pradesh during the five year period of 2015-19 and 350 (fives) employment will be created directly/indirectly.

Government of Andhra Pradesh would facilitate M/s Suzlon Energy Ltd to obtain necessary Permissions / Registration / Approvals / Clearances etc., from the concerned departments of the state, as per the existing policies / rules and regulations of the State Government.

This Memorandum of Understanding is made to facilitate M/s Suzlon Energy Ltd for establishment of the aforesaid Project (s) in Andhra Pradesh in a time bound manner.

For and on behalf of  
Government of Andhra Pradesh

*Ajay Jain*  
(VC & Managing Director)  
NREDCAP

Suzlon Energy Ltd.

*Tulsi R Tanti*  
Chairman & Managing Director

For and on behalf of  
M/s Suzlon Energy Ltd.

*Pravin*  
(Authorised Signatory)

For Axis Energy Ventures India Private

*Ajay Jain*  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy Infrastructure & Investment Dept.

*Tulsi R Tanti*  
Secretary, Energy, I & I Dept., Govt. of AP  
& Chairman, NREDCAP

*Pravin*  
Chairman & Managing



MEMORANDUM OF UNDERSTANDING

Between

M/s SUZLON ENERGY LIMITED

and

THE STATE GOVERNMENT OF ANDHRA PRADESH, INDIA

This Memorandum of Understanding is made on this 29<sup>th</sup> day of April 2015 by and between Government of Andhra Pradesh, represented by Kartikeya Misra, IAS, Director of Industries, Government of Andhra Pradesh and M/s Suzlon Energy Limited represented by Ranjitsinh Parmar, Sr. President.

Now, therefore, Government of Andhra Pradesh and M/s Suzlon Energy Limited wish to formalize the understanding as follows:

1. M/s Suzlon Energy Limited intends to establish Integrated Wind Turbine (IWT) manufacturing facility of 500 MW per annum with an investment of Rs. 350 Crore with a potential to create an employment of 500 persons. This facility will cater to the requirement for setting up Renewable Energy Project to the tune of 2,500 MW.
2. Government of Andhra Pradesh will facilitate to provide necessary assistance to M/s Suzlon Energy Limited to improve the investment environment which includes prompt land acquisition, adequate infrastructure development and offering attractive incentives.

*AJS*  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
*[Signature]*  
Tulsi R. Tanti  
Chairman & Managing Director  
Page 1 of 2

*[Signature]*  
For Axis Energy Ventures India Private Limited  
Chairman & Managing Director

3. Government of Andhra Pradesh will facilitate M/s Suzlon Energy Limited to obtain necessary Permissions/ Registrations/ Approvals/ Clearances etc., from the concerned departments of the state under the Single Desk Policy.

4. This Memorandum of Understanding is made to facilitate M/s Suzlon Energy Limited for establishment of the aforesaid Projects in Andhra Pradesh in a time bound manner.

In witness whereof, the parties have set their respective hands and seals to these presents through their duly authorized representatives on the date first above written.

For Government of Andhra Pradesh

For M/s Suzlon Energy Limited

*Kartikaya Misra*

*Ranitsinh Parmar*

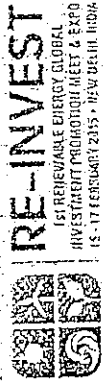
KARTIKEYA MISRA, IAS  
DIRECTOR OF INDUSTRIES  
GOVERNMENT OF ANDHRA  
PRADESH

RANITSINH PARMAR,  
SH. PRESIDENT  
SUZLON ENERGY LIMITED

*AJAY JAIN*  
AJAY JAIN, IAS,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022

Suzlon Energy Ltd.  
*Tulsi R. Jais*  
Tulsi R. Jais  
Chairman & Managing Director

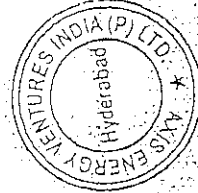
For Axis Energy Ventures India Private Limited  
*[Signature]*  
Chairman & Managing Director



# GREEN ENERGY COMMITMENT

On the occasion of the first Renewable Energy Global Investors Meet (RE-INVEST) 2015, we, representing **AXIS ENERGY GROUP** a Company, registered under the Companies Act, with Headquarters at **HYDERABAD** hereby present our commitment to the Hon'ble Prime Minister of India that we shall develop **12500 Mega Watt (MW)** of Renewable Energy Projects during the five year period of 2015-19.

Besides generating **25097 Million Units** of green and clean power annually, these projects will also create employment for **18750 persons (@ 1.5 persons / MW)** and prevent Carbon emissions of around **21250 MT** per year (@ 0.84 tons / 1 million unit).



**K. Ravi Kumar Reddy**  
Managing Director  
Axis Energy Group  
Hyderabad - 500 082  
Phone: 8098 444440  
Email: ravi@axisenergy.in

Date: 05.02.2015  
Place: Hyderabad.

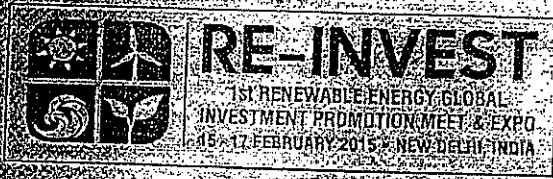
To  
The Secretary,  
Ministry of New and Renewable Energy  
(Government of India)  
Block No. 14, CGO Complex, Jodhpur Road,  
New Delhi - 110 003

Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Chairman & Managing Director  
Tulsi R Tanti

Chairman & Managing Director  
For Axis Energy Ventures India Private Limited





### Memorandum of Understanding

This Memorandum of Understanding is entered on 15<sup>th</sup> day of February, 2015 at New Delhi on the occasion of First Renewable Energy Global Investors Meet (Re-Invest) 2015.

Between  
**Axis Energy Group**

And

**Government of Andhra Pradesh**

Axis Energy Group during first Renewable Global Investors Meet (RE-INVEST) 2015 presented Green Energy Commitment to the Honble Prime Minister, Government of India to set up 12,500 MW of Wind and Solar Power Projects during the next five years period (2015-2019) on 15<sup>th</sup> day of February, 2015 at New Delhi and this capacity Commitment stands no 2 in the country.

Out of the above capacity as a priority, 4000 MW of Wind power and 2500 MW of Solar Power Projects is committed to setup in the State of Andhra Pradesh including hybrid Wind and Solar power projects during five years period (2015-2019) by Axis Energy Group and reduction of carbon emissions of 11050 MT/year (@1.7 MT/year) and 9750 No's. (@1.5 person/ MW) of employment will be created directly/indirectly.

M/s Axis Energy Ventures India Pvt. Ltd, installed 28 wind monitoring Stations for Wind Resource Assessment studies in Ananthapur, Kurnool and Kadapa Districts and established wind farmable potential and also 10 sites were already validated by National Institute of Wind Energy, Chennai and notified.

Axis Energy Group companies has obtained sanctions to establish 1066 MW of Wind Power Projects in different sites and entered into Agreement with NREDCAP Ltd, Nodal Agency of State of Andhra Pradesh.

Government of Andhra Pradesh would undertake to facilitate Axis Energy Group to obtain necessary Permissions/ Registrations/ Approvals/ Clearances etc. from the concerned departments of the state, as per the existing policies / rules and regulations of the State Government.

This Memorandum of Undertaking is made to facilitate Axis Energy Group for establishment of the aforesaid Projects in Andhra Pradesh in a time bound manner as a part of their Green Energy Commitment given to Honble Prime Minister of India during the RE-INVEST-2015.

For and on behalf of  
Government of Andhra Pradesh

For and on behalf of  
M/s Axis Energy Ventures (I) Pvt. Ltd.

*M. Kamalakar Babu*  
M. Kamalakar Babu, M.Sc., B.L.  
(V.G. & Managing Director)  
NREDCAP

*K. Ravi Kumar Reddy*  
K. Ravi Kumar Reddy  
(Managing Director)

*Ajay Jain*  
Ajay Jain, IAS  
Secretary, Energy, I & I Dept., Govt. of AP  
& Chairman, NREDCAP

*Ajay Jain*  
AJAY JAIN, IAS

Secretary, Hyderabad, 500 022

*Tulsi R. Tanti*  
Chairman & Managing Director

*Tulsi R. Tanti*  
Chairman & Managing Director

Annexure - 2

GOVERNMENT OF ANDHRA PRADESH

ABSTRACT

Energy, I&I Department - Proposals for entering into an MoU with M/s Suzlon Energy Ltd., for manufacture and development of 4000 MW Renewable Energy Power Projects in the State of Andhra Pradesh - Permission Accorded - Orders - Issued.

ENERGY, INFRASTRUCTURE & INVESTMENT (PR.II) DEPARTMENT

G.O.Ms.No.15

Dated 27.11.2015

Read the following:

1. The Chairman of M/s. Suzlon Energy Limited, Letter dated, 03.09.2015.
2. From the VC&MD, NREDCAP Lr.No.NREDCAP/WE/SUZLON/MoU/ 2015, dated. 14.09.2015 and 23.09.2015.

-000-

ORDER:-

In the reference 1<sup>st</sup> read above, Chairman of M/s Suzlon Energy Limited, has submitted a representation to Government of Andhra Pradesh, for development of 4000 MW Renewable Energy Power Projects (Wind Energy) and Wind Solar Hybrid Systems and to establish Wind Turbine Generator manufacturing facilities and proposed to sign an MoU with Govt. of AP along with their partners viz M/s. Axis Energy Ventures India Private Limited. They have proposed the investment and commitment as detailed below:-

- Manufacturing at multiple locations (i.e. blade, tower, nacelle/generator) to integrate all components of wind turbine generator in Ananthapuramu & Nellore Districts.
  - Employment generation
    - Direct : 8,000 (manufacturing & projects).
    - Indirect : 25,000(approx.)
  - Establishment of wind and wind-solar hybrid projects(mostly in Ananthapuramu District)
  - Establishment of skill development centre (In Ananthapuramu District)
  - Establishment of SUZLON Chair at the proposed Energy University
2. Accordingly, the VC&MD, NREDCAP has in his letter second read above, has reported that M/s. Suzlon Energy Ltd., has global presence with an installed capacity of about 15,000 MW in 19 countries including 8,700 MW in India. They have proposed to develop 4,000 MW RE capacity over a period of five years mostly in Ananthapuramu District and they have proposed to sign an MoU jointly with Government of AP for development of the above projects. It has also been informed that M/s. Suzlon Energy Ltd., have agreed to set up integrated wind turbine manufacturing units in the State and signed an MOU with the Industries Department on 29-04-2015. M/s. Axis Energy Ventures India Pvt Ltd., a partner of M/s Suzlon Energy Limited, has conducted detailed wind monitoring studies as per the MNRE guidelines at 28 locations and about 3500-4000 MW capacity wind power potential is available at these locations in mostly Ananthapuramu District and NREDCAP has already allotted 1066 MW wind power projects to M/s. Axis Energy Group companies. Hence, the VC&MD, NREDCAP has proposed that M/s. Suzlon Group and M/s. Axis Energy Group will jointly develop 4000 MW Renewable Energy power projects over a period of 5 years and also manufacturing facilities by M/s. Suzlon Group. Both the parties have proposed to sign an MOU with the Government of AP. The firm has requested to extend necessary benefits, incentives, single window facilitation etc., as per the provisions of AP Wind Power Policy 2015 and AP Industrial Policy 2015-2020. M/s. Suzlon Group has also agreed to submit Performance Bank Guarantee @ Rs. 5.00 lakh per MW (approximately Rs. 200 crores) for

*Mish*  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
*[Signature]*  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
*[Signature]*  
Chairman & Managing Director

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2

the entire capacity of 4,000 MW for implementation on time bound basis. Subsequent to signing of MOU, it is proposed to sign an Implementation agreement, and agreed to provide Performance Bank Guarantee for timely completion of the project as per the timelines indicated in the proposed Implementation agreement. The expected investment that can be brought into the State will be Rs. 28,000 crores towards establishment of 4,000 MW wind power and Rs. 500 crores towards establishment of manufacturing facilities. The Government of AP have also proposed to develop 4,150 MW capacity wind power projects by the year 2018-19, and also the NREDCAP is planning to develop Ananthapuramu District as Renewable Energy Hub under Power For All 24x7 Scheme.

Taking into consideration all the above, an MoU has been prepared indicating all the modalities and commitments of both the parties.

Government after careful consideration, hereby approves the proposal for entering into an MoU with M/s Suzlon Energy Limited and M/s Axis Energy Ventures India Private Limited as per the approved format annexed to this order.

The Vice Chairman & Managing Director, NREDCAP shall take further necessary action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

AJAY JAIN  
SECRETARY TO GOVERNMENT

To  
The Vice Chairman & Managing Director, NREDCAP, Hyderabad, (we).  
The Chairman, M/s Suzlon Energy Limited, (we).

Copy to:-  
The PS to Secretary to CM,  
The PS to Chief Secretary to Govt.  
The General Administration (Cabinet) Department,  
SF/SCs.

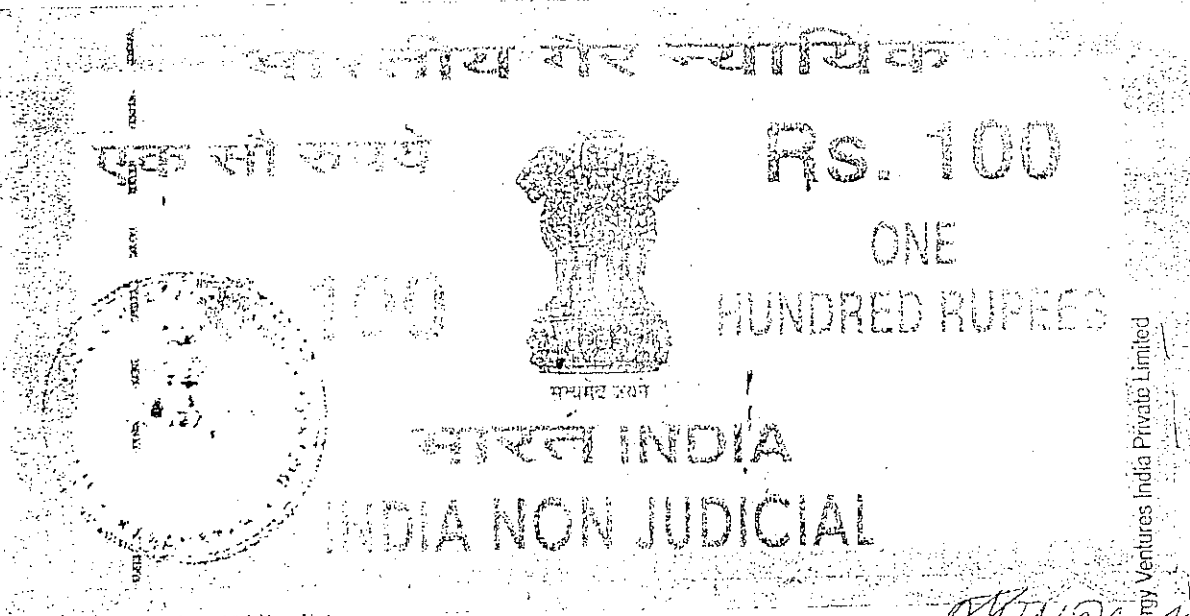
//FORWARDED BY ORDER//

SECTION OFFICER

AJAY JAIN, IAS.  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500-022.

Suzlon Energy Ltd.  
Tulsi R. Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
Chairman & Managing Director



తెలంగాణ తెలంగాణ TELANGANA

Sl. No. 23347 Date: 17/10/2015.  
 Sold To : Jaisimha  
 S/o : Narsig Rao R/o. Hyd.  
 To Whom : Suzlon Energy Ltd.

K. N. LAL BABU  
 Licenced Stamp Vendor  
 LICENCE NO. 16-07-086/2012.  
 R.L. NO. 16-07-002/2015.  
 H.No. 3-5-948/91/A, Himayath Nagar  
 HYDERABAD DISTRICT  
 PHONE NO. 09492424379

For Axis Energy Ventures India Private Limited

Chairman & Managing Director

MEMORANDUM OF UNDERSTANDING

The Memorandum of Understanding ("MOU") is entered into on this 4<sup>th</sup> day of December, 2015 at Vijayawada by and between:

SUZLON ENERGY LIMITED, a company duly incorporated under the Companies Act 1956, having its registered office at 5 Shrinjali Society, Near Shri Krishna Complex, Navrangpura, Ahmedabad - 380009, Gujarat, India and its Corporate Office at "One Earth" Building, Hadapsar, Pune-411028, Maharashtra, India represented by its authorised signatory Mr Tulsii Tanti, Chairman & Managing Director (hereinafter referred to as "Suzlon Group", which term shall mean and include its successors in interest, group companies, associates and assigns);

AND

Suzlon Energy Ltd.  
 Tulsii R Tanti  
 Chairman & Managing Director

AJAY JAIN, IAS.,  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept.  
 A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
 Tulsii R Tanti  
 Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
 Chairman & Managing Director

AJAY JAIN, IAS.,  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept.  
 A.P. Secretariat, Hyderabad - 500 022.



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Chairman & Managing Director

తెలంగాణ తెలంగాణ TELANGANA

Sl. No: 23346 Date: 17/10/2015.  
 Sold To : Jaisimha  
 S/o : Narsig Rao R/o. Hyd.  
 To Whom : Suzlon Energy Ltd.

K. N. LAL BABU  
 Licenced Stamp Vendor  
 LICENCE NO: 16-07-066/2012,  
 R.L. NO: 16-07-002/2015.  
 H.No. 3-5-948/91/A, Himayath Nagar,  
 HYDERABAD DISTRICT  
 PHONE NO: 094922424379

For Axis Energy Ventures India Private Limited

Suzlon Energy Ltd.  
 Tulsil R Tanti  
 Chairman & Managing Director

AXIS ENERGY VENTURES INDIA PRIVATE LIMITED, a holding Company of Axis Energy Group, a Company duly incorporated under the Companies Act 1956, having its registered office at 2<sup>nd</sup> floor, Plot No.3, H No.6-3-680/8/3, PMR Plaza, Thakur Mansion Lane, Somajiguda, Hyderabad - 500082, represented by its authorised signatory Mr. K. Ravikumar Reddy, Chairman & Managing Director (hereinafter referred to "Axis Energy Group" which term shall mean and include its successors in interest, group companies, associates and assigns).

Suzlon Group and Axis Energy Group, hereinafter shall jointly be referred to as the "Parties of First Part/First Party".

AND

GOVERNMENT OF ANDHRA PRADESH, represented by its Secretary, Energy, Infrastructure and Investment Department & CRDA, Government of Andhra Pradesh, Secretariat, Hyderabad, hereinafter referred to as the "Party of the Second Part/Second Party".

AJAY JAIN, IAS.,  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept.  
 A.P. Secretariat, Hyderabad - 500 022.

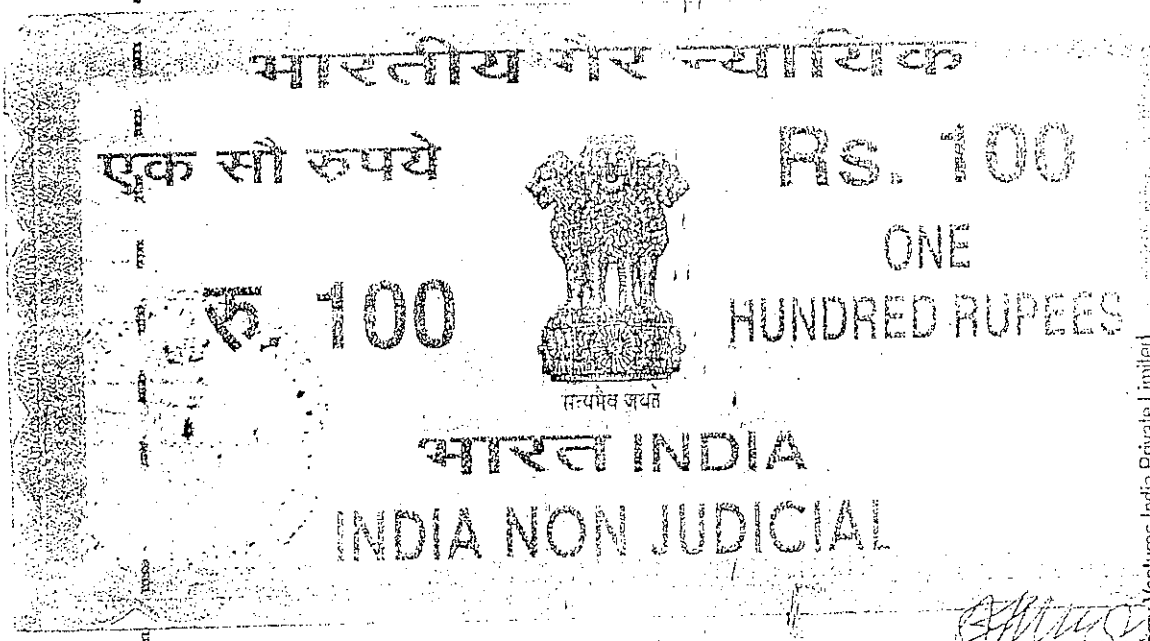
Page 2 of 8

Suzlon Energy Ltd.  
 Tulsil R Tanti  
 Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
 Chairman & Managing Director

AJAY JAIN, IAS.,  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept.  
 A.P. Secretariat, Hyderabad - 500 022.

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For Axis Energy Ventures India Private Limited  
 Chairman & Managing Director

తెలంగాణ తేలంగానా TELANGANA

Sl. No. 23345 Date. 17/10/2015.  
 Sold To : Jaisimha  
 S/o : Narsig Rao R/o. Hyd.  
 To Whom : Suzlon Energy Ltd.

K. N. LAL BABU  
 Licenced Stamp Vendor.  
 LICENCE NO. 15-07-085/2012.  
 R.L.NO. 16-07-002/2015.  
 H.No. 5-5-948/91/A. Himayath Nagar  
 HYDERABAD DISTRICT  
 PHONE NO. 09492424373

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**WHEREAS:**

The Government of India as part of its goal to achieve green energy commitment has emphasized on increasing the development of renewable energy projects and enhancement of the capacities of power production through renewable sources. This has also led to various states with high resources and possibilities of renewable energy power production, such as the state of Andhra Pradesh, to promote the establishment of new and renewable energy projects.

The National Institute of Wind Energy (NIWE) has assessed the potential of the State of Andhra Pradesh in wind power projects to be over 22,000 MW with maximum potential identified in the districts of Ananthapuram, Kadapa, Kurnool, Chittoor and Nellore. The Second Party, in order to promote the development of clean energy initiative, has issued Wind Power Policy 2015 and the Andhra Pradesh Industrial Policy 2015-2020.

Page 3 of 8

Suzlon Energy Ltd.  
  
 Tulsir R Tanti  
 Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
  
 Chairman & Managing Director

AJAY JAIN, IAS.,  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept.  
 A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
  
 Tulsir R Tanti  
 Chairman & Managing Director

AJAY JAIN, IAS.,  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept.  
 A.P. Secretariat, Hyderabad - 500 022.

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Suzlon Group which is the largest wind energy player of India, and one of the world leaders, along with its associates is in the business of manufacturing wind turbine generators and developing wind and solar power projects through engineering, procurement and supply model for various independent power producers across India and has about 14 manufacturing facilities spread across India and America. Suzlon Group has built and consolidated its presence in 19 countries and installed over 14,600 MW of wind power projects globally.

Suzlon Group while participating in the First Renewable Energy Global Investors Meet (RE-INVEST), 2015 held on February 15, 2015, had given a commitment to the Honourable Prime Minister of India, in presence of Honourable Minister for New & Renewable Energy, Power and Coal of India, to develop 11,000 MW of capacity of new wind capacity and develop new manufacturing facilities over a period of five years.

Suzlon Group in pursuance to the said commitment initially signed Memorandum of Understanding dated February 15, 2015 at New Delhi with the Second Party for setting up of manufacturing facility for blades and wind power projects for an aggregate capacity of 430 MW in state of Andhra Pradesh. Subsequently, the Suzlon Group also signed another Memorandum of Understanding dated April 29, 2015 with Industries Department, GoAP on the eve of the launch of Andhra Pradesh Industry Mission, 2015 and Industrial Policy 2015-2020 at Visakhapatnam, for setting up of integrated manufacturing facility for manufacture of wind turbines in the state of Andhra Pradesh. Both the memorandum of understandings dated February 15, 2015 and April 29, 2015 were executed in presence of Honourable Chief Minister of Andhra Pradesh (hereinafter both MoUs are jointly referred as "Suzlon MoUs").

Suzlon Group is desirous of participating in the initiatives of Second Party in harnessing the wind power potential in the state of Andhra Pradesh, by (i) setting up three manufacturing facilities i.e two (2) at Anathapuramu (for nacelles and blades) and one at Krishnapatnam (for towers) ("Manufacturing Facilities"); and (ii) setting up renewable energy projects for an aggregate capacity of around 3,000 MW capacity of wind power projects and 1000 MW Wind Solar Hybrid project, at sites feasible for developing such projects in the State of Andhra Pradesh (together "Renewable Energy Projects");

For Axis Energy Ventures India Private Limited

Chairman & Managing Director

Suzlon Energy Ltd.  
Tulsi R Tanti  
Chairman & Managing Director

AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
Chairman & Managing Director

AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Axis Energy Group which is in the business of developing Renewable Energy Projects, in particular Wind and Solar, and had presented the "Green Energy Commitment" to the Honourable Prime Minister of India during the First Renewable Energy Global Investors Meet (RE-INVEST), 2015 on February 15, 2015 at New Delhi. Axis Energy Group gave a commitment to develop 12,500 MW of Renewable Energy Projects comprising of 7,000 MW in wind and 5,500 MW in solar projects.

Axis Energy Group has committed to develop 4,000 MW wind power projects (for which Axis Energy Group has already entered into a MoU on 28 Wind Monitoring Stations for Wind Resource Assessment studies with NREDCAP/NIWE ("Axis MoU") and 2500 MW solar power projects in the State of Andhra Pradesh. As per initial studies, the potential generation capacity estimated under the Axis MOU is around 3500-4000 MW of wind power projects, in addition to the 1,066 MW capacities of wind power projects sanctioned by the Government of Andhra Pradesh. Accordingly, Axis Energy Group had given commitment to establish wind power projects in state of Andhra Pradesh and had entered into Memorandum of Understanding with the Government of Andhra Pradesh in the presence of the Honourable Chief Minister of Andhra Pradesh on February 15, 2015 ("GoAP MoU"). Government of Andhra Pradesh has given undertaking to facilitate the Axis Energy Group to obtain approvals /permissions /clearances etc. from concerned departments as per rules/policies/regulations prevailing.

The Parties of the First Part, in view of the common objectives under GoAP MoU and the Suzlon MoUs, are proposing to collaborate and jointly develop (under various business models) the Renewable Energy Projects (SUZLON group jointly with Axis Group) and the Manufacturing Facilities (by SUZLON Group) in the State of Andhra Pradesh over a period of next five years. Hence, the Parties of the First Part have also held discussions and decided to jointly approach the Second Party, seeking assistance for setting up the Manufacturing Facilities and developing the Renewable Energy Projects. The Second Party, on the request of the Parties of First Part, have agreed to facilitate the establishment of the Manufacturing Facilities and the development of the Renewable Energy Projects in the State of Andhra Pradesh, pursuant to the provisions of this MoU.

For Axis Energy Ventures India Private Limited

Chairman & Managing Director

Suzlon Energy Ltd.

Tulsi R Tanti  
Chairman & Managing Director

For

AJAY JAIN, IAS.,

Secretary to Government

Energy, Infrastructure & Investment Dept.

A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
Tulsi R Tanti  
Chairman & Managing Director

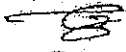
For Axis Energy Ventures India Private Limited

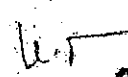
Chairman & Managing Director


AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept  
A.P. Secretariat, Hyderabad - 500 022.

**NOW THEREFORE, PARTIES HEREIN HAVE AGREED TO THE FOLLOWING.**

1. The Parties of First Part propose to develop (under various business models) the Manufacturing Facilities and Renewable Energy Projects in State of Andhra Pradesh over a period of next five years between 2015 to 2020. The Parties of First Part in this regard agree and undertake to the following:
  - (i) Achieve the implementation of Manufacturing Facilities by SUZLON Group and Renewable Energy Projects by SUZLON & Axis Group by March 31, 2020;
  - (ii) To generate employment, subject to applicable laws and requirement of the Manufacturing Facilities and Renewable Energy Projects;
  - (iii) Set up skill development centres in relation to Manufacturing Facilities and Renewable Energy Projects;
  - (iv) Submit a business plan/project schedule identifying the development of the Manufacturing Facilities and the Renewable Energy Projects; and
  - (v) Provide security in the form of Bank Guarantee at the rate of Rs. 5 lakhs per MW for the entire capacity of the Renewable Energy Projects, on a progressive basis to the Second Party.
2. The Second Party agrees to the following:
  - (i) In relation to setting up of the Manufacturing Facilities and development of the Renewable Energy Projects:
    - Priority allotment of government land on long term lease basis to the First Party/ Parties of First Part in accordance with procedure in vogue, and wherever required assistance to the First Party/ Parties of First Part, as the case may be, for procurement of Private and Forest land;
    - Facilitate the First Party/ Parties of First Part, as the case may be, in the acquisition of identified land in accordance with law.
    - Permit the development of Renewable Energy Projects on the land identified by the First Party;

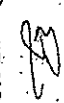
Suzlon Energy Ltd.  
  
 Tulsil R Tanti  
 Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
  
 Chairman & Managing Director

Page 6 of 8  
  
 AJAY JAIN, IAS.,  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept.  
 A.P. Secretariat, Hyderabad - 500 022.

For Axis Energy Ventures India Private Limited

Chairman & Managing Director

Suzlon Energy Ltd.  
  
 Tulsil R Tanti  
 Chairman & Managing Director

AJAY JAIN, IAS.,  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept.  
 A.P. Secretariat, Hyderabad - 500 022.

- Facilitate the approval of the relevant gram panchayats for setting up the Renewable Energy Projects;
  - Facilitate availability the benefits under single window clearance for procuring necessary approvals and clearances for setting up of the Manufacturing Facilities and development of the Renewable Energy Projects; and
  - (ii) Priority allocation of capacities for the Renewable Power Projects as per the procedures in vogue by NREDCAP;
  - (iii) Make Availability of all benefits under the Wind Power Policy 2015 and the Andhra Pradesh Industrial Policy of 2015-2020.
  - (iii) Make Availability of adequate power evacuation facilities by the power transmission corporation/s for evacuation of power from the inter connecting point of Renewable Energy Projects as per the procedure in vogue.
  - (iv) Make Availability of necessary infrastructure for ensuring unhindered access to and utilisation of the Manufacturing Facilities and the Renewable Energy Projects.
  - (v) Provide to the First Party incentives under the Mega Industrial Policy of the Government of Andhra Pradesh.
3. Execution of firm Power Purchase Agreements for the capacities committed under this MOU with Feed in Tariff as per the prevailing regulations and orders of the AP Electricity Regulatory Commission for Wind Power and Wind Solar Hybrid Power Projects
4. Axis Energy Group represents to the Second Party that they are collaborating with Suzlon Group, for the development of the above mentioned projects and further agrees and confirms to Second Party that as part of the said collaboration, they will allocate capacity to the First Party/ Parties of First Part for development of the Renewable Energy Projects, and extend other rights and benefits to the First Party/ Parties of First Part as may be available to it in terms of the MoU with the Second Party.

Axis Energy Ventures India Private Limited

Chairman & Managing Director

Suzlon Energy Ltd.  
 Tulsir R Tanti  
 Chairman & Managing Director

AJAY JAIN, IAS.,  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept.  
 A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
 Tulsir R Tanti  
 Chairman & Managing Director

Axis Energy Ventures India Private Limited  
 Chairman & Managing Director

AJAY JAIN, IAS.,  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept.  
 A.P. Secretariat, Hyderabad - 500 022

5. Besides the understanding agreed herein, the Second Party and the First Party will execute a Project Implementation Agreement within 30 days from the execution of this MoU, setting out in detail the terms and conditions (including the timelines) for implementation of the commercial transaction contemplated herein.

6. This MoU shall be governed by laws of India.

IN WITNESS WHEREOF, the parties have caused this MoU to be duly executed by their duly authorised representatives on the date and year first here in above.

For and on behalf of  
Suzlon Energy Ltd

For and on behalf of  
Government of Andhra Pradesh

*[Signature]*

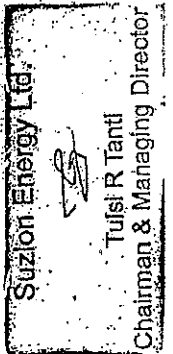
*[Signature]*

Tulsi Tanti  
Chairman &  
Managing Director

SECRETARY,  
Energy, I&I and CRDA

For and on behalf of  
Axis Energy Ventures  
India Private Limited

K RAVI KUMAR REDDY  
Chairman &  
Managing Director



Witness:

Witness:

1. *[Signature]*  
(K. KILIAN KUMAR REDDY)

1. *[Signature]*  
(M. KAMALAKRISHNA)

2. *[Signature]*  
(D. V. B. Rao)

2. *[Signature]*  
(K. SRIKANTH RAO)

*[Signature]*  
AJAY JAIN, IAS,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

For Axis Energy Ventures India Private Limited


Chairman & Managing Director

ANNEXURE 4

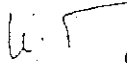
Implementation Schedule – Renewable Energy Project

Year	Wind Power Projects (MW)	Wind, Solar and Hybrid Projects (MW)
2016-17	600	---
2017-18	600	200
2018-19	600	200
2019-20	600	300
2020-21	600	300
Total Capacity (MW)	3000	1000

*Attn*  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
  
Tulsj R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited

  
Chairman & Managing Director



ANNEXURE 5

Format of Power Purchase Agreement approved by APERC

POWER PURCHASE AGREEMENT

BETWEEN

[Name of the Discom to be inserted]

AND

[Name of the Project Company]

This Power Purchase Agreement (the "Agreement") entered into this \_\_\_\_ day of \_\_\_\_ 2015 between

[Name of the Discom to be inserted] (DISCOM), incorporated by the Government of Andhra Pradesh in accordance with the Andhra Pradesh Electricity Reform Act 1998 (Act No.30 of 1998), under the provisions of Companies Act, 1956, having its office at [to be inserted], India, hereinafter referred to as the "DISCOM" (which expression shall, unless repugnant to the context or meaning thereof, include its successors and assigns) as first party,

and

M/s. [Name of the Project Company], a company incorporated under the Companies Act, [1956/2013], having registered office at [to be inserted], hereinafter referred to as the "Wind Power Producer" (which expression shall, unless repugnant to the context or meaning thereof, include its successors and assigns) as second party.

WHEREAS, the Wind Power Producer is setting up the New and Renewable Energy Project i.e., the [.] MW capacity Wind power project at [.] Village, [.] Mandal, [.] site, [.] District, Andhra Pradesh (hereafter called the Project) with a proposal of [.] MW as detailed in Schedule 1 attached herewith, and New and Renewable Energy Development Corporation of Andhra Pradesh Limited hereafter referred to as M/s NREDCAP has accorded approval to the said project in their proceedings No. NREDCAP/WE/6737/2015, Dated 07.04.2015 and the Wind Power Producer has entered into an Agreement with NREDCAP on 07-04-2015 and the copies thereof are attached herewith as Schedule-2 and Schedule 3 respectively.

WHEREAS, it has been agreed that the Project will be designed, engineered and constructed and operated by or on behalf of the Wind Power Producer or its successors with reasonable diligence subject to all applicable Indian laws, rules, regulations and orders having the force of law;

Whereas, the proposed Project is being setup at [.] (V), [.] (M), [.] Site, [.] District, and will be connected to the designated sub-station i.e., APTRANSCO [220/33KV] [.] sub-station at [.]KV voltage level for power evacuation from wind power projects by erecting an exclusive [.]KV group feeder. The Project will share a common metering on the above feeder at the designated sub-station. The Project will also have a separate metering at Project's switchyard.

The terms and conditions of the Agreement are subject to the provisions of the Electricity Act, 2003 (36 of 2003) and the amendments made to the act from time to time, and also subject to regulation by the Andhra Pradesh Electricity Regulatory Commission.

AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
Chairman & Managing Director

NOW THEREFORE, in consideration of the foregoing premises and their mutual covenants herein, and for other valuable consideration, the receipt and sufficiency of which are acknowledged, the parties hereto, intending to be legally bound hereby agree as follows:

## ARTICLE 1

### DEFINITIONS

As used in this Agreement, the following terms shall have the meanings set forth herein below. Defined terms of singular number shall include the plural and vice-versa.

1.1 APTRANSCO: Transmission Corporation of Andhra Pradesh Limited, incorporated by the Government of Andhra Pradesh.

1.2 Billing Date: means the fifth (5th) day after the Meter Reading Date.

1.3 Billing Month: means the period commencing from 25th of the calendar month and ending on the 24th of the next calendar month.

1.4 Commercial Operation Date (COD): means, with respect to each Generating unit, the date on which such Generating unit is declared by the Wind Power Producer to be operational, provided that the Wind Power Producer shall not declare a Generating unit to be operational until such Generating unit has completed its performance acceptance test as per standards prescribed.

Explanation: In respect of Non-conventional based power projects the date of synchronisation of the first unit of the project will be treated as the Commercial Operation Date of the project.

1.5 Delivered Energy: means, with respect to any Billing Month, the kilo watt hours (kWh) of electrical energy generated by the Project and delivered to the DISCOM at the Interconnection Point as defined in Article 1.10, as measured by the common energy meter at the Interconnection Point during that Billing Month. As indicated in the preamble, the delivered energy recorded by the common meter shall be sum of energy delivered by all Wind power projects connected to the designated sub-station, i.e., APTRANSCO 220/33KV [\*] sub-station

Explanation 1: For the purpose of clarification, Delivered Energy, excludes all energy consumed in the Project, by the main plant and equipment, lighting and other loads of the Project from the energy generated and as recorded by energy meter at Interconnection Point.

Explanation 2: The delivered energy in a Billing Month shall be limited to the energy calculated based on the Capacity agreed for export to network for sale to DISCOM as mentioned in Preamble and Schedule - 1, multiplied with number of hours and fraction thereof the project is in operation during that billing month. In case any excess energy is delivered no payment shall be made for the same.

Explanation 3: The Delivered Energy will be equal to energy recorded by the individual meter at Project's switchyard minus apportioned line losses from Project's switchyard to meter at 220/33KV [\*] Sub-station and shall be calculated as per the formula mentioned below:

$$\text{Delivered Energy} = X1 - (X1 \times Z \%)$$

Where

X1 is the reading of the energy meter installed at the Project's switchyard.

Z% is the line loss incurred in the transmission line between the Project and the interconnected Substation and shall be:

$$Z = \frac{(X1 + X2 + X3 + X4 + \dots) - Y}{(X1 + X2 + X3 + X4 + \dots)} \times 100$$

Where

AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
Chairman & Managing Director

Y is the reading of the common energy meter installed on the 33KV side of the interconnected Substation, X1, X2, X3, X4 etc. are the readings of the energy meters installed at the various individual Wind power projects being developed/proposed to be set up in the area and connected to the designated sub-station, i.e., APTRANSCO 220/33KV [.] sub-station.

**1.6 Due Date of Payment:** means the date on which the amount payable by the DISCOM to the Wind Power Producer hereunder for Delivered Energy, if any, supplied during a Billing Month becomes due for payment, which date shall be thirty (30) days from the Meter Reading Date provided the bill is received by DISCOM within 5 days from Meter Reading Date, and in the case of any supplemental or other bill or claim, if any, the due date of payment shall be thirty (30) days from the date of the presentation of such bill or claim to the designated officer of the DISCOM.

**1.7 Financial Year:** shall mean, with respect to the initial Fiscal Year, the period beginning on the Commercial Operation Date and ending at 12.00 midnight on the following March 31. Each successive Financial Year shall begin on April 1 and end on the following March 31, except that the final Fiscal Year shall end on the date of expiry of the Term or on termination of this Agreement, whichever is earlier.

**1.8 Installed Capacity:** means the total rated capacity in MW of all the Wind Energy Generators installed by the Wind Power Producer.

**1.9 Interconnection Facilities:** means all the equipment and facilities, including, but not limited to, all metering facilities, switchgear, substation facilities, transmission lines and related infrastructure, to be installed at the voltage specified in Article 1.20 at the Wind Power Producer's expense from time to time throughout the term of this Agreement, necessary to enable the DISCOM to economically, reliably and safely receive Delivered Energy from the Project in accordance with the terms of this Agreement. As indicated in the preamble, the interconnection facilities beyond Project's switchyard shall be common for Wind Power Producer and other Wind power projects connected to the designated sub-station, i.e., APTRANSCO 220/33KV [.] sub-station.

**1.10 Interconnection Point:** means the point or points where the Project and the DISCOM (APSPDCL)/APTRANSCO grid system are interconnected. For this project, interconnection point is at the designated sub-station i.e., 220/33KV [.] sub-station. The metering for the project will be provided at the interconnection point as per Article 4.1. As indicated in the preamble of this Agreement, interconnection point for this project is common with other wind power projects connected to the designated sub-station, i.e., APTRANSCO 220/33KV Ramagiri sub-station.

**1.11 Meter Reading Date:** means mid-day (i.e., noon) of the 24th (twenty-fourth) day of each calendar month, at the Interconnection Point.

**1.12 Metering Point:** means points where metering shall be provided for Project and shall be as follows:

(i) Common meter provided at the Interconnection Point for purposes of recording of Delivered Energy of the Project;


(ii) Individual meter provided at Project's switchyard;

(iii) Metering point shall include two separate sets of [0.2 / 0.2S] class accuracy electronic tri-vector meters as specified in Article 4.1, main meter installed by the Wind Power Producer and the check meter installed by the DISCOM and both sealed by the DISCOM, having facilities to record both export and import of electricity to / from the grid.

**1.13 Project:** means the [.] MW capacity Wind Power Project at [.] Village, [.] (M), [.] District, Andhra Pradesh for construction and operation as detailed in Agreement entered into with NREDCAP as shown in Schedule 3 attached herewith and includes the metering system.

**1.14 Prudent Utility Practices:** means those practices, methods, techniques and standards, that are generally accepted for use in electric utility industries taking into account conditions in India, and

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commonly used in prudent electric utility engineering and operations to design, engineer, construct, test, operate and maintain equipment lawfully, safely, efficiently and economically as applicable to power stations of the size, service and type of the Project, and that generally conform to the manufacturers' operation and maintenance guidelines.

1.15 Designated Sub-station: means 220/33 kV [•] Sub-station of APTRANSCO/APSPDCL (DISCOM).

1.16 SLDC: means the State Load Dispatch Center as notified by the State Government under the provisions of the Electricity Act 2003.

1.17 System Emergency: means a condition affecting the APTRANSCO's/ DISCOM's electrical network which threatens the safe and reliable operation of such system or which is likely to result in the disruption of safe, adequate and continuous electric supply by the APTRANSCO/DISCOM, or which endangers life or property, which condition is affected or aggravated by the continued delivery of Delivered Energy from the Project.

1.18 Surcharge on Reactive Power drawn by Wind Farms: means the charges leviable on the reactive power drawn by Wind Farms at the rate of 25 paise (twenty five paise) per KVARh of reactive energy drawn from grid upto 10% of net active energy generated and 50 paise per KVARh for total drawl if reactive energy drawn is more than 10% of net active energy generated. The above mentioned rates are subject to revision as per APERC orders from time to time. The reactive power drawn as recorded by meters at interconnection point includes the reactive power drawn by all the Wind Power Producers in the cluster. As such the reactive power recorded by the meters at the interconnection point shall be shared by all the individual power producers in the ratio of the active energy delivered by them individually.

Explanation 1: Induction generators used in Wind Farms draw reactive power from grid during generator mode and motor mode.

Explanation 2: Surcharge on reactive power drawn by Wind Farms will be levied on the Wind Power Producer.

1.19 Unit: When used in relation to the generating equipment, means one set of turbine generator and auxiliary equipment, and facilities forming part of the project and when used in relation to electrical energy, means kilo watt hour (kWh).

1.20 Voltage of Delivery: means the voltage at which the electrical energy generated by the project is required to be delivered to the APTRANSCO at the Interconnection Point and the Voltage of Delivery is as detailed below:

TABLE - A

At 33 KV level:

Project interfacing		Specified type of AAAC Conductor (size)	Proposed Wind power capacity on each 33 KV line
From	To		
Wind project	Existing 33/11 KV DISCOM SS		
Wind project	EHT Pooling SS or existing EHT APTRANSCO SS		

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This Project will generate electrical energy at [•] Volts, which will be stepped up to 33 KV at Project's switchyard and interconnected to the designated sub-station i.e., 220/33KV [•] sub-station of APTRANSCO at 33 KV Voltage for power delivered to the grid.

1.21 All other words and expressions, used herein and not defined herein but defined in Indian Electricity Rules 1956, AP Electricity Reform Act, 1998 and the Electricity Act, 2003 shall have the meanings respectively assigned to them in the said Acts.

## ARTICLE 2

### PURCHASE OF DELIVERED ENERGY AND TARIFF

2.1 All the Delivered Energy at the interconnection point for sale to DISCOM will be purchased at the tariff provided for in Article 2.2 from and after the date of Commercial Operation of the Project. Title to Delivered Energy purchased shall pass from the Wind Power Producer to the DISCOM at the Interconnection Point.

2.2 The Wind Power Producer shall be paid tariff for energy delivered at the interconnection point for sale to DISCOM, which shall be firm at Rs. [•] per unit for a period of [•] years from the Commercial Operation Date (COD) as per APERC order No [•] dated [•].

2.3 The tariff is inclusive of all taxes, duties and levies.

2.4 All future increase in Taxes, Duties and Levies on Energy generated is to be borne by the Wind Power Producer.

2.5 Where in any Billing month, the energy supplied by the DISCOM to the Wind Power Producer as a bilateral arrangement to maintain the Auxiliaries in the power plant in situations of non-generation of power, shall be billed by the DISCOM, and the Wind Power Producer shall pay the DISCOM for such electricity supplies, at the DISCOM's then-effective tariff applicable to High Tension Category-I Consumers. For this purpose, the maximum demand specified in such DISCOM's Tariff shall be computed by dividing the amount of such energy supplied by the DISCOM by hours of drawl of power from the grid in the Month.

**Explanation:** The Wind plants during the plant shut down periods shall draw the energy from DISCOM only for the essential loads not exceeding auxiliary consumption

## ARTICLE 3


### INTERCONNECTION FACILITIES

3.1 Upon receipt of a requisition from the Wind Power Producer, the APTRANSCO and DISCOM will prepare an estimate for arranging interconnection facilities for power evacuation at the voltage level as per Article 1.20. The APTRANSCO and DISCOM shall evaluate, design, and install the Interconnection Facilities and perform all work, at the Wind Power Producer's expense, necessary to economically, reliably and safely connect the grid system to the Project switch yard.

3.2 APTRANSCO and DISCOM may also permit the Wind Power Producer to execute the interconnection facilities for power evacuation as per the sanctioned estimate at its discretion duly collecting the supervision charges as per procedure in vogue.

3.3 The Wind Power Producer shall own, operate and maintain interconnection facilities from Project to designated sub-station from time to time and necessary expenditure shall have to be borne by the

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Wind Power Producer. The maintenance work on the Generating units has to be done in coordination with the APTRANSCO and DISCOM.

3.4 The Wind Power Producer shall agree to pay to the DISCOM, on or before signing of this Agreement, at the rate of Rs. [•] per MW of Installed Capacity and for fractions thereof on a pro-rata basis as a onetime lump sum payment for the sole purpose of providing the required MVAR capacity at the Substation of the APTRANSCO/DISCOM to which the Project is interconnected to supply the requisite reactive power to the Grid System. APTRANSCO/DISCOM shall install the capacitors of required capacity, at the substation of the APTRANSCO and DISCOM to which the project is interconnected before commercial operation date of the project.

In case the APTRANSCO/DISCOM fails to install the capacitors of requisite capacity before the commercial operation date, the amount collected for this purpose shall be refunded by the DISCOM to the Wind Power Producer who has paid the amount, within 30 days from the date of commercial operation of the project.

3.5 Any modifications or procedures or changes in arranging interconnection facilities for power evacuations rest with APTRANSCO and DISCOM.

3.6 During the period prior to the Commercial Operation Date, on the request of the Wind Power Producer, the DISCOM will supply energy to the Project for internal consumption, on the Terms and Conditions and at the tariff rates that are applicable from time to time to the category of consumers of the DISCOM to which the Wind Power Producer belongs, provided separate metering arrangements as may be required under the Terms and Conditions of such tariff have been installed at the Project.

#### ARTICLE 4

#### METERING AND PROTECTION

4.1 The Wind Power Producer shall install main meters of Static type 0.2 / 0.2S class accuracy at the Metering Point and the DISCOM shall install check meters of Static type at the same point and of the same accuracy. The main meters and check meters will each consist of a pair of export and import meters with facility for recording meter readings using Meter Recording Instrument. For the purpose of uniformity the Wind Power Producer shall follow metering specifications as developed by the DISCOM from time to time.

4.2 All of the meters required to be installed pursuant to Article 4.1 above shall be jointly inspected and sealed on behalf of both parties and shall not be interfered with, tested or checked except in the presence of representatives of both parties.

4.3 The meter readings from the main meters will form the basis of billing. If any of the meters required to be installed pursuant to Article 4.1 above are found to be registering inaccurately the affected meter will be immediately be replaced.

4.4 Where the half yearly meter check indicates an error in one of the main meter/meters beyond the limits for such meter but no such error is indicated in the corresponding check meter/meters, billing for the month will be done on the basis of the reading on the check meter/meters and the main meter will be replaced immediately.

4.5 If during the half yearly test checks, both the main meters and the corresponding check meters are found to be beyond permissible limits of error, both the meters shall be immediately replaced and the correction applied to the consumption registered by the main meter to arrive at the correct delivered energy for billing purposes for the period of the one month up to the time of such test check,

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computation of delivered energy for the period thereafter till the next monthly meter reading shall be as per the replaced main meter.

4.6 Corrections in delivered energy billing, whenever necessary, shall be applicable to the period between the previous monthly meter reading and the date and time of the test calibration in the current month when the error is observed and this correction shall be for the full value of the absolute error. For the purpose of determining the correction to be applied to any meter registering inaccurately, the meter shall be tested under conditions simulating 100, 50, 20 and 10 percent load at unity power factor and 0.5 power factor. Of these eight values, the error at the load and power factor nearest the average monthly load served at the Interconnection Point during the applicable period shall be taken as the error to be applied for correction.

4.7 If both the main and check meters fail to record or if any of the PT fuses are blown out, then the energy will be computed on a mutually agreeable basis for that period of defect.

4.8 The main and check meters shall be tested and calibrated once in a Financial year utilizing a Standard Meter. The Standard Meter shall be calibrated once in every year at the approved Laboratory by Government of India / Government of Andhra Pradesh, as per Terms and Conditions of supply.

4.9 All main and check meters tests shall be jointly conducted by the authorized representatives of both parties and the results and correction so arrived at mutually will be applicable and binding on both the parties.

4.10 On the Meter Reading Date of each month, meter readings shall be taken (and an acknowledgement thereof signed) by the authorized representatives of both parties.

4.11 Within six (6) months following the execution of this Agreement, the Wind Power Producer and the DISCOM shall mutually agree to technical and performance specifications (including, but not limited to, the metering configuration for the Project) concerning the design and operation of the facilities required to be installed by the Wind Power Producer in order for the Wind Power Producer to operate in parallel with the grid. Thereafter, any change in such specifications shall be subject to mutual agreement of the parties.

4.12 The Project shall be operated and maintained in accordance with good and generally accepted utility standards with respect to synchronizing, voltage, frequency and reactive power control.

4.13 Voltage regulation shall be such as to enable continued paralleling and synchronisation with the network voltage at the point of interconnection.


4.14 The equipment of the Wind Power Producer shall be designed for fluctuations in the frequency within limits of -5% and +3% of the standard frequency of 50 cycles per second.

4.15 The Wind power developer shall ensure that the power factor of the power delivered to the DISCOM is maintained as per the APERC/CEA/CERC norms from the time to time.

4.16 Any change in rupturing capacity of switch-gear, settings of the relays, etc., shall be subject to approval of the DISCOM.

4.17 As the Project's generator may carry fault currents that may occur on the grid, the Wind Power Producer shall provide adequate generator and switchgear protection against such faults. The DISCOM is not responsible for damage, if any, caused to the Project's generator and allied equipment during parallel operation of the generator with the grid.

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4.18 The Wind Power Producer shall make a good faith effort to operate the Project in such a manner as to avoid fluctuations and disturbances to the APTRANSCO's / DISCOM's network due to parallel operation with the network.

4.19 The Wind Power Producer shall control and operate the Project as per Prudent Utility Practices. The DISCOM shall only be entitled to request the Wind Power Producer to reduce electric power and energy deliveries from the Project during a System Emergency, and then only to the extent that in the DISCOM's reasonable judgment such a reduction will alleviate the emergency. The DISCOM shall give the Wind Power Producer as much advance notice of such a reduction as is practicable under the circumstances and shall use all reasonable efforts to remedy the circumstance causing the reduction as soon as possible. Any reduction required of the Wind Power Producer hereunder shall be implemented in a manner consistent with safe operating procedures.

#### ARTICLE 5

#### BILLING AND PAYMENT

5.1 For Delivered Energy purchased, Wind Power Producer shall furnish a bill to the DISCOM calculated at the rate provided for in Article 2.2, in such form as may be mutually agreed between the DISCOM and the Wind Power Producer, for the billing month on or before the 5th working day following the Meter Reading Date.

5.2 The DISCOM shall be entitled to a rebate of 1% of the total amount billed in any billing month for payments made before the due date of payment. Any payment made beyond the due date of payment, DISCOM shall pay interest at existing SBI base rates plus one percent and in case this rate is reduced, such reduced rate is applicable from the date of reduction.

5.3 The DISCOM shall pay the bill on monthly basis as per Article 5.1.

5.4 Letter of Credit: Not later than 30 days prior to the Scheduled COD of the Generating Unit, DISCOM shall cause to be in effect an irrevocable revolving Letter of Credit issued in favour of Wind Power Developer for a minimum period of one year by a Scheduled Bank (the "Letter of Credit").

- a. However Letter of Credit shall not be invoked for any disputed bill amount.
- b. Further LC can be invoked only when DISCOMs fail to pay bill amount by due date of bill payment.

5.5 Direct payment: Wind developer shall submit bills for the energy delivered during the billing period as per the provision of this PPA and there upon DISCOMs shall make payment for the eligible bill amount by the due date of payment.

5.6 Billing disputes: The DISCOM shall pay the bills of Wind Power Producer promptly subject to the clauses 5.1 and 5.2 above.

The DISCOM shall notify Wind Power Producer in respect of any disallowed amount on account of any dispute as to all or any portion of the bill. Wind Power Producer shall immediately take up issue with all relevant information with DISCOM which shall be rectified by the DISCOM, if found satisfactory. Otherwise notify its (DISCOM's) rejection of the disputed claim within reasonable time with reasons therefor. The dispute may also be decided by mutual agreement. If the resolution of any dispute requires the DISCOM to reimburse Wind Power Producer, the amount to be reimbursed shall bear interest at SBI base rates plus one percent and in case this rate is reduced, such reduced rate is applicable from the date of reduction from the date of disallowance to the date of reimbursement.

5.7 All payments by the DISCOM to Wind Power Producer hereunder shall be made to such address as may be designated by Wind Power Producer to the DISCOM in writing from time to time.

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For Axis Energy Ventures India Private Limited

Chairman & Managing Director



Address : M/s [•]  
[address].

Telephone : [•],  
Fax : [•]  
Mobile N. : [•]  
Email id : [•]

## ARTICLE 6 UNDERTAKING

- 6.1 The Wind Power Producer shall be responsible:
- (i) for proper maintenance of the project in accordance with established prudent utility practices.
  - (ii) for operation, maintenance, overhaul of the plant, equipment, works, switch yard and transmission lines and equipment up to the Interconnection Point of the project in close coordination with the DISCOM.
  - (iii) the Wind Power Producer shall furnish the generation and maintenance schedules every year.
  - (iv) for making all payments on account of any taxes, cess, duties or levies imposed by any Government or competent statutory authority on the land, equipment, material or works of the project or on the energy generated or consumed by the project or the Wind Power Producer or on the income or assets of the Wind Power Producer.
  - (v) for obtaining necessary approvals, permits or licences for operation of the project and sale of energy to DISCOM there from under the provision of the relevant laws.
  - (vi) the Wind Power Producer have to comply with the provisions of the AP Code of Technical Interface (Grid Code).
  - (vii) for achieving Commercial Operation Date within two years from the date of signing of the Agreement.
  - (viii) for seeking approval of APTRANSCO and DISCOM in respect of Interconnection Facilities, Pooling Substation and synchronization of the Project with grid.
  - (ix) the Wind Power Producer shall not dismantle and take away project machinery and interconnection facilities during the PPA term.
  - (x) after [•] th year of the operation from Commercial Operation Date, if plant continues to operate, the DISCOM shall have the first right of refusal on power purchase from the Wind power plant. The tariff beyond [•] th year shall be as mutually agreed by both the parties, subject to approval of APERC.
  - (xi) the Clean Development Mechanism (CDM) benefits shall be shared in the ratio of 90:10 between Wind Power Producer and DISCOM.

### 6.2 The DISCOM agrees:

- (i) to make all reasonable efforts for making arrangements for evacuation of power from the project to be completed prior to the Commercial Operation Date of the Project subject to Article 3.
- (ii) for purchase of Delivered Energy from the project as per section 2.2.
- (iii) to co-ordinate with APTRANSCO and assist the Wind Power Producer in obtaining approval for the interconnection facilities where the interconnection is at 132 kV or above voltages, for synchronization, Commercial Operation, regular operation etc., as required by the Wind Power Producer.

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Chairman & Managing Director

For Axis Energy Ventures India Private Limited

*W. S.*  
Chairman & Managing Director

ARTICLE 7

DURATION OF AGREEMENT

This Agreement shall be effective upon its execution and delivery thereof between parties hereto and shall continue in force from the Commercial Operation Date (COD) and until the [•] th anniversary that is for a period of twenty five years from the Commercial Operation Date (COD). This Agreement may be renewed for such further period of time and on such terms and conditions as may be mutually agreed upon by the parties, 90 days prior to the expiry of the said period of twenty five years, subject to the consent of the APERC. Any and all incentives/conditions envisaged in the Articles of this Agreement are subject to modification from time to time as per the directions of APERC.

ARTICLE 8

NOTICES

8.1 Except as otherwise expressly provided in this Agreement, all notices or other communications which are required or permitted hereunder shall be in writing and sufficient if delivered personally or sent by registered or certified mail, email or fax addressed as follows:

If to the Wind Power Producer:

Attention : M/s [•]  
[address].

Telephone : [•],  
Fax : [•]  
Mobile N. : [•]  
Email id : [•]

Attention : [insert designation]  
[name of the discom],  
[insert address]

Fax No. : [•]  
Telephone No. : [•]  
Email id : [•]

8.2 All notices or communications given by email, fax shall be confirmed by depositing a copy of the same in the post office in an envelope properly addressed to the appropriate party for delivery by registered or certified mail. All notices shall be deemed delivered upon receipt, including notices given by email, fax regardless of the date the confirmation of such notice is received.


8.3 Any party may by written notice change the address and/or addresses to which such notices and communications to it are to be delivered or mailed.

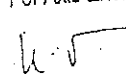
ARTICLE 9

DEFAULT

9.1 The Wind Power Producer shall achieve Commercial Operation Date within two years from the date of signing of the Agreement, default of which, the Agreement is liable for termination and the same can be done at the option of DISCOM with due notice.

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9.2 In the event, DISCOM commits a breach of any of the terms of this Agreement, the Wind Power Producer shall be entitled to specific performance of this Agreement or claim such damages as would be available under Law or both, at its option, by giving 30 days notice to DISCOM.

9.3 In the event, Wind Power Producer commits a breach of any of the terms of this Agreement, the DISCOM shall be entitled to specific performance of this Agreement or claim such damages as would be available under Law or both, at its option, by giving 30 days notice to Wind Power Producer.

9.4 If the default continues for a period of 30 days or more, either party will have a right to issue a preliminary notice for termination of this Agreement. If the default is not cured within 30 days thereafter, either party can terminate this Agreement and can claim damages at its option.

9.5 In the event of cancellation of the Project allotted to the Wind Power Producer by NREDCAP for any reason, the PPA with DISCOM will automatically get cancelled.

#### ARTICLE 10

#### DISPUTE RESOLUTION

10.1 Each Party shall designate in writing to the other party a representative who shall be authorized to resolve any dispute arising under this Agreement in an equitable manner.

10.2. Following notice by one Party to the other setting out the particulars of the dispute, if the designated representatives are unable to resolve a dispute under this Agreement within 15 days, such dispute shall be referred by such representatives to a senior officer designated by the Wind Power Producer and a senior officer designated by the DISCOM, respectively, who shall attempt to resolve the dispute within a further period of 15 days.

10.3. The Parties hereto agree to use their best efforts to attempt to resolve all disputes arising hereunder promptly, equitably and in good faith and further agree to provide each other with reasonable access during normal business hours to any and all non-privileged records, information and data pertaining to any such dispute.

10.4 Failing resolution of the dispute in terms of the above provisions or even otherwise, any party may approach the AP Electricity Regulatory Commission to adjudicate upon the dispute in terms of Section 86 (1) (f) of Electricity Act, 2003.

#### ARTICLE 11

#### SPECIAL PROVISIONS


11.1 The waiver of any breach or failure to enforce any of the terms, covenants or conditions of this Agreement shall not in any way affect, limit, modify or waive the future enforcement of such terms, covenants or conditions.

11.2 No oral or written modification of this Agreement either before or after its execution shall be of any force or effect unless such modification is in writing and signed by the duly authorized representatives of the Wind Power Producer and the DISCOM, subject to the condition that any further modification of the Agreement shall be done only with the prior approval of Andhra Pradesh Electricity Regulatory Commission. However, the amendments to the Agreement as per the respective orders of APERC from time to time shall be carried out.

11.3 However, in respect of power evacuation, the voltage levels for interfacing with grid will be as per Article 1.20.

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Chairman & Managing Director

11.4 The invalidity or unenforceability for any reason of any provision of this Agreement shall not prejudice or affect the validity or enforceability of any other provision of this Agreement.

11.5 The failure of any party to insist in one or more instances upon the strict performance of any of the provisions of this Agreement or to take advantage of any of its rights hereunder shall not be construed as a waiver of any such provisions or relinquishment of any such rights but the same shall continue in full force and effect.

11.6 Unless the context otherwise requires, every arrangement, procedure or any other matter which is, under any of the provisions of this Agreement, required to be mutually agreed upon between the parties, shall be concluded by a written Agreement between the parties not later than the date specified in the concerned clause of this Agreement, subject to the consent of the APERC.

11.7 This Agreement, including Schedule 1, 2 & 3 attached hereto, constitute the entire agreement between the parties with respect to the subject matter hereof, and there are no oral or written understandings, representations or commitments of any kind, express or implied, not set forth herein.

11.8 The headings contained herein are included solely for the convenience of the parties and are not to be used as a basis for interpreting the various sections of this Agreement.

11.9 The parties each agree to act in good faith in implementing the terms and conditions of this Agreement and in carrying out their respective obligations hereunder.

11.10 In the event of the merger or re-organisation of DISCOM, if the resulting entity is able to perform DISCOM's obligations hereunder in no less a manner than DISCOM, the resulting entity shall take the right and responsibility for performance of DISCOM's obligations.

11.11 In the event of the merger or re-organisation of Wind Power Producer if the resulting entity is able to perform Wind Power Producer's obligations hereunder in no less a manner than Wind Power Producer, the resulting entity shall take the right and responsibility for performance of Wind Power Producer's obligations.

11.12 Assignment and Financing: Neither party shall assign this Agreement or any portion thereof to any third party without the prior written consent of the other party which consent shall not be unreasonably withheld.

IN WITNESS WHEREOF, the Wind Power Producer and the DISCOM have caused this Agreement to be executed as of the date and the year first set forth above.

For and behalf of  
[name of the discom]

WITNESS

1.

By:

2.

Its:

For and behalf of  
M/S. [name of the Project Company]

WITNESS

1.

*AJAY*  
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By:  
Suzlon Energy Ltd.  
*Tulsi R Tanti*  
Tulsi R Tanti  
Chairman & Managing Director

*U. V.*  
Fujairas Energy Ventures India Private Limited  
Chairman & Managing Director

12.

2.

Its:

**SCHEDULE 1**

**Particulars of the Project**  
(Referred to in the Preamble to the Agreement)

Name of the Project	Location	No. of Wind Energy Converters	Capacity of the Project*
[Name of Project Company]	[.]	[.]	[.]

**SCHEDULE - 2**

(Copy of sanction proceedings from NREDCAP to the Company)

**SCHEDULE - 3**

(Copy of agreement entered into by the Company with NREDCAP)

*M/S*  
**AJAY JAIN, IAS.,**  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept.  
 A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
  
**Tulsir R Tanti**  
 Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
  
 Chairman & Managing Director



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తెలంగాణ తేలంగానా TELANGANA

SI. No: 2990 Date: 03/02/2016.  
 Sold To : Karunakar  
 S/o : Ramulu R/o. Hyd.  
 To Whom : Axis Energy Ventures India Pvt. Ltd.

*[Signature]*  
 D 935637

K. N. LAL BABU  
 Licenced Stamp Vendor  
 LICENCE NO. 16-07-086/2012,  
 R.L. NO. 16-07-002/2015,  
 H.No. 3-5-948/91/A, Himayath Nagar  
 HYDERABAD DISTRICT  
 PHONE NO. 09492424379

PROJECT AGREEMENT

THIS PROJECT AGREEMENT is executed on the 3<sup>rd</sup> day of the month of February, 2016 between:

**NEW AND RENEWABLE ENERGY DEVELOPMENT CORPORATION OF A.P. LIMITED**,  
 having its office at 5-8-207/2, Pishah Complex, Nampally, Hyderabad - 500 001, represented by  
**Mr. M. Kamalakar Babu**, Vice-Chairman & Managing Director (hereinafter referred to as the "First  
 Party" or "NREDCAP" which expression shall include its successors);

AND

**SUZLON ENERGY LIMITED**, a company duly incorporated under the Companies Act 1956, having  
 its registered office at 5 Shrimali Society, Near Shri Krishna Complex, Navrangpura, Ahmedabad -  
 380009, Gujarat, India and its Corporate Office at "One Earth" Building, Hadapsar, Pune-411028,  
 Maharashtra, India represented by its Senior Vice President, **Dr. V. Bapeshwar Rao** (hereinafter  
 referred to as "Suzlon", which term shall mean and include its successors in interest, group companies,  
 associates and assigns);

AND

**AXIS ENERGY VENTURES INDIA PRIVATE LIMITED**, a company duly incorporated under the  
 Companies Act 1956, having its registered office at 2nd Floor, Plot no.3, House No. 6-3-680/8/3, PMR  
 Plaza, Thakur Mansion Lane, Somajiguda, Hyderabad - 500 082, represented by its Director  
**Mr. K. Kiran Kumar Reddy** (hereinafter referred to "Axis" which term shall mean and include its  
 successors in interest, group companies, associates and assigns),

Suzlon and Axis are hereinafter jointly referred to as "Second Party"

For AXIS ENERGY VENTURES INDIA PVT. LTD.

New & Renewable Energy Development  
 Corporation of Andhra Pradesh Ltd.  
*[Signature]*  
 Vice Chairman & Managing Director

Suzlon Energy Ltd.  
*[Signature]*  
 Dr. V. Bapeshwar Rao  
 Sr. Vice President

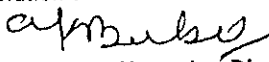
*[Signature]*  
 Director

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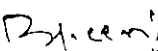
**WHEREAS:**

- A. Suzlon along with its associates is engaged in the business of manufacturing wind turbine generators and developing wind and solar power projects through engineering, procurement and supply model for various independent power producers. Axis, is one of the largest independent power producers in India with primary focus in development and operations of renewable energy projects.
- B. Government of India ("GoI") as part of its goal to achieve green energy commitment has emphasized on increasing the development of renewable energy projects and enhancement of the capacities of power production through renewable energy sources. This has also led to various states with high resources and possibilities of renewable energy power production, such as the state of Andhra Pradesh, to promote the establishment of new and renewable energy projects. The Government of Andhra Pradesh ("GoAP"), in order to promote the development of clean energy initiative, has issued Wind Power Policy 2015, Solar Power Policy 2015 and the Andhra Pradesh Industrial Policy 2015-2020.
- C. The National Institute of Wind Energy (NIWE) has assessed the potential of the state of Andhra Pradesh in wind power projects to be over 22,000 MW with maximum potential identified in the districts of Ananthapuramu, Kadapa, Kurnool, Chittoor and Nellore.
- D. Suzlon while participating in the first renewable energy global investors meet (RE-INVEST), 2015 held on February 15, 2015, had given a commitment to the Honorable Prime Minister of India, in the presence of Honorable Minister for New and Renewable Energy, Power and Coal of India, to develop 11,000 MW of capacity of new wind capacity and develop new manufacturing facilities over a period of 5 years. Suzlon in pursuance to the said commitment initially signed memorandum of understanding (MoU) dated February 15, 2015 at New Delhi with the GoAP and NREDCAP for setting up of manufacturing facility for blades and wind power projects for an aggregate capacity of 430 MW in the state of Andhra Pradesh. Subsequently, Suzlon also signed another MoU dated April 29, 2015 with Industries Department, GoAP on the eve of the launch of Andhra Pradesh Industry Mission, 2015 and Industrial Policy 2015-2020 at Vishakapatnam, for setting up of integrated manufacturing facility for manufacture of wind turbines in the state of Andhra Pradesh. Both the MoU dated February 15, 2015 and April 29, 2015 were executed in presence of Honorable Chief Minister of Andhra Pradesh (both these documents are attached as Annexure 1).
- E. Axis Energy which is in the business of developing Renewable Energy Projects, in particular Wind and Solar, and had presented the "Green Energy Commitment" to the Honourable Prime Minister of India during the First Renewable Energy Global Investors Meet (RE-INVEST), 2015 on February 15, 2015 at New Delhi. Axis Energy Group gave a commitment to develop 12,500 MW of Renewable Energy Projects comprising of 7,000 MW in wind and 5,500 MW in solar projects attached herewith as Annexure 1.
- F. Axis Energy based on the commitment in RE-INVEST 2015 has committed to develop 4,000 MW wind power projects (for which, Axis Energy has already entered into a MoU on 28 Wind Monitoring Stations for Wind Resource Assessment studies with NREDCAP/NIWE ("Axis MoU") and 2500 MW solar power projects in the State of Andhra Pradesh and entered into Memorandum of Understanding with GoAP and NREDCAP in the presence of the Honourable Chief Minister of Andhra Pradesh on February 15, 2015 ("GoAP MoU") attached herewith as Annexure 1. In terms of the GoAP MoU, Government of Andhra Pradesh has given undertaking to facilitate the Axis Energy Group to obtain approvals/permissions/clearances etc. from concerned departments as per rules/policies/regulations prevailing.

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

  
Vice Chairman & Managing Director

**Suzlon Energy Ltd.**

  
Dr. V. Bapeshwar Rao  
Sr. Vice President

For AXIS ENERGY CENTRES INDIA PVT. LTD.

  
Director

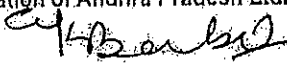


- G. In view of the common objectives and intention of developing renewable energy projects both Suzlon and Axis have discussed and agreed to collaborate and jointly develop the Renewable Energy Projects (as defined hereinafter) in the state of Andhra Pradesh and accordingly on September 03, 2015 a proposal was submitted to GoAP for development of 4000 MW of renewable energy projects in AP along with manufacturing facilities. GoAP after considering the proposal with the concerned authority approved the same and has issued government order G.O.Ms No. 15 dated November 27, 2015 ("GO") (attached herewith as Annexure 2).
- H. In pursuance of said GO, GoAP and the Second Party have executed Memorandum of Understanding dated December 04, 2015 ("MoU") attached herewith as Annexure 3. As per the MoU, Suzlon and Axis have agreed to jointly participate in developing renewable energy projects (comprising of wind power projects (3000 MW) and wind-solar hybrid power projects (1000 MW) projects) for an aggregate capacity of about 4000 MW ("Renewable Energy Projects") and Suzlon shall additionally develop facilities for manufacturing blade, tower, nacelle/generator at multiple locations such as Anathapuramu and Nellore districts or such other districts identified subsequently ("Manufacturing Facilities").
- I. In terms of the MoU, GoAP and the Second Party executed the Project Implementation Agreement dated January 11, 2016 ("Project Implementation Agreement") attached herewith as Annexure 4. GoAP in order to give effect to its obligations under the Project Implementation Agreement had agreed to cause the execution of agreements with its relevant departments, corporations, companies.
- J. In pursuance to the Project Implementation Agreement, the First Party (being the nodal agency for the renewable energy projects as per the Wind Power Policy 2015 of GoAP) has agreed to perform the obligations of GoAP relating to the construction and operation of the Renewable Energy Projects and the Manufacturing Facilities, in accordance to the terms and conditions of this Agreement.

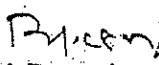
**NOW THEREFORE, PARTIES HEREIN HAVE AGREED TO THE FOLLOWING.**

1. **INTERPRETATIONS**
- 1.1 The nomenclature of this Agreement, heading, and paragraph numbers are only for the convenience of reference.
- 1.2 Reference to persons and words denoting natural persons shall include bodies corporate, partnerships, joint ventures, statutory and other authorities and entities.
- 1.3 Reference to any enactment, ordinance or regulation or any provision thereof shall include any amendment thereof or any replacement in whole or in part.
- 1.4 Reference to Recitals, Clauses, or Sub-Clauses shall unless the context otherwise requires, be deemed to include the Recitals, Clause or Sub-Clauses of this Agreement.
- 1.5 The words importing singulars shall include plurals and vice-versa as the case may be.
- 1.6 Terms beginning with capital letters and defined as per this Agreement shall have the same meaning ascribed thereto.
- 1.7 Any reference at any time to any agreement, deed, instrument, license or document of any description shall be construed as reference to that agreement, deed, instrument, license or other document as amended varied, supplemented, modified or suspended at the time of such reference provided that this Clause shall not operate so as to increase liability or obligations of any Party hereunder or pursuant hereto in any manner whatsoever.

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

  
Vice Chairman & Managing Director

**Suzlon Energy Ltd.**


  
Dr. V. Bapeshwar Rao  
Sr. Vice-President

Page 3 of 17  
For AXIS ENERGY VENTURES INDIA PVT. LTD.

  
Director

- 1.8 Any agreement, consent, approval, authorization, notice, communication, information or report required under or pursuant to this Agreement from or report required under or pursuant to this Agreement from or by any party shall be valid and effectual only if it is in writing and under the hands of duly authorized representative of such party in this behalf and not otherwise.
- 1.9 Any reference to any period commencing "from" a specified day or date and "till" or "until" a specified day or date shall include both such days' or dates.
- 1.10 The words / expressions used in this Agreement shall bear the same meaning as assigned to them in the context in which these have been used in this Agreement.

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.



Vice Chairman & Managing Director

Suzlon Energy Ltd.

Dr. V. Bapashwar Rao  
Sr. Vice President

For AXIS ENERGY VENTURES INDIA PVT. LTD.



Director

2. **DEFINITIONS**

2.1 In this Agreement, the various terms shall have the following meanings, except where the context otherwise requires, definitions and other terms expressed in the singular shall also include the plural and vice versa, namely:-

"Agreement" means this Agreement together with the Schedules attached herein and any amendments made thereto in accordance with the provisions herein contained.

"Applicable Permits" shall mean all clearances, permits, authorisations, consents and approvals required to be obtained or maintained under applicable laws in connection with the Renewable Energy Projects during the subsistence of this Agreement.

"Arbitration Act" means the Arbitration and Conciliation Act, 1996 and shall include modifications to or any re-enactment thereof as in force from time to time.

"Commercial Operation" shall mean the date when the Renewable Energy Projects or the Manufacturing Facilities, as the case may be, shall be commissioned as per the respective implementation plan agreed with GoAP.

"Dispute" shall have the meaning as specified in Clause 11.

"Effective Date" shall mean the date of signing of this Agreement.

"Force Majeure" shall have the meaning as ascribed thereto in Clause 7.

"Individual Project" shall mean each renewable energy project set up as part of the Renewable Energy Projects based on allotment issued by NREDCAP.

"Power Purchase Agreement" shall mean a contractual agreement to be signed with the Andhra Pradesh Power Distribution Companies or any other body for the sale of power generated from the Renewable Energy Projects as may be approved by APERC from time to time.

"Parties" shall mean collectively the First Party and the Second Party.

"Site" means the land used for development of Renewable Energy Projects and the Manufacturing Facilities.

**CLAUSE 3**

**TERMS OF THE AGREEMENT**

3.1 Effectiveness

This Agreement shall come into force from the Effective Date.

3.2 Term of the Agreement

This Agreement shall remain in force for a period of 7 (Seven) years from the Effective Date to remain valid till December 31, 2022 ("Term") including period of construction / development and operation of the Renewable Energy Projects.

For AXIS ENERGY VENTURES INDIA PVT. LTD

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

*[Signature]*  
Vice Chairman & Managing Director

**Suzlon Energy Ltd.**

*[Signature]*  
Dr. V. Bapeshwar Rao  
Vice President

*[Signature]*  
Director

## CLAUSE 4

## EXECUTION OF RENEWABLE ENERGY PROJECTS

## 4.1 OBLIGATIONS OF THE FIRST PARTY

## 4.1.1 Grant of Consents and Approvals

In order to facilitate the construction and operation of the Renewable Energy Projects, the First Party in accordance with the single window clearance mechanism formulated under the Wind Power Policy 2015 of GoAP, Solar Power Policy 2015 of GoAP and GOMs No. 15 dated November 27, 2015, on priority allotment basis grant the following:

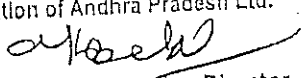
- (i) as per the prevailing policies provide permissions to the Second Party for conducting Wind Resource Assessment, studies and pre-feasibility tests at potential sites.
- (ii) as per the prevailing policies allot capacities in National Wind Energy Institute (NIWE)/ NREDCAP notified sites and also in the potential sites identified by Second Party in the state of Andhra Pradesh in private, revenue and forest lands.
- (iii) up on application by Second Party or any associate/subsidiary company of Second Party or vendees identified by the Second Party for executing the Renewable Energy Projects, any other person acting on their behalf, in compliance of with Applicable Laws, to grant such Applicable Permits or extensions and/or renewals as are required for or in connection with the Renewable Energy Projects, for the execution and development of the Renewable Energy Projects to complete in a timely manner.

## 4.1.2 Allotment of Land

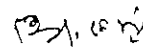
The First Party agrees, upon the Second Party applying for land required for the construction and operation of the Renewable Energy Projects, to take the following actions:

- (i) subsequent to the allotment of capacities for the Renewable Energy Projects, wherever available provide/allot to the Second Party or subsidiary company of Second Party, revenue land owned by GoAP as per policies in force in the State of Andhra Pradesh on long term lease basis, applicable to allotment of land for renewable energy projects. The lease agreements should entitle the lessee to mortgage the lease hold rights on such land to the lenders / financiers of the Renewable Energy Projects, with prior consent of the GoAP / the First Party, as the case may be;
- (ii) in coordination with the relevant departments of GoAP and by issue of necessary approvals / governmental orders / directions / notifications and taking all administrative actions in compliance of provisions of applicable law, the First Party shall facilitate the acquisition of private land in the potential areas to be identified by Second Party either in favour of Second Party or in favour of any of its associate/subsidiary company, in the districts of Ananthapuramu, Kadapa, Kurnool, Chittoor and Nellore or such other districts identified from time to time;
- (iii) to facilitate the capacities that have been identified on endowment lands, the First Party shall extend the necessary support to expedite the approvals from the relevant departments of GoAP as per the applicable law;
- (iv) to facilitate allotment of land for the capacities that have been identified in the forest areas, by submitting applications filed by the Second Party to the forest department of GoAP and by making recommendations to the forest department at the level of GoAP

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

  
Vice Chairman & Managing Director

**Suzlon Energy Ltd.**

  
**Dr. V. Bapeshwar Rao**  
Sr. Vice President

For AXIS ENERGY VENTURES INDIA PVT. LTD.  
Page 6 of 17

  
Director

and/or GoI for diversion of forest land, as per applicable guidelines and regulations. The First Party shall also coordinate and facilitate the provisions of land for compensatory afforestation to be allotted from the land bank available with the GoAP. The Second Party shall make payment of necessary fee/ charges in this regard as per applicable law;

- (v) to provide access to the Site for conducting wind resource assessment tests and any pre-feasibility tests in relation to the Renewable Energy Projects.

#### 4.1.3 Access Rights to Site

The First Party agrees to facilitate on a continuous basis and within the time period decided by the Co-ordination Committee provide: (i) unhindered rights of access rights to the Site; and (ii) such other rights of access, as may be required by the second party, in relation to construct, operate and maintain the Renewable Energy Projects. In case of any issues pertaining to such right of way or easement rights, the First Party shall facilitate to provide all administrative assistance to the Second Party for faster resolution of such issues.

#### 4.1.4 Approvals and Permits from Gram Panchayat and Local bodies

The First Party agrees to facilitate the issuance of necessary clearances from the gram panchayats and the local bodies of the villages wherein the sites for Renewable Energy Projects are to be located. The Second Party in this regard shall pay necessary development charges and layout fee on a time bound basis in accordance with applicable law.

#### 4.1.5 Benefits under Renewable Energy Policies of Andhra Pradesh

In relation to the development of the Renewable Energy Projects, the First Party agrees to extend and coordinate with the relevant departments of GoAP so that all benefits under the Wind Power Policy 2015 of GoAP, and Solar Power Policy, 2015 of GoAP are made available for the Renewable Energy Projects including but not limited to the following:

- (i) provide the Second Party or any associate/subsidiary of the Second Party identified by the Second Party incentives and exemptions and benefits under the Wind Power Policy 2015 of GoAP, and Solar Power Policy, 2015 of GoAP;
- (ii) cause the exemption of payment of electricity duty applicable toward sale of power from the Renewable Energy Projects to the power distribution companies of Andhra Pradesh;
- (iii) cause the grant of deemed PPP status to the Renewable Energy Projects;
- (iv) cause the grant of deemed industry status to the Renewable Energy Projects so that they are eligible for incentives made available to the industrial units under various schemes launched by the Department of Industries, GoAP from time to time;
- (v) grant must run status to the Renewable Energy Projects and shall be considered to be deemed scheduled subject to prevailing regulations / grid code of appropriate commission;
- (vi) coordinate with the relevant departments of GoAP and facilitate that deemed non-agricultural use permission is granted to the land on which the Renewable Energy Projects are to be constructed, subject to payment of applicable charges by the second party; and

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

  
Vice Chairman & Managing Director

**Suzlon Energy Ltd.**

  
Dr. V. Bapeshwar Rao  
Sr. Vice President

For AXIS ENERGY VENTURES INDIA PVT. LTD.  
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Director

- (vii) coordinate with the relevant departments of GoAP and facilitate that the Renewable Energy Projects are exempted from obtaining clearance from State Pollution Control Board.

#### 4.1.6 Power Evacuation Infrastructure for Renewable Energy Projects

The First Party agrees to facilitate to evacuate power produced from the Renewable Energy Projects, on preferential basis by the APTRANSCO. The First Party shall coordinate with APTRANSCO to ensure that the Renewable Energy Projects are provided adequate power evacuation facilities for evacuation of the generated power from the inter connecting point of Renewable Energy Projects, in compliance with the applicable procedures/guidelines and the orders passed by APERC from time to time.

#### 4.1.7 Execution of Power Purchase Agreement

The First Party agrees to coordinate with APPCC / the power distribution companies of Andhra Pradesh to cause the execution of firm Power Purchase Agreements in the format agreed in the Project Implementation Agreement as may be approved by APERC and cause the purchase of the entire capacity of power generated from the Renewable Energy Projects at tariff determined by the Andhra Pradesh Electricity Regulatory Commission under Section 61 (h) of Electricity Act, 2003 and terms of the Power Purchase Agreement approved by APERC from time to time.

#### 4.1.8 Coordination for execution of Manufacturing Facilities

The First Party agrees to coordinate with the Department of Industries, GoAP and the State Investment Promotion Board or such other government departments as may be required, to facilitate that the Manufacturing Facilities are accorded mega industry status as per the Andhra Pradesh Industrial Policy of 2015-2020. The First Party shall recommend to the Industry Department, GoAP for extending all benefits including tailor-made benefits to be provided to industries which are granted mega industry status under the Andhra Pradesh Industrial Policy of 2015-2020. In this regard, the First Party undertakes to facilitate the execution of enforceable and binding agreements with the Department of Industries, GoAP and such other departments of GoAP, as may be required.

### 4.2 OBLIGATIONS OF THE SECOND PARTY

#### 4.2.1 Commissioning of Renewable Energy Projects

The Second Party agrees to achieve the implementation of the Renewable Energy Projects by March 31, 2022, as per the indicative schedule attached in Annexure 5.

- 4.2.2 The Parties agree to mutually discuss and arrive at implementation plans indicating the schedule of different activities to be performed by the development of the Renewable Energy Projects.

- 4.2.3 The Renewable Energy Projects shall require manpower during its construction and operation, the Second Party agrees, subject to applicable laws, to provide employment and make necessary arrangements to provide employments to local residents and/or residents of the state of Andhra Pradesh based on the educational qualifications and technical skills.

- 4.2.4 Upon commissioning of each Individual Project, the Second Party agrees to make payments of any fee payable to the First Party, as may be levied from time to time in relation to such Individual Project.

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

*[Signature]*  
Vice Chairman & Managing Director

Suzlon Energy Ltd.

*[Signature]*  
Dr. V. Bapeshwar Rao  
Sr. Vice President

For AXIS ENERGY VENTURES INDIA PVT. LTD.

Page 8 of 17

*[Signature]*  
Director

4.2.5 In relation to the development and construction of the Renewable Energy Projects, the Second Party shall have the option to incorporate special purpose companies and the First Party agrees to extend all the benefits available to the Second Party, directly or indirectly, under this Agreement to such special purpose companies.

The Second Party shall however be jointly and severally responsible to perform all the obligations stated in this Clause 4.2.

#### CLAUSE 5

#### SPECIAL PROVISIONS

- 5.1 The Second Party may in accordance with the single window clearance mechanism under the AP Wind Power Policy 2015 and AP Solar Power Policy, 2015, submit all applications in relation to the Renewable Energy Projects and Manufacturing Facilities with the First Party. The First Party shall acting as a single desk process the applications submitted by Second Party or where any application is relating to a separate department forward such application to the concerned departments of GoAP as per AP Wind Power Policy, 2015 and AP Solar Policy, 2015.
- 5.2 The First Party shall facilitate that the incentives and exemptions declared by GoAP and/or GoI from time to time after the Effective Date, whether in relation to promoting the renewable energy sector in India or on account of special assistance to industries being set up in the state of Andhra Pradesh for manufacture of renewable energy equipment and are made available to the Renewable Energy Projects and the Manufacturing Facilities, as the case may be.
- 5.3 The First Party shall coordinate with the relevant departments of GoAP that no action or combination of actions are taken the effect of which is or are discriminatory and which treats the Second Party less favorably than any other developer of renewable energy projects in the state of Andhra Pradesh.
- 5.4 Meetings of the Coordination Committee

The First Party as a nodal agency and member of the Coordination Committee (formed in accordance with the Project Implementation Agreement), ensure that meetings of the committee are held at least once in every month. The composition of the Coordination Committee shall comprise of the following:

- (i) the Secretary, Energy Department, GoAP
- (ii) the Secretary to CM, GoAP (Energy)
- (iii) the Secretary, Department of Industries, GoAP
- (iv) the Managing Director, APTRANSCO
- (v) the Vice Chairman and Managing Director, NREDCAP
- (vi) the representatives of Suzlon and Axis
- (vii) As and when required from any of other Department of GoAP/District Administration

The Coordination Committee shall meet to resolve issues being faced in execution of the Renewable Energy Projects and The Coordination Committee may form such committees as may be required for resolution of specific issues arising in the execution of the Renewable Energy Projects.

For AXIS ENERGY VENTURES INDIA PVT. LTD.

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

Vice Chairman & Managing Director

Suzlon Energy Ltd.

Dr. V. Bapeshwar Rao  
Sr. Vice President

Director

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5.5 Assistance to procure construction material

The First Party agrees to on best efforts basis provide the following assistance to the Second Party in procuring construction material required for the setting up of the Renewable Energy Projects and the Manufacturing Facilities:

- (i) priority allotment of licenses for carrying out quarry activities and sand mining along with waiver in terms of respective policy in force from ceiling limits provided in the licenses being generally issued, so that it is able to obtain adequate quantity of construction material required for the renewable energy projects and manufacturing; or
- (ii) assistance for procuring preferential supply of aggregates/cements/sand etc. from respective manufacturers and/or suppliers on priority basis.

5.6 Suzlon shall within 30 (thirty) business days from the execution of this Agreement, furnish performance guarantee for the entire capacity of the Renewable Energy Projects aggregating to Rs. 200 crores, calculated at the rate of Rs. 5 lakhs per MW to the First Party, as per the Clause No.6.5 of Project Implementation Agreement. In the event of default by the Second Party in submission of said performance guarantee, the first Party is relieved of its obligations.

The First Party agrees that upon the commissioning of each Individual Project the amount of the performance guarantee submitted by Suzlon shall stand reduced by a proportionate amount corresponding to the capacity of such Individual Project. Suzlon shall within 30 (thirty) days from the commissioning of each Individual Project furnish a letter from the issuing bank indicating the reduction in the amount of performance guarantee. The First Party shall be entitled to forfeit the performance guarantee for an amount proportionate to the non-commissioned capacities only in the event the commissioning of the Renewable Energy Projects is delayed due to default solely attributable to the Second Party. For clarity, the First Party shall not be entitled to forfeit the performance bank guarantee for any amount if such delay in commissioning of the Renewable Energy Projects is caused or occasioned due to occurrence of a Force Majeure event and/or non-fulfillment of any obligation of the First Party as set out under this Agreement.

5.7 In order to enable the due performance of the duties, obligations and objectives of the Parties under this Agreement, the First Party agrees to facilitate:

- (i) the execution of enforceable and binding agreements with each of the relevant departments, corporations, companies of GoAP such as APTRANSCO, AP DISCOMS etc.;
- (ii) issuance of appropriate orders/notifications from the relevant departments, corporations such as APPCC etc.;

as may be required in relation to the execution of the Renewable Energy Projects, from time to time under applicable laws or any policies.

CLAUSE 6

REPRESENTATIONS AND WARRANTIES

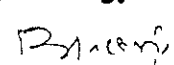
6.1 Each Party represents and warrants to the other Party that:

6.1.1 It has full power and authority to execute, deliver and perform this Agreement;

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

  
Vice Chairman & Managing Director

Suzlon Energy Ltd.

  
Dr. V. Bapeshwar Rao  
Sr. Vice President

Page 10 of 17  
For AXIS ENERGY VENTURES INDIA PVT. LTD

  
Director



- 6.1.2 It has taken all necessary action to authorise the execution, delivery and performance of this Agreement;
- 6.1.3 The execution of this Agreement and performance hereunder constitutes a binding obligation on both the Parties.

**CLAUSE 7**

**FORCE MAJEURE**

- 7.1 Force Majeure shall mean any event or circumstance or combination of events or circumstances that wholly or partly prevent or unavoidably delay the Party claiming Force Majeure (hereinafter referred to as the "Affected Party") in the performance of its obligations under this Agreement and which act or event:
- 7.1.1 is beyond the reasonable control of and not arising out of the fault of the Affected Party;
- 7.1.2 the Affected Party has been unable to prevent by the exercise of due diligence and reasonable efforts, skill and care, including through expenditure of reasonable sums of money; and
- 7.1.3 has a materially adverse effect on the Renewable Energy Projects or the Manufacturing Facilities.
- Such events include any acts of GoAP either in its sovereign or its contractual capacity, war, civil war, insurrection, riots, revolutions, fires, floods, epidemics, quarantine restrictions, freight embargoes, radioactivity and earthquakes.
- 7.2 Upon the occurrence of any Force Majeure Event:
- 7.2.1 The date for achieving the specific obligations shall be extended by the period for which such Force Majeure event subsists and the Term shall be proportionately extended; and
- 7.2.2 The Parties shall bear their respective costs and no Party shall be required to pay to the other Party any costs arising out of any Force Majeure Event.
- 7.3 Obligations during Force Majeure
- The Parties shall discharge the following obligations in relation to the occurrence of a Force Majeure Event:
- 7.3.1 The Affected Party shall not claim any relief for or in respect of a Force Majeure Event unless it shall have notified the other Party in writing of the occurrence of the Force Majeure Event as soon as reasonably practicable, and in any event within 7 (seven) days after the Affected Party knew, or ought reasonably to have known, of its occurrence and the probable material effect that the Force Majeure Event is likely to have on the performance of its obligations under the Agreement.
- 7.3.2 Any notice pursuant to Clause 7.3.1 above shall include full particulars of:
- (i) the nature and extent of each Force Majeure Event which is the subject of any claim for relief under this Clause with evidence in support thereof;
  - (ii) the estimated duration and the effect or probable effect which such Force Majeure Event is having or will have on the Affected Party's performance of its obligations under the Agreement;

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

Vice Chairman & Managing Director

Suzlon Energy Ltd.

*Dr. V. Bapeshwar Rao*  
Dr. V. Bapeshwar Rao  
Sr. Vice President

For AXIS ENERGY VENTURES INDIA PVT. LTD.

*[Signature]*  
Director

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- (iii) the measures which the Affected Party is taking or proposes to take, to alleviate the impact of such Force Majeure Event; and
  - (iv) any other information relevant to the Affected Party's claim.
- 7.3.3 As long as the Affected Party continues to claim to be affected by such Force Majeure Event, it shall provide the other Party with regular (and not less than fortnightly) written reports containing information as required by Clause 7.3.2 and such other information as the other Party may reasonably request the Affected Party to provide.
- 7.3.4 The Parties shall co-operate and negotiate in good faith and will develop implementation plan of remedial and reasonable alternative measures to remove/remedy Force Majeure event to enable the Performance of the Affected Party provided, however, that no Party shall be required under this provision to settle strike or other labour dispute.
- 7.3.5 In case of any Party not willing to implement the plan of remedial and reasonable alternative measures to remove/remedy the Force Majeure event, it shall be construed as a default of such Party and then relevant provisions of Clause 9 shall apply.
- 7.3.6 If the Affected Party is rendered wholly or partially unable to perform its obligations under the Agreement because of a Force Majeure Event, it shall be excused from performance of such of its obligations to the extent it is unable to perform on account of such Force Majeure Event provided that:
- (i) The suspension of performance shall be of no greater scope and of no longer duration than is reasonably required by the Force Majeure Event;
  - (ii) The Affected Party shall make all reasonable efforts to mitigate or limit damage to the other Party arising out of or as a result of the existence or occurrence of such Force Majeure Event and to cure the same with due diligence; and
  - (iii) When the Affected Party is able to resume performance of its obligations under the Agreement, it shall give to the other Party written notice to that effect and shall promptly resume performance of its obligations.

#### CLAUSE 8

#### EVENTS OF DEFAULT

##### 8.1 Event of Default by First Party

The occurrence of and continuation of any of the following events shall constitute "First Party Event of Default" unless such an event occurs as a result of the Suzlon Event of Default, as defined in Clause 8.2:

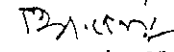
8.1.1 The breach by First Party of any material obligation under this Agreement;

8.1.2 The breach by First Party of any of its representations and warranties provided in this Agreement.

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

  
Vice Chairman & Managing Director

Suzlon Energy Ltd.

  
Dr. V. Bapeshwar Rao  
Sr. Vice President

  
Director

## 8.2. Suzlon Event of Default

The occurrence of and continuation of any of the following events shall constitute "Suzlon of Default" unless such an event occurs as a result of a First Party Event of Default, as defined in Clause 8.1:

8.2.1 The breach by Suzlon of any material provision or obligation under this Agreement;

8.2.2 The breach by Suzlon of any of its representations and warranties provided in this Agreement.

## 8.3. Cure Period

8.3.1 Upon the occurrence of a First Party Event of Default, Suzlon shall have the right to issue a notice of default specifying in reasonable detail the event giving rise to the default. First Party shall take immediate steps to cure such a default within a period of 60 (sixty) days from the date of receipt of the notice of default.

8.3.2 Upon the occurrence of a Suzlon Event of Default, First Party shall have the right to issue a notice of default specifying in reasonable detail the event giving rise to the default. Suzlon shall take immediate steps to cure such a default within a period of 90 (ninety) days from the date of receipt of the notice of default.

## 8.4. Remedies Available to Suzlon

Upon the occurrence and continuation of Event of Default by First Party under Clause 8.1 above, and the failure by First Party to cure such a default within the applicable cure period specified in Clause 8.3.1, Suzlon shall be entitled but not obliged to terminate this Agreement by notice to First Party in accordance with Clause 9.

## 8.5. Remedies Available to First Party

Upon the occurrence and continuation of a Suzlon Event of Default under Clause 8.2 above, and the failure by Suzlon to cure such a default within the applicable cure period specified in Clause 8.3.2, First party shall be entitled but not obliged to terminate this Agreement by notice to Suzlon in accordance with Clause 9.

## CLAUSE 9

## TERMINATION

## 9.1. Notice of Termination

This Agreement may be terminated on serving a thirty days' notice (Notice of Termination):

9.1.1 First Party, in case of a Suzlon Event of Default pursuant to Clause 8.5.

9.1.2 by either Party, notwithstanding anything contained in Clause 7, if such Party is unable to perform any obligations required to be performed under this Agreement due to Force Majeure for a continuous period of 6 (six) months.

9.1.3 Suzlon, in case of a First Party Event of Default pursuant to Clause 8.4.

9.2. On the expiry of the Notice of Termination, the Party which served the Notice of Termination shall be entitled to terminate this Agreement, unless the event leading to the Notice of Termination has been rectified or complied with to the satisfaction of the Party which issued the

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

*(Signature)*  
Vice Chairman & Managing Director

**Suzlon Energy Ltd.**

*(Signature)*  
**Dr. V. Bapeshwar Rao**  
Sr. Vice President

FOR AXIS ENERGY VENTURES INDIA PVT. LTD.

*(Signature)*  
Director

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Notice of Termination. The Party aggrieved by such termination shall be entitled to refer any dispute or claim to arbitration as per Clause 11.

- 9.3 The termination of this Agreement shall be without prejudice to the accrued rights and liabilities of the Parties, as on the date of the termination, unless waived in writing by the Parties.
- 9.4 In the event Suzlon does not exercise its right of termination under Clause 8.4, First party shall ensure to provide all assistance and perform all actions as may be required by Suzlon to complete construction and commission the Renewable Energy Projects and the Manufacturing Facilities, including but not limited procurement of Site and Applicable Permits.
- 9.5 In case the commissioning of the Renewable Energy Projects or the Manufacturing Facilities is delayed, due to Event of Default by First Party, the term of this Agreement shall be extended by the number of days the commissioning of the Renewable Energy Projects or the Manufacturing Projects have been delayed.

#### CLAUSE 10

#### GOVERNING LAW

- 10.1 The rights and obligations of the Parties under or pursuant to this Agreement shall be governed by and constructed according to applicable law. This Agreement shall be subject to the jurisdiction of the competent courts at capital city of Andhra Pradesh.

#### CLAUSE 11

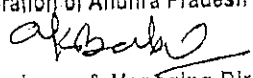
#### RESOLUTION OF DISPUTES

##### 11.1 Good Faith Negotiations

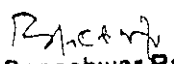
All disputes, disagreement or difference between the Parties (each a "Dispute"), arising out of this Agreement shall be resolved through the following dispute resolution procedure:

- 11.1.1 Either Party shall give to the other a written notice setting out the material particulars of Disputes and requiring an authorized Senior Executive Officer each from the First Party and the Second Party, to meet in person at the capital city of Andhra Pradesh or at any other mutually agreed place within 20 (twenty) working days of the date of receipt of such notice by the relevant party to attempt negotiation in good faith and using their best endeavours at all times to resolve the Disputes.
- 11.1.2 If the Dispute is not resolved as evidenced by the terms of the settlement being reduced to writing and signed by the Senior Executive Officers of both the Parties within 30 (thirty) working days after the date of receipt of the Notice described in Clause 11.1.1.
- 11.1.3 If the Dispute is not resolved at the meeting of the Senior Executive Officers of both the Parties, the Secretary, Energy Department, GoAP and the Chairman of Suzlon and/or Axis shall meet at the capital city of Andhra Pradesh or any other mutually agreed place within 30 (thirty) working days after the expiry of the period as mentioned in Clause 11.1.2, to attempt negotiations in good faith and using their best endeavours at all times to resolve the Dispute within a further period of 30 (thirty) days. If the Dispute is still not resolved as evidenced by the terms of the settlement being reduced to writing and signed by the authorised

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

  
Vice Chairman & Managing Director

**Suzlon Energy Ltd.**

  
Dr. V. Bapeshwar Rao  
Sr. Vice President

For AXIS ENERGY VENTURES INDIA PVT. LTD.

  
Director

representatives of both the Parties, the provisions of the Clause 11.2 shall apply, unless the said period is mutually extended.

- 11.2 All Disputes not resolved between the Parties in accordance with Clause 11.1, shall be settled by way of arbitration in accordance with the provision of Arbitration and Conciliation Act, 1996 including any statutory modification or variation thereof, by reference to an arbitrator panel of 3 (three) arbitrators, one to be appointed by the Second Party, one to be appointed by GoAP and the third to be appointed by the two arbitrators so appointed, who shall act as Chairperson of the Arbitral Tribunal. All expenses of such third arbitrator shall be borne and paid by the parties in equal proportion. The arbitrators shall give a speaking Award.
- 11.3 The Award rendered in any arbitration commenced hereunder shall be final and binding.
- 11.4 During the pendency of any Arbitration the Parties shall continue to perform their respective obligations as detailed in this Agreement unless such performance cannot be reasonably continued.
- 11.5 The arbitration proceedings shall take place at capital city of Andhra Pradesh only and the Courts of the state of Andhra Pradesh alone have jurisdiction to this purpose.
- 11.6 The right to arbitrate disputes under this Agreement shall survive the expiry of term or the Termination of this Agreement.

#### CLAUSE 12

#### AMENDMENTS

- 12.1 No amendments or waiver of any provision of this Agreement and no consent to any departure by either party here from, shall in any event be effective unless the same shall be writing and signed by each of the Parties.

#### CLAUSE 13

#### COMMUNICATION

- 13.1 Any communication/notice by one Party to the other under this Agreement shall be deemed to be served if sent by cable, fax or E-mail followed by a confirmation letter delivered by hand or by registered mail to the respective addresses.
- 13.2 Communication should be addressed as below:

**NREDCAP**  
The Vice-Chairman & Managing Director,  
New & Renewable Energy Development Corporation of A.P. Limited,  
5-8-207/2, Pitsah Complex,  
Nampally, Hyderabad-500 001  
Tel No: +91 040 23202391/23202296  
Fax No: +91 040 23201666  
Email id: vc@redcap.gov.in

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

*Chhankar*  
Vice Chairman & Managing Director

**Suzlon Gujarat Wind Park Ltd.**

*D. V. Seshwar Rao*  
Dr. V. Seshwar Rao  
Sr. Vice President

Page 15 of 17  
For AXIS ENERGY VENTURES INDIA PVT. LTD.

*Srinivas*  
Director

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Suzlon:  
The Chairman and Managing Director  
Suzlon Energy Limited,  
"One Earth" Building, Hadapsar,  
Pune-411028, Maharashtra, India,  
Tel. No.: +91-20-67022000/61356135/67202500  
Fax No.: +91-20-67022100/67022200  
Email id: cmd@suzlon.com

The Chairman and Managing Director,  
Axis Energy Ventures India Private Limited,  
2nd Floor, Plot no.3, House No. 6-3-680/8/3, PMR Plaza,  
Thakur Mansion Lane, Somajiguda, Hyderabad - 500 082  
Tel No.: +91 040 23412312/23412313  
Fax No.: +91 040 23412314  
Email id: ravi@axisenergy.in

CLAUSE 14

MISCELLANEOUS

14.1 Relationship of the Parties

This agreement shall not be interpreted or construed or create an association, joint venture or partnership between the parties or to impose any partnership obligation or right upon either Party. Neither Party shall have any right, power or authority to enter into any agreement or undertaking for, or act on behalf of, or to act as or be an agent or representative of, or to otherwise bind, the other party.

14.2 Third Parties

This agreement is intended solely for the benefit of the parties hereto. Nothing in this agreement shall be construed to create any duty, to standard of care with reference to, or any liability to, any person not a party to this Agreement.

14.3 No Waiver

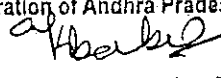
14.3.1 No waiver by either Party of any default by other Party in the observance and performance of any provision of or obligations of or under the agreement. (i) shall operate or be construed as a waiver of any other or subsequent default hereof or of other provisions of or obligations under the agreement; (ii) shall be effective unless it is in writing and executed by a duly authorized representative of the Party; and (iii) shall affect the validity or enforceability of the agreement in any manner.

14.3.2 Neither the failure by either party to insist on any occasion upon the performance of the terms, conditions and provisions of the Agreement or any obligation there under nor time or other indulgence granted by a Party to the other Party shall be treated or deemed as waiver of such breach or acceptance of any variation or the relinquishment of any such right hereunder.

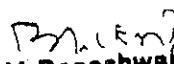
14.4 Exclusion of Implied Warranties

This Agreement expressly excludes any warranty, condition or other undertaking implied at law or by custom or otherwise arising out of any other agreement between the Parties or

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

  
Vice Chairman & Managing Director

Suzlon Energy Ltd.

  
Dr. V. Bapeshwar Rao  
Sr. Vice President

For AXIS ENERGY VENTURES INDIA PVT. LTD.  
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Direct

representation by either Party not contained in a binding legal agreement executed by both Parties.

14.5 Counterparts

This Agreement may be executed in two counterparts, each of which when executed and delivered shall constitute an original of the agreement.

14.6 Severability

If for any reason whatever any provision of this Agreement is or becomes invalid, illegal or unenforceable or is declared by any court of competent jurisdiction or any other instrumentality to be invalid, illegal or unenforceable, the validity, legality or enforceability of the remaining provisions shall not be affected in any manner, and the Parties will negotiate in good faith with a view to agreeing one or more provisions which may be substituted for such invalid, unenforceable or illegal provisions, as nearly as is practicable to such invalid, illegal or unenforceable provision. Failure to agree upon any such provisions shall not be subject to dispute resolution under the Agreement or otherwise.

14.7 Survival

The termination or expiry of this Agreement shall not affect the accrued rights, obligations and liabilities of either party under this agreement, nor shall it affect any continuing obligations, which this Agreement provides, whether expressly or by necessary implication.

IN WITNESS, the Parties hereto have executed and delivered this Agreement at on the date first written above.

For and on behalf of NEW & RENEWABLE ENERGY DEVELOPMENT CORPORATION OF A.P. LIMITED

For and on behalf of SUZLON ENERGY LIMITED

*[Signature]*

*[Signature]*

Vice Chairman & Managing Director

Senior Vice President

For and on behalf of AXIS ENERGY VENTURES INDIA PRIVATE LIMITED

*[Signature]*

Director

Witness:

1. *[Signature]*  
K. Srinivas  
eso, madhava, Hyderabad.

2. *[Signature]*  
N.K. Das  
CONSULTANT  
Suzlon Energy Ltd.

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Annexure - 1



# GREEN ENERGY COMMITMENT

On the occasion of the first Renewable Energy Global Investors Meet (RE-INVEST) 2015, we, representing SUZLON GROUP PUNE, a Company, registered under the Companies Act, with Headquarters at PUNE, hereby present our commitment to the Hon'ble Prime Minister of India that we shall develop 16,000\* Mega Watt (MW) of Renewable Energy Projects during the five year period of 2015-19. [11,000 Manufacturing / 5,000 EPC]

Besides generating 37,668 Million Units of green and clean power annually, these projects will also create employment for 82,000 persons (@ 5 persons/MW) and prevent Carbon emissions of around 36,537 MT per year (@ ..... tons / ..... million unit).



Name: TULSI YANTI  
 Chairman & Managing Director/Managing Director/CEO  
 Name of the Company: SUZLON GROUP OF COMPANIES  
 Telephone No: 91 20 670 22007  
 Email: cmd@suzlon.com

Date: 13th Feb. 2015  
 Place: PUNE

To:  
 The Secretary,  
 Ministry of New and Renewable Energy  
 (Government of India)  
 Block No. 14, CGO Complex, Lodi Road  
 New Delhi - 110003

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.  
  
 Vice Chairman & Managing Director

Suzlon Energy Ltd.  
  
 Dr. V. Bapeshwar Rao  
 Sr. Vice President

For AXIS ENERGY VENTURES INDIA PVT. LTD.  
  
 Director





**Memorandum of Understanding**

This Memorandum of Understanding is entered on 15th day of February, 2015 at New Delhi on the occasion of First Renewable Energy Global Investors Meet (Re-Invest) 2015

**Between**

M/s Suzlon Energy Ltd, a Company Incorporated under the Companies Act, 1956 having its Office at Pune.

**And**

**The Government of Andhra Pradesh**

M/s Suzlon Energy Ltd wishes to establish 200 MW Capacity Wind Turbine blades manufacturing facility in Andhra Pradesh during the five year period of 2015-19 and 1500 (Nos) employment will be created directly/indirectly.

Government of Andhra Pradesh would facilitate M/s Suzlon Energy Ltd to obtain necessary Permissions / Registration / Approvals / Clearances etc. from the concerned departments of the state, as per the existing policies/ rules and regulations of the State Government.

This Memorandum of Understanding is made to facilitate M/s Suzlon Energy Ltd for establishment of the aforesaid Project (s) in Andhra Pradesh in a time bound manner.

For and on behalf of  
**Government of Andhra Pradesh**

*[Signature]*  
(V.C. & Managing Director)  
NREDCAP

For and on behalf of  
**M/s Suzlon Energy Ltd**

*[Signature]*  
(Authorised Signatory)

Secretary, Energy, I & I Dept., Govt. of AP  
For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd & Chairman, NREDCAP  
Suzlon Energy Ltd.

For AXIS ENERGY VENTURES IN

*[Signature]*  
Dr. V. Bapeshwar Rao  
Sr. Vice President

Director

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Annexure - 1



MEMORANDUM OF UNDERSTANDING

Between

M/s SUZLON ENERGY LIMITED

and

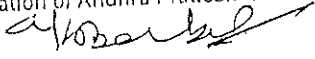
THE STATE GOVERNMENT OF ANDHRA PRADESH, INDIA

This Memorandum of Understanding is made on this 29<sup>th</sup> day of April 2015 by and between Government of Andhra Pradesh, represented by Kartikeya Misra, IAS, Director of Industries, Government of Andhra Pradesh and M/s Suzlon Energy Limited represented by Ranjitsinh Parmar, Sr. President.

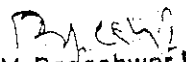
Now, therefore, Government of Andhra Pradesh and M/s Suzlon Energy Limited wish to formalize the understanding as follows:

1. M/s Suzlon Energy Limited intends to establish Integrated Wind Turbine (IWT) manufacturing facility of 500 MW per annum with an investment of Rs. 350 Crore with a potential to create an employment of 500 persons. This facility will cater to the requirement for setting up Renewable Energy Project to the tune of 2,500 MW.
2. Government of Andhra Pradesh will facilitate to provide necessary assistance to M/s Suzlon Energy Limited to improve the investment environment which includes prompt land acquisition, adequate infrastructure development and offering attractive incentives.

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

  
Vice Chairman & Managing Director

Suzlon Energy Ltd.

  
Dr. V. Bapeshwar Rao  
Sr. Vice President

Page 1 of 2

For AXIS ENERGY VENTURES INDIA PVT. LTD.

  
Director

3. Government of Andhra Pradesh will facilitate M/s Suzlon Energy Limited to obtain necessary Permissions/ Registrations/ Approvals/ Clearances etc., from the concerned departments of the state under the Single Desk Policy.
4. This Memorandum of Understanding is made to facilitate M/s Suzlon Energy Limited for establishment of the aforesaid Projects in Andhra Pradesh in a time bound manner.

In witness whereof, the parties have set their respective hands and seals to these presents through their duly authorized representatives on the date first above written.

for Government of Andhra Pradesh

*Kartikaya Misra*

KARTIKEYA MISRA, IAS  
DIRECTOR OF INDUSTRIES  
GOVERNMENT OF ANDHRA  
PRADESH

for M/s Suzlon Energy Limited

*Ranjitsinh Parmar*

RANJITSINH PARMAR,  
SR. PRESIDENT  
SUZLON ENERGY LIMITED

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

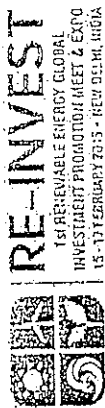
*V. Bapeshwar Rao*  
Vice Chairman & Managing Director

Suzlon Energy Ltd.

*V. Bapeshwar Rao*  
Dr. V. Bapeshwar Rao  
Sr. Vice President

For AXIS ENERGY VENTURES INDIA PVT. LTD.

*[Signature]*  
Director

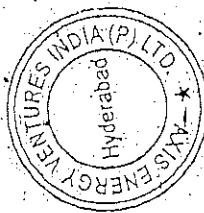


## GREEN ENERGY COMMITMENT

On the occasion of the first Renewable Energy Global Investors Meet (RE-INVEST) 2015, we, representing AXIS ENERGY GROUP a Company, registered under the Companies Act, with Headquarters at HYDERABAD hereby present our commitment to the Hon'ble Prime Minister of India that we shall develop 12500 Mega Watt (MW) of Renewable Energy Projects during the five year period of 2015-19.

Besides generating 250-97 Million Units of green and clean power annually, these projects will also create employment for 18750 persons (@ 1.5 persons / MW) and prevent Carbon emissions of around 21250 MT per year (@ 0.84 tons / 1 million unit).

K. Ravi Kumar Reddy,  
Managing Director  
Axis Energy Group  
Hyderabad - 500 082  
Phone: 8008 444440  
Email: ravi@axisenergy.in



Date: 05.02.2015  
Place: Hyderabad.

To

The Secretary,  
Ministry of New and Renewable Energy  
(Government of India)  
Block No. 14, CGO Complex, Lodhi Road,  
New Delhi - 110 003

*[Signature]*  
Vice Chairman & Managing Director

Axis Energy Ltd.  
*[Signature]*  
Dr. V. Bapeshwar Rao  
Sr. Vice President

*[Signature]*  
Director





## Memorandum of Understanding

This Memorandum of Understanding is entered on 15<sup>th</sup> day of February, 2015 at New Delhi on the occasion of First Renewable Energy Global Investors Meet (Re-Invest) 2015

Between  
**Axis Energy Group**

And

**Government of Andhra Pradesh**

Axis Energy Group during first Renewable Global Investors Meet (RE-INVEST) 2015 presented Green Energy Commitment to the Honble Prime Minister, Government of India to set up 12,500 MW of Wind and Solar Power Projects during the next five years period (2015-2019) on 15<sup>th</sup> day of February, 2015 at New Delhi and this capacity Commitment stands no 2 in the country.

Out of the above capacity as a priority, 4000 MW of Wind power and 2500 MW of Solar Power Projects is committed to setup in the State of Andhra Pradesh including hybrid Wind and Solar power projects during five years period (2015-2019) by Axis Energy Group and reduction of carbon emissions of 11050 MT/year (@1.7 MT/year) and 9750 No's (@1.5 person/ MW) of employment will be created directly/indirectly.


M/s Axis Energy Ventures India Pvt Ltd, installed 28 wind monitoring Stations for Wind Resource Assessment studies in Ananthapur, Kurnool and Kadapa Districts and established wind farmable potential and also 10 sites were already validated by National Institute of Wind Energy, Chennai and notified.

Axis Energy Group companies has obtained sanctions to establish 1066 MW of Wind Power Projects in different sites and entered into Agreement with NREDCAP Ltd, Nodal Agency of State of Andhra Pradesh.

Government of Andhra Pradesh would undertake to facilitate Axis Energy Group to obtain necessary Permissions/ Registrations/ Approvals/ Clearances etc. from the concerned departments of the state, as per the existing policies/ rules and regulations of the State Government.

This Memorandum of Undertaking is made to facilitate Axis Energy Group for establishment of the aforesaid Projects in Andhra Pradesh in a time bound manner as a part of their Green Energy Commitment given to Honble Prime Minister of India during the RE-INVEST - 2015.

For and on behalf of  
Government of Andhra Pradesh

  
M. Kamalakar Babu, M.Sc., B.L.  
(V.C. & Managing Director)  
NREDCAP

  
Ajay Jain, IAS

Secretary, Energy, I & I Dept., Govt. of AP  
& Chairman, NREDCAP

For and on behalf of  
M/s Axis Energy Ventures (I) Pvt. Ltd.,

  
K. Ravi Kumar Reddy  
(Managing Director)

  
Vice Chairman & Managing Director

  
Dr. V. Bapeshwar Rao  
Sr. Vice President

  
Direct

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Annexure - 2

## GOVERNMENT OF ANDHRA PRADESH

## ABSTRACT

Energy, I&I Department - Proposals for entering into an MoU with M/s Suzlon Energy Ltd., for manufacture and development of 4000 MW Renewable Energy Power Projects in the State of Andhra Pradesh - Permission Accorded - Orders - Issued.

## ENERGY, INFRASTRUCTURE &amp; INVESTMENT (PR.II) DEPARTMENT

G.O.Ms.No.15

Dated, 27.11.2015

Read the following:

1. The Chairman of M/s. Suzlon Energy Limited, Letter dated, 03.09.2015.
2. From the VC&MD, NREDCAP Lr.No.NREDCAP/WE/SUZLON/MoU/ 2015, dated. 14.09.2015 and 23.09.2015.

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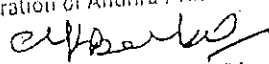
ORDER:-

In the reference 1<sup>st</sup> read above, Chairman of M/s Suzlon Energy Limited, has submitted a representation to Government of Andhra Pradesh, for development of 4000 MW Renewable Energy Power Projects (Wind Energy) and Wind Solar Hybrid Systems and to establish Wind Turbine Generator manufacturing facilities and proposed to sign an MoU with Govt. of AP along with their partners viz M/s. Axis Energy Ventures India Private Limited. They have proposed the investment and commitment as detailed below:-

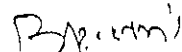
- Manufacturing at multiple locations (i.e. blade, tower, nacelle/generator) to integrate all components of wind turbine generator in Ananthapuramu & Nellore Districts.
- Employment generation
  - Direct : 8,000 (manufacturing & projects)
  - Indirect : 25,000 (approx.)
- Establishment of wind and wind-solar hybrid projects (mostly in Ananthapuramu District)
- Establishment of skill development centre (in Ananthapuramu District)
- Establishment of SUZLON Chair at the proposed Energy University

2. Accordingly, the VC&MD, NREDCAP has in his letter second read above, has reported that M/s. Suzlon Energy Ltd., has global presence with an installed capacity of about 15,000 MW in 19 countries including 8,700 MW in India. They have proposed to develop 4,000 MW RE capacity over a period of five years mostly in Ananthapuramu District and they have proposed to sign an MoU jointly with Government of AP for development of the above projects. It has also been informed that M/s. Suzlon Energy Ltd., have agreed to set up integrated wind turbine manufacturing units in the State and signed an MOU with the Industries Department on 29-04-2015. M/s. Axis Energy Ventures India Pvt Ltd., a partner of M/s Suzlon Energy Limited, has conducted detailed wind monitoring studies as per the MNRE guidelines at 28 locations and about 3500-4000 MW capacity wind power potential is available at these locations in mostly Ananthapuramu District and NREDCAP has already allotted 1066 MW wind power projects to M/s. Axis Energy Group companies. Hence, the VC&MD, NREDCAP has proposed that M/s. Suzlon Group and M/s. Axis Energy Group will jointly develop 4000 MW Renewable Energy power projects over a period of 5 years and also manufacturing facilities by M/s. Suzlon Group. Both the parties have proposed to sign an MOU with the Government of AP. The firm has requested to extend necessary benefits, incentives, single window facilitation etc., as per the provisions of AP Wind Power Policy 2015 and AP Industrial Policy 2015-2020. M/s. Suzlon Group has also agreed to submit Performance Bank Guarantee @ Rs. 5.00 lakh per MW (approximately Rs. 200 crores) for

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

  
Vice Chairman & Managing Director

Suzlon Energy Ltd.

  
Dr. V. Bapeshwar Rao  
Sr. Vice President

For AXIS ENERGY VENTURES INDIA PVT. LTD.

  
Director

the entire capacity of 4,000 MW for implementation on time bound basis. Subsequent to signing of MOU, it is proposed to sign an Implementation agreement, and agreed to provide Performance Bank Guarantee for timely completion of the project as per the timelines indicated in the proposed Implementation agreement. The expected investment that can be brought into the State will be Rs. 28,000 crores towards establishment of 4,000 MW wind power and Rs. 500 crores towards establishment of manufacturing facilities. The Government of AP have also proposed to develop 4,150 MW capacity wind power projects by the year 2018-19, and also the NREDCAP is planning to develop Ananthapuramu District as Renewable Energy Hub under Power For All 24x7 Scheme.

Taking into consideration all the above, an MOU has been prepared indicating all the modalities and commitments of both the parties.

Government after careful consideration, hereby approves the proposal for entering into an MOU with M/s Suzlon Energy Limited and M/s Axis Energy Ventures India Private Limited as per the approved format annexed to this order.

The Vice Chairman & Managing Director, NREDCAP shall take further necessary action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

ADAY JAIN  
SECRETARY TO GOVERNMENT

To  
The Vice Chairman & Managing Director, NREDCAP, Hyderabad. (we).  
The Chairman, M/s Suzlon Energy Limited. (we).

Copy to:-  
The PS to Secretary to CM.  
The PS to Chief Secretary to Govt.  
The General Administration (Cabinet) Department.  
SF/SCs.

//FORWARDED BY ORDER//

SECTION OFFICER

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

Vice Chairman & Managing Director

Suzlon Energy Ltd.

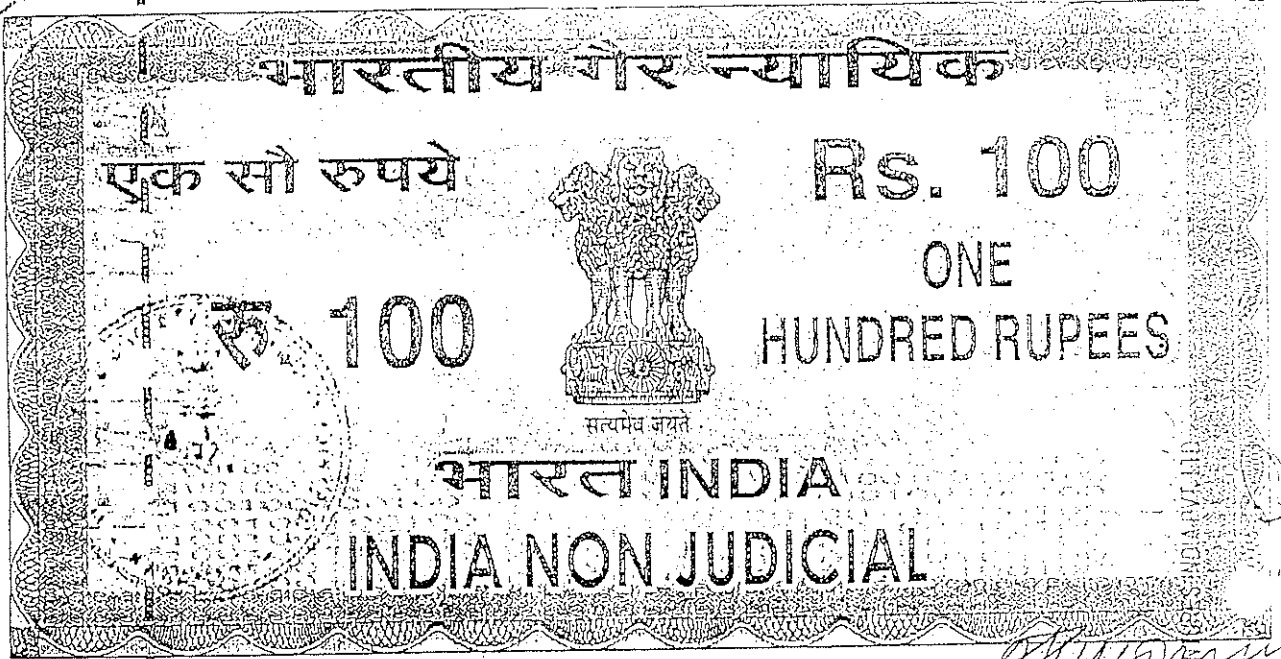
Dr. V. Bapeshwar Rao  
Sr. Vice President

For AXIS ENERGY VENTURES INDIA PVT. LTD.

Director

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Annexure - 3



తెలంగాణ తేలంగానా TELANGANA

Sl. No. 23347 Date. 17/10/2015.  
 Sold To : Jaisimha  
 S/o : Narsig Rao R/o. Hyd.  
 To Whom : Suzlon Energy Ltd.

K. N. LAL BABU  
 Licenced Stamp Vendor  
 LICENCE NO. 16-07-086/2012  
 R.L. NO. 16-07-002/2015.  
 H.No. 3-5-948/91/A, Himayath Nagar  
 HYDERABAD DISTRICT  
 PHONE NO. 09492424379

Suzlon Energy Ltd. For AXIS ENERGY LTD.

Dr. A. C. M. Bapeshwar Rao  
Suzlon Energy Ltd. Vice President

MEMORANDUM OF UNDERSTANDING

The Memorandum of Understanding ("MOU") is entered into on this 4<sup>th</sup> day of December, 2015 at Vijayawada by and between:

**SUZLON ENERGY LIMITED**, a company duly incorporated under the Companies Act 1956, having its registered office at 5 Shrimali Society, Near Shri Krishna Complex, Navrangpura, Ahmedabad - 380009, Gujarat, India and its Corporate Office at "One Earth" Building, Hadapsar, Pune-411028, Maharashtra, India represented by its authorised signatory Mr Tulsj Tanti, Chairman & Managing Director (hereinafter referred to as "Suzlon Group", which term shall mean and include its successors in interest, group companies, associates and assigns);

AND

Suzlon Energy Ltd.  
 Tulsj R Tanti  
 Chairman & Managing Director

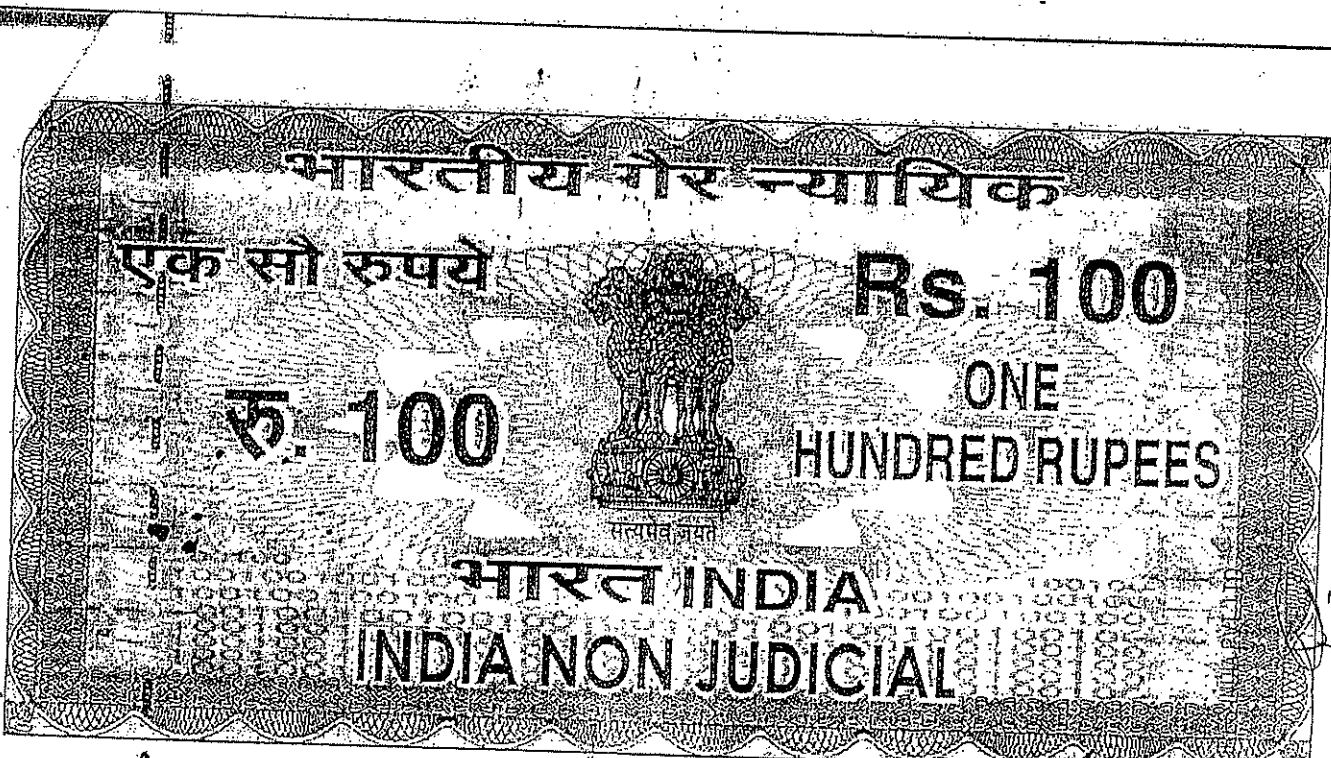
For Axis Energy Ventures India Private Limited  
 Chairman & Managing Director

Page 1 of 8  
 AJAY JAIN, IAS.,  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept.  
 A.P. Secretariat, Hyderabad - 500 022.

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

Vice Chairman & Managing Director





తెలంగాణ తెలంగాణ TELANGANA

Sl. No. 23346 Date 17/10/2015.  
Sold To: Jaisimha  
S/o: Narsig Rao R/o. Hyd.  
To Whom: Suzlon Energy Ltd.

K.N. LAJ BABU  
Licensed Stamp Vendor  
LICENCE NO: 1607-08/2012  
R.L.No.16-07-002/2013.  
H.No.5-248/217A, Himayath Nagar  
HYDERABAD DISTRICT  
PHONE NO. 09492424312

For AXIS ENERGY LTD. Suzlon Energy Ltd.

Dr. V. Bapeshwar Rao  
Sr. Vice President

AXIS ENERGY VENTURES INDIA PRIVATE LIMITED, a holding Company of Axis Energy Group, a Company duly incorporated under the Companies Act 1956, having its registered office at 2<sup>nd</sup> floor, Plot No.3, H.No.6-3-680/3/3, PMR Plaza, Thakur Mansion Lane, Somajiguda, Hyderabad - 500082, represented by its authorised signatory Mr. K. Ravikumar Reddy, Chairman & Managing Director (hereinafter referred to "Axis Energy Group" which term shall mean and include its successors in interest, group companies, associates and assigns).

Suzlon Group and Axis Energy Group, hereinafter shall jointly be referred to as the "Parties of First Part/First Party".

AND

GOVERNMENT OF ANDHRA PRADESH, represented by its Secretary, Energy Infrastructure and Investment Department & CRDA, Government of Andhra Pradesh Secretariat, Hyderabad, hereinafter referred to as the "Party of the Second Part/Second Party".

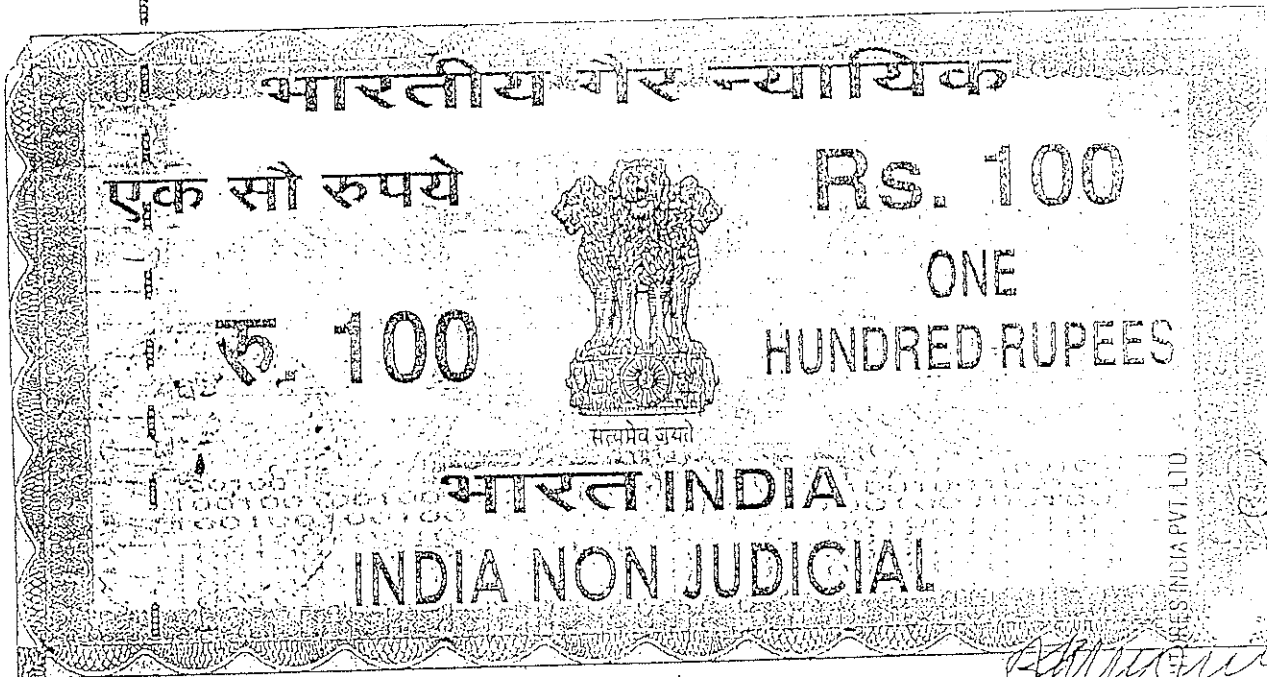
For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

Vice Chairman & Managing Director

Suzlon Energy Ltd.  
T. Raju  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
Chairman & Managing Director

AJAY JAIN, IAS.  
Secretary to Government  
Energy Infrastructure & Investment Dep't  
A.P. Secretariat, Hyderabad - 500 022.



తెలంగాణ తెలంగాణ TELANGANA

Sl. No: 23345 Date: 17/10/2015.  
 Sold To : Jaisimha.  
 S/o : Narsig Rao R/o. Hyd.  
 To Whom : Suzlon Energy Ltd.

K. N. LAL BABU  
 Licenced Stamp Vendor  
 LICENCE NO. 16-07-035/2012  
 R.L. NO. 16-07-002/2015.  
 H.No. 3-3-948/91/A, Himayat Nagar  
 HYDERABAD DISTRICT  
 PHONE NO. 09492424379

Suzlon Energy Pvt. Ltd.  
 Suzlon Energy Ltd.

D. V. Bapeshwar Rao  
 Vice President

WHEREAS:

The Government of India as part of its goal to achieve green energy commitment has emphasized on increasing the development of renewable energy projects and enhancement of the capacities of power production through renewable sources. This has also led to various states with high resources and possibilities of renewable energy power production, such as the state of Andhra Pradesh, to promote the establishment of new and renewable energy projects.

The National Institute of Wind Energy (NIWE) has assessed the potential of the State of Andhra Pradesh in wind power projects to be over 22,000 MW with maximum potential identified in the districts of Ananthapuramu, Kadapa, Kurnool, Chittoor and Nellore. The Second Party, in order to promote the development of clean energy initiative, has issued Wind Power Policy 2015 and the Andhra Pradesh Industrial Policy 2015-2020.

Suzlon Energy Ltd.  
  
 Tuls R. Tanji  
 Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
  
 Chairman & Managing Director

AJAY JAIN, IAS.,  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept.  
 A.P. Secretariat, Hyderabad - 500 022.

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.  
 Vice President

Suzlon Group which is the largest wind energy player of India, and one of the world leaders, along with its associates is in the business of manufacturing wind turbine generators and developing wind and solar power projects through engineering, procurement and supply model for various independent power producers across India and has about 14 manufacturing facilities spread across India and America. Suzlon Group has built and consolidated its presence in 19 countries and installed over 14,600 MW of wind power projects globally.

Suzlon Group while participating in the First Renewable Energy Global Investors Meet (RE-INVEST), 2015 held on February 15, 2015, had given a commitment to the Honourable Prime Minister of India, in presence of Honourable Minister for New & Renewable Energy, Power and Coal of India, to develop 11,000 MW of capacity of new wind capacity and develop new manufacturing facilities over a period of five years.

Suzlon Group in pursuance to the said commitment initially signed Memorandum of Understanding dated February 15, 2015 at New Delhi with the Second Party for setting up of manufacturing facility for blades and wind power projects for an aggregate capacity of 450 MW in state of Andhra Pradesh. Subsequently, the Suzlon Group also signed another Memorandum of Understanding dated April 29, 2015 with Industries Department, GoAP on the eve of the launch of Andhra Pradesh Industry Mission, 2015 and Industrial Policy 2015-2020 at Visakhapatnam, for setting up of integrated manufacturing facility for manufacture of wind turbines in the state of Andhra Pradesh. Both the memorandum of understandings dated February 15, 2015 and April 29, 2015 were executed in presence of Honourable Chief Minister of Andhra Pradesh (hereinafter both MoUs are jointly referred as "Suzlon MoUs").

Suzlon Group is desirous of participating in the initiatives of Second Party in harnessing the wind power potential in the state of Andhra Pradesh, by (i) setting up three manufacturing facilities i.e two (2) at Anathapuramu (for nacelles and blades) and one at Krishnapatnam (for towers) ("Manufacturing Facilities"); and (ii) setting up renewable energy projects for an aggregate capacity of around 3,000 MW capacity of wind power projects and 1000 MW Wind-Solar Hybrid project, at sites feasible for developing such projects in the State of Andhra Pradesh (together "Renewable Energy Projects").

For AXIS ENERGY VENTURES INDIA PVT. LTD.

Suzlon Energy Ltd.

Dr. V. Bapeshwar Rao  
Sr. Vice President

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

Vice Chairman & Managing Director

Suzlon Energy Ltd.  
TULSI R Janti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
Chairman & Managing Director

Page 4 of 8  
AJAY JAIN, IAS.  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Axis Energy Group which is in the business of developing Renewable Energy Projects, in particular Wind and Solar, and had presented the "Green Energy Commitment" to the Honourable Prime Minister of India during the First Renewable Energy Global Investors Meet (RE-INVEST), 2015 on February 15, 2015 at New Delhi. Axis Energy Group gave a commitment to develop 12,500 MW of Renewable Energy Projects comprising of 7,000 MW in wind and 5,500 MW in solar projects.

For AXIS ENERGY VENTURES INDIA PVT. LTD.

Director

Axis Energy Group has committed to develop 4,000 MW wind power projects (for which, Axis Energy Group has already entered into a MoU on 28 Wind Monitoring Stations for Wind Resource Assessment studies with NREDCAP/NIWE ("Axis MoU") and 2500 MW solar power projects in the State of Andhra Pradesh. As per initial studies, the potential generation capacity estimated under the Axis MOU is around 3500-4000 MW of wind power projects, in addition to the 1,066 MW capacities of wind power projects sanctioned by the Government of Andhra Pradesh. Accordingly, Axis Energy Group had given commitment to establish wind power projects in state of Andhra Pradesh and had entered into Memorandum of Understanding with the Government of Andhra Pradesh in the presence of the Honourable Chief Minister of Andhra Pradesh on February 15, 2015 ("GoAP MoU"). Government of Andhra Pradesh has given undertaking to facilitate the Axis Energy Group to obtain approvals /permissions /clearances etc. from concerned departments as per rules/policies/regulations prevailing.

Suzlon Energy Ltd.

Dr. V. Bapeshwar Rao  
Sr. Vice President

The Parties of the First Part, in view of the common objectives under GoAP MoU and the Suzlon MoUs, are proposing to collaborate and jointly develop (under various business models) the Renewable Energy Projects (SUZLON group jointly with Axis Group) and the Manufacturing Facilities (by SUZLON Group) in the State of Andhra Pradesh over a period of next five years. Hence, the Parties of the First Part have also held discussions and decided to jointly approach the Second Party, seeking assistance for setting up the Manufacturing Facilities and developing the Renewable Energy Projects. The Second Party, on the request of the Parties of First Part, have agreed to facilitate the establishment of the Manufacturing Facilities and the development of the Renewable Energy Projects in the State of Andhra Pradesh, pursuant to the provisions of this MoU.

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

Vice Chairman & Managing Director

Suzlon Energy Ltd.  
Tulsi R. Janti  
Chairman & Managing Director


For Axis Energy Ventures India Private Limited

Chairman & Managing Director

AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

NOW THEREFORE, PARTIES HERIN HAVE AGREED TO THE FOLLOWING.

1. The Parties of First Part propose to develop (under various business models) the Manufacturing Facilities and Renewable Energy Projects in State of Andhra Pradesh over a period of next five years between 2015 to 2020. The Parties of First Part in this regard agree and undertake to the following:
  - (i) Achieve the implementation of Manufacturing Facilities by SUZLON Group and Renewable Energy Projects by SUZLON & Axis Group by March 31, 2020;
  - (ii) To generate employment, subject to applicable laws and requirement of the Manufacturing Facilities and Renewable Energy Projects;
  - (iii) Set up skill development centres in relation to Manufacturing Facilities and Renewable Energy Projects;
  - (iv) Submit a business plan/project schedule identifying the development of the Manufacturing Facilities and the Renewable Energy Projects; and
  - (v) Provide security in the form of Bank Guarantee at the rate of Rs. 5 lakhs per MW for the entire capacity of the Renewable Energy Projects, on a progressive basis to the Second Party.
2. The Second Party agrees to the following:
  - (i) In relation to setting up of the Manufacturing Facilities and development of the Renewable Energy Projects:
    - Priority allotment of government land on long-term lease basis to the First Party/ Parties of First Part in accordance with procedure in vogue, and wherever required assistance to the First Party/ Parties of First Part, as the case may be, for procurement of Private and Forest land;
    - Facilitate the First Party/ Parties of First Part, as the case may be, in the acquisition of identified land in accordance with law.
    - Permit the development of Renewable Energy Projects on the land identified by the First Party;

Suzlon Energy Ltd.  
  
 Tulsir Tanti  
 Chairman & Managing Director

For Axis Energy Ventures India Private Limited

  
 Chairman & Managing Director


AJAY JAIN, JAS.  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept.  
 A.P. Secretariat, Hyderabad - 500 022.

For AXIS ENERGY VENTURES INDIA PVT. LTD.

Suzlon Energy Ltd.

  
 Dr. V. Bapeshwar Rao  
 Sr. Vice President

For New & Renewable Energy Development  
 Corporation of Andhra Pradesh Ltd.

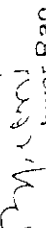
  
 Vice Chairman & Managing Director

- Facilitate the approval of the relevant gram panchayats for setting up the Renewable Energy Projects;
  - Facilitate availability the benefits under single window clearance for procuring necessary approvals and clearances for setting up of the Manufacturing Facilities and development of the Renewable Energy Projects; and
- (ii) Priority allocation of capacities for the Renewable Power Projects as per the procedures in vogue by NREDCAP;
  - (iii) Make Availability of all benefits under the Wind Power Policy 2015 and the Andhra Pradesh Industrial Policy of 2015-2020.
  - (iii) Make Availability of adequate power evacuation facilities by the power transmission corporation/s for evacuation of power from the inter connecting point of Renewable Energy Projects as per the procedure in vogue.
  - (iv) Make Availability of necessary infrastructure for ensuring unhindered access to and utilisation of the Manufacturing Facilities and the Renewable Energy Projects.
  - (v) Provide to the First Party incentives under the Mega Industrial Policy of the Government of Andhra Pradesh.
3. Execution of firm Power Purchase Agreements for the capacities committed under this MOU with Feed in Tariff as per the prevailing regulations and orders of the AP Electricity Regulatory Commission for Wind Power and Wind Solar Hybrid Power Projects.
  4. Axis Energy Group represents to the Second Party, that they are collaborating with Suzlon Group, for the development of the above mentioned projects and further agrees and confirms to Second Party that as part of the said collaboration, they will allocate capacity to the First Party/ Parties of First Part for development of the Renewable Energy Projects, and extend other rights and benefits to the First Party/ Parties of First Part as may be available to it in terms of the MoU with the Second Party.

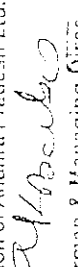
For AXIS ENERGY VENTURES INDIA PVT. LTD.

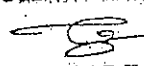

  
Director

Suzlon Energy Ltd.


  
Dr. V. Bapeshwar Rao  
Sr. Vice President

For New &amp; Renewable Energy Development Corporation of Andhra Pradesh Ltd.


  
Vice Chairman & Managing Director

Suzlon Energy Ltd.  
  
 Tulsir R Tanti  
 Chairman & Managing Director

For Axis Energy Ventures India Private Limited


  
Chairman & Managing Director

AJAY JAIN, IAS.,  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept.  
 A.P. Secretariat, Hyderabad - 500 022.



AND

**AXIS ENERGY VENTURES INDIA PRIVATE LIMITED**, a company duly incorporated under the Companies Act 1956, having its registered office at 2nd Floor, Plot no.3, House No. 6-3-680/8/3, PMR Plaza, Thakur Mansion, Lane, Somajiguda, Hyderabad - 500 082, represented by its authorised signatory Mr. K. Ravi Kumar Reddy, Chairman and Managing Director (hereinafter referred to as "Axis" which term shall mean and include its successors in interest, group companies, associates and assigns),

Suzlon and Axis are hereinafter jointly referred to as "Second Party"

WHEREAS:

- A. Suzlon along with its associates is engaged in the business of manufacturing wind turbine generators and developing wind and solar power projects through engineering, procurement and supply model for various independent power producers. Axis is one of the largest independent power producers in India with primary focus in development and operations of renewable energy projects.
- B. Government of India (GoI) (defined hereinafter) as part of its goal to achieve green energy commitment has emphasized on increasing the development of renewable energy projects and enhancement of the capacities of power production through renewable energy sources. This has also led to various states with high resources and possibilities of renewable energy power production, such as the state of Andhra Pradesh, to promote the establishment of new and renewable energy projects. The GoAP, in order to promote the development of clean energy initiative, has issued Wind Power Policy 2015 and the Andhra Pradesh Industrial Policy 2015-2020.
- C. The National Institute of Wind Energy (NIWE) has assessed the potential of the state of Andhra Pradesh in wind power projects to be over 22,000 MW with maximum potential identified in the districts of Ananthapuramu, Kadapa, Kurnool, Chittoor and Nellore.
- D. Suzlon while participating in the first renewable energy global investors meet (RE-INVEST), 2015 held on February 15, 2015, had given a commitment to the Honorable Prime Minister of India, in the presence of Honorable Minister for New and Renewable Energy, Power and Coal of India, to develop 11,000 MW of capacity of new wind capacity and develop new manufacturing facilities over a period of 5 years. Suzlon in pursuance to the said commitment initially signed memorandum of understanding (MoU) dated February 15, 2015 at New Delhi with the GoAP for setting up of manufacturing facility for blades and wind power projects for an aggregate capacity of 430 MW in the state of Andhra Pradesh. Subsequently, Suzlon also signed another MoU dated April 29, 2015 with Industries Department, GoAP on the eve of the launch of Andhra Pradesh Industry Mission, 2015 and Industrial Policy 2015-20 at Vishakapatnam, for setting up of integrated manufacturing facility for manufacture of wind turbines in the state of Andhra Pradesh. Both the MoU dated February 15, 2015 and April 29, 2015 were executed in presence of Honorable Chief Minister of Andhra Pradesh. (both these documents are attached as Annexure I).
- E. Axis Energy which is in the business of developing Renewable Energy Projects, in particular Wind and Solar, and had presented the "Green Energy Commitment" to the Honourable Prime Minister of India during the First Renewable Energy Global Investors Meet (RE-INVEST), 2015 on February 15, 2015 at New Delhi. Axis Energy Group gave a commitment to develop 12,500 MW of Renewable Energy Projects comprising of 7,000 MW in wind and 5,500 MW in solar projects.

For AXIS ENERGY VENTURES INDIA PVT. LTD.

Suzlon Energy Ltd.

Dr. V. Bapeshwar Rao  
Sr. Vice President

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

Vice Chairman & Managing Director

**AJAY JAIN, IAS.**  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited

Chairman & Managing Director

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- F. Axis Energy based on the commitment in RE-INVEST 2015 has committed to develop 4,000 MW wind power projects (for which, Axis Energy has already entered into a MoU on 28 Wind Monitoring Stations for Wind Resource Assessment studies with NREDCAP/NIWE ("Axis MoU") and 2500 MW solar power projects in the State of Andhra Pradesh and entered into *Memorandum of Understanding* with the Government of Andhra Pradesh in the presence of the Honourable Chief Minister of Andhra Pradesh on February 15, 2015 ("GoAP MoU"). In terms of the GoAP MoU, Government of Andhra Pradesh has given undertaking to facilitate the Axis Energy Group to obtain approvals/permissions/clearances etc. from concerned departments as per rules/policies/regulations prevailing.
- G. In view of the common objectives and intention of developing renewable energy projects both Suzlon and Axis have discussed and agreed to collaborate and jointly develop the Renewable Energy Projects (as defined hereinafter) in the state of Andhra Pradesh and accordingly on September 03, 2015 a proposal was submitted to GoAP for development of 4000 MW of renewable energy projects in AP along with manufacturing facilities. GoAP after considering the proposal with the concerned authority approved the same and has issued government order G.O.Ms No. 15 dated November 27, 2015 ("GO") (attached herewith as Annexure 2).
- H. The Parties in pursuance of said GO, have executed Memorandum of Understanding dated December 04, 2015 ("MoU") attached herewith as Annexure 3. As per the MoU, Suzlon and Axis have agreed to jointly participate in developing renewable energy projects (comprising of wind power projects (3000 MW) and wind-solar hybrid power projects (1000 MW) projects) for an aggregate capacity of about 4000 MW ("Renewable Energy Projects") and Suzlon shall additionally develop facilities for manufacturing blade, tower, nacelle/generator at multiple locations such as Anathapuramu and Nellore districts or such other districts identified subsequently ("Manufacturing Facilities").
- I. In terms of the MoU the Parties had agreed to execute Project Implementation Agreement incorporating the terms and conditions relating to the implementation of the Renewable Energy Projects and the Manufacturing Facilities.

For AXIS ENERGY VENTURES INDIA PVT. LTD.

*[Signature]*  
Director

Suzlon Energy Ltd.

*[Signature]*  
Dr. V. Babeshwar Reddy  
Sr. Vice President

NOW THEREFORE, PARTIES HEREBIN HAVE AGREED TO THE FOLLOWING.

1. INTERPRETATIONS

- 1.1 The nomenclature of this Agreement, heading and paragraph numbers are only for the convenience of reference.
- 1.2 Reference to persons and words denoting natural persons shall include bodies, corporate, partnerships, joint ventures, statutory and other authorities and entities.
- 1.3 Reference to any enactment, ordinance or regulation or any provision thereof shall include any amendment thereof or any replacement in whole or in part.
- 1.4 Reference to Recitals, Clauses, or Sub-Clauses shall unless the context otherwise requires, be deemed to include the Recitals, Clause or Sub-Clauses of this Agreement.
- 1.5 The words importing singulars shall include plurals and vice-versa as the case may be.
- 1.6 Terms beginning with capital letters and defined as per this Agreement shall have the same meaning ascribed thereto.
- 1.7 Any reference at any time to any agreement, deed, instrument, license or document of any description shall be construed as reference, to that agreement, deed, instrument, license or other document as amended varied, supplemented, modified or suspended at the time of such

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

*[Signature]*  
Vice Chairman & Managing Director

AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
*[Signature]*  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
*[Signature]*  
Chairman & Managing Director



- 5. Besides the understanding agreed herein, the Second Party and the First Party will execute a Project Implementation Agreement within 30 days from the execution of this MoU, setting out in detail the terms and conditions (including the timelines) for implementation of the commercial transaction contemplated herein.
- 6. This MoU shall be governed by laws of India.

IN WITNESS WHEREOF, the parties have caused this MoU to be duly executed by their duly authorised representatives on the date and year first here in above.

For and on behalf of  
Suzlon Energy Ltd

For and on behalf of  
Government of Andhra Pradesh

Tulsi Parthi  
Chairman &  
Managing Director

SECRETARY  
Energy, I&T and CRDA

For and on behalf of  
Axis Energy Ventures  
India Private Limited

K RAVI KUMAR REDDY  
Chairman &  
Managing Director

Witness:

1.   
(K. RAVI KUMAR REDDY)

2.   
(Dr. V. B. Rao)

Witness:

1.   
(M. KAMALAKAR REDDY)

2.   
(C. V. SRINIVAS REDDY)

FOR AXIS ENERGY VENTURES INDIA PVT. LTD.

Suzlon Energy Ltd.

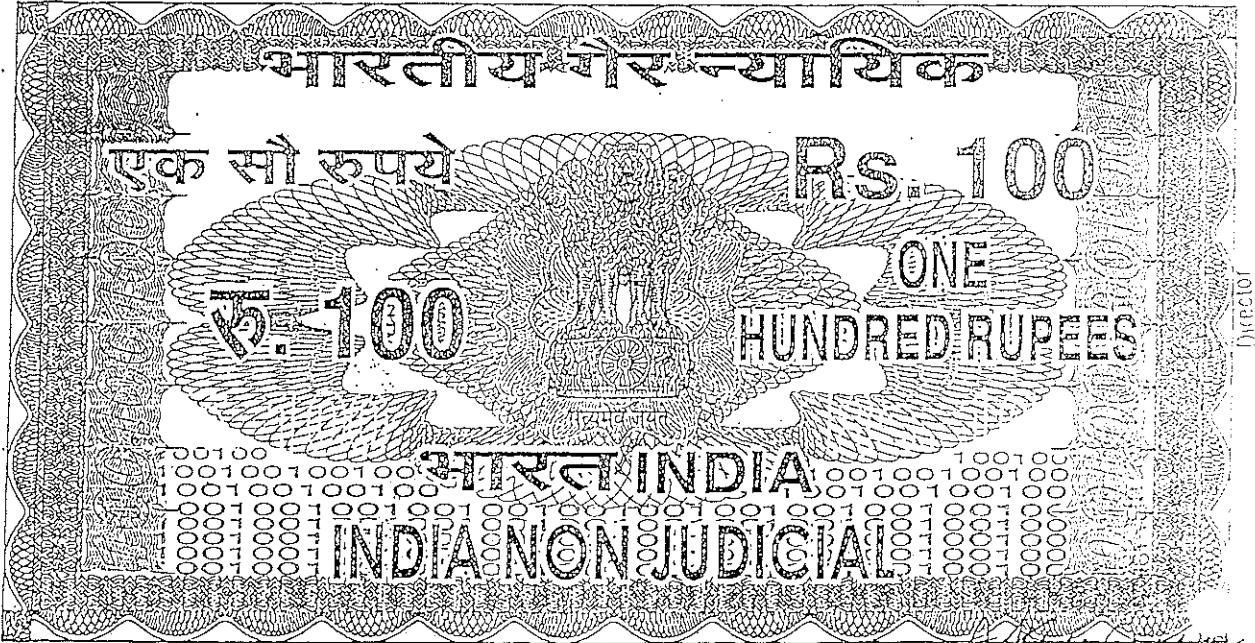
Dr. V. Bapeshwar Rao  
Sr. Vice President

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

Vice Chairman & Managing Director

000128

Annexure - 4



తెలంగాణ తెలంగాణ TELANGANA

*[Signature]*  
D 912099

SF. No: 828 Date: 08/01/2016.  
 Sold To : Karunakar  
 S/o : Late Ramulu R/o. Hyd.  
 To Whom : Axis Energy Ventures India Private Limited.

K. N. LAL BABU  
 Licenced Stamp Vendor  
 LICENCE NO. 16-07-086/2012,  
 R.L. NO. 16-07-002/2015.  
 H.No. 3-5-948/91/A, Himayath Nagar  
 HYDERABAD DISTRICT  
 PHONE NO. 09492424379

Suzlon Energy Ltd.

*[Signature]*  
Dr. V. Bapeshwar Rao  
Sr. Vice President

PROJECT IMPLEMENTATION AGREEMENT

THIS PROJECT IMPLEMENTATION AGREEMENT ("Agreement") is executed on the 11<sup>th</sup> day of the month of January, 2016 between:

THE GOVERNMENT OF ANDHRA PRADESH, represented by Secretary, Energy, Infrastructure and Investment Department & CRDA, Government of Andhra Pradesh, Secretariat, Hyderabad. (hereinafter referred to as "GoAP" or the "First Party" which expression shall include its successors);

AND

SUZLON ENERGY LIMITED, a company duly incorporated under the Companies Act 1956, having its registered office at 5 Shrimali Society, Near Shri Krishna Complex, Navrangpura, Ahmedabad - 380009, Gujarat, India and its Corporate Office at "One Earth" Building, Hadapsar, Pune-411028, Maharashtra, India represented by its authorised signatory Mr. Tulsi Tanti, Chairman and Managing Director, (hereinafter referred to as "Suzlon", which term shall mean and include its successors in interest, group companies, associates and assigns);

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.  
*[Signature]*

Vice Chairman & Managing Director

*[Signature]*  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
*[Signature]*  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
*[Signature]*  
Chairman & Managing Director

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reference provided that this Clause shall not operate so as to increase liability or obligations of any Party hereunder or pursuant hereto in any manner whatsoever.

- 1.8 Any agreement, consent, approval, authorization, notice, communication, information or report required under or pursuant to this Agreement from or report required under or pursuant to this Agreement from or by any party shall be valid and effectual only if it is in writing and under the hands of duly authorized representative of such party in this behalf and not otherwise.
- 1.9 Any reference to any period commencing "from" a specified day or date and "till" or "until" a specified day or date shall include both such days or dates.
- 1.10 The words / expressions used in this Agreement shall bear the same meaning as assigned to them in the context in which these have been used in this Agreement.

**2. DEFINITIONS**

2.1 In this Agreement, the various terms shall have the following meanings, except where the context otherwise requires, definitions and other terms expressed in the singular shall also include the plural and vice versa, namely:-

"Agreement" means this Agreement together with the Schedules attached herein and any amendments made thereto in accordance with the provisions herein contained.

"Applicable Permits" shall mean all clearances, permits, authorisations, consents and approvals required to be obtained or maintained under applicable laws in connection with the Renewable Energy Projects and/or the Manufacturing Facilities during the subsistence of this Agreement.

"Arbitration Act" means the Arbitration and Conciliation Act, 1996 and shall include modifications to or any re-enactment thereof as in force from time to time.

"Commercial Operation" shall mean the date when the Renewable Energy Projects or the Manufacturing Facilities, as the case may be, shall be commissioned as per the respective implementation plan agreed with GoAP.

"Dispute" shall have the meaning as specified in Clause 10.

"Effective Date" shall mean the date of signing of this Agreement.

"Force Majeure" shall have the meaning as ascribed thereto in Clause 8.


"GoAP" shall mean the state government of the Andhra Pradesh.


"GoI" shall mean Government of India.

"Individual Project" shall mean each renewable energy project set up as part of the Renewable Energy Projects based on allotment issued by NREDCAP.

"Interconnection Facilities" means all the equipment and facilities, including, but not limited to, all metering facilities, switchgear, substation facilities, transmission lines and

**AJAY JAIN, IAS.**  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500-022.

Suzlon Energy Ltd.  
  
Tulsir R Tantli  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
  
Chairman & Managing Director

For AXIS ENERGY VENTURES INDIA PVT. LTD.

Suzlon Energy Ltd.

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

  
Dr. V. Bapeshwar Rao  
Sr. Vice President

  
Vice Chairman & Managing Director

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Related infrastructure necessary to enable the evacuation of power from the inter connecting point of an Individual Project to the grid.

"Power Purchase Agreement" shall mean a contractual agreement to be signed with the Andhra Pradesh Power Distribution Companies or any other body for the sale of power generated from the Renewable Energy as may be approved by APERC from time to time.


"Parties" shall mean collectively GoAP and the Second Party.

"Site" means the land used for development of Renewable Energy Projects and the Manufacturing Facilities.

For AXIS ENERGY VENTURES INDIA PVT. LTD.

  
Director


<sup>1/16</sup>  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
  
Tulsi R Tanti  
Chairman & Managing Director


For Axis Energy Ventures India Private Ltd

Chairman & Managing Director

Suzlon Energy Ltd.

  
Dr. V. Babushwar Rao  
Sr. Vice President

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

  
Vice Chairman & Managing Dir

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CLAUSE 3

TERMS OF THE AGREEMENT

3.1 Effectiveness

This Agreement shall come into force from the Effective Date.

3.2 Term of the Agreement

This Agreement shall remain in force for a period of 7 (seven) years from the Effective Date to remain valid till December 31, 2022 ("Term") including period of construction / development and operation of the Renewable Energy Projects and the Manufacturing Facilities.

3.3 GoAP Support

GoAP agrees that the principal objective of this Agreement is support for timely completion of the Renewable Energy Projects and the Manufacturing Facilities. GoAP therefore agrees to provide the support to the Second Party as set out in this Agreement.

CLAUSE 4

EXECUTION OF RENEWABLE ENERGY PROJECTS

4.1 ASSURANCES OF GOAP

4.1.1 Grant of Consents and Approvals

In order to facilitate the construction and operation of the Renewable Energy Projects, GoAP agrees to extend the following benefits, either through single window clearance mechanism as per GOMs No. 15 Wind Power Policy 2015 or through priority allocation and shall:

- (i) Cause NREDCAP as per the prevailing policies to provide permissions to the Second Party for conducting Wind Resource Assessment studies at potential sites.
- (ii) Cause that NREDCAP as per the prevailing policies to allot capacities in National Wind Energy Institute (NWEI) NREDCAP notified sites and also in the potential sites identified by Second Party in the state of Andhra Pradesh in private, revenue and forest lands.
- (iii) Upon application by Second Party or any associate/subsidiary company of Second Party or vendors identified by the Second Party for executing the Renewable Energy Projects, any other person acting on their behalf, GoAP agrees, in compliance of with applicable laws, to grant such Applicable Permits or extensions and/or renewals as are required for or in connection with the Renewable Energy Projects, for the execution and development of the Renewable Energy Projects, to complete in a timely manner.

4.1.2 Allocation of Land

The availability of land being one of the paramount requirements, GoAP agrees to take the following actions in connection with the construction and operation of the Renewable Energy Projects:

AJAY JAIN, IAS,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
Tulsi R Taril  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
Chairman & Managing Director

For Axis Energy Ventures India Pvt. Ltd.

Suzlon Energy Ltd.

Dr. V. Bageshwar Rao  
Sr. Vice President

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

Vice Chairman & Managing Director

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- (i) subsequent to the allotment of capacities for the Renewable Energy Projects, wherever available provide to the Second Party or subsidiary company of the Second Party, revenue land owned by GoAP on long term lease basis as per the policy in force in this regard. The lease agreements should entitle the lessee to mortgage the lease hold rights on such land to the lenders / financiers of the Renewable Energy Projects, with prior consent of the GoAP / NREDCAP;
- (ii) To facilitate the Second Party by issue of necessary governmental orders / directions / notifications and taking all administrative actions in compliance of provisions of applicable law for the acquisition process of private land in favour of Second party or any associate/subsidiary company of Second Party, in the potential areas to be identified by Second Party in the districts of Ananthapuramu, Kadapa, Kurnool, Chittoor and Nellore or such other districts identified from time to time;
- (iii) To facilitate the capacities that have been identified in the endowment lands, GoAP will extend the necessary support to expedite the approvals from the concern authority as per the applicable rules and procedures.
- (iv) to facilitate the capacities that have been identified in the forest areas, GoAP will extend the necessary support to expedite the approvals and diversion of forest land at the State and Central level. The Compensatory Afforestation land required for such projects may be allotted from the land bank available with the GoAP by collecting the necessary fee/ charges as per applicable law.
- (v) to provide access to the Site for conducting wind resource assessment tests and any pre-feasibility tests in relation to the Renewable Energy Projects.

For AXIS ENERGY VENTURES INDIA PVT. LTD.

*[Signature]*

Director

Suzlon Energy Ltd.

*[Signature]*

Dr. V. Bapeshwar  
Sr. Vice President

4.1.3 Access Rights to Site

GoAP agrees to, on a continuous basis and within the time period decided by the Co-ordination Committee provide: (i) unhindered rights of access rights to the Site; and (ii) such other rights of access and, as may be required by the Second Party, in relation to construct, operate and maintain the Renewable Energy Projects. In case of any issues pertaining to such right of way, GoAP shall provide all administrative assistance to Second Party.

4.1.4 Approvals and Permits from Gram Panchayat and Local bodies

GoAP will facilitate the approvals and permits required from the village panchayats and the local bodies by payment of necessary Development Charges and Layout fee on a time bound basis.

4.1.5 Benefits under Renewable Energy Policies of Andhra Pradesh

In relation to the development of the Renewable Energy Projects, GoAP agrees to extend all benefits available under the Wind Power Policy 2015, Solar Power Policy, 2015 including but not limited to the following:

- (i) provide the Second Party or any associate/subsidiary of the Second Party/Suzlon/Axis identified by the Second Party incentives and exemptions and benefits under the Wind Power Policy 2015, Solar Power Policy, 2015;
- (ii) exemption of the Renewable Energy Projects from payment of electricity duty applicable toward sale of power to the power distribution companies of Andhra Pradesh;

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

*[Signature]*

Vice Chairman & Managing Director

*AJAY*  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
*[Signature]*  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
*[Signature]*  
Chairman & Managing Director

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- (iii) grant deemed IPP status to the Renewable Energy Projects;
- (iv) grant deemed industry status to the Renewable Energy Projects so that they are eligible for incentives made available to the industrial units under various schemes launched by the Industrial Department, GoAP from time to time;
- (v) grant must run status to the Renewable Energy Projects;
- (vi) In relation to the Site for development of the Renewable Energy Projects GoAP shall issue deemed non-agricultural use permission, subject to payment of applicable charges by the Second Party
- (vii) exemption for obtaining clearance from State Pollution Control Board;

For AXIS ENERGY VENTURES INDIA PVT. LTD.

4.1.6 Power Evacuation Infrastructure for Renewable Energy Projects

GoAP agrees to cause the APTRANSCO to evacuate power produced from the Renewable Energy Projects, on preferential basis. The power generated from the Renewable Energy Projects shall be provided adequate power evacuation facilities by the power transmission corporation for evacuation of power from the inter connecting point of Renewable Energy projects as per procedure in vogue and in compliance of APERC orders.

4.1.7 Execution of Power Purchase Agreement

GoAP agrees to cause the power distribution companies of Andhra Pradesh/ APPCC to execute firm Power Purchase Agreements in the format attached as Annexure 5 as may be approved by APERC and purchase the entire capacity of power generated from the Renewable Energy Projects at tariff determined by the Andhra Pradesh Electricity Regulatory Commission under Section 61 (h) of Electricity Act, 2003 and the terms of PPA approved by Commission from time to time.

4.2 COVENANTS OF THE SECOND PARTY

4.2.1 Commissioning of Renewable Energy Projects

The Second Party, agrees to achieve the implementation of the Renewable Energy Projects by March 31, 2022, as per the indicative schedule attached in Annexure 4.

4.2.2 In this regard the Parties agree to mutually discuss and arrive at implementation plans indicating the schedule of different activities to be performed by the development of the Renewable Energy Projects.

4.2.3 The Renewable Energy Projects shall require manpower during its construction and operation. Second Party agrees, subject to applicable laws, to provide employment and make necessary arrangements to provide employments to local residents and/or residents of the state of Andhra Pradesh based on the educational qualifications and technical skills.

4.2.4 Upon commissioning of each Individual Project, the Second Party agrees to make payments of any fee payable to NREDCAP, DISCOM, or any other government department as may be levied from time to time in relation to such Individual Project.

4.2.5 In relation to the development and construction of the Renewable Energy Projects, Second Party shall have the option to incorporate special purpose companies and GoAP agrees to

AJAY JAIN, IAS,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
Tulsi R. Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
Chairman & Managing Director

Suzlon Energy Ltd.

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

Dr. V. Bapeshwar Rao  
Sr. Vice President

Vice Chairman & Managing Director

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extend all the benefits available to Second Party, directly or indirectly, under this Agreement to such special purpose companies.

Second Party shall however be jointly and severally responsible to perform all the obligations stated in this Clause 4.2.

  
Director

CLAUSE 5

EXECUTION OF MANUFACTURING FACILITIES

5.1 OBLIGATIONS OF GoAP

5.1.1 Grant of Consents and Approvals

In order to facilitate the construction and operation of the Manufacturing Facilities upon application by Suzlon or any of its associate/subsidiary company or any other person acting on its behalf, GoAP agrees to ensure in a time bound manner and in compliance with applicable laws the issuance of such Applicable Permits or extensions and/or renewals as are required, either through single window clearance mechanism or through priority allocation.

5.1.2 Allocation of Land

In relation to the Site for the Manufacturing Facilities, GoAP agrees:

- (i) to allot to Suzlon or any of its associate/subsidiary company or any other person acting on its behalf, available revenue land owned by GoAP on long term lease basis as per Industrial Policy of 2015-2020 valid for a period of 99 (ninety nine) years, in accordance with applicable law. GoAP agrees and warrants, that it shall provide and handover physical, vacant, peaceful, obstacle free, unencumbered possession of the entire allotted land free from any and all liens. The lease agreements should entitle the lessee to mortgage the lease hold rights on such land to the lenders / financiers of the Manufacturing Facilities, with prior consent of the GoAP.
- (ii) extend all support and assistance and issue necessary governmental orders / directions / notifications and take all administrative actions facilitating the acquisition process especially in the potential areas to be identified by Suzlon, where private land is to be acquired by Suzlon or any of its associate/subsidiary company or any other person acting on its behalf.
- (iii) in case the allotted land involves forest land, by expediting the process at GoAP level and also facilitate on a best efforts basis those required at GoI level.

5.1.3 Access Rights to Site

GoAP agrees to, on a continuous basis and within time periods decided by the Coordination Committee provide; (i) unhindered rights of access to the Site; and (ii) such other rights of access and, as may be required by Suzlon or any of its Contractors or sub-contractors, in relation to construction and operation of the Manufacturing Facilities. In case of any issues pertaining to such right of way, GoAP shall provide all administrative assistance to Suzlon.

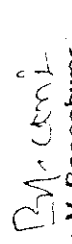
5.1.4 Benefits under the Andhra Pradesh Industrial Policy of 2015-2020

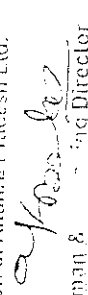
GoAP agrees to accord mega industry status to the Manufacturing Facilities as per the policies in force. GoAP in accordance with the Andhra Pradesh Industrial Policy of 2015-


For AXIS ENERGY VENTURES INDIA PVT. LTD.

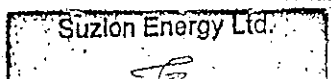

Suzlon Energy Ltd.

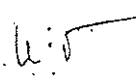
For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

  
Dr. V. Bapeshwar  
Sr. Vice President

  
Vice Chairman & Managing Director

  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

  
Suzlon Energy Ltd.  
  
Tulsil R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
  
Chairman & Managing Director



2020 also to consider to extend to Suzlon or any of its associate/subsidiary company or any other person acting on its behalf, tailor-made benefits on case to case basis including but not limited to peripheral infrastructure, electricity supply and fiscal incentives to enable the time bound construction and operation of the Manufacturing Facilities.

**5.2 OBLIGATIONS OF SUZLON**

**5.2.1 Commissioning of the projects**

Suzlon agrees to set up the Manufacturing Facilities. Suzlon shall also establish a skill development centre and a Suzlon Chair of such skill development centre in the Energy University proposed to be set up in in Andhra Pradesh.

**5.2.2** In this regard the Parties agree to mutually discuss and arrive at implementation plans indicating the schedule of different activities to be performed by the development of the Manufacturing Facilities.

**5.2.3** The Manufacturing Facilities shall require manpower during its construction and operation, Suzlon agrees, subject to applicable laws, to provide employment and make necessary arrangements to provide employments to local residents and/or residents of the state of Andhra Pradesh based on the educational qualifications and technical skills.

**5.2.4** For the development and construction of the Manufacturing Facilities, Suzlon shall have the option to incorporate special purpose companies and GoAP agrees to extend all the benefits available to Suzlon under this Agreement to such special purpose companies.

**AJAY JAIN, IAS.**  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

**Suzlon Energy Ltd.** for Axis Energy Ventures India Private Limited  
**Tulsi R. Tanti**  
Chairman & Managing Director

Suzlon Energy Ltd. For Axis Energy Ventures India PVT. LTD.

**Dr. V. Bapeshwar Rao**  
Sr. Vice President

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

Vice Chairman & Managing Director

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CLAUSE 6

SPECIAL PROVISIONS

- 6.1 GoAP shall use its best efforts to facilitate that the incentives and exemptions declared by GoAP and/or GoI from time to time after the Effective Date, whether in relation to promoting the renewable energy sector in India or on account of special assistance to industries being set up in the state of Andhra Pradesh for manufacture of renewable energy equipment and are made available to the Renewable Energy Projects and the Manufacturing Facilities, as the case may be.
- 6.2 GoAP agrees to take all steps to ensure that no action or combination of actions are taken the effect of which is or are discriminatory and which treats the Second Party less favorably than any other developer of renewable energy projects in the state of Andhra Pradesh or treats the Renewable Energy Projects or the Manufacturing Facilities less favorably than any projects of similar nature and size which may be developed from time to time in the state of Andhra Pradesh.
- 6.3 Constitution of Coordination Committee
  - 6.3.1 GoAP agrees to constitute and set-up a coordination committee ("Coordination Committee") for ensuring smooth and efficient execution of the Renewable Energy Projects and the Manufacturing Facilities. The Coordination Committee shall comprise of the following:
    - (i) the Secretary, Energy Department, GoAP
    - (ii) the Secretary to CM, GoAP (Energy)
    - (iii) the Secretary, Industries Department, GoAP
    - (iv) the Managing Director, APTRANSCO
    - (v) the Vice Chairman and Managing Director, NREDCAP
    - (vi) the representatives of Suzlon and Axis
    - (vii) As and when required from any of other Department of GoAP/District Administration

The Coordination Committee may form such committees as may be required for resolution of specific issues arising in the execution of the Renewable Energy Projects and the Manufacturing Facilities.

- 6.3.2 The Coordination Committee shall, unless otherwise agreed between the Parties, initially hold meetings once in every month.
- 6.4 Assistance to procure construction material
 

GoAP agrees to on best efforts basis provide the following assistance to the Second Party in procuring construction material required for the setting up of the Renewable Energy Projects and the Manufacturing Facilities:

  - (i) priority allotment of licenses for carrying out quarry activities and sand mining along with waiver in terms of respective policy in force from ceiling limits provided in the licenses being generally issued, so that it is able to obtain adequate quantity of construction material required for the renewable energy projects and manufacturing; or
  - (ii) assistance for procuring preferential supply of aggregates/cements/sand etc. from respective manufacturers and/or suppliers on priority basis.

*AJ*  
**AJAY JAIN, IAS.,**  
 Secretary to Government  
 Energy, Infrastructure & Investment Dept.  
 A.P. Secretariat, Hyderabad - 500 022.

**Suzlon Energy Ltd.**  
*T*  
**Tulsi R Tanil**  
 Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
*u*  
**Chairman & Managing Director**

For Axis Energy Ventures India Pvt. Ltd. *[Signature]* Director  
 Suzlon Energy Ltd. *[Signature]* Sr. Vice President  
 For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd. *[Signature]* Vice Chairman & Managing Director

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6.5. Upon signing of definitive agreement by NREDCAP for renewable energy projects as Single Window Clearing Agency, Suzlon shall furnish to GoAP or such governmental instrumentality of GoAP, performance guarantees for the entire capacity of the Renewable Energy Projects aggregating to Rs. 200 crores, calculated at the rate of Rs. 5 Lakhs per MW and which shall be enforceable against the defaulting parties as per applicable laws. GoAP agrees that upon the commissioning of each Individual Project, performance guarantee submitted by Suzlon in relation to such Individual Project shall be returned to Suzlon forthwith and in any event not later than 5 (five) days from the date of commissioning of such Individual Project.

6.6. In order to enable the due performance of the duties, obligations and objectives of the Parties under this Agreement, GoAP agrees to cause the execution of enforceable and binding agreements with each of the relevant departments, corporations, companies of GoAP as may be required in relation to the execution of the Renewable Energy Projects and/or the Manufacturing Facilities, from time to time under applicable laws or any policies of such departments, corporations, companies of GoAP.

CLAUSE 7

REPRESENTATIONS AND WARRANTIES

- 7.1 Each Party represents and warrants to the other Party that:
  - 7.1.1 It has full power and authority to execute, deliver and perform this Agreement;
  - 7.1.2 It has taken all necessary action to authorise the execution, delivery and performance of this Agreement;
  - 7.1.3 The execution of this Agreement and performance hereunder shall constitute a binding on both the parties.

CLAUSE 8

FORCE MAJEURE

- 8.1 Force Majeure shall mean any event or circumstance or combination of events or circumstances that wholly or partly prevent or unavoidably delay the Party claiming Force Majeure (hereinafter referred to as the "Affected Party") in the performance of its obligations under this Agreement and which act or event:
  - 8.1.1 is beyond the reasonable control of and not arising out of the fault of the Affected Party;
  - 8.1.2 the Affected Party has been unable to prevent by the exercise of due diligence and reasonable efforts, skill and care, including through expenditure of reasonable sums of money; and
  - 8.1.3 has a materially adverse effect on the Renewable Energy Projects or the Manufacturing Facilities.

Such events include any acts of GoAP either in its sovereign or its contractual capacity, war, civil war, insurrection, riots, revolutions, fires, floods, epidemics, quarantine restrictions, freight embargoes, radioactivity and earthquakes.

8.2. Upon the occurrence of any Force Majeure Event:

AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
Chairman & Managing Director

For Axis Energy Ventures India Pvt. Ltd.

Suzlon Energy Ltd.

Dr. V. Bapeshwar Rao  
Sr. Vice-President

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

Vice Chairman & Managing Director

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- 8.2.1 The date for achieving the specific obligations shall be extended by the period for which such Force Majeure event subsists and the Term shall be proportionately extended; and
- 8.2.2 The Parties shall bear their respective costs and no Party shall be required to pay to the other Party any costs arising out of any Force Majeure Event.

*[Signature]*  
Director

For AXIS ENERGY VENTURES INDIA PVT. LTD.

**CLAUSE 9**

**GOVERNING LAW**

- 9.1 The rights and obligations of the Parties under or pursuant to this Agreement shall be governed by and constructed according to applicable law. This Agreement shall be subject to the jurisdiction of the competent courts at capital city of Andhra Pradesh.

**CLAUSE 10**

**RESOLUTION OF DISPUTES**

- 10.1 Good Faith Negotiations

All disputes, disagreement or difference between the Parties (each a "Dispute"), arising out of or in relation to the construction or operation of the Renewable Energy Projects or the Manufacturing Facilities, shall be resolved through the following dispute resolution procedure:

- 10.1.1 Either Party shall give to the other a written notice setting out the material particulars of Disputes and requiring an authorized Senior Executive Officer each from the GoAP and the Second Party, to meet in person at the capital city of Andhra Pradesh or at any other mutually agreed place within 20 (twenty) working days of the date of receipt of such notice by the relevant party to attempt negotiation in good faith and using their best endeavours at all times to resolve the Disputes.
- 10.1.2 If the Dispute is not resolved as evidenced by the terms of the settlement being reduced to writing and signed by the Senior Executive Officers of both the Parties within 30 (thirty) working days after the date of receipt of the Notice described in Clause 10.1.1.
- 10.1.3 If the Dispute is not resolved at the meeting of the Senior Executive Officers of both the Parties, the Secretary, Energy Department, GoAP and the Chairman of Suzlon and/or Axis shall meet at the capital city of Andhra Pradesh or any other mutually agreed place within 30 (thirty) working days after the expiry of the period as mentioned in Clause 10.1.2, to attempt negotiations in good faith and using their best endeavours at all times to resolve the dispute within a further period of 30 (thirty) days and if the Dispute is still not resolved as evidenced by the terms of the settlement being reduced to writing and signed by the authorised representatives of both the Parties, the provisions of the Clause 10.2 shall apply, unless the said period is mutually extended.

Suzlon Energy Ltd.

*[Signature]*  
Dr. V. Bapeshwar Rao  
Sr. Vice President

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

*[Signature]*  
Vice Chairman & Managing Director

- 10.2 All Disputes not resolved between the Parties in accordance with Clause 10.1, shall be settled by way of arbitration in accordance with the provision of Arbitration and Conciliation Act, 1996 including any statutory modification or variation thereof, by reference to an arbitrator

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Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
*[Signature]*  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
*[Signature]*  
Chairman & Managing Director

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panel of 3 (three) arbitrators, one to be appointed by the Second Party, one to be appointed by GOAP and the third to be appointed by the two arbitrators so appointed, who shall act as Chairperson of the Arbitral Tribunal. All expenses of such third arbitrator shall be borne and paid by the parties in equal proportion. The arbitrators shall give a speaking Award.

- 10.3 The Award rendered in any arbitration commenced hereunder shall be final and binding.
- 10.4 During the pendency of any Arbitration the Parties shall continue to perform their respective obligations as detailed in this Agreement unless such performance cannot be reasonably continued.
- 10.5 The arbitration proceedings shall take place at capital city of Andhra Pradesh only and the Courts of the state of Andhra Pradesh alone have jurisdiction to this purpose.
- 10.6 The right to arbitrate disputes under this Agreement shall survive the expiry of term or the Termination of this Agreement.

For AXIS ENERGY VENTURES INDIA PVT. LTD.

**CLAUSE 11  
AMENDMENTS**

- 11.1 No amendments or waiver of any provision of this Agreement and no consent to any departure by either party here from, shall in any event be effective unless the same shall be in writing and signed by each of the Parties.

**CLAUSE 12  
COMMUNICATION**

- 12.1 Any communication/notice by one Party to the other under this Agreement shall be deemed to be served if sent by cable, fax or E-mail followed by a confirmation letter delivered by hand or by registered mail to the respective addresses.
- 12.2 Communication should be addressed as below:

The Secretary, Energy, Infrastructure & Investment, CRDA,  
Government of Andhra Pradesh,  
Secretariat, Hyderabad 500 022  
Tel No.: +91 040 23453304  
Fax No.: +91 040 23451678  
Email id: secyenergyap@gmail.com

The Chairman and Managing Director,  
Suzlon Energy Limited,  
One Earth Building, Hadapsar,  
Pune-411028, Maharashtra, India  
Tel. No.: +91-20-67022000/61356135/67202500  
Fax No.: +91-20-67022100/67022200  
Email id: cmd@suzlon.com

The Chairman and Managing Director,  
Axis Energy Ventures India Private Limited,  
2nd Floor, Plot no. 3, House No. 6-3-680/8/3, PMR Plaza,  
Thakur Mansion Lane, Somajiguda, Hyderabad - 500 082  
Tel No.: +91 040 23412312/23412313  
Fax No.: +91 040 23412314  
Email id: ravi@axisenergy.in

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Chairman & Managing Director

Suzlon Energy Ltd.

Dr. V. Bapeshwar Rao  
Sr. Vice President

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

Vice Chairman & Managing Director

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CLAUSE 13  
MISCELLANEOUS

13.1 Relationship of the Parties

This agreement shall not be interpreted or construed or create an association, joint venture or partnership between the parties or to impose any partnership obligation or right upon either Party. Neither Party shall have any right, power or authority to enter into any agreement or undertaking for, or act on behalf of, or to act as or be an agent or representative of, or to otherwise bind, the other party.

13.2 Third Parties

This agreement is intended solely for the benefit of the parties hereto. Nothing in this agreement shall be construed to create any duty, to standard of care with reference to, or any liability to, any person not a party to this Agreement.

13.3 No Waiver

13.3.1 No waiver by either Party of any default by other Party in the observance and performance of any provision of or obligations of or under the agreement, (i) shall operate or be construed as a waiver of any other or subsequent default hereof or of other provisions of or obligations under the agreement; (ii) shall be effective unless it is in writing and executed by a duly authorized representative of the Party; and (iii) shall affect the validity or enforceability of the agreement in any manner.

13.3.2 Neither the failure by either party to insist on any occasion upon the performance of the terms, conditions and provisions of the Agreement or any obligation there under nor time or other indulgence granted by a Party to the other Party shall be treated or deemed as waiver of such breach or acceptance of any variation or the relinquishment of any such right hereunder.

13.4 Exclusion of Implied Warranties

This Agreement expressly excludes any warranty, condition or other undertaking implied at law or by custom or otherwise arising out of any other agreement between the Parties or representation by either Party not contained in a binding legal agreement executed by both Parties.

13.5 Counterparts

This Agreement may be executed in two counterparts, each of which when executed and delivered shall constitute an original of the agreement.

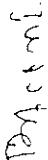
13.6 Severability

If for any reason whatever any provision of this Agreement is or becomes invalid, illegal or unenforceable or is declared by any court of competent jurisdiction or any other instrumentality to be invalid, illegal or unenforceable, the validity, legality or enforceability of the remaining provisions shall not be affected in any manner, and the Parties will negotiate in good faith with a view to agreeing one or more provisions which may be substituted for such invalid, unenforceable or illegal provisions, as nearly as is practicable to such invalid, illegal or unenforceable provision. Failure to agree upon any such provisions shall not be subject to dispute resolution under the Agreement or otherwise.

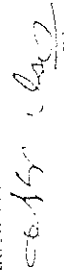
For AXIS ENERGY VENTURES INDIA PVT. LTD.

  
Director


Suzlon Energy Ltd.

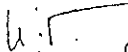
  
Dr. V. Bapeshwar  
Sr. Vice President

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

  
Vice Chairman & Managing Director

<sup>Asst</sup>  
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Secretary to Government  
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A.P. Secretariat, Hyderabad - 500 022.

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Tulsir R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
  
Chairman & Managing Director



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ANNEXURE 5

Format of Power Purchase Agreement approved by APERC

POWER PURCHASE AGREEMENT

BETWEEN

[Name of the Discom to be inserted]

AND

[Name of the Project Company]

This Power Purchase Agreement (the "Agreement") entered into this \_\_\_\_ day of \_\_\_\_ 2015 between

[Name of the Discom to be inserted] (DISCOM), incorporated by the Government of Andhra Pradesh in accordance with the Andhra Pradesh Electricity Reform Act 1998 (Act No.30 of 1998), under the provisions of Companies Act, 1956, having its office at [to be inserted], India, hereinafter referred to as the "DISCOM" (which expression shall, unless repugnant to the context or meaning thereof, include its successors and assigns) as first party,

and

M/s. [Name of the Project Company], a company incorporated under the Companies Act, [1956/2013], having registered office at [to be inserted], hereinafter referred to as the "Wind Power Producer" (which expression shall, unless repugnant to the con-text or meaning thereof, include its successors and assigns) as second party.

WHEREAS, the Wind Power Producer is setting up the New and Renewable Energy Project i.e., the [•] MW capacity Wind power project at [•] Village, [•] Mandal, [•] site, [•] District, Andhra Pradesh (hereafter called the Project) with a proposal of [•] MW as detailed in Schedule 1 attached herewith, and New and Renewable Energy Development Corporation of Andhra Pradesh Limited hereafter referred to as M/s NREDCAP has accorded approval to the said project in their proceedings No. NREDCAP/WE/6737/2015, Dated 07.04.2015 and the Wind Power Producer has entered into an Agreement with NREDCAP on 07-04-2015 and the copies whereof are attached herewith as Schedule-2 and-Schedule 3 respectively.

WHEREAS, it has been agreed that the Project will be designed, engineered and constructed and operated by or on behalf of the Wind Power Producer or its successors with reasonable diligence subject to all applicable Indian laws, rules, regulations and orders having the force of law;

Whereas, the proposed Project is being setup at [•] (V), [•] (M), [•] Site, [•] District, and will be connected to the designated sub-station i.e., APTRANSCO [220/33KV] [•] sub-station at [•]KV voltage level for power evacuation from wind power projects by erecting an exclusive [•]KV group feeder. The Project will share a common metering on the above feeder at the designated sub-station. The Project will also have a separate metering at Project's switchyard.

The terms and conditions of the Agreement are subject to the provisions of the Electricity Act, 2003 (36 of 2003) and the amendments made to the act from time to time, and also subject to regulation by the Andhra Pradesh Electricity Regulatory Commission.

<sup>Asst</sup>  
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Director

Suzlon Energy Ltd.

Dr. V. Bapeshwar Rao  
Sr. Vice President

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Vice Chairman & Managing Director



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NOW THEREFORE, in consideration of the foregoing premises and their mutual covenants herein, and for other valuable consideration, the receipt and sufficiency of which are acknowledged, the parties hereto, intending to be legally bound hereby agree as follows:

ARTICLE I

DEFINITIONS

As used in this Agreement, the following terms shall have the meanings set forth herein below. Defined terms of singular number shall include the plural and vice-versa.

1.1 **APTRANSCO:** Transmission Corporation of Andhra Pradesh Limited, incorporated by the Government of Andhra Pradesh.

1.2 **Billing Date:** means the fifth (5th) day after the Meter Reading Date.

1.3 **Billing Month:** means the period commencing from 25th of the calendar month and ending on the 24th of the next calendar month.

1.4 **Commercial Operation Date (COD):** means, with respect to each Generating unit, the date on which such Generating unit is declared by the Wind Power Producer to be operational, provided that the Wind Power Producer shall not declare a Generating unit to be operational until such Generating unit has completed its performance acceptance test as per standards prescribed.

**Explanation:** In respect of Non-conventional based power projects the date of synchronisation of the first unit of the project will be treated as the Commercial Operation Date of the project.

1.5 **Delivered Energy:** means, with respect to any Billing Month, the kilo watt hours (kWh) of electrical energy generated by the Project and delivered to the DISCOM at the Interconnection Point as defined in Article 1.10, as measured by the common energy meter at the Interconnection Point during that Billing Month. As indicated in the preamble, the delivered energy recorded by the common meter shall be sum of energy delivered by all Wind power projects connected to the designated sub-station, i.e., APTRANSCO 220/33KV [ ] sub-station.

**Explanation 1:** For the purpose of clarification, Delivered Energy, excludes all energy consumed in the Project, by the main plant and equipment, lighting and other loads of the Project from the energy generated and as recorded by energy meter at Interconnection Point.

**Explanation 2:** The delivered energy in a Billing Month shall be limited to the energy calculated based on the Capacity agreed for export to network for sale to DISCOM as mentioned in Preamble and Schedule - 1, multiplied with number of hours and fraction thereof the project is in operation during that billing month. In case any excess energy is delivered no payment shall be made for the same.

**Explanation 3:** The Delivered Energy will be equal to energy recorded by the individual meter at Project's switchyard minus apportioned line losses from Project's switchyard to meter at 220/33KV [ ] Sub-station and shall be calculated as per the formula mentioned below:

$$\text{Delivered Energy} = X1 - (X1 \times Z \%)$$

Where

X1 is the reading of the energy meter installed at the Project's switchyard.

Z% is the line loss incurred in the transmission line between the Project and the interconnected Substation and shall be:

$$Z = \frac{(X1 + X2 + X3 + X4 + \dots) - Y}{(X1 + X2 + X3 + X4 + \dots)} \times 100$$

Where

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Vice Chairman & Managing Director

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Y is the reading of the common energy meter installed on the 33KV side of the interconnected Substation, X1, X2, X3, X4 etc. are the readings of the energy meters installed at the various individual Wind power projects being developed/proposed to be set up in the area and connected to the designated sub-station, i.e., APTRANSCO 220/33KV [\*] sub-station.

1.6 Due Date of Payment: means the date on which the amount payable by the DISCOM to the Wind Power Producer hereunder for Delivered Energy, if any, supplied during a Billing Month becomes due for payment, which date shall be thirty (30)-days from the Meter Reading Date provided the bill is received by DISCOM within 5 days from Meter Reading Date, and in the case of any supplemental or other bill or claim, if any, the due date of payment shall be thirty (30) days from the date of the presentation of such bill or claim to the designated officer of the DISCOM.

1.7 Financial Year: shall mean, with respect to the initial Fiscal Year, the period beginning on the Commercial Operation Date and ending at 12.00 midnight on the following March 31. Each successive Financial Year shall begin on April 1 and end on the following March 31, except that the final Fiscal Year shall end on the date of expiry of the Term or on termination of this Agreement, whichever is earlier.

1.8 Installed Capacity: means the total rated capacity in MW of all the Wind Energy Generators installed by the Wind Power Producer.

1.9 Interconnection Facilities: means all the equipment and facilities, including, but not limited to, all metering facilities, switchgear, substation facilities, transmission lines and related infrastructure, to be installed at the voltage specified in Article 1.20 at the Wind Power Producer's expense from time to time throughout the term of this Agreement, necessary to enable the DISCOM to economically, reliably and safely receive Delivered Energy from the Project in accordance with the terms of this Agreement. As indicated in the preamble, the interconnection facilities beyond Project's switchyard shall be common for Wind Power Producer and other Wind power projects connected to the designated sub-station. i.e., APTRANSCO 220/33KV [\*] sub-station.

1.10 Interconnection Point: means the point or points where the Project and the DISCOM (APSPDCL)/APTRANSCO grid system are interconnected. For this project, interconnection point is at the designated sub-station i.e., 220/33KV [\*] sub-station. The metering for the project will be provided at the interconnection point as per Article 4.1. As indicated in the preamble of this Agreement, interconnection point for this project is common with other wind power projects connected to the designated sub-station: i.e., APTRANSCO 220/33KV Ramagiri sub-station.

1.11 Meter Reading Date: means mid-day (i.e., noon) of the 24th (twenty-fourth) day of each calendar month, at the Interconnection Point.

1.12 Metering Point: means points where metering shall be provided for Project and shall be as follows:

- (i) Common meter provided at the Interconnection Point for purposes of recording of Delivered Energy of the Project;
- (ii) Individual meter provided at Project's switchyard;
- (iii) Metering point shall include two separate sets of [0.2 /0.2S] class accuracy electronic tri-vector meters as specified in Article 4.1, main meter installed by the Wind Power Producer and the check meter installed by the DISCOM and both sealed by the DISCOM, having facilities to record both export and import of electricity to / from the grid.

1.13 Project: means the [\*] MW capacity Wind Power Project at [\*] Village, [\*] (M), [\*] District, Andhra Pradesh for construction and operation as detailed in Agreement entered into with NREDCAP as shown in Schedule 3 attached herewith and includes the metering system.

1.14 Prudent Utility Practices: means those practices, methods, techniques and standards, that are generally accepted for use in electric utility industries taking into account conditions in India and

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Chairman & Managing Director

For AXIS ENERGY VENTURES INDIA PVT. LTD.  
Director

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Dr. V. Bapeshwar Rao  
Sr. Vice President

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.  
Vice Chairman & Managing Director

commonly used in prudent electric utility engineering and operations to design, engineer, construct, test, operate and maintain equipment lawfully, safely, efficiently and economically as applicable to power stations of the size, service and type of the Project, and that generally conform to the manufacturers' operation and maintenance guidelines.

1.15 Designated Sub-station: means 220/33 KV 1 $\phi$  Sub-station of APTRANSCO/APSPDCL (DISCOM).

1.16 SLDC: means the State Load Dispatch Center as notified by the State Government under the provisions of the Electricity Act 2003.

1.17 System Emergency: means a condition affecting the APTRANSCO's/ DISCOM's electrical network which threatens the safe and reliable operation of such system or which is likely to result in the disruption of safe, adequate and continuous electric supply by the APTRANSCO/DISCOM, or which endangers life or property, which condition is affected or aggravated by the continued delivery of Delivered Energy from the Project.

1.18 Surcharge on Reactive Power drawn by Wind Farms: means the charges leviable on the reactive power drawn by Wind Farms at the rate of 25 paise (twenty five paise) per KVARh of reactive energy drawn from grid upto 10% of net active energy generated and 50 paise per KVARh for total drawl if reactive energy drawn is more than 10% of net active energy generated. The above mentioned rates are subject to revision as per APERC orders from time to time. The reactive power drawn as recorded by meters at interconnection point includes the reactive power drawn by all the Wind Power Producers in the cluster. As such the reactive power recorded by the meters at the interconnection point shall be shared by all the individual power producers in the ratio of the active energy delivered by them individually.

Explanation 1: Induction generators used in Wind Farms draw reactive power from grid during generator mode and motor mode.

Explanation 2: Surcharge on reactive power drawn by Wind Farms will be levied on the Wind Power Producer.

1.19 Unit: When used in relation to the generating equipment, means one set of turbine generator and auxiliary equipment, and facilities forming part of the project and when used in relation to electrical energy, means kilo watt hour (kWh).

1.20 Voltage of Delivery: means the voltage at which the electrical energy generated by the project is required to be delivered to the APTRANSCO at the Interconnection Point and the Voltage of Delivery is as detailed below:

TABLE - A

At 33 KV level:

Project interfacing		Specified type of AAAC Conductor (size)	Proposed Wind power capacity on each 33 KV line
From	To		
Wind project	Existing 33/11 KV DISCOM SS		
Wind project	EHT Pooling SS or existing EHT APTRANSCO SS		

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This Project will generate electrical energy at [•] Volts, which will be stepped up to 33 KV at Project's switchyard and interconnected to the designated sub-station i.e., 220/33KV [•] sub-station of APTRANSCO at 33.KV Voltage for power delivered to the grid.

1.21 All other words and expressions, used herein and not defined herein but defined in Indian Electricity Rules 1956, AP Electricity Reform Act, 1998 and the Electricity Act, 2003 shall have the meanings respectively assigned to them in the said Acts.

## ARTICLE 2

### PURCHASE OF DELIVERED ENERGY AND TARIFF

2.1 All the Delivered Energy at the interconnection point for sale to DISCOM will be purchased at the tariff provided for in Article 2.2 from and after the date of Commercial Operation of the Project. Title to Delivered Energy purchased shall pass from the Wind Power Producer to the DISCOM at the Interconnection Point.

2.2 The Wind Power Producer shall be paid tariff for energy delivered at the interconnection point for sale to DISCOM, which shall be firm at Rs. [•] per unit for a period of [•] years from the Commercial Operation Date (COD) as per APERC order No [•] dated [•].

2.3 The tariff is inclusive of all taxes, duties and levies.

2.4 All future increase in Taxes, Duties and Levies on Energy generated is to be borne by the Wind Power Producer.

2.5 Where in any Billing month, the energy supplied by the DISCOM to the Wind Power Producer as a bilateral arrangement to maintain the Auxiliaries in the power plant in situations of non-generation of power, shall be billed by the DISCOM, and the Wind Power Producer shall pay the DISCOM for such electricity supplies, at the DISCOM's then-effective tariff applicable to High Tension Category-I Consumers. For this purpose, the maximum demand specified in such DISCOM's Tariff shall be computed by dividing the amount of such energy supplied by the DISCOM by hours of drawl of power from the grid in the Month.

Explanation: The Wind plants during the plant shut down periods shall draw the energy from DISCOM only for the essential loads not exceeding auxiliary consumption

## ARTICLE 3

### INTERCONNECTION FACILITIES

3.1 Upon receipt of a requisition from the Wind Power Producer, the APTRANSCO and DISCOM will prepare an estimate for arranging interconnection facilities for power evacuation at the voltage level as per Article 1.20. The APTRANSCO and DISCOM shall evaluate, design, and install the Interconnection Facilities and perform all work, at the Wind Power Producer's expense, necessary to economically, reliably and safely connect the grid system to the Project switch yard.

3.2 APTRANSCO and DISCOM may also permit the Wind Power Producer to execute the interconnection facilities for power evacuation as per the sanctioned estimate at its discretion duly collecting the supervision charges as per procedure in vogue.

3.3 The Wind Power Producer shall own, operate and maintain interconnection facilities from Project to designated sub-station from time to time and necessary expenditure shall have to be borne by the

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S- Vice President

Chairman & Managing Director

Director

Wind Power Producer. The maintenance work on the Generating units has to be done in coordination with the APTRANSCO and DISCOM.

3.4 The Wind Power Producer shall agree to pay to the DISCOM, on or before signing of this Agreement, at the rate of Rs. [-] per MW of Installed Capacity and for fractions thereof on a pro-rata basis as a one-time lump sum payment for the sole purpose of providing the required MVAR capacity at the Substation of the APTRANSCO/DISCOM to which the Project is interconnected to supply the requisite reactive power to the Grid System. APTRANSCO/DISCOM shall install the capacitors of required capacity, at the substation of the APTRANSCO and DISCOM to which the project is interconnected before commercial operation date of the project.

In case the APTRANSCO/DISCOM fails to install the capacitors of requisite capacity before the commercial operation date, the amount collected for this purpose shall be refunded by the DISCOM to the Wind Power Producer who has paid the amount, within 30 days from the date of commercial operation of the project.

3.5 Any modifications or procedures or changes in arranging interconnection facilities for power evacuations rest with APTRANSCO and DISCOM.

3.6 During the period prior to the Commercial Operation Date, on the request of the Wind Power Producer, the DISCOM will supply energy to the Project for internal consumption, on the Terms and Conditions and at the tariff rates that are applicable from time to time to the category of consumers of the DISCOM to which the Wind Power Producer belongs, provided separate metering arrangements as may be required under the Terms and Conditions of such tariff have been installed at the Project.

#### ARTICLE 4

#### METERING AND PROTECTION

4.1 The Wind Power Producer shall install main meters of Static type 0.2 / 0.2S class accuracy at the Metering Point and the DISCOM shall install check meters of Static type at the same point and of the same accuracy. The main meters and check meters will each consist of a pair of export and import meters with facility for recording meter readings using Meter Recording Instrument. For the purpose of uniformity the Wind Power Producer shall follow metering specifications as developed by the DISCOM from time to time.

4.2 All of the meters required to be installed pursuant to Article 4.1 above shall be jointly inspected and sealed on behalf of both parties and shall not be interfered with, tested or checked except in the presence of representatives of both parties.

4.3 The meter readings from the main meters will form the basis of billing. If any of the meters required to be installed pursuant to Article 4.1 above are found to be registering inaccurately the affected meter will be immediately be replaced.

4.4 Where the half yearly meter check indicates an error in one of the main meter/meters beyond the limits for such meter but no such error is indicated in the corresponding check meter/meters, billing for the month will be done on the basis of the reading on the check meter/meters and the main meter will be replaced immediately.

4.5 If during the half yearly test checks, both the main meters and the corresponding check meters are found to be beyond permissible limits of error, both the meters shall be immediately replaced and the correction applied to the consumption registered by the main meter to arrive at the correct delivered energy for billing purposes for the period of the one month up to the time of such test check.

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Vice-Chairman & Managing Director

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computation of delivered energy for the period thereafter till the next monthly meter reading shall be as per the replaced main meter.

4.6 Corrections in delivered energy billing, whenever necessary, shall be applicable to the period between the previous monthly meter reading and the date and time of the test calibration in the current month when the error is observed and this correction shall be for the full value of the absolute error. For the purpose of determining the correction to be applied to any meter registering inaccurately, the meter shall be tested under conditions simulating 100, 50, 20 and 10 percent load at unity power factor and 0.5 power factor. Of these eight values, the error at the load and power factor nearest the average monthly load served at the Interconnection Point during the applicable period shall be taken as the error to be applied for correction.

4.7 If both the main and check meters fail to record or if any of the PT fuses are blown out, then the energy will be computed on a mutually agreeable basis for that period of defect.

4.8 The main and check meters shall be tested and calibrated once in a Financial year utilizing a Standard Meter. The Standard Meter shall be calibrated once in every year at the approved Laboratory by Government of India / Government of Andhra Pradesh, as per Terms and Conditions of supply.

4.9 All main and check meters tests shall be jointly conducted by the authorized representatives of both parties and the results and correction so arrived at mutually will be applicable and binding on both the parties.

4.10 On the Meter Reading Date of each month, meter readings shall be taken (and an acknowledgement thereof signed) by the authorized representatives of both parties.

4.11 Within six (6) months following the execution of this Agreement, the Wind Power Producer and the DISCOM shall mutually agree to technical and performance specifications (including, but not limited to, the metering configuration for the Project) concerning the design and operation of the facilities required to be installed by the Wind Power Producer in order for the Wind Power Producer to operate in parallel with the grid. Thereafter, any change in such specifications shall be subject to mutual agreement of the parties.

4.12 The Project shall be operated and maintained in accordance with good and generally accepted utility standards with respect to synchronizing, voltage, frequency and reactive power control.

4.13 Voltage regulation shall be such as to enable continued paralleling and synchronisation with the network voltage at the point of interconnection.

4.14 The equipment of the Wind Power Producer shall be designed for fluctuations in the frequency within limits of -5% and +3% of the standard frequency of 50 cycles per second.

4.15 The Wind power developer shall ensure that the power factor of the power delivered to the DISCOM is maintained as per the APERC/CEA/CERC norms from the time to time.

4.16 Any change in rupturing capacity of switch-gear, settings of the relays, etc., shall be subject to approval of the DISCOM.

4.17 As the Project's generator may carry fault currents that may occur on the grid, the Wind Power Producer shall provide adequate generator and switchgear protection against such faults. The DISCOM is not responsible for damage, if any, caused to the Project's generator and allied equipment during parallel operation of the generator with the grid.

AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
Chairman & Managing Director

For AXIS ENERGY VENTURES INDIA PVT. LTD.

Director

Suzlon Energy Ltd.

Dr. V Babeshwar Rao  
S. vice est it

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

V. Ch. ...

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4.18 The Wind Power Producer shall make a good faith effort to operate the Project in such a manner as to avoid fluctuations and disturbances to the APTRANSCO's / DISCOM's network due to parallel operation with the network.

4.19 The Wind Power Producer shall control and operate the Project as per Prudent Utility Practices. The DISCOM shall only be entitled to request the Wind Power Producer to reduce electric power and energy deliveries from the Project during a System Emergency, and then only to the extent that in the DISCOM's reasonable judgment such a reduction will alleviate the emergency. The DISCOM shall give the Wind Power Producer as much advance notice of such a reduction as is practicable under the circumstances and shall use all reasonable efforts to remedy the circumstance causing the reduction as soon as possible. Any reduction required of the Wind Power Producer hereunder shall be implemented in a manner consistent with safe operating procedures.

ARTICLE 5

BILLING AND PAYMENT

5.1 For 'Delivered' Energy purchased, Wind Power Producer shall furnish a bill to the DISCOM calculated at the rate provided for in Article 2.2, in such form as may be mutually agreed between the DISCOM and the Wind Power Producer, for the billing month on or before the 5th working day following the Meter Reading Date.

5.2 The DISCOM shall be entitled to a rebate of 1% of the total amount billed in any billing month for payments made before the due date of payment. Any payment made beyond the due date of payment, DISCOM shall pay interest at existing SBI base rates plus one percent and in case this rate is reduced, such reduced rate is applicable from the date of reduction.

5.3 The DISCOM shall pay the bill on monthly basis as per Article 5.1.

5.4 Letter of Credit: Not later than 30 days prior to the Scheduled COD of the Generating Unit, DISCOM shall cause to be in effect an irrevocable revolving Letter of Credit issued in favour of Wind Power Developer for a minimum period of one year by a Scheduled Bank (the 'Letter of Credit').

- a. However Letter of Credit shall not be invoked for any disputed bill amount.
- b. Further LC can be invoked only when DISCOMs fail to pay bill amount by due date of bill payment.


5.5 Direct payment: Wind developer shall submit bills for the energy delivered during the billing period as per the provision of this PPA and there upon DISCOMs shall make payment for the eligible bill amount by the due date of payment.


5.6 Billing disputes: The DISCOM shall pay the bills of Wind Power Producer promptly subject to the clauses 5.1 and 5.2 above.

The DISCOM shall notify Wind Power Producer in respect of any disallowed amount on account of any dispute as to all or any portion of the bill. Wind Power Producer shall immediately take up issue with all relevant information with DISCOM which shall be rectified by the DISCOM, if found satisfactory. Otherwise notify its (DISCOM's) rejection of the disputed claim within reasonable time with reasons therefor. The dispute may also be decided by mutual agreement. If the resolution of any dispute requires the DISCOM to reimburse Wind Power Producer, the amount to be reimbursed shall bear interest at SBI base rates plus one percent and in case this rate is reduced, such reduced rate is applicable from the date of reduction from the date of disallowance to the date of reimbursement.

5.7 All payments by the DISCOM to Wind Power Producer hereunder shall be made to such address as may be designated by Wind Power Producer to the DISCOM in writing from time to time.

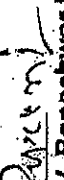
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
  
Tulsil R. Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
  
Chairman & Managing Director

For AXIS ENERGY VENTURES INDIA PVT. LTD.

Suzlon Energy Ltd.

  
Dr. V. Bapeshwar Rao

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.





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Address : M/s [•]  
[address].

Telephone : [•],  
Fax : [•]  
Mobile N. : [•]  
Email id : [•]

ARTICLE 6  
UNDERTAKING

6.1 The Wind Power Producer shall be responsible:

- (i) for proper maintenance of the project in accordance with established prudent utility practices.
- (ii) for operation, maintenance, overhaul of the plant, equipment, works, switch yard and transmission lines and equipment up to the Interconnection Point of the project in close coordination with the DISCOM.
- (iii) the Wind Power Producer shall furnish the generation and maintenance schedules every year.
- (iv) for making all payments on account of any taxes, cess, duties or levies imposed by any Government or competent statutory authority on the land, equipment, material or works of the project or on the energy generated or consumed by the project or the Wind Power Producer or on the income or assets of the Wind Power Producer.
- (v) for obtaining necessary approvals, permits or licences for operation of the project and sale of energy to DISCOM there from under the provision of the relevant laws.
- (vi) the Wind Power Producer have to comply with the provisions of the AP Code of Technical Interface (Grid Code).
- (vii) for achieving Commercial Operation Date within two years from the date of signing of the Agreement.
- (viii) for seeking approval of APTRANSCO and DISCOM in respect of Interconnection Facilities, Pooling Substation and synchronization of the Project with grid.
- (ix) the Wind Power Producer shall not dismantle and take away project machinery and interconnection facilities during the PPA term.
- (x) after [•] th year of the operation from Commercial Operation Date, if plant continues to operate, the DISCOM shall have the first right of refusal on power purchase from the Wind power plant. The tariff beyond [•] th year shall be as mutually agreed by both the parties, subject to approval of APERC.
- (xi) the Clean Development Mechanism (CDM) benefits shall be shared in the ratio of 90:10 between Wind Power Producer and DISCOM.

6.2 The DISCOM agrees:

- (i) to make all reasonable efforts for making arrangements for evacuation of power from the project to be completed prior to the Commercial Operation Date of the Project subject to Article 3.
- (ii) for purchase of Delivered Energy from the project as per section 2.2.
- (iii) to co-ordinate with APTRANSCO and assist the Wind Power Producer in obtaining approval for the interconnection facilities where the interconnection is at 132 kV or above voltages, for synchronization, Commercial Operation, regular operation etc., as required by the Wind Power Producer.

*AJ*  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
*T*  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
*U*  
Chairman & Managing Director

For AXIS ENERGY VENTURES INDIA PVT. LTD.

*[Signature]*  
Director

Suzlon Energy Ltd.

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

*[Signature]*  
Dr. V. Bapeshwar Rao  
S. Vice President

*[Signature]*  
Vice Chairman & Managing Director



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ARTICLE 7

DURATION OF AGREEMENT

This Agreement shall be effective upon its execution and delivery thereof between parties hereto and shall continue in force from the Commercial Operation Date (COD) and until the [ ] th anniversary that is for a period of twenty five years from the Commercial Operation Date (COD). This Agreement may be renewed for such further period of time and on such terms and conditions as may be mutually agreed upon by the parties, 90 days prior to the expiry of the said period of twenty five years, subject to the consent of the APERC. Any and all incentives/conditions envisaged in the Articles of this Agreement are subject to modification from time to time as per the directions of APERC.

ARTICLE 8

NOTICES

8.1 Except as otherwise expressly provided in this Agreement, all notices or other communications which are required or permitted hereunder shall be in writing and sufficient if delivered personally or sent by registered or certified mail, email or fax addressed as follows:

If to the Wind Power Producer:

Attention: M/s [ ]  
[address]

Telephone: [ ]  
Fax: [ ]  
Mobile N.: [ ]  
Email id: [ ]

Attention: [insert designation]  
[name of the discom]  
[insert address]

Fax No. [ ]  
Telephone No. [ ]  
Email id [ ]

8.2 All notices or communications given by email, fax shall be confirmed by depositing a copy of the same in the post office in an envelope properly addressed to the appropriate party for delivery by registered or certified mail. All notices shall be deemed delivered upon receipt, including notices given by email, fax regardless of the date the confirmation of such notice is received.

8.3 Any party may by written notice change the address and/or addresses to which such notices and communications to it are to be delivered or mailed.

ARTICLE 9

DEFAULT

9.1 The Wind Power Producer shall achieve Commercial Operation Date within two years from the date of signing of the Agreement, default of which, the Agreement is liable for termination and the same can be done at the option of DISCOM with due notice.

AJAY JAIN, IAS.  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
Tulsi R Tant  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
Chairman & Managing Director

For AXIS ENERGY VENTURES INDIA PVT. LTD.

Suzlon Energy Ltd.

Dr. V. Bapeshwar Rao  
Sr. Vice President

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

Vice Chairman & Managing Director

Director

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9.2 In the event, DISCOM commits a breach of any of the terms of this Agreement, the Wind Power Producer shall be entitled to specific performance of this Agreement or claim such damages as would be available under Law or both, at its option, by giving 30 days notice to DISCOM.

9.3 In the event, Wind Power Producer commits a breach of any of the terms of this Agreement, the DISCOM shall be entitled to specific performance of this Agreement or claim such damages as would be available under Law or both, at its option, by giving 30 days notice to Wind Power Producer.

9.4 If the default continues for a period of 30 days or more, either party will have a right to issue a preliminary notice for termination of this Agreement. If the default is not cured within 30 days thereafter, either party can terminate this Agreement and can claim damages at its option.

9.5 In the event of cancellation of the Project allotted to the Wind Power Producer by NREDCAP for any reason, the PPA with DISCOM will automatically get cancelled.

ARTICLE 10

DISPUTE RESOLUTION

10.1 Each Party shall designate in writing to the other party a representative who shall be authorized to resolve any dispute arising under this Agreement in an equitable manner.

10.2. Following notice by one Party to the other setting out the particulars of the dispute, if the designated representatives are unable to resolve a dispute under this Agreement within 15 days, such dispute shall be referred by such representatives to a senior officer designated by the Wind Power Producer and a senior officer designated by the DISCOM, respectively, who shall attempt to resolve the dispute within a further period of 15 days.

10.3. The Parties hereto agree to use their best efforts to attempt to resolve all disputes arising hereunder promptly, equitably and in good faith and further agree to provide each other with reasonable access during normal business hours to any and all non-privileged records, information and data pertaining to any such dispute.

10.4 Failing resolution of the dispute in terms of the above provisions or even otherwise, any party may approach the AP Electricity Regulatory Commission to adjudicate upon the dispute in terms of Section 86 (1) (f) of Electricity Act, 2003.

ARTICLE 11

SPECIAL PROVISIONS

11.1 The waiver of any breach or failure to enforce any of the terms, covenants or conditions of this Agreement shall not in any way affect, limit, modify or waive the future enforcement of such terms, covenants or conditions.

11.2 No oral or written modification of this Agreement either before or after its execution shall be of any force or effect unless such modification is in writing and signed by the duly authorized representatives of the Wind Power Producer and the DISCOM, subject to the condition that any further modification of the Agreement shall be done only with the prior approval of Andhra Pradesh Electricity Regulatory Commission. However, the amendments to the Agreement as per the respective orders of APERC from time to time shall be carried out.

11.3 However, in respect of power evacuation, the voltage levels for interfacing with grid will be as per Article 1.20.

For AXIS ENERGY VENTURES INDIA PVT. LTD.

*[Signature]*  
Director

Suzlon Energy Ltd.

*[Signature]*  
Dr. V. Bapeshwar Rao  
Sr. Vice President

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

*[Signature]*  
Viree Chairman & Managing Director

*Asst.*  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
*[Signature]*  
Tulsi R Tanil  
Chairman & Managing Director

For Axis Energy Ventures India Private Limited  
*[Signature]*  
Chairman & Managing Director

11.4 The invalidity or unenforceability for any reason of any provision of this Agreement shall not prejudice or affect the validity or enforceability of any other provision of this Agreement.

11.5 The failure of any party to insist in one or more instances upon the strict performance of any of the provisions of this Agreement or to take advantage of any of its rights hereunder shall not be construed as a waiver of any such provisions or relinquishment of any such rights but the same shall continue in full force and effect.

11.6 Unless the context otherwise requires, every arrangement, procedure or any other matter which is, under any of the provisions of this Agreement, required to be mutually agreed upon between the parties, shall be concluded by a written Agreement between the parties not later than the date specified in the concerned clause of this Agreement, subject to the consent of the APERC.

11.7 This Agreement, including Schedule 1, 2 & 3 attached hereto, constitute the entire agreement between the parties with respect to the subject matter hereof, and there are no oral or written understandings, representations or commitments of any kind, express or implied, not set forth herein.

11.8 The headings contained herein are included solely for the convenience of the parties and are not to be used as a basis for interpreting the various sections of this Agreement.

11.9 The parties each agree to act in good faith in implementing the terms and conditions of this Agreement and in carrying out their respective obligations hereunder.

11.10 In the event of the merger or re-organisation of DISCOM, if the resulting entity is able to perform DISCOM's obligations hereunder in no less a manner than DISCOM, the resulting entity shall take the right and responsibility for performance of DISCOM's obligations.

11.11 In the event of the merger or re-organisation of Wind Power Producer if the resulting entity is able to perform Wind Power Producer's obligations hereunder in no less a manner than Wind Power Producer, the resulting entity shall take the right and responsibility for performance of Wind Power Producer's obligations.

11.12 Assignment and Financing: Neither party shall assign this Agreement or any portion thereof to any third party without the prior written consent of the other party which consent shall not be unreasonably withheld.

IN WITNESS WHEREOF, the Wind Power Producer and the DISCOM have caused this Agreement to be executed as of the date and the year first set forth above.

For and behalf of  
[name of the DISCOM]

WITNESS

1.

By:

2.

Its:

For and behalf of  
M/S. [name of the Project Company]

WITNESS

1.

By:

Suzlon Energy Ltd.

Tulsi R Tanti

Chairman & Managing Director

For Axis Energy Ventures India Private Limited

Chairman & Managing Director

AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

Vice Chairman & Managing Director

Suzlon Energy Ltd.

Dr. V. Bapeshwar Rao  
Sr Vice President

For AXIS ENERGY VENTURES INDIA PVT. LTD.

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2.

Its:

SCHEDULE 1

Particulars of the Project  
(Referred to in the Preamble to the Agreement)

Name of the Project	Location	No. of Wind Energy Converters	Capacity of the Project*
[Name of Project Company]	[.]	[.]	[.]

For AXIS ENERGY VENTURES INDIA PVT. LTD.

*[Signature]*  
Director

SCHEDULE - 2

(Copy of sanction proceedings from NREDCAP to the Company)

SCHEDULE - 3

(Copy of agreement entered into by the Company with NREDCAP)

Suzlon Energy Ltd.

*[Signature]*  
Dr. V. Bapeshwar Rao  
Sr. Vice President

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

*[Signature]*  
Vice Chairman & Director

*[Signature]*  
AJAY JAIN, IAS.,  
Secretary to Government  
Energy, Infrastructure & Investment Dept.  
A.P. Secretariat, Hyderabad - 500 022.

Suzlon Energy Ltd.  
*[Signature]*  
Tulsi R Tanti  
Chairman & Managing Director

For Axis Energy Venturos India Private Limited  
*[Signature]*  
Chairman & Managing Director

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**ANNEXURE 5**

**Implementation Schedule - Renewable Energy Project**

Year	Wind Power Projects (MW)	Wind, Solar and Hybrid Projects (MW)
2016-17	600	---
2017-18	600	200
2018-19	600	200
2019-20	600	300
2020-21	600	300
<b>Total Capacity (MW)</b>	<b>3000</b>	<b>1000</b>

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.



Vice Chairman & Managing Director

**Suzlon Energy Ltd.**



**Dr. V. Bapeshwar Rao**  
Sr. Vice President

For AXIS ENERGY VENTURES INDIA PVT. LTD.

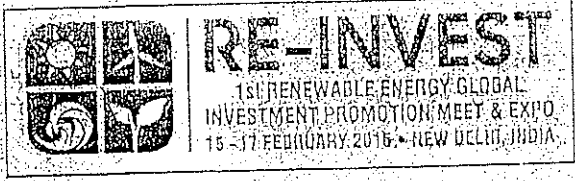


Director

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Annexure - 1



### Memorandum of Understanding

This Memorandum of Understanding is entered on 15th day of February, 2015 at New Delhi on the occasion of First Renewable Energy Global Investors Meet (Re-Invest) 2015

#### Between

M/s Suzlon Energy Ltd, a Company incorporated under the Companies Act, 1956 having its Office at Pune

#### And

### The Government of Andhra Pradesh

M/s Suzlon Energy Ltd wishes to establish 430 MW Capacity of Wind Power Project in Andhra Pradesh during the five year period of 2015-19 and 860 (Nos) employment will be created directly/indirectly.

Government of Andhra Pradesh would facilitate M/s Suzlon Energy Ltd to obtain necessary Permissions / Registration / Approvals / Clearances etc., from the concerned departments of the state, as per the existing policies / rules and regulations of the State Government.

This Memorandum of Understanding is made to facilitate M/s Suzlon Energy Ltd for establishment of the aforesaid Project (s) in Andhra Pradesh in a time bound manner.

For and on behalf of  
Government of Andhra Pradesh

*[Signature]*  
(VC & Managing Director)  
NREGAP

For and on behalf of  
M/s Suzlon Energy Ltd,

*[Signature]*  
(Authorised Signatory)

For New & Renewable Energy Development  
Corporation of Andhra Pradesh

*[Signature]*  
Vice Chairman & Managing Director

Secretary, Energy, I & I Dept., Govt. of AP

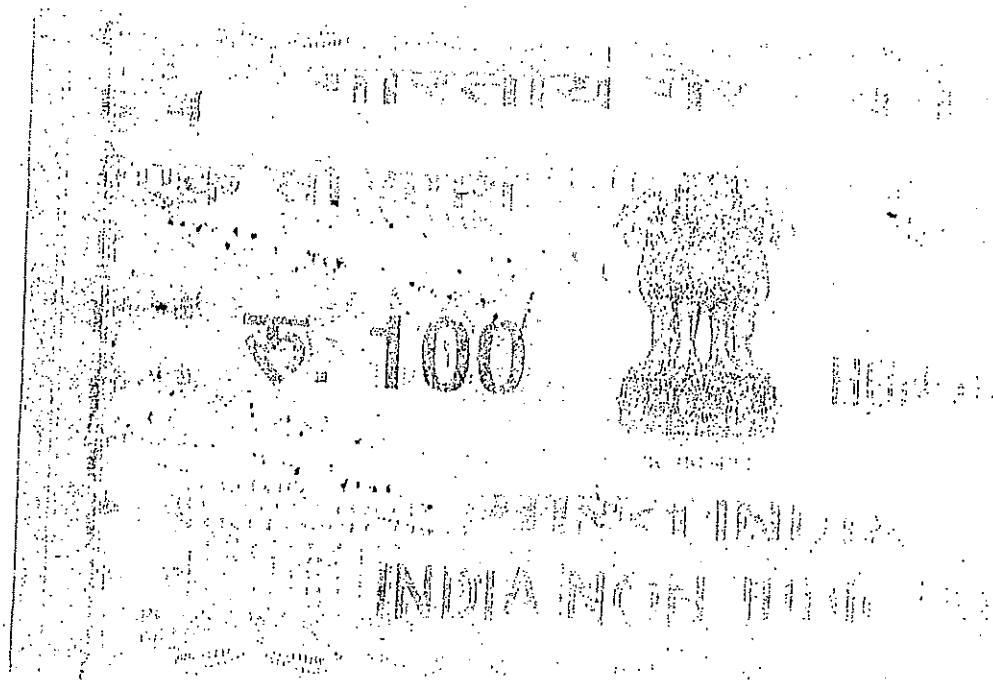
*[Signature]*  
& Chairman, Suzlon Energy Ltd.

*[Signature]*  
Sr. Vice President

For AXIS ENERGY VENTURES IN

REC-1

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తెలంగాణ తేలంగానా TELANGANA

Sl.No 19856 Date 30-09-2016, Rs.100/-  
Name: CH. KARUNAKAR, S/O. LATE RAMUI U, R/O. HYD.  
FOR WHOM: AXIS ENERGY VENTURES INDIA PVT. LTD.

*Ronda Kavitha*  
RONDA KAVITHA  
Licenced Stamp Vendor  
SVL No: 16-01 06/2016  
H.No. 8 2-460/64, Road No.4  
Sukdev Nagar, Banjara Hills, Hyderabad

PROJECT IMPLEMENTATION AGREEMENT

THIS AGREEMENT ("Agreement") is executed on the 03<sup>rd</sup> day of the month of October, 2016 between:

ANDHRA PRADESH SOUTHERN POWER DISTRIBUTION COMPANY LIMITED, a company duly incorporated under the Companies Act 1956, having its registered office at D.No:19-13-65/A, Srinivasapuram, Tiruchanoor Road, Tirupati - 517503, Chittoor District, Andhra Pradesh, India represented by its authorised signatory, The Chief General Manager/P&MM&IPC (hereinafter referred to as "APSPDCL", which term shall mean and include its successors in interest, group companies, associates and assigns);

AND

ANDHRA PRADESH EASTERN POWER DISTRIBUTION COMPANY LIMITED, a company duly incorporated under the Companies Act 1956, having its registered office at P&T Colony, Seethammadhara, Visakhapatnam-530 013, India represented by its authorised signatory, The Chief General Manager/Plg, PP & RA, (hereinafter referred to as "APEPDCL", which term shall mean and include its successors in interest, group companies, associates and assigns);

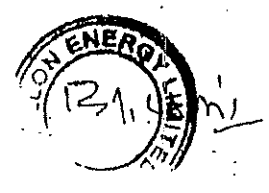
AND

*[Signature]*  
31/10/2016  
CHIEF GENERAL MANAGER  
P&MM&IPC  
APSPDCL :: TIRUPATI

*B.V. Shankar Reddy*  
EXECUTIVE DIRECTOR  
HRD & Planning  
APTRANSCO, Vidyut Soudha,  
HYDERABAD - 500 082.

For Axis Energy Ventures India Pvt

*[Signature]*  
CHIEF GENERAL MANAGER  
Planning, Power Purchase & RA  
A.P.E.P.D.C. Ltd.







000154

**TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED**, a company duly incorporated under the Companies Act 1956, having its Corporate Office at Vidyut Soudha, Khairatabad, Hyderabad-500082, India represented by its authorised signatory, Executive Director/HRD & Planning, (hereinafter referred to as "APTRANSCO", which term shall mean and include its successors in interest, group companies, associates and assigns);

AND

**SUZLON ENERGY LIMITED**, a company duly incorporated under the Companies Act 1956, having its registered office at 5 Shrimali Society, Near Shri Krishna Complex, Navrangpura, Ahmedabad - 380009, Gujarat, India and its Corporate Office at "One Earth" Building, Hadapsar, Pune-411028, Maharashtra, India represented by its authorised signatory Dr. Vinnakota Bapeshwar Rao, President, (hereinafter referred to as "Suzlon", which term shall mean and include its successors in interest, group companies, associates and assigns);

Suzlon along with its associates is engaged in the business of manufacturing wind turbine generators and developing wind and solar power projects through engineering, procurement and supply model for various independent power producers.

AND

**AXIS ENERGY VENTURES INDIA PRIVATE LIMITED**, a company duly incorporated under the Companies Act 1956, having its registered office at 2nd Floor, Plot no.3, House No. 6-3-680/8/3, PMR Plaza, Thakur Mansion Lane, Somajiguda, Hyderabad - 500082, represented by its authorised signatory Mr. K. Ravi Kumar Reddy, Chairman and Managing Director (hereinafter referred to as "Axis" which term shall mean and include its successors in interest, group companies, associates and assigns),

Axis, is one of the largest independent power producers in India with primary focus in development and operations of Renewable Energy Projects

APSPDCL, APEPDCL are hereinafter to be jointly referred to as "First Party". APTRANSCO to be referred to as "Second Party" and Suzlon and Axis are hereinafter jointly referred to as "Third Party". "First Party", "Second Party" and "Third Party" shall be referred to collectively as Parties.

**WHEREAS:**

- A. Suzlon and Axis envisaged developing jointly the Renewable Energy Projects (as defined hereinafter) in the state of Andhra Pradesh and accordingly on September 03, 2015 a proposal was submitted to GoAP for development of 4000 MW of Renewable Energy Projects in the state of Andhra Pradesh along with manufacturing facilities. GoAP has issued government order G.O.Ms No. 15 dated November 27, 2015 ("GO") in this regard (attached herewith as Annexure 1).

CHIEF GENERAL MANAGER  
P & MM & IPC  
APSPDCL :: TIRUPATI

EXECUTIVE DIRECTOR  
HRD & Planning  
APTRANSCO, Vidyut Soudha,  
HYDERABAD - 500 082.

For Axis Energy Ventures India Pvt. Ltd.

Chairman & Managing Director

CHIEF GENERAL MANAGER  
Planning, Power Purchase & RA  
A.P.E.P.D.C. Ltd.  
VISA KHAPATNAM - 13





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- B. The Third Party in pursuance of said GO, have executed Memorandum of Understanding dated December 04, 2015 ("MoU") with GoAP, attached herewith as Annexure 2. As per the MoU, Suzlon and Axis have agreed to jointly participate in developing the Renewable Energy Projects (comprising of wind power projects (3000 MW) and wind-solar hybrid power projects (1000 MW) projects) for an aggregate capacity of about 4000 MW ("Renewable Energy Projects") and Suzlon shall additionally develop facilities for manufacturing blade, tower, nacelle/generator at multiple locations such as Anathapuram and Nellore districts or such other districts identified subsequently ("Manufacturing Facilities").
- C. In terms of the MoU, the GoAP and the Third Party executed the Project Implementation Agreement dated January 11, 2016 ("PIA") (attached herewith as Annexure 3) incorporating the terms and conditions for implementation of Renewable Energy Projects.
- D. Further, In terms of the PIA, the NREDCAP and the Third Party executed the Project Agreement dated February 3, 2016 ("Project Agreement") (attached herewith as Annexure 4) incorporating the terms and conditions for implementation of Renewable Energy Projects in a time bound manner in coordination with APTRANSCO and APDISCOMs.
- E. Further Vide Letter dated March 28, 2016 (attached herewith as Annexure 5), Principal Secretary to the Government of Andhra Pradesh, (Energy, I&I and CRDA) directed APSPDCL and APEPDCL to take necessary further action to sign Power Purchase Agreements in respect of 4000MW of Renewable energy projects (in the format approved by APERC) from time to time and purchase the entire capacity of power generated from the Renewable Energy Projects based on the tariff determined by the APERC.
- F. And also by Letter dated March 28, 2016 (attached herewith as Annexure 6) Principal Secretary to the Government of Andhra Pradesh, (Energy, I&I and CRDA) directed APTRANSCO to take necessary action to create required transmission infrastructure for evacuation of power generated from Renewable Energy Projects on priority basis.
- G. Further to the letter attached as Annexure 5, APSPDCL has written a letter dated 30.05.2016 to APERC requesting to permit for entering into advance PPAs with the Third Party. Subsequently Principal Secretary to GoAP, Energy, I & I Department, vide letter dated 11.08.2016 has directed APTRANSCO and APDISCOMs to take necessary approvals from APERC by submitting long term forecast plan, resource plan and power procurement plan before entering into the PPAs. In response to above APERC communicated vide letter dated 02.09.2016 to The CGM (P&MM&IPC), APSPDCL Tirupathi that "APPCC, APTRANSCO and APDISCOMS are at liberty to consider and determine the response to the issues involved and the matter in which they decide to proceed further in accordance with law. While doing so, the contents of the letter from The Principal Secretary to GoAP, Energy, I & I Department, addressed to CMD/APTRANSCO and CMDs/APDISCOMS dated 11.08.2016 may also be kept in view". All the above letters (3 No.s) are attached here with as Annexure 7.
- H. The Coordination Committee meeting was held on 27.07.2016 at Vijayawada (Minutes of Meeting attached herewith as Annexure 8), wherein the Committee directed APTRANSCO for creation of Power Evacuation facilities for the above said Renewable Energy Projects.

NOW THEREFORE, PARTIES HEREIN HAVE AGREED TO THE FOLLOWING.

INTERPRETATIONS

CHIEF GENERAL MANAGER  
P & MM & I & C  
APSPDCL :: TIRUPATHI

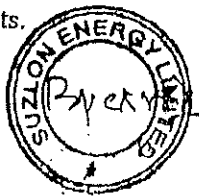
The nomenclature of this Agreement, heading and paragraph numbers are only for the convenience of reference.

CHIEF GENERAL MANAGER  
Planning, Power Purchase & RA  
A.P.E.P.D.C. Ltd.  
VISAKHAPATNAM - 13

EXECUTIVE DIRECTOR  
HRD & Planning  
APTRANSCO, Vidyut Soudha,  
HYDERABAD - 500 082.

For Axis Energy Ventures India Pvt. Ltd.

Chairman & Managing Director





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- 1.2 Reference to persons and words denoting natural persons shall include bodies, corporate, partnerships, joint ventures, statutory and other authorities and entities.
- 1.3 Reference to any enactment, ordinance or regulation or any provision thereof shall include any amendment thereof or any replacement in whole or in part.
- 1.4 Reference to Recitals, Clauses, or Sub-Clauses shall unless the context otherwise requires, be deemed to include the Recitals, Clause or Sub-Clauses of this Agreement.
- 1.5 The words importing singulars shall include plurals and vice-versa as the case may be.
- 1.6 Terms beginning with capital letters and defined as per this Agreement shall have the same meaning ascribed thereto.
- 1.7 Any reference at any time to any agreement, deed, instrument, license or document of any description shall be construed as reference, to that agreement, deed, instrument, license or other document as amended varied, supplemented, modified or suspended at the time of such reference provided that this Clause shall not operate so as to increase liability or obligations of any Party hereunder or pursuant hereto in any manner whatsoever.
- 1.8 Any agreement, consent, approval, authorization, notice, communication, information or report required under or pursuant to this Agreement from or report required under or pursuant to this Agreement from or by any party shall be valid and effectual only if it is in writing and under the hands of duly authorized representative of such party in this behalf and not otherwise. 1.9 Any reference to any period commencing "from" a specified day or date and "till" or "until" a specified day or date shall include both such days' or dates.
- 1.10 The words / expressions used in this Agreement shall bear the same meaning as assigned to them in the context in which these have been used in this Agreement.


## 2. DEFINITIONS

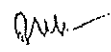
- 2.1 In this Agreement, the various terms shall have the following meanings, except where the context otherwise requires, definitions and other terms expressed in the singular shall also include the plural and vice versa, namely:-

"Arbitration Act" means the Arbitration and Conciliation Act, 1996 and shall include modifications to or any re-enactment thereof as in force from time to time;

"Dispute" shall have the meaning as specified in Clause 7;


"Effective Date" shall mean the date of signing of this Agreement;

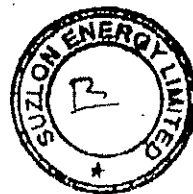
  
CHIEF GENERAL MANAGER  
P & MM & IPC  
APSPDCL :: TIRUPATI

  
EXECUTIVE DIRECTOR  
HRD & Planning  
APTRANSCO, Vidyut Soudha,  
HYDERABAD - 500 082.

For Axis Energy Ventures India Pvt. Ltd.

  
Chairman & Managing Director

  
CHIEF GENERAL MANAGER  
Planning, Power Purchase & RA  
A.P.E.P.D.C. Ltd.  
VISA KHAPATNAM - 13





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"Force Majeure" shall have the meaning as ascribed thereto in Clause 5;

"GoAP" shall mean the state government of the Andhra Pradesh;

"GoI" shall mean Government of India;

"Individual Project" shall mean each renewable energy project set up as part of the Renewable Energy Projects based on allotment issued by NREDCAP to M/s. Suzlon Energy Limited and/or M/s. Axis Energy Ventures India Limited;

"Interconnection Facilities" shall have the meaning ascribed in the APERC approved PPA format from time to time.

"Interconnection Point" means the point or points where the Project and the APDISCOM(s) (APSPDCL/APEPDCL)/APTRANSCO grid system are interconnected. For the Renewable Energy Projects, interconnection point is at the EHV side of the pooling substation. The metering for the Project will be provided at the interconnection point as per the directions given by APERC from time to time.

"Project Implementation Agreement" means this Agreement together with the Schedules attached herein and any amendments made thereto in accordance with the provisions herein contained;

"Power Evacuation Facilities" means the facilities to be created for evacuation of the power from the Renewable Energy Projects in line with APERC guidelines from time to time.

"Power Purchase Agreement" shall mean a contractual agreement to be signed with APDISCOM(s), for sale of power generated from the Renewable Energy as may be approved by APERC from time to time.

"Renewable Energy Projects" shall mean that the Renewable Energy Projects (comprising of wind power projects (3000 MW) and wind-solar hybrid power projects (1000 MW) projects) for an aggregate capacity of about 4000 MW as to be executed by the Third Party in accordance with the PIA.

### CLAUSE 3

#### TERMS OF THE AGREEMENT

##### 3.1 Effectiveness

This Agreement shall come into force from the Effective Date.

##### 3.2 Term of the Agreement

This Agreement shall remain in force for a period of 7 (Seven) years from the Effective Date, and will remain in force till the execution of the entire PPAs and Power Evacuation facilities for an aggregate capacity of 4000MW (Wind - 3000MW and Wind - Solar Hybrid - 1000MW) of the Renewable Energy Projects.

*[Signature]*  
EXECUTIVE DIRECTOR For Axis Energy Ventures India Pvt. Ltd.  
HRD & Planning  
APTRANSCO, Vidyut Soudha,  
HYDERABAD - 500 082.

Chairman & Managing Director

*[Signature]*  
CHIEF GENERAL MANAGER  
P & MM & IPC  
APSPDCL :: TIRUPATI

*[Signature]*  
CHIEF GENERAL MANAGER  
Planning, Power Purchase & RA  
A.P.E.P.D.C. Ltd.  
VISAKHAPATNAM - 13







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3.3 APSPDCL and APEPDCL:

APSPDCL and APEPDCL agree that the principal objective of this Agreement is to record the intent of the Parties to execute Power Purchase Agreements as approved by APERC from time to time and also to extend the necessary support for timely completion of the Renewable Energy Projects and therefore agrees to provide the support to the Third Party as set out in this Agreement.

3.4 APTRANSCO agree that the principal objective of this Agreement is to record the intent of the Parties to extend necessary support for timely completion of the Renewable Energy Projects and therefore agrees to provide the support to the Third Party as set out in this Agreement.

CLAUSE 4

EXECUTION OF POWER PURCHASE AGREEMENT

4.1 First Party agrees to execute Power Purchase Agreements with the Third Party in the format attached as Annexure 9 and as may be approved by APERC, and purchase the entire capacity of the power generated from the Renewable Energy Projects at tariff determined by the Andhra Pradesh Electricity Regulatory Commission in accordance with Section 61, Section 62, Section 86 of Electricity Act, 2003 and any regulations made there under. The terms of the PPA will be as approved by commission from time to time.

Provided that finalization of capacity for entering into PPA by First Party with Third Party from time to time shall be based on the NREDCAP prioritization, duly considering the balance targeted RPP0 and the Policies of GoAP, and the project capacity as per the Annexure-10.

4.2 The Second Party hereby confirm and agrees to evacuate power produced from the Renewable Energy Projects. The power generated from the Renewable Energy Projects shall be provided with adequate power evacuation facilities by the Second Party for evacuation of power from the Interconnection Point of Renewable Energy projects as per the procedure in vogue and in compliance of APERC orders.

4.3 Out of the said 4000 MW of Renewable Energy Projects, 2800 MW will be evacuated through existing grid infrastructure and/or green energy corridor which is created/to be created by Second Party for evacuating Wind/Solar power projects and for remaining 1200 MW of Renewable Energy Projects power evacuation infrastructure will be taken up by the Third Party through PPP model on behalf of the Second Party. The Second Party will constitute a committee along with the Third party and work out the modalities and guidelines for finalization of PPP model.

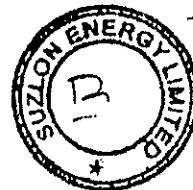
*RAN*  
EXECUTIVE DIRECTOR  
HRD & Planning  
APTRANSCO, Vidyut Soudha,  
HYDERABAD - 500 082.

*K.T.*  
For Axis Energy Ventures India Pvt. Ltd.

Chairman & Managing Director

*L*  
CHIEF GENERAL MANAGER  
P & MM & IPC  
APSPDCL :: TIRUPATI

*NP*  
CHIEF GENERAL MANAGER  
Planning, Power Purchase & RA  
A.P.E.P.D.C. Ltd.  
VISA KHAPATNAM - 13





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**CLAUSE 5  
FORCE MAJEURE**

- 5.1 Force Majeure shall mean any event or circumstance or combination of events or circumstances that wholly or partly prevent or unavoidably delay the Party claiming Force Majeure (hereinafter referred to as the "Affected Party") in the performance of its obligations under this Agreement and which act or event:
  - 5.1.1 is beyond the reasonable control of and not arising out of the fault of the Affected Party;
  - 5.1.2 the Affected Party has been unable to prevent by the exercise of due diligence and reasonable efforts, skill and care, including through expenditure of reasonable sums of money; and
  - 5.1.3 has a materially adverse effect on the Renewable Energy Projects.

Such events include any acts of GoAP/APDISCOMs/APTRANSCO either in its sovereign or its contractual capacity, war, civil war, insurrection, riots, revolutions, fires, floods, epidemics, quarantine restrictions, freight embargoes, radioactivity and earthquakes.

- 5.2 Upon the occurrence of any Force Majeure Event:
  - 5.2.1 The date for achieving the specific obligations shall be extended by the period for which such Force Majeure event subsists and the Term shall be proportionately extended; and
  - 5.2.2 The Parties shall bear their respective costs and no Party shall be required to pay to the other Party any costs arising out of any Force Majeure Event.

**CLAUSE 6**

**GOVERNING LAW**

- 6.1 The rights and obligations of the Parties under or pursuant to this Agreement shall be governed by and construed according to the applicable laws. This Agreement shall be subject to the jurisdiction of the competent courts at capital city of Andhra Pradesh.

**CLAUSE 7**

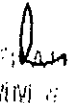
**RESOLUTION OF DISPUTES**


- 7.1 Good Faith Negotiations

All disputes, disagreement or difference between the Parties (each a "Dispute"), arising out of or in relation to the construction or operation of the Renewable Energy Projects, shall be resolved through the following dispute resolution procedure:

- 7.1.1 Either Party shall give to the other a written notice setting out the material particulars of Disputes and requiring an authorized \*Senior Executive Officer each from the APTRANSCO/APDISCOMs and Suzlon/Axis, to meet in person at the capital city of Andhra Pradesh or at any other mutually agreed place within 20 (twenty) working days of the date of receipt of such notice by the relevant party to attempt negotiation in good faith and using their best endeavours at all times to resolve the Disputes.

For Axis Energy Ventures India Pvt. Ltd.

  
 CHIEF GENERAL MANAGER  
 P & MM  
 APSDC  
 VISAKHAPATNAM

  
 EXECUTIVE DIRECTOR  
 HRD & Planning  
 APTRANSCO, Vidyut Soudha,  
 HYDERABAD - 500 032.

  
 Chairman & Managing Director

CHIEF GENERAL MANAGER  
 Planning, Power Purchase & RA  
 A.P.E.P.D.C. Ltd.  
 VISAKHAPATNAM - 13






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- 7.1.2 If the Dispute is not resolved as evidenced by the terms of the settlement being reduced to writing and signed by the Senior Executive Officers of both the Parties within 30 (thirty) working days after the date of receipt of the Notice described in Clause 7.1.1, then the parties may resolve the same in accordance with Clause 7.1.3.
- 7.1.3 If the Dispute is not resolved at the meeting of the Senior Executive Officers of both the Parties, the Chairman and Managing Director, APTRANSCO/APDISCOMs and the Chairman of Suzlon/ Axis shall meet at the capital city of Andhra Pradesh or any other mutually agreed place within 30 (thirty) working days after the expiry of the period as mentioned in Clause 7.1.2, to attempt negotiations in good faith and using their best endeavours at all times to resolve the dispute within a further period of 30 (thirty) days and if the Dispute is still not resolved as evidenced by the terms of the settlement being reduced to writing and signed by the authorised representatives of both the Parties, the provisions of the Clause 7.2 or 7.3 shall apply, unless the said period is mutually extended.
- 7.2 Any Disputes not resolved between the Parties in accordance with Clause 7.1, and if that dispute is falling under the purview of the APERC jurisdiction then same will be referred to the APERC for adjudication.
- 7.3 All other Disputes which do not come under the jurisdiction of APERC and could not be resolved between the Parties in accordance with Clause 7.1, shall be settled by way of arbitration in accordance with the provision of Arbitration and Conciliation Act, 1996 including any statutory modification or variation thereof, by reference to an arbitrator panel of 3 (three) arbitrators, one to be appointed by the First Party or the Second Party, one to be appointed by Third Party and the third to be appointed by the two arbitrators so appointed, who shall act as Chairperson of the Arbitral Tribunal. All the expenses of the arbitration shall be borne and paid by the Parties to the dispute in equal proportion. The arbitrators shall give a speaking Award.
- 7.4 The Award rendered in any arbitration commenced hereunder shall be final and binding.
- 7.5 The arbitration proceedings shall take place at capital city of Andhra Pradesh only and the Courts of the state of Andhra Pradesh alone have jurisdiction to this purpose.
- 7.6 The right to arbitrate disputes under this Agreement shall survive the expiry of term or the Termination of this Agreement.


#### CLAUSE 8

#### AMENDMENTS

- 8.1 No amendments or waiver of any provision of this Agreement and no consent to any departure by either party here form, shall in any event be effective unless the same shall be writing and signed by each of the Parties.

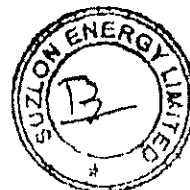
  
CHIEF GENERAL MANAGER  
P & MM & IPC  
APSPDCL :: TIRUPATI

CHIEF GENERAL MANAGER  
Planning, Power Purchase & RA  
A.P.E.P.D.C. Ltd.  
VISAKHAPATNAM - 13

  
EXECUTIVE DIRECTOR  
HRD & Planning  
APTRANSCO, Vidyut Soudha,  
HYDERABAD - 500 092.

For Axis Energy Ventures India Pvt. Ltd.

  
Chairman & Managing Director





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CLAUSE 9

COMMUNICATION

9.1 Any communication/notice by one Party to the other under this Agreement shall be deemed to be served if sent by cable, fax or E-mail followed by a confirmation letter delivered by hand or by registered mail to the respective addresses.

9.2 Communication should be addressed as below:

For First Party

APSPDCL

The Chief General Manager/P&MM&IPC,  
Andhra Pradesh Southern Power Distribution Company Limited  
D.No:19-13-65/A, Srinivasapuram, Tiruchanoor Road,  
Tirupathi-517503, Chittoor District, Andhra Pradesh.

APEPDCL

The Chief General Manager/Plg, PP & RA,  
Andhra Pradesh Eastern Power Distribution Company Limited  
P & T Colony, Seethammadhara, Vishakapatnam-530 013, Andhra Pradesh.

For Second Party

APTRANSCO

The Executive Director/ HRD & Plg.,  
Transmission Corporation of Andhra Pradesh Limited.  
Vidyuth Soudha, Khairathabad, Hyderabad-500082.

For Third Party

Suzlon

The Chairman and Managing Director,  
Suzlon Energy Limited,  
One Earth" Building, Hadapsar,  
Pune-411028, Maharashtra, India  
Tel. No.: +91-20-67022000/61356135/67202500  
Fax No.: +91-20-67022100/67022200  
Email id: [cmd@suzlon.com](mailto:cmd@suzlon.com)

Axis

The Chairman and Managing Director,  
Axis Energy Ventures India Private Limited,  
2nd Floor, Plot no.3, House No. 6-3-680/8/3, PMR Plaza,  
Thakur Mansion Lane, Somajiguda, Hyderabad - 500 082  
Tel No.: +91 040 23412312/23412313  
Fax No.: +91 040 23412314  
Email id: [ravi@axisenergy.in](mailto:ravi@axisenergy.in)

*[Signature]*  
EXECUTIVE DIRECTOR  
HRD & Planning  
APTRANSCO, Vidyut Soudha,  
HYDERABAD - 500 082.

For Axis Energy Ventures India Pvt. Ltd.

*[Signature]*  
Chairman & Managing Director

*[Signature]*  
CHIEF GENERAL MANAGER  
P&MM&IPC  
APSPDCL  
TIRUPATHI

*[Signature]*  
CHIEF GENERAL MANAGER  
Planning, Power Purchase & RA  
A.P.E.P.D.C. Ltd.  
VISAKHAPATNAM - 13







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**CLAUSE 10**

**MISCELLANEOUS**

**10.1 Relationship of the Parties**

This agreement shall not be interpreted or construed or create an association, joint venture or partnership between the Parties or to impose any partnership obligation or right upon either Party. Neither Party shall have any right, power or authority to enter into any agreement or undertaking for, or act on behalf of, or to act as or be an agent or representative of, or to otherwise bind, the other party.

**10.2 Third Parties**

This agreement is intended solely for the benefit of the Parties hereto. Nothing in this agreement shall be construed to create any duty, to standard of care with reference to, or any liability to, any person not a party to this Agreement.

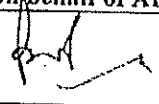
**10.3 Severability**


If for any reason whatever any provision of this Agreement is or becomes invalid, illegal or unenforceable or is declared by any court of competent jurisdiction or any other instrumentality to be invalid, illegal or unenforceable, the validity, legality or enforceability of the remaining provisions shall not be affected in any manner, and the Parties will negotiate in good faith with a view to agreeing one or more provisions which may be substituted for such invalid, unenforceable or illegal provisions, as nearly as is practicable to such invalid, illegal or unenforceable provision. Failure to agree upon any such provisions shall not be subject to dispute resolution under the Agreement or otherwise.

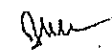
**10.4 Survival**

The termination or expiry of this Agreement shall not affect the accrued rights, obligations and liabilities of either party under this agreement, nor shall it affect any continuing obligations, which this Agreement provides, whether expressly or by necessary implication.

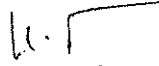
IN WITNESS, the Parties hereto have executed and delivered this Agreement at on the date first written above.


<b>CHIEF GENERAL MANAGER P&amp;MM&amp;IPC APSPDCL :: TIRUPATI</b>	For and on behalf of APSPDCL 
	The Chief General Manager/P&MM&IPC

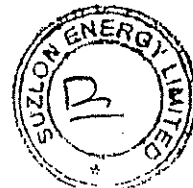
  
CHIEF GENERAL MANAGER  
P & MM & IPC  
APSPDCL :: TIRUPATI

  
EXECUTIVE DIRECTOR  
HRD & Planning  
APTRANSCO, Vidyut Soudha,  
HYDERABAD - 500 082.

For Axis Energy Ventures India Pvt. Ltd.

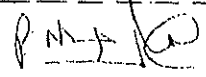
  
Chairman & Managing Director

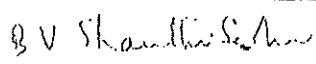
  
CHIEF GENERAL MANAGER  
Planning, Power Purchase & RA  
A.P.E.P.D.C. Ltd.  
VISA KHAPATNAM

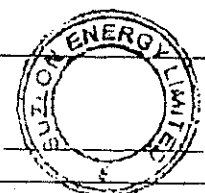
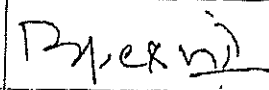


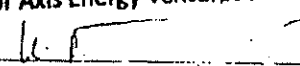


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CHIEF GENERAL MANAGER Planning, Power Purchase & RA A.P.E.P.D.G. Ltd. VISA KHAPATNAM - 13	For and on behalf of APEPDCL  The Chief General Manager/Pig, PP & RA
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EXECUTIVE DIRECTOR HRD & Planning APTRANSCO, Vidyut Soudha, HYDERABAD - 500 082.	For and on behalf of APTRANSCO  Executive Director/HRD & Plng.
---	--

	For and on behalf of SUZLON ENERGY LIMITED  PRESIDENT
---	---


	For and on behalf of AXIS ENERGY VENTURES INDIA PRIVATE LIMITED For Axis Energy Ventures India Pvt. Ltd.  The Chairman and Managing Director Chairman & Managing Director
--	---

Witness:

1.

  
(C. S. Srinivas)

2.

  
JAYA PRAKASH . F .  
Suzlon Energy Ltd .  
Hyderabad .



00016

ANNEXURE

**ఆంధ్రప్రదేశ్ సంప్రదాయితర ఇంధన వనరుల అభివృద్ధి సంస్థ లి.,**  
**Non-Conventional Energy Development Corporation of Andhra Pradesh Ltd.,**

(A State Government Company)

Regd. Office: 5-8-207/2, Pishah Complex, Nampally, Hyderabad - 500 001. India.  
Tele: Off : 040-23202391 / 23203638 / 23203376 / 23202262, Fax : 040-23201666  
E-mail : info@nedcap.gov.in, Website : www.nedcap.gov.in



Ref: NREDCAP/WE/Axis/Vajrakarur/2011

Dt.24.09.2011

PROCEEDINGS

Sub: Wind power Project in private sector - Communication of sanction for 300 MW capacity wind farm project at Vajrakarur, Anantapur district - Reg.

- Ref:
1. Application for allotment of wind farm dt.08.10.2010
  2. G.O.Ms.No.48 dt.11-04-2008 of Energy Dept. Govt. of A.P.
  3. G.O.Ms.No.99 dated 09.09.2008 of Energy (RES) Dept., Govt. of A.P.
  4. Govt. Lr.no.9039/RES-1/2010 Dt.5.5.2011 of Energy (RES) Dept.
  5. NREDCAP Provisional Allotment Lr.No.NEDCAP/WE/Axis/2011/315 Dt.06.05.2011
  6. Lr.no.AWEL/2010-11/167 Dt.29.08.2011 of M/s. Axis Wind Energy Ltd
  7. Axis Wind Farms (Vajrakarur) Pvt. Ltd Lr.No.AWEL/2010-11/180 dated.19.09.2011

\* \* \*

In the reference 1st cited, M/s.Axis Wind Energy Ltd have applied to NREDCAP for allotment of 300.00 MW capacity wind power project at Vajrakarur, Anantapur District, for generation of electric power on commercial basis.

In the reference 4<sup>th</sup> cited, the Govt. has accorded approval for sanction of 300.00 MW capacity wind power project to M/s. Axis Wind Energy Ltd.

In the reference 5<sup>th</sup> cited, Provisional Allotment Letter was issued stipulating the terms and conditions for issue of Sanction Letter and for execution of the Agreement. M/s. Axis Wind Energy Ltd vide its letter 6<sup>th</sup> cited, having fulfilled the conditions of the Provisional Allotment, has represented that they have floated a Special Purpose Vehicle (SPV) company by name M/s. Axis Wind Farms (Vajrakarur) Pvt. Ltd under the Companies Act 1956 to implement 300.00 MW capacity wind power project at Vajrakarur, Anantapur dist and requested to transfer the allotment of 300 MW capacity wind power project to the SPV which will execute the Agreement.

Contd.2

Based on the approval of the Government, and having considered the request of M/s. Axis Wind Energy Limited, the allotment of 300.00 MW capacity wind power project capacity at VAJRAKARUR, Anantapur District for generation of power on commercial basis is hereby transferred in the name of M/s. Axis Wind Farms (Vajrakarur) Pvt. Ltd, subject to the condition that M/S Axis Wind Energy Ltd shall continue to hold a minimum of 26% of the subscribed and paid up equity capital of the SPV till after one year from the date of commissioning of the Project. and that the equity holding of M/S Axis Wind Energy Ltd shall also be higher than the equity holding of any other equity shareholder of the SPV.

The allotment is accorded subjected to the following conditions.

1. The allotment of the land and alienation of the land shall be subject to Govt. orders issued in this regard.
2. The wind power project shall be established in the specified area as decided by NREDCAP.
3. The wind power project allotted now is as per the Wind power policy announced by the Govt. of A.P. vide G.O.Ms.No.48 dated 11.04.2008 and G.O.Ms.No.99 dated 09.09.2008 of Energy (RES) department.
4. In case of private lands, the company shall make its own arrangements for procurement of land, subject to approval of the area of operation by NREDCAP
5. The Company shall install wind turbines, so as not to affect the performance of the other wind turbines and maintain safety standards in consultation with NREDCAP.
6. The company may explore the possibility of installing higher capacity Wind Electric Generators to achieve higher plant load factor.
7. The company shall install the Wind Electric Generators under the project, which are having the approval of Centre for Wind Energy Technology (C-WET)
8. No second hand or used wind turbines, imported from abroad or procured locally shall be installed.
9. If there is any change in the proposal submitted along-with the application, the same shall be brought to the notice of NREDCAP and approval shall be obtained for such changes.
10. The wind farm developer should ensure that the wind mill generate grid quality power with power factor not less than 0.85 and should draw minimum reactive power

Contd..3

11. The Company shall abide by the regulations of the Andhra Pradesh Electricity Regulatory Commission (APERG). The proceedings issued by APERC from time to time shall be followed.
12. The company shall enter into Power Purchase Agreement with DISCOMs in respect of Wind Power capacities set up in Government and Forest areas as per the policy of the Govt. in this regard from time to time. In case of wind power capacities set up in private land, the developer shall enter into Power Purchase Agreement or Open Access Agreement or Wheeling Agreement with DISCOMs as per policy decided by the Govt.
13. The company shall pay Rs.1.50 Lakhs per Megawatt as sanction fee to NREDCAP at the time of entering into agreement.
14. The company shall obtain all clearances necessary for installation of wind electric Generators in accordance with statutory provisions, guidelines issued by the Government of India and the Government of Andhra Pradesh from time to time.
15. The company shall complete the financial closure within a period of six months from the date of signing of the Agreement or before such extensions as may be accepted and granted by the NREDCAP on request by the company on account of delays in obtaining all necessary consents, licenses, authorizations and clearances required from the Government of Andhra Pradesh and Government of India.
16. The company shall execute the work as per terms of the allotment letter and complete within 18 months from the date of achieving the financial closer. In case, the company fails to execute the work within the stipulated time, NREDCAP will recommend to Govt. for the resumption of land and the project allotment will be cancelled.
17. At the time of land allotment, the company shall give a schedule of execution of the project. The project must be commissioned within a period of two years from the date of this agreement. The company shall provide an irrevocable bank guarantee of Rs.2,00,000/- (Rupees Two lakhs only) per megawatt in case of Govt. lands and Rs.1,00,000/- (Rupees One lakh only) per MW in case of private lands, at the time of agreement, valid for a period of two years (24 months) or a demand draft drawn in favour of NREDCAP, payable at Hyderabad for an equivalent amount in lieu of Bank guarantee, at the time of agreement. The amount will be adjusted against penalties imposed, if any, due to delay in execution of the project.

18. If the company fails to complete the project as per agreed schedule, the penalties will be imposed as per the terms of the agreement and if the project is not commissioned as per the schedule, all permissions including the allotment of land would stand automatically cancelled and the bank guarantee given by the company will be encashed.
19. The company shall permit the other wind developers to use the roads and other infrastructure facilities if any on the allotted land and also provide infrastructure and other facilities for conveyance and for transmission of power necessary in that area.
20. The company shall permit the officers of the New and Renewable Energy Development Corporation of A.P. Ltd / Government of Andhra Pradesh / Government of India for inspection/verification.
22. The company shall prepare an action plan in detail for completion of wind power project allotted within a target period of 2 years and communicate the action plan for each item of work within 3 months from the date of signing of agreement. The company shall submit quarterly progress reports for each quarter ending March, June, September and December. The progress will be reviewed by NREDCAP, based on quarterly report regularly. Based on progress of works against set mile stones, NREDCAP may consider for reduction of Bank guarantee and accordingly to release the proportionate bank guarantee.

The receipt of the letter may be acknowledged.

Sd/-


**V.C & MANAGING DIRECTOR**

To

M/s Axis Wind Farms (Vajrakarur) Pvt. Ltd.  
Plot No.119A, Phase-A, Journalist Colony,  
Jubilee Hills, Hyderabad 500 033

Copy to M/s. Axis Wind Energy Ltd, Hyderabad for information.  
Copy to Chairman and Managing Director, APCPDCL, Mint Compound, Hyderabad.  
Copy to the Chief Engineer, IPC, AP Power Coordination Committee, AP TRANSCO, Hyderabad.  
Copy to the District Collector, Anantapur Dist.  
Copy to the Executive Engineer (RE), NREDCAP, Anantapur Dist

// Forwarded:: By order//

  
Dy. General Manager (T)



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**ఆంధ్రప్రదేశ్ నూతన మరియు పునరుద్ధరణీయ ఇంధన వనరుల అభివృద్ధి సంస్థ లి.**  
**New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.**

(A State Government Company - ISO 9001:2015 Certified)

Regd. Office : # 5-8-207/2, Pishgah Complex, Nampally, Hyderabad - 500 001, India.

Tel : Off : 040-23202391, 23202262, 23203376 Fax : 040-23201666.

E-mail : info@nredcap.in, Website : www.nredcap.in



Ref:- NREDCAP/WE/Axis/Vajrakarur/2017

Dt.16.09.2017

**PROCEEDINGS**

Sub: Wind Power Projects - Change of location of project for 50.40 MW capacity from Vajrakarur, Ananthapuramu district to Pottipadu North, Ananthapuramu district- Orders issued - Reg

Ref: 1. T.O. Lr. No, NREDCAP/WE/Axis/Vajrakarur/2011, Dt:24.09.2011

2. Agreement entered 24.09.2011

3. Lr. No. AWF(V)PL/044/2017-18, Dt: 13.09.2017 of M/s Axis Wind Farms (Vajrakarur) Private Limited.

4. G.O. Rt No.61, Dt.24-3-2011 of Energy (RES) Dept, GOAP, Hyderabad.

& & &

In the reference 1<sup>st</sup>, & 2<sup>nd</sup> cited, 300MW capacity wind power project allotment was made to M/s Axis Wind Farms (Vajrakarur) Private Limited to set up at Vajrakarur, Ananthapuramu district.

In the reference 3<sup>rd</sup> cited, M/s Axis Wind Farms (Vajrakarur) Private Limited has requested for change of location for 50.40MW Capacity from Vajrakarur to Pottipadu North, Ananthapuram district.

Taking into consideration of request made by M/s Axis Wind Farms (Vajrakarur) Private Limited, permission is hereby accorded to change the project location from Vajrakarur to Pottipadu North, Ananthapuram district for 50.40 MW wind power project.

Hence, M/s Axis Wind Farms (Vajrakarur) Private Limited, is requested to take necessary action for establishment of 50.40MW capacity wind power project. The other terms and conditions of the agreement signed remains unaltered. The Company has agreed to pay charges @ Rs.50000/-per MW for 50.40 MW towards transfer of project location on commissioning of wind power project as per the provisions of Project Implementation Agreement (PIA) signed with GOAP and Project Agreement signed with NREDCAP.

Sd/-

VC & MANAGING DIRECTOR

To

M/s Axis Wind Farms (Vajrakarur) Private Limited  
PMR Plaza, Plot No. 3, H. No. 6-3-680/8/3, 2<sup>nd</sup> floor,  
Thakur Mansion Lane, Somajiguda,  
HYDERABAD- 500 082.

CC to the DM/NREDCAP/Ananthapuram Districts.

//FBO//

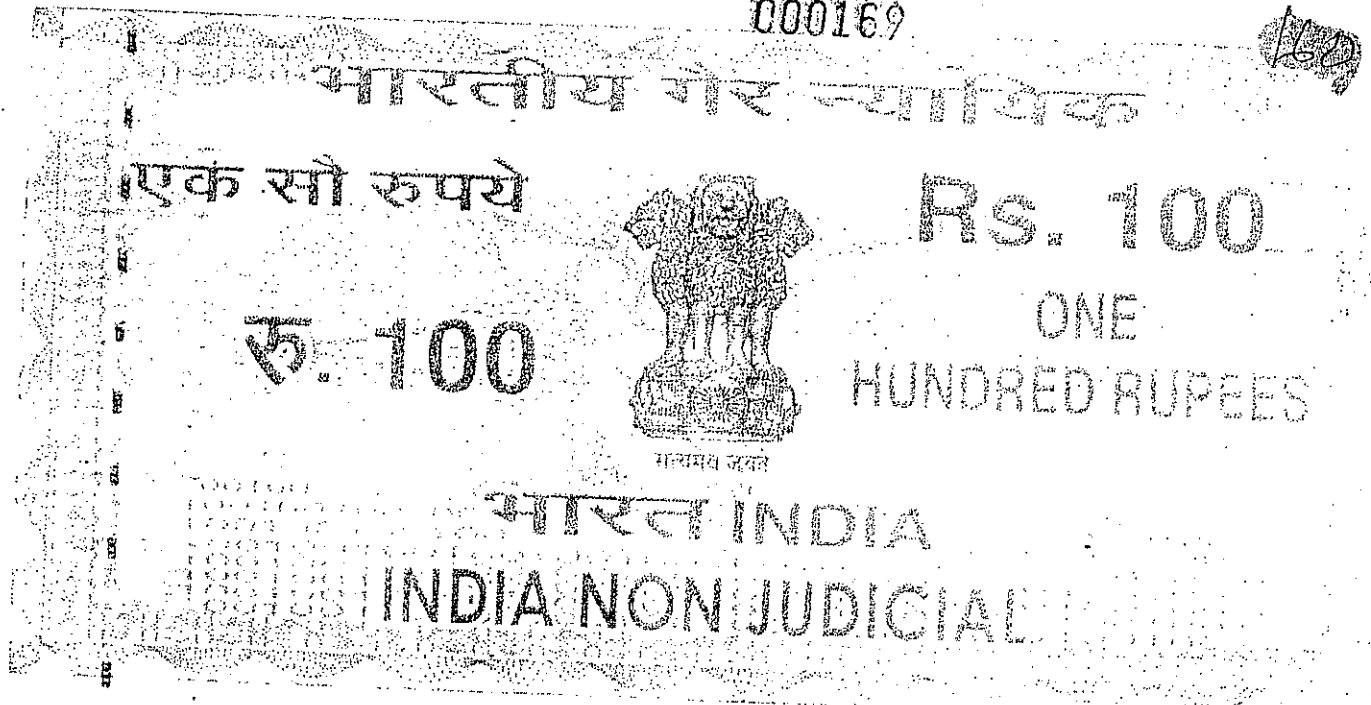
PROJECT DIRECTOR (WE)

"Energy is Life - Conserve it"

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Annexure No. 1

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ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

10 SEP 2011 AR 787778

S.No. 4358 Dt. 16-09-2011. Rs.100/-  
 Sold to: Satya S/o. Suryanarayana, R/o. Hyd.  
 For whom: Axis Wind Farms (VAJRAKARUR) Private Limited.

MOHD. TAHA  
 Licenced Stamp Vendor  
 L. No.16-10-45/99, R.No.16-10-15  
 S.No.11-2-799/1, Habeeb Nagar,  
 Nampally, Hyderabad - (South) D  
 Cell No.9246360720

AGREEMENT

THIS AGREEMENT is entered into on this 24<sup>th</sup> day of September, 2011 at Hyderabad, by and between.

**New and Renewable Energy Development Corporation of Andhra Pradesh Ltd.**, a fully owned State Government Company, registered under the Companies Act, 1956, having its office at 5-8-207/2, Pishgah Complex, Nampally, Hyderabad 500 001 (India), represented by its Vice Chairman-cum-Managing Director, hereinafter referred to as the '**NREDCAP**' which expression shall, unless it be repugnant to the context or meaning thereof, include its administrators, successors and assigns; of **the FIRST PART,**

AND

**M/s Axis Wind Farms (VAJRAKARUR) Pvt. Ltd**, a company incorporated under the Companies Act, 1956 having its registered office at 6-3-787, Flat No.403, Shaili Estates, Royal, Pavillion, Next to RBI Qtrs, Ameerpet, Hyderabad - 500 016, represented by its Authorised Signatory, Sri K. Ravi Kumar Reddy, Director hereinafter referred to as the '**Developer and/or SPV**' which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators and permitted assigns, of the **SECOND PART,** along with

For Axis Wind Farms (Vajrakarur) Pvt. Ltd

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

Contd..2

*[Signature]*

*[Signature]*

Director

Vice Chairman & Managing Director

AXIS WIND ENERGY LTD

M/s. Axis Wind Energy Ltd., a company incorporated under the Companies Act, 1956 having its registered office at 6-3-787, Flat No.403, Shaili Estates, Royal, Pavillion, Next to RBI Qtrs, Ameerpet, Hyderabad – 500 016, represented by its Authorised Signatory, Sri K.Ravi Kumar Reddy, Director, hereinafter referred to as the '**Confirming Party**' which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators and permitted assigns.

The NREDCAP and the Developer are severally referred to as the Party and collectively as Parties and the term 'Developer' wherever the context requires shall include the Confirming Party.

**WHEREAS,**

A. NREDCAP is the Nodal Agency for approval of wind energy projects upto 20 MW capacity and, therefore, for setting up of wind farms in the Potential Areas in the State of Andhra Pradesh as per the guidelines of the Ministry of New and Renewable Energy (MNRE), Government of India and also the guidelines under the New Wind Power Policy of the Government of Andhra Pradesh GOAP) notified through GO MS No.48, Energy (Res) Department, dated 11-04-2008 (hereinafter called the 'Policy') as well. For the projects with more than 20 MW capacity, the GOAP grants clearance on the recommendations of NREDCAP. The Policy, inter-alia, aims at encouraging optimum utilization of the available wind power potential in the State by facilitating adoption of state of art technology through private participation, balancing the interest of the customers and the developers, permitting the developers for using the power produced for captive consumption or making sale to a third party or to DISCOMs as per the guidelines under the Policy, and the Indian Electricity Act 2003 and the rules and regulations made and the directions issued by GOAP there under. Under the Policy the Developer is also eligible for certain incentives and concessions.

B. Under the Policy the Eligible Developers have to approach NREDCAP with the prescribed application for allotment of wind power capacity allotment in the potential areas. After due consideration of the eligibility and other factors, NREDCAP sanctions the capacity in favour of the applicant duly specifying the terms and conditions of sanction. On fulfillment of the conditions of the sanction, the Developer has to approach the Government/District Collector in case the potential area is located in the government lands for allotment of land as recommended by NREDCAP, and in case the potential area is located in private lands, the Developer shall acquire the land from the owners.

C. The Confirming Party has submitted an application on 25<sup>th</sup> October,2010, for allotment of 300 MW capacity at VAJRAKARUR site in Anantapur District (hereinafter called the 'Area'). NREDCAP has issued Provisional Allotment Letter No.NEDCAP/WE/Axis/2011 /315 Dt.6.5.2011 stipulating certain conditions for issue of sanction letter and execution of the Agreement. The confirming party has

M/s. Axis Wind Energy Ltd., Hyderabad, India.

For New & Renewable Energy Development Contd..3  
Corporation of Andhra Pradesh Ltd

W.F.

Director

Vice Chairman & Managing Director

has represented that they have floated an exclusive company by name M/s Axis Wind Farms (Vajrakarur) Pvt. Ltd otherwise called Special Purpose Vehicle (SPV) for execution of the Project wherein on the date of incorporation of the SPV they subscribed for almost total equity share of the SPV, and the said company and the SPV having fulfilled the conditions of the above mentioned provisional allotment, requested for execution of the Agreement in the name of the SPV duly transferring the allotment in the name of the SPV and furnished appropriate resolutions of their respective Boards therefor. NREDCAP having considered the request of the Confirming Party, and the SPV, issued sanction letter No. NREDCAP/WE/Axis/Vajrakarur /2011 Dated 24-09-2011 transferring the allotment of 300.00 MW capacity wind power project in Vajrakarur site in Anantapur District (hereinafter called the 'Project) in the name of the SPV, for generation stipulating the terms and conditions therefor and for entering into this Agreement. subject to the condition that the Confirming Party shall hold a minimum of 26% in the subscribed and paid up equity capital of the SPV till after one year from the date of commissioning the Project

**NOW THEREFORE THIS AGREEMENT WITNESSETH AS FOLLOWS:**

**ARTICLE 1  
DEFINITIONS AND INTERPRETATION**

**1.1 Definitions**

In this Agreement, the words and expressions, unless and otherwise defined or described herein, shall, unless repugnant to the context or meaning thereof, have the meaning assigned in the Andhra Pradesh Electricity Reforms Act 1998 (APERCA Act), the Indian Electricity Act 2003 and GO MS. No. 48, Energy (RES) Department, dated 11-04-2008.

**1.2 Public Interest**

The Sanction of Allotment, Development, Operation and Maintenance of the Project is in public interest.

1.3 Recitals shall form part of the Agreement.

**ARTICLE 2  
GRANT OF ALLOTMENT**

**2.1 ESSENCE OF TIME**

As the Project Implementation is as per a pre-decided time schedule, the Developer shall ensure that the Project is executed within the Project Implementation Period, to be specific on or before the COD.

**2.2 Sanction of Allotment of Capacity**

Subject to and in accordance with the terms and conditions set forth in this Agreement and the Developer undertaking to observe and perform the covenants, obligations, responsibilities, terms and conditions of the Agreement NREDCAP hereby sanctions setting up by the Developer of

For Axis Wind Farms (Vajrakarur) Pvt. Ltd.

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd. **Contd..4**

u.r

Director

u.r  
Vice Chairman & Managing Director

Wind Farm Project in the identified Potential Area at Vajrakarur of Anantapur District for generation of 300.00 MW capacity of wind power for *commercial use (sale)*.

### 2.3 Financing

The Developer shall set up and operate the Project with its own finance. There shall be no financial contribution from NREDCAP.

### 2.4 Applicability of other Laws

The sanction of the Project and its development and operation by the Developer shall be subject to the Indian Electricity Act 2003 and the Rules and Regulations made thereunder from time to time; the Regulations and directions of the Andhra Pradesh Electricity Regulatory Commission (APERC); the Policy as amended from time to time and all other Applicable Laws.

### 2.5 Sanction Fee

The sanction fee paid by the Developer in terms of the sanction letter for entering this Agreement is one-time payment and non-refundable.

### 2.6 Facilitation by NREDCAP

NREDCAP may assist the Developer in securing the required clearances for the Project at the State and Central Government levels and grant of loans by IREDA/PFC/REC and other terms loan Agencies/Commercial Banks without any liability of whatever nature in the event of rejection or delayed issue of such clearances by the relevant agencies. However, this could not be binding on NREDCAP.

### 2.7 Regulation of Allotment

The Policy empowers NREDCAP to regulate the allotment of wind power generation projects.

## ARTICLE 3

### LAND ALLOTMENT

#### 3.1 Allotment of Government Land

(a) The Developer shall make an application to Government of Andhra Pradesh/District Collector through NREDCAP to the extent of the land required in case the land where the Project is being set up is Government land with reference to the extent required vis-a-vis the capacity allotted.

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For New & Renewal Energy Development  
Commission of Andhra Pradesh Ltd

Chairman, NREDCAP

(b) The Developer shall submit a micro-siting map to NREDCAP duly indicating the extent of land along with survey number details. After due scrutiny and vetting of the micro siting map, NREDCAP will recommend the proposal to the District Collector to consider allotment of land for the Project. The extent area of approved could be same or different from the area sought by the developer as per the micro siting map submitted by the developer within the same potential area as per the MNRE guidelines and the decision of NREDCAP shall be final and binding. NREDCAP shall not be responsible nor shall it be liable for non-allotment of the land by the Government for whatever reasons.

### 3.2 Private Land

Where the Project proposed to be set up is in a private land, the Developer shall make its own arrangements for procurement of land, subject to approval of the area of operation by NREDCAP.

### 3.3 Proportionate Allotment

(a) The Developer is aware that the capacity allotment in the potential areas is based on the wind power potential estimated in the micro survey reports prepared by the C-WET or NREDCAP and that the wind power potential assessment made either by C-WET or NREDCAP is only an estimate on broad basis and actual potential may be higher or lower than the estimation made.

(b) In all such cases of variation, NREDCAP shall have the right as under and the Developer hereby undertakes to abide by the decision of NREDCAP therefor.

(i) In cases where the actual potential is less than the capacity provisionally allotted based on the estimated capacity, NREDCAP shall have the right, without any liability of whatever nature, to allot the land, government or private, proportionately among the various project developers in the same Area based on the actual potential at the site, and

(ii) In case where the actual potential is higher than the provisionally allotted capacity, the provisionally allotted capacity will remain the same and the land, government or private, will accordingly be allotted proportionally with reference to the actual capacity among the various project development in the same area and any surplus land left over in the area will be allotted to the new developers.

## ARTICLE 4

### PROJECT COMPLETION AND OPERATION

#### 4.1 Project Completion Period

The Project Completion shall be within 24 months from the date of the Agreement that includes the time required for securing all the Applicable Clearances, Approvals etc., and for Financial Closure. At the time of land allotment, the Developer shall submit to NREDCAP a Project Completion Schedule with set timelines for each component for approval of and monitoring by NREDCAP.

For Axis Wind Farms (Vajrakarur) Pvt. Ltd.

*W.T.*

Director

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

*W.T.*

Vice Chairman & Managing Director

Contd..6

*W.T.*

ENERGY LIMITED

For Axis W

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#### 4.2 Delays in Project Completion

(a) In case of any delay in achieving the timelines under any of the components as per the approved Project Completion Schedule the Developer shall pay to NREDCAP a penalty by way of liquidated damages Rs.40,000 (Rupees forty thousand only) in case the Project is being set up in Government land; and Rs.20,000 (Rupees twenty thousand only) in case the Project is being set up in private land, for each 15 days delay or fraction thereof provided such delay shall not extend beyond three months. The said liquidated damages shall be payable by the Developer within such time as may be stipulated in the Notice.

(b) In the event of Developer failing to pay the amount under Clause (a) above within the stipulated time, the Performance Guarantee will be invoked for the equivalent amount, in which case the Developer shall replenish the invoked amount or shall submit a fresh Guarantee within 7 (Seven) days from the date of such invocation. Failure to do so, shall be an event of default and notwithstanding anything contained in the Agreement and without prejudice to its rights and entitlements NREDCAP will have if any under the Agreement, the Agreement shall stand terminated without any further notice of whatever nature and the Developer hereby consents for the same.

(c) If the Project is not completed even within the aforesaid three months beyond the schedule date of completion, notwithstanding anything contained in the Agreement, the Agreement shall stand terminated at the instance of the Developer without any requirement of issue of any prior notice of whatever nature and the Performance Guarantee shall also stand forfeited. All Clearances, Approvals and Permissions etc., since secured by the Developer shall become inoperative subject to the terms and conditions of issue of such Clearances, and the allotment of land shall also stand withdrawn and resumed.

(d) NREDCAP or the appropriate authority, on a representation made by the Developer, may grant extension of time for completion of the Project on reasonable and justifiable grounds as in the cases of delay in handing over of the land by the District Collector in spite of sincere approach for the same by the Developer or acquiring the land due to Force Majeure event or any other legal issues or administrative regulations of the Government or any other valid reasons of which the NREDCAP or the appropriate authority consider appropriate and fit. However, such extension shall not be more than 12 months in case of private or Govt. land and or more than 36 months in case of forest lands

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd

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12/1/2017

Director

Chairman & Managing Director



## ARTICLE 5 PERFORMANCE GUARANTEE

- (a) For due and satisfactory performance of its obligations under the Agreement, M/s Axis Wind Energy Ltd (Confirming Party) has submitted the irrevocable Bank Guarantee towards performance guarantee No.00080100006160 Dated **23.09.2011**, for **Rs.3,00,00,000** (Rupees Three Crores Only only) issued by Axis Bank Ltd, Hyderabad valid upto 19.12.2013, on behalf of the Developer.
- (b) In all cases where the Project is not completed within twenty four months and the Agreement is not terminated for whatever reasons including extension of time by levying penalties as in Article 4 above or for any other reasons as provided in the Agreement, it shall be the responsibility of the Developer to get the Bank Guarantee extended within 7 (seven) days of expiry of 24 months, failing which the Agreement shall be deemed to have expired or to have been terminated at the end of the 24<sup>th</sup> month irrespective of the progress in the Project Completion made.
- (c) The Performance Guarantee will be invoked for any defaults of the Developer and/or towards any dues to NREDCAP as stipulated herein above and also as provided in the Agreement.
- (d) NREDCAP, on an application made by the Developer, may consider releasing proportionate amount of Performance Guarantee based on the substantial progress made in the Project Completion. The decision of NREDCAP in the matter of 'substantial progress' and the quantum of amount to be released shall be final and binding on the Developer and no correspondence from the Developer in this regard shall be entertained.

## ARTICLE 6 OBLIGATIONS OF DEVELOPER

6. In addition to and not in derogation or substitution of any of the obligations set out elsewhere in this Agreement, the Developer shall as mandatory obligation-
- Director
- (a) set up the Project in the specified and demarcated site of the Area.
  - (b) ensure that the wind turbines installed shall not affect the performance of the other wind turbines and maintain safety standards in consultation with NREDCAP.
  - (c) explore the possibility of installing higher capacity Wind Electric Generators to achieve higher plant load factor and that the Wind Electric Generators under the project having the approval of C-WET shall only be installed.
  - (d) ensure that no second hand or used wind turbines, imported from abroad or procured locally shall be installed.

For Axis Wind Farms (Vajrakarur) Pvt. Ltd.

Director

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

Vice Chairman & Managing Director

Contd..8

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- (e) report to NREDCAP if there is any change in the proposal submitted along-with the application, and obtain prior written approval of NREDCAP for such changes.
- (f) ensure that the wind mill generate grid quality power with power factor not less than 0.85 and should draw minimum reactive power.
- (g) enter into the Power Purchase Agreement with DISCOMs in respect of wind power capacity set up in Govt. and Forest lands, in terms of the Policy and the orders and/or guidelines of the Government of Andhra Pradesh issued hereunder and also the Indian Electricity Act 2003 and the rules and regulations made thereunder, from time to time. In case of wind power capacities set up in private land, the developer shall enter into Power Purchase Agreement or Open Access Agreement or Wheeling Agreement with DISCOMs as per policy decided by the Govt..
- (h) secure and keep in force at all times all Applicable Clearances, Permits, Sanctions, Approvals and No Objection Certificates necessary for setting up of the Project including installation of Wind Electric Generators under the Applicable Laws from the Relevant Authorities.
- (i) achieve the Financial Closure within a period of six months from the date of signing of the Agreement or earlier thereto subject to any extension granted in writing by NREDCAP at the request of the Developer either due to delays in securing the Clearances etc. under Clause (i) above or due to any Force Majeure Event. Any extension so granted by NREDCAP shall not ipso-facto extend the Project Completion Period.
- (j) permit the other wind developers to use the roads and other infrastructure facilities if any on the allotted land and also provide infrastructure and other facilities for conveyance and for transmission of power necessary in that area.
- (k) ensure in case of company, the shareholder having highest equity in the paid up capital of the company shall continue to hold the same and in any case not less than 26% /in case of Partnership firm the Partner holding highest stake in the Firm shall continue as such minimum period of one year after commissioning of the project. This will not be applicable in respect of manufacturers and suppliers of machinery for transfer of capacity once the development is made at the site. No change in the shareholding pattern / the Parties stake in the Firm shall be made without the written approval of NREDCAP. However, the Developer is allowed to sell projects/sub-projects to their customers after development of site with infrastructure including the power evacuation arrangements.

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd. Contd..9

Vice Chairman & Managing Director

- (l) ensure that the Project Site remains free from all encroachments and take all steps necessary to remove encroachments, if any;
- (m) make payment to any Government Agency, if required, for provision of such services as are not provided in the normal course or are available only on payment;
- (n) operate and maintain the Project at all times during the Operations Period in conformity with this Agreement including but not limited to the Specifications and Standards, and Good Industry Practice and as per the orders/guidelines of the Government of Andhra Pradesh under the Policy; and the Indian Electricity Act 2003 and the rules and regulations made thereunder from time to time.
- (o) keep and maintain the Project Site in a neat and clean and hygienic condition and in conformity with the Applicable Laws and Applicable Permits;
- (p) comply with all the terms and conditions and satisfactorily performance of all its obligations stipulated under this Agreement in addition to such other obligations and undertakings under the provisions of the land allotment and PPA.
- (q) alone be responsible for all or any risks of whatever nature attached or inherent to development, construction, marketing, operation of and investment in the Project.
- (r) report to NREDCAP of any default notices issued by the Relevant Authorities in matters concerning the setting up of the Project or its operation and maintenance and the remedial measures being taken/taken by it.
- (s) paid up equity capital of the SPV till one year after the commissioning of the Project and such equity holding by the Confirming Party shall not be less than the equity holding of any other shareholder of the SPV.

Director

## ARTICLE 7 PROJECT COMPLETION CERTIFICATE AND INSPECTIONS

### 7.1. Project Completion Certificate

The Project shall be deemed to have been completed in terms of this Agreement, only after inspection and testing and on issue of the Completion certificate by the concerned DISCOM (Power Distribution Company of Andhra Pradesh) or AP Transco (Transmission Corporation of Andhra Pradesh), as the case may be.

For Axis Wind Farms (Vajrakarur) Pvt. Ltd.

*[Signature]*

Director

For New & Renewable Energy Development  
Corporation of Andhra Pradesh Ltd.

*[Signature]*

Vice Chairman & Managing Director

Contd..10

*[Signature]*

## 7.2 Inspections

NREDCAP through its Authorised Officer/s shall have the right and similarly the officers of other departments/organizations of the Government of India or the Government of Andhra Pradesh having jurisdiction over the Project for inspection of the Project and the Developer shall permit such inspections and failure to do so by the Developer shall be a default.

## 7.3 Periodical Reports

The Developer shall submit quarterly progress reports for each quarter ending March, June, September and December for review by NREDCAP until commissioning of the Project and thereafter monthly progress reports on power generation.

## ARTICLE 8

### EVENTS OF DEFAULT AND TERMINATION

#### 8.1 Event of Default and Termination

(a) Save and except as otherwise provided in the Agreement, in case of any default of the Developer, NREDCAP shall have the right to terminate the Agreement with 30 (thirty) days advance notice.

(b) Upon Termination under Clause (a) above, NREDCAP shall have no obligation to compensate the Developer in any manner.

## ARTICLE 9

### MISCELLANEOUS

#### 9.1 Dispute Resolution

(a) Amicable Resolution

Save where expressly stated otherwise in this Agreement, any dispute, difference or controversy of whatever nature howsoever arising under, out of or in relation to this Agreement including completion or otherwise of the Project between the Parties and so notified in writing by either Party to the other (the "Dispute") in the first instance shall be attempted to be resolved amicably by the Parties

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd Contd..11

*[Signature]*  
Director

*[Signature]*  
Joint Chairman & Managing Director

(b) Appeal

In the event of the Parties not finding an acceptable solution to the dispute(s) within 30(thirty) days, the Developer may appeal to the Chairman of the Board of Directors of NREDCAP whose decision shall be final and binding.

## 9.2 Governing Law and Jurisdiction

This Agreement shall be construed and interpreted in accordance with and governed by the laws of India and the Courts at Hyderabad, Andhra Pradesh State, India shall have jurisdiction over all matters arising out of or relating to this Agreement.

## 9.3 Waiver

(a) Waiver by either Party of any default or any rights under the Agreement by the other Party in the observance and performance of any provision of or obligations or under this Agreement

- i. shall not operate or be construed as a waiver of any other or subsequent default hereof or of other provisions or obligations under this Agreement
- ii. shall not be effective unless it is in writing and executed by a duly authorized representative of such Party; and
- iii. shall not affect the validity or enforceability of this Agreement in any manner.

(b) Neither the failure by either Party to insist on any occasion upon the performance of the terms, conditions and provisions of this Agreement or any obligation thereunder nor time or other indulgence granted by a Party to the other Party shall be treated or deemed as waiver of such breach or acceptance of any variation or the relinquishment of any such right hereunder.

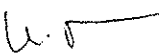
## 9.4 Amendments

This Agreement and the Schedules together constitute a complete and exclusive statement of the terms of the Agreement between the Parties on the subject hereof and no amendment or modification hereto shall be valid and effective unless agreed to by the Parties hereto and evidenced in writing.

## 9.5 Exclusion of Implied Warranties etc.

This Agreement expressly excludes any warranty, condition or other undertaking implied at law or by custom or otherwise arising out of any other agreement between the Parties or any representation by any Party not contained in a binding legal agreement executed by the Parties.

For Axis Wind Farms (Vajrakarur) Pvt. Ltd.



Director

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd. Contd..12



Vice Chairman & Managing Director



9.6 Counterparts

This Agreement shall be executed in two counterparts on non-judicial papers of Rs.100/- each and registered if required under law at the cost and expense of the Developer which when executed and delivered shall constitute an original of this Agreement

IN WITNESS WHEREOF THE, PARTIES HAVE EXECUTED AND DELIVERED THIS AGREEMENT AS OF THE DATE FIRST ABOVE WRITTEN.

For New & Renewable Energy Development Corporation of Andhra Pradesh Ltd



Signed, Sealed and Delivered For and on behalf of Developer by:

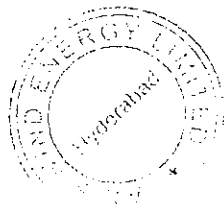
Signature of Authorised Person (Name) K. P. ... (Designation) ... (Seal)

Signed, Sealed and Delivered For and on behalf of the NREDCAP

Signature of Authorised Person (Name) (Designation) (Seal)

Signed, Sealed and Delivered For and on behalf Confirming Party by

Signature of Authorised Person (Name) ... (Designation) ... (Seal)



Witnesses

In the presence of

1) Signature Name Address

2) Signature K. Kiran Kumar (Name) K. KIRAN KUMAR REDDY. (Address) 6-3-787, FLAT-403, SHARLI ESTATES, KANAK PAVILION, AMBERPET, HYDRABAD-16



Based on the approval of the Government, and having considered the request of M/s. Axis Wind Energy Limited, the allotment of 300.00 MW capacity wind power project capacity at VAJRAKARUR, Anantapur District for generation of power on commercial basis is hereby transferred in the name of M/s. Axis Wind Farms (Vajrakarur) Pvt. Ltd, subject to the condition that M/S Axis Wind Energy Ltd shall continue to hold a minimum of 26% of the subscribed and paid up equity capital of the SPV till after one year from the date of commissioning of the Project. and that the equity holding of M/S Axis Wind Energy Ltd shall also be higher than the equity holding of any other equity shareholder of the SPV.

The allotment is accorded subjected to the following conditions.

1. The allotment of the land and alienation of the land shall be subject to Govt. orders issued in this regard.
2. The wind power project shall be established in the specified area as decided by NREDCAP.
3. The wind power project allotted now is as per the Wind power policy announced by the Govt. of A.P. vide G.O.Ms.No.48 dated 11.04.2008 and G.O.Ms.No.99 dated 09.09.2008 of Energy (RES) department.
4. In case of private lands, the company shall make its own arrangements for procurement of land, subject to approval of the area of operation by NREDCAP
5. The Company shall install wind turbines, so as not to affect the performance of the other wind turbines and maintain safety standards in consultation with NREDCAP.
6. The company may explore the possibility of installing higher capacity Wind Electric Generators to achieve higher plant load factor.
7. The company shall install the Wind Electric Generators under the project, which are having the approval of Centre for Wind Energy Technology (C-WET)
8. No second hand or used wind turbines, imported from abroad or procured locally shall be installed.
9. If there is any change in the proposal submitted along-with the application, the same shall be brought to the notice of NREDCAP and approval shall be obtained for such changes.
10. The wind farm developer should ensure that the wind mill generate grid quality power with power factor not less than 0.85 and should draw minimum reactive power

Contd..3



11. The Company shall abide by the regulations of the Andhra Pradesh Electricity Regulatory Commission (APERC). The proceedings issued by APERC from time to time shall be followed.
12. The company shall enter into Power Purchase Agreement with DISCOMs in respect of Wind Power capacities set up in Government and Forest areas as per the policy of the Govt. in this regard from time to time. In case of wind power capacities set up in private land, the developer shall enter into Power Purchase Agreement or Open Access Agreement or Wheeling Agreement with DISCOMs as per policy decided by the Govt.
13. The company shall pay Rs.1.50 Lakhs per Megawatt as sanction fee to NREDCAP at the time of entering into agreement.
14. The company shall obtain all clearances necessary for installation of wind electric Generators in accordance with statutory provisions, guidelines issued by the Government of India and the Government of Andhra Pradesh from time to time.
15. The company shall complete the financial closure within a period of six months from the date of signing of the Agreement or before such extensions as may be accepted and granted by the NREDCAP on request by the company on account of delays in obtaining all necessary consents, licenses, authorizations and clearances required from the Government of Andhra Pradesh and Government of India.
16. The company shall execute the work as per terms of the allotment letter and complete within 18 months from the date of achieving the financial closer. In case, the company fails to execute the work within the stipulated time, NREDCAP will recommend to Govt. for the resumption of land and the project allotment will be cancelled.
17. At the time of land allotment, the company shall give a schedule of execution of the project. The project must be commissioned within a period of two years from the date of this agreement. The company shall provide an irrevocable bank guarantee of Rs.2,00,000/- (Rupees Two lakhs only) per megawatt in case of Govt. lands and Rs.1,00,000/- (Rupees One lakh only) per MW in case of private lands, at the time of agreement, valid for a period of two years (24 months) or a demand draft drawn in favour of NREDCAP, payable at Hyderabad for an equivalent amount in lieu of Bank guarantee, at the time of agreement. The amount will be adjusted against penalties imposed, if any, due to delay in execution of the project.

contd..3

- 13.If the company fails to complete the project as per agreed schedule, the penalties will be imposed as per the terms of the agreement and if the project is not commissioned as per the schedule, all permissions including the allotment of land would stand automatically cancelled and the bank guarantee given by the company will be encashed.
- 19.The company shall permit the other wind developers to use the roads and other infrastructure facilities if any on the allotted land and also provide infrastructure and other facilities for conveyance and for transmission of power necessary in that area.
- 20.The company shall permit the officers of the New and Renewable Energy Development Corporation of A.P. Ltd / Government of Andhra Pradesh / Government of India for inspection/verification.
- 22.The company shall prepare an action plan in detail for completion of wind power project allotted within a target period of 2 years and communicate the action plan for each item of work within 3 months from the date of signing of agreement. The company shall submit quarterly progress reports for each quarter ending March, June, September and December. The progress will be reviewed by NREDCAP, based on quarterly report regularly. Based on progress of works against set mile stones, NREDCAP may consider for reduction of Bank guarantee and accordingly to release the proportionate bank guarantee.

The receipt of the letter may be acknowledged.

Sd/-

**V.C & MANAGING DIRECTOR**

To

M/s Axis Wind Farms (Vajrakarur) Pvt. Ltd.  
Plot No.119A, Phase-A, Journalist Colony,  
Jubilee Hills, Hyderabad 500 033.

Copy to M/s. Axis Wind Energy Ltd, Hyderabad for information.  
Copy to Chairman and Managing Director, APCPDCL, Mint Compound, Hyderabad.  
Copy to the Chief Engineer, IPC, AP Power Coordination Committee, AP TRANSCO, Hyderabad.  
Copy to the District Collector, Anantapur Dist.  
Copy to the Executive Engineer (RE), NREDCAP, Anantapur Dist

// Forwarded:: By order//

Dy.General Manager (T)

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ఆంధ్రప్రదేశ్ సూతన మరియు పునరుద్ధరణ సంస్థ లి.  
New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

(A State Government Company - ISO 9001:2015 Certified)

Regd. Office : # 5-8-207/2, Pishah Complex, Nampally, Hyderabad - 500 001, India.  
Tel : Off : 040-23202391, 23202262, 23203376 Fax : 040-23201666.  
E-mail : info@nredcap.in, Website : www.nredcap.in



Ref:- NREDCAP/WE/Axis/Vajrakarur/2017

Dt.16.09.2017

PROCEEDINGS

Sub: Wind Power Projects - Change of location of project for 50.40 MW capacity from Vajrakarur, Ananthapuramu district to Pottipadu North, Ananthapuramu district- Orders issued - Reg

- Ref: 1. T.O. Lr. No. NREDCAP/WE/Axis/Vajrakarur/2011, Dt:24.09.2011  
2. Agreement entered 24.09.2011  
3. Lr. No. AWF(V)PL/044/2017-18, Dt: 13.09.2017 of M/s Axis Wind Farms (Vajrakarur) Private Limited.  
4. G.O. Rt No.61, Dt.24-3-2011 of Energy (RES) Dept, GOAP, Hyderabad

& &

In the reference 1<sup>st</sup>, & 2<sup>nd</sup> cited, 300MW capacity wind power project allotment was made to M/s Axis Wind Farms (Vajrakarur) Private Limited to set up at Vajrakarur, Ananthapuramu district.

In the reference 3<sup>rd</sup> cited, M/s Axis Wind Farms (Vajrakarur) Private Limited has requested for change of location for 50.40MW Capacity from Vajrakarur to Pottipadu North, Ananthapuram district.

Taking into consideration of request made by M/s Axis Wind Farms (Vajrakarur) Private Limited, permission is hereby accorded to change the project location from Vajrakarur to Pottipadu North, Ananthapuram district for 50.40 MW wind power project.

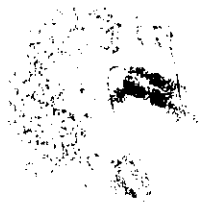
Hence, M/s Axis Wind Farms (Vajrakarur) Private Limited, is requested to take necessary action for establishment of 50.40MW capacity wind power project. The other terms and conditions of the agreement signed remains unaltered. The Company has agreed to pay charges @ Rs.50000/-per MW for 50.40 MW towards transfer of project location on commissioning of wind power project as per the provisions of Project Implementation Agreement (PIA) signed with GOAP and Project Agreement signed with NREDCAP.

Sd/-  
VC & MANAGING DIRECTOR

To  
M/s Axis Wind Farms (Vajrakarur) Private Limited  
PMR Plaza, Plot No. 3, H. No. 6-3-680/8/3, 2<sup>nd</sup> floor,  
Thakur Mansion Lane, Somajiguda,  
HYDERABAD- 500 082.  
CC to the DM/NREDCAP/Ananthapuram Districts.

//FBO//

PROJECT DIRECTOR (WE)



AEVIPL/001/2017-18  
Date: 10.04.2017

To  
The Vice-Chairman & Managing Director,  
New & Renewable Energy Development  
Corporation of Andhra Pradesh Limited,  
Pisgah Complex, Nampally,  
Hyderabad.



Dear Sir,

**Sub:** Implementation of 4000 MW wind power projects to be set up by M/s Axis Energy Ventures India Pvt Ltd and M/s Suzlon Energy Limited as per PIA entered with Government of Andhra Pradesh -**Request for signing of PPAs for FY 2017-18-**Regarding.

**Ref:** 1. Project Implementation Agreement entered with Government of Andhra Pradesh, dated 11.01.2016.  
2. Project Agreement entered with NREDCAP, dated 03.02.2016.  
3. Project Implementation Agreement entered on 03.10.2016 between APDISCOMS, APTRANSCO, M/s Suzlon Energy Limited and M/s Axis Energy Ventures India Private Limited.

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We have signed a memorandum of understanding with Government of Andhra Pradesh to develop 4000 MW of Wind and 2500 MW of solar power projects in the state of A.P on the occasion of first Renewable Global Investors Meet - 2015 held on 15<sup>th</sup> February 2015 at New Delhi in the presence of Hon'ble Chief Minister of Government of Andhra Pradesh.

In G.O.Ms. No.15 Energy, Infrastructure and Investment Department dated 27.11.2015 orders were issued M/s Axis Energy Group and M/s Suzlon Energy Limited will jointly develop 4000MW renewable energy power projects for a period of 5 years and M/s Axis Energy Ventures India Pvt. Ltd and M/s Suzlon Energy Limited have jointly signed a memorandum of understanding and entered into project implementation agreement with Government of Andhra Pradesh to develop 4000 MW of renewable energy projects in the state on 11.01.2016.

In order to realize this capacities in a phased manner M/s Axis Energy Ventures India Pvt. Ltd and M/s Suzlon Energy Limited have entered into a Project Agreement with NREDCAP on 03.02.2016. Further, it is to state that the state nodal agency has to accord project

axis energy ventures india private limited

h.no. 6-3-680/3/3, plot no. 3, 2nd floor, pmr plaza, thakur mansion lane, somajiguda, hyderabad 500 082.  
tel: +91-40-2341 2312, 2341 2313, fax: +91-40-2341 2314, email: contact@axisenergy.in. www.axisenergy.in

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sanctions on the priority basis and also to facilitate necessary permissions and approvals from various departments for execution of the 4000 MW of renewable projects in the state.

In continuation of the same, we have also entered in to a Project Implementation Agreement (PIA) with APTRANSCO on 03.10.2016, wherein APTRANSCO will facilitate for evacuation of power of our projects and the State DISCOMS have undertaken to sign the Power Purchase Agreements (PPAs) for the entire 4000 MW of our Renewable Energy projects.

We also draw your kind attention to the Implementation Schedule of PIA vide reference cited (3), wherein we have committed for implementation of 4000 MW over the next Seven years and have committed to add 600MW of wind power projects and 200MW of wind Solar and Hybrid Projects for the F.Y 2017-18 in particular . The implementation schedule is also reproduced for your reference as follows.

Year	Wind Power Projects (MW)	Wind, Solar and Hybrid Projects (MW)
2016-17	600	-----
2017-18	600	200
2018-19	600	200
2019-20	600	300
2020-21	600	300
<b>Total Capacity</b>	<b>3000</b>	<b>1000</b>

As a part of the implementation plan for the F.Y 2016-17 APSPDCL has entered Power Purchase Agreements for a total capacity of 562.80 MW wind power projects only out of 600MW as per the details furnished below:-

Sl. No	Company Name	Project Name	NREDCAP Sanctioned Capacity (MW)	PE approved (MW)	PPA Signed (MW)	Capacity Commissioned (MW) FY 2016-17	Balance Capacity planned to be Commissioned June'2017 (MW)
1	Axis Wind Farms (Tirumalayapalli) Pvt Ltd.	Amidya la East	50.40	50.40	50.40	50.40	0.00
	Axis Wind Farms (Payalakuntla) Pvt Ltd.		50.40	50.40	50.40	50.40	0.00

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2	Axis Energy Ventures India Pvt. Ltd.	Amidya la West	210.00	126.00	126	88.2	37.8
3	Axis Wind Farms (Vajrakarur) Pvt. Ltd.	Vajrakarur	217.70	126.00	25.2	25.2	0.00
4	Axis Wind Farms (Anantapur) Pvt Ltd	Kuderu / PampanoorThanda	105.00	105.00	105	31.5	73.5
5	Axis Wind Farms (Rayalaseema) Pvt Ltd	Kuderu / PampanoorThanda	105.00	105.00	105		105
6	Axis Energy Ventures India Pvt. Ltd.	Beluguppa	100.80	100.80	50.4	50.4	0.00
7	Axis Renewable Energy Development Pvt Ltd	Borampalli	179.00	138.60	50.4		50.4
<b>Total</b>			<b>1018.30</b>	<b>802.2</b>	<b>562.8</b>	<b>296.10</b>	<b>266.70</b>

As we have planned for 600 MW for the F.Y 2016-17 and PPA's were entered only for 562.8 MW we request your good office to consider and recommend balance capacity of 37.2 MW for entering into PPA.

As part of the overall Implementation Plan for the F.Y 2017-18, we would also like to enter Power Purchase Agreements (PPAs) with DISCOMs for an aggregate capacity of 800 MW out of which 600MW will be wind power and the remaining 200MW will be of Wind Solar Hybrid Power Projects.

Keeping in view of the same we request your good self to recommend the DISCOMS for signing of PPA's for a total capacity of 837.2 MW (800MW+37.2 MW) including the balance capacity that is carried forward from the F.Y 2016-17.

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The details of the Projects proposed for signing of PPA's F.Y 2017-18 as per PIA are as stated below.

Sl. No.	Company Name	Project Name	Nature of Renewable Project	Connecting APTRANSCO SS	Sanctioned Capacity (MW)	Proposed PPA's FY 2017-18 (MW)	Priority
1	Axis Energy Ventures India Pvt. Ltd.	Borampalli East/ Nuthimadugu	Wind Power Project	Borampalli 220/132 kV	367.80	250.00	1
2	Axis Wind Farms (Vajrakarur) Pvt. Ltd.	Vajrakarur	Wind Power Project	Vajrakarur 220/132 kV	217.70	192.50	2
3	Axis Energy Ventures India Pvt. Ltd.	Amidyala West	Wind Power Project	400/220 KV Uravakonda-I (Connecting @ 220 kV level)	210.00	84.00	3
4	Axis Energy Ventures India Pvt. Ltd.	Beluguppa	Wind Power Project	400/220 KV Uravakonda-I (Connecting @ 220 kV level)	100.80	50.40	4
5	Axis Renewable Energy Development Pvt Ltd	Borampalli	Wind Power Project	Borampalli 220/132 kV	179.00	50.40	5
6	Axis Renewable Energy Development Pvt Ltd	Burugula, Kurnool Dt.	Wind Solar Hybrid Power Project	Boyareddipalli - Gooty 220 KV SS	100.80	100.80	6
7	NESCO Wincon Pvt.Ltd.	Dhone West	Wind Solar Hybrid Power Project	Gooty 400/220KV SS	150.00	150.00	7
<b>Total</b>					<b>1326.10</b>	<b>878.10</b>	

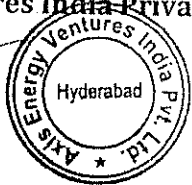


In view of the above, we request your good office to recommend DISCOMS for signing of PPAs for an aggregate capacity of 837.2MW (Balance 37.2MW for the F.Y 2016-17 + 800MW for the F.Y 2017-18) as committed in PIA vide reference cited (3) with APTRANSCO and APDISCOMS.

Thanking You

Yours truly,

For Axis Energy Ventures India Private Limited



Chairman and Managing Director

Copy to:

1. The Principal Secretary to Government, Energy, Infrastructure & Investment Department, CRDA, A.P Secretariat, Velagapudi, Amaravathi. – For your kind information and necessary action.
2. The Principal Secretary to Hon'ble Chief Minister (Energy), A.P Secretariat, Velagapudi, Amaravathi.
3. M/s. Suzlon Energy Limited, C-Block, TSR Towers, Rajbhavan Road, Somajiguda, Hyderabad.

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ఆంధ్రప్రదేశ్ ప్రభుత్వం ప్రభుత్వ సంస్థల ద్వారా నిర్వహించబడే సంస్థలు.  
New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

(A State Government Company - ISO 9001:2015 Certified)

Regd. Office : # 5-8-207/2, Pishan Complex, Nampally, Hyderabad - 500 001, India.

Tel : Off : 040-23202391, 23202262, 23203376 Fax : 040-23201666.

E-mail : info@nredcap.in. Website : www.nredcap.in



Ref: NREDCAP/WE/SUZLON/MOU/2017

Dt: 06.06.2017

To

The Pri. Secretary to Government  
Energy, I&I & CRDA  
A.P. Secretariat, 2<sup>nd</sup> building,  
Ground Floor, Velagapudi - 522 237  
Tulluru Mandal, Guntur Dist.

Sir,

**Sub:** MoU and Project Implementation Agreement (PIA) signed by Government of Andhra Pradesh, M/s Axis Energy Ventures India Private Limited and M/s Suzlon Energy Limited - Request for signing of PPA for FY 2017-18 - Regarding

- Ref:**
1. PIA entered jointly by M/s Suzlon and M/s Axis Energy Ventures India Private Limited with Government of AP on 11<sup>th</sup> January, 2016.
  2. Project Agreement entered by M/s Suzlon and M/s Axis Energy Ventures India Private Limited with NREDCAP on 03<sup>rd</sup> February, 2016.
  3. Lr No. AEVIPL/001/2017-18, dt 10.04.2017 of M/s Axis Energy Ventures India Private Limited
  4. Important decisions taken during the meeting held by the Pri. Secretary Energy, I&I Dept & CRDA on cost reduction measures in Power Sector on 16.05.2017 at Secretariat, Velagapudi

—0—

The Government of AP have signed MoU with M/s Axis Energy Ventures India Private Limited and M/s Suzlon Energy Limited for the development of 4000 MW of renewable energy power projects i.e. 3000 MW of Wind Power Projects and 1000 MW of Wind-Solar Hybrid Power Projects and manufacturing facilities. Subsequently, M/s Suzlon and Axis have also signed the Project Implementation Agreement (PIA) with Govt. of A.P. and Project Agreement with NREDCAP on 11.01.2016 and 03.02.2016 respectively.

"Energy is Life - Conserve it"

M/s Suzlon and Axis have also signed the Project Implementation Agreement (PIA) with APTRANSCO on 03.10.2016 wherein APTRANSCO will facilitate for evacuation of power of their projects and State DISCOMs have undertaken to sign PPAs for entire 4000 MW capacity. As per the PIA signed with Government of AP, the project implementation schedule is as follows:

Year	Wind Power Projects (MW)	Wind, Solar and Hybrid Projects (MW)
2016-17	600	---
2017-18	600	200
2018-19	600	200
2019-20	600	300
2020-21	600	300
<b>Total Capacity (MW)</b>	<b>3000</b>	<b>1000</b>

As a part of implementation plan for the year 2016-17, APSPDCL has entered Power Purchase Agreements for a total capacity of 562.80 MW against planned capacity of 600 MW. Out of the capacity for which PPAs were signed, 296.10 MW capacity has been commissioned and balance 266.70 MW is planned for commissioning by 30.06.2017. M/s Axis Energy Ventures vide letter 3<sup>rd</sup> cited has requested NREDCAP to recommend the DISCOMs for signing of PPAs for a total capacity of 837.20 MW comprising of balance 37.20 MW (600 MW-562.80 MW) scheduled in 2016-17 and 800 MW scheduled in 2017-18.

It is further to inform that after SECI bidding on wind energy the principal secretary to Govt, Energy convened an emergency meeting on 27-2-2017 with the officers of Energy Dept and directed not enter any PPAs further in view of the price discovered i.e., Rs. 3.46/unit through bidding by SECI (GOI).

During the meeting held on 16.05.2017 at Secretariat, Velagapudi on cost reduction measures in Power Sector, it was directed among other issues with respective promotion of wind power projects that for the companies with whom PIA has been signed, Chairman, APPCC to send a report to the Government for taking a decision and no further PPA shall be signed at any cost without specific approval of the Government.

The PIA has been signed by the Government only with M/s Suzlon Energy and M/s Axis Energy Ventures and as per the provisions of the PIA(4.1.7),

"GoAP agrees to cause the power distribution companies of Andhra Pradesh/ APPCC to execute confirmed and guaranteed Power Purchase Agreements in the prescribed format as **may be approved by APERC** and purchase the entire capacity of power generated from the Renewable Energy Projects basis at tariff determined by the Andhra Pradesh Electricity Regulatory Commission under Section 61 (h) of Electricity Act, 2003 and the terms of PPA approved by Commission from time to time".

Further, as per the Project Implementation Agreement signed by the APTRANSCO and APDISCOMs with M/s Suzlon and M/s Axis Energy Ventures dt 03.10.2016 (Clause No.4), it was mentioned as follows,

"APDISCOMs agree to execute the Power Purchase Agreement with M/s Suzlon and M/s Axis Energy Ventures as per the format attached to the PII and as may be approved by APERC and purchase the entire capacity of the power generated from the renewable energy projects at tariff determined by APERC in accordance with Section 61, Section 62 and Section 86 of Electricity Act 2003 and any regulations made there under the terms of the PPA will be approved by the Commission from time to time".

As per the Power For All document, it is proposed to develop 4150 MW wind power projects by the year 2018-19 has also indicated in the GO Ms No.15, dt 27.11.2015 of Energy, I&I(PR.II) Department wherein Government of AP approved the proposal for entering into MoU with M/s Suzlon Energy and M/s Axis Energy Ventures Ltd. Against 4150 MW capacity, so far 2872.75 MW capacity projects were commissioned upto 31.03.2017 which comprises 2737.15 MW under PPA route and 137.8 MW under Open Access route. Further, APSPDCL have signed PPAs for 555.30 MW capacity which are to be commissioned. Apart from these projects, APPCC has accorded approval for signing of another 176.40 MW. Taking into consideration of the projects commissioned and PPAs signed / approved which are to be commissioned, the total capacity would be 3468. 85 MW under PPA route and 137.80 MW under Open Access route (Total capacity – 3606. 65 MW). The balance capacity that can be considered for promotion upto 2018-19 would be 543.35 MW.

As per the PIA, M/s Suzlon Energy Ltd., have set up manufacturing facilities at Kuderu, Ananthapuram District and created employment. Further, they have committed to extend financial support upto Rs. 35 crores towards establishment of Energy University in Ananthapuramu District. Taking into consideration these factors and also provisions of PIA signed separately with GoAP and APTRANSCO / APDISCOMs, the request of M/s Axis

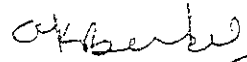
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Enacted Ventures may be considered for signing of PPA for the capacities scheduled in the year 2017-18 i.e. 837.20 MW capacity Wind Power and Wind-Solar Hybrid power projects

A decision may also be taken for the capacities proposed in the PIA for the years 2018-2021.

Thanking you,

Yours faithfully



VC & MANAGING DIRECTOR

11 TRIDE COPY 11



P.D (WE)

19/7/2017

NREDCAP

# axis

AEVIPL/061/2017-18  
Date: 16.09.2017

✓ To,  
The Vice-Chairman & Managing Director,  
New & Renewable Energy Development  
Corporation of Andhra Pradesh Limited,  
Pisgah Complex, Nampally,  
Hyderabad.



OSD,  
S. NA.

ayw  
16/9.

Dear Sir,

**Sub: M/s. Axis Energy Ventures India Pvt. Ltd., - Signing of PPAs with APSPDCL for FY2017-18 for an aggregate capacity of 600 MW. - Request for recommendation to APPCC/ APSPDCL - Regarding.**

Ref: 1. Our letter No. AEVIPL/001/2017-18, dated 10.04.2017.  
2. NREDCAP/WE/Suzlon/MOU/2017, dated 06.06.2017.

\*\*\*\*\*

Please refer our letter vide reference (1) cited above, wherein we have requested your good offices to recommend signing of Power Purchase Agreements for an aggregate capacity of 837.2 MW as per the PIAs with Government of Andhra Pradesh, NREDCAP, APTRANSCO and APDISCOMs.

In response to the same, NREDCAP vide reference (2) cited above, recommended to the Principal Secretary to the Government, Energy I&I Department, consider for signing of Power Purchase Agreements by APDISCOMs for an aggregate capacity of 837.2MW scheduled for the FY 2017-18.

Further to the above, it is understood that the Principal Secretary to Government, Energy I&I Department, Government of Andhra Pradesh directs the APDISCOMs to sign Power Purchase Agreements for 600MW with M/s. Axis Energy Ventures India Pvt. Ltd., & M/s. Suzlon Energy Ltd. for the FY 2017-18 and seek consent from the Hon'ble Andhra Pradesh Electricity Regulation Commission (APEREC) for the same.

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In this regard, we hereby propose our SPVs/Companies/Customers of project implementation for signing of Power Purchase Agreements with APDISCOMs for the FY 2017-18 for a capacity of 599.90 MW (attached herewith as Annexure-I).

Further, it is also bring to your kind notice that we have proposed to utilize the existing approved Power Evacuation capacity for our proposed power projects for the FY 2017-18. We are enclosing herewith APTRANSCO Power Evacuation approval copies for your ready reference (attached herewith as Annexure-II).

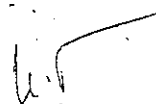
Out of 837.2 MW (800 MW of Renewable Energy projects to be implement for the FY 2017-18 and 37.2MW capacity carry forward from the FY 2016-17), 176.40 MW PPAs has already been executed and the capacity 600 MW is approved from the Principal Secretary to Government, Energy I&I Department, Government of Andhra Pradesh to execute PPAs. Further we also request you to kindly recommend for signing of balance PPAs for the capacity of 60.9MW as soon as possible to enable us to execute the projects in accordance with the PIA.

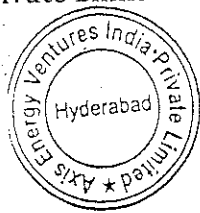
In view of the above, we request your good selves to recommend APPCC and APDISCOMs for executing Power Purchase Agreements for the capacity of 599.90 MW for FY2017-18 as per the attachment Annexure I.

Thanking You,

Yours truly,

For Axis Energy Ventures India Private Limited

  
Chairman and Managing Director



Copy submitted to:

1. The Principal Secretary to Government, Energy, Infrastructure & Investment Department, CRDA, A.P.Secretariat, Velagapudi, Amaravathi. - For kind information.
2. The Chairman of APPCC & The Chairman and Managing Director of APTRANSCO, Vidyuth Soudha, Gunadala, Eluru Road, Vijayawada.
3. The Chairman & Managing Director, APSPDCL, Tirupathi.
4. The Chairman & Managing Director, APEPDCL, Visakhapatnam.



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5. The Director (Projects), APTRANSCO, Vidyut Soudha, Gunadala, Vijayawada.
6. The Executive Director (Planning & HRD), APTRANSCO, Vidyut Soudha, Gunadala, Vijayawada.
7. The Chief Engineer (IPC), APTRANSCO, Vidyut Soudha, Hyderabad.
8. M/s. Suzlon Energy Limited, C-Block, TSR Towers, Rajbhavan Road, Somajiguda, Hyderabad.

## ANNEXURE-I

S.No	Name of SPV/Company/Customer to Execute PPA's with APSPDCL	Project Location	Proposed PPA Capacity in MW
1	M/s. Axis Wind Farms (Amidyala) Private Limited	Amidyala	50.4
2	M/s. Axis Wind Farms (Raketla) Private Limited	Amidyala	33.6
3	M/s. Axis Wind Farms (Pottipadu) Private Limited	Pottipadu North	50.4
4	M/s. Axis Wind Farms (Vajrakarur) Private Limited	Pottipadu North	50.4
5	M/s. Axis Wind Farms (Kalyandurg) Private Limited	Borampalli	50.4
6	M/s. Axis Wind Farms (Secrpi) Private Limited	Borampalli	50.4
7	M/s. Axis Wind Farms (Borampalli) Private Limited	Borampalli	50.4
8	M/s. Axis Wind Farms (Godavari) Private Limited	Borampalli	50.4
9	M/s. Axis Wind Farms (Chapiri) Private Limited	Borampalli	48.3
10	M/s. Axis Wind Farms (Manirevu) Private Limited	Nuthimadugu	50.4
11	M/s. Axis Wind Farms (Andhra Pradesh) Private Limited	Nuthimadugu	50.4
12	M/s. Axis Wind Farms (Penna) Private Limited	Nuthimadugu	50.4
13	We will revert with the SPV/Customer details shortly	Beluguppa	14.0
Total			599.9

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## ANNEXURE-II

Sl. No.	Name of the SPV/Company/Customer	Project Site	Capacity of SPV (MW)	APTRANSCO Connecting Substation	PE Approved Project Location	Pooling Substation Location	PE Approval in MW	Requirement (MW)	Residual Capacity (MW)
1	Axis Wind Farms (Amidiyala) Private Limited	Amidiyala	50.4	400/220 KV SS Uravakonda-II (Connecting @ 220 KV level)	Vidapanakallu	Amidiyala	399	50.4	
2	Axis Wind Farms (Raketla) Private Limited	Amidiyala	33.6	400/220 KV SS Uravakonda-II (Connecting @ 220 KV level)	Vidapanakallu	Amidiyala	348.6	33.6	
3	Axis Wind Farms (Pottipadu) Private Limited	Pottipadu North	50.4	400/220 KV SS Uravakonda-II (Connecting @ 220 KV level)	Vidapanakallu	Vajrakarur	301	50.4	
4	Axis Wind Farms (Vajrakarur) Private Limited	Pottipadu North	50.4	400/220 KV SS Uravakonda-II (Connecting @ 220 KV level)	Vidapanakallu	Vajrakarur	250.6	50.4	
5	Axis Wind Farms (Kalyandurg) Private Limited	Borampalli	50.4	220/132 KV Pampapur Thanda SS	Vidapanakallu	Borampalli	200.2	50.4	
6	Axis Wind Farms (Seerpi) Private Limited	Borampalli	50.4	220/132 KV Pampapur Thanda SS	Vidapanakallu	Borampalli	149.8	50.4	
7	Axis Wind Farms (Borampalli) Private Limited	Borampalli	50.4	220/132 KV Pampapur Thanda SS	Vidapanakallu	Borampalli	59.4	50.4	49
8	Axis Wind Farms (Godavari) Private Limited	Borampalli	50.4	220/132 KV Pampapur Thanda SS	Kanekallu	Borampalli	399	50.4	
9	Axis Wind Farms (Chapiri) Private Limited	Borampalli	48.3	220/132 KV Pampapur Thanda SS	Kanekallu	Borampalli	348.6	48.3	
10	Axis Wind Farms (Manirevu) Private Limited	Nuthimadugu	50.4	220/132 KV Pampapur Thanda SS	Kanekallu	Nuthimadugu	300.3	50.4	
11	Axis Wind Farms (Andhra Pradesh) Private Limited	Nuthimadugu	50.4	220/132 KV Pampapur Thanda SS	Kanekallu	Nuthimadugu	249.9	50.4	
12	Axis Wind Farms (Penna) Private Limited	Nuthimadugu	50.4	220/132 KV Pampapur Thanda SS	Kanekallu	Nuthimadugu	199.5	50.4	149.1
13	We will revert with the SPV/Customer details shortly	Beluguppa	14.0	400/220 KV SS Uravakonda-II (Connecting @ 220 KV level)	Vidapanakallu	Beluguppa	315	14.0	
			599.9					599.9	



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అంధ్రప్రదేశ్ సూతన మరియు పునరుద్ధరణ ఐంధన వనరుల అభివృద్ధి సంస్థ లి.  
New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

(A State Government Company - ISO 9001:2015 Certified)

Regd. Office : # 5-8-207/2, Pishgah Complex, Nampally, Hyderabad - 500 001. India.

Tel : Off : 040-23202391, 23202262, 23203376 Fax : 040-23201666.

E-mail : info@nredcap.in, Website : www.nredcap.in



Ref: NREDCAP/WE/Axis Energy Ventures/2016-17

Date: 16.09.2017

To  
The Chairman  
AP Power Coordination Committee  
Vidyutsoudha, Khairatabad,  
Hyderabad.

Sir,

Sub: MOU and Project Implementation Agreement (PIA) signed by Government of Andhra Pradesh with M/s Axis Energy Ventures India Private Ltd. and M/s Suzlon Energy Limited – Signing of PPA for 600 MW wind power projects – Regarding.

- Ref: 1) Govt. letter No.117/Pr.II(A1)/2016 dated 14.09.2017 of Principal Secy. to Govt., Energy, I&I Department & CRDA, Govt. of AP.  
2) Letter No.AEVIPL/061/2017-18 dated 16.09.2017 of M/s Axis Energy Ventures India Private Limited,

\*\*\*

M/s Axis Energy Ventures India Pvt. Ltd. along with M/s Suzlon Energy Limited is developing 4000 MW capacity wind power projects and wind solar hybrid projects in A.P. State as per the MOU and Project Implementation Agreement (PIA) signed with Govt. of A.P.

In the reference 2<sup>nd</sup> cited, M/s Axis Energy Ventures India Private Limited has submitted proposal for signing of Power Purchase Agreement (PPA) with APDISCOMs for a capacity of 599.90 MW wind power projects in Ananthapuramu District. It is proposed to implement the projects on different Special Purpose Vehicle (SPV) companies/customers floated by M/s Axis Energy Ventures India Private Limited. Based on the request of the M/s Axis Energy Ventures, NREDCAP has transferred the capacities to the different SPVs and entered into tripartite agreements for an aggregate capacity of 599.90 MW.

The above capacities are covered under 4000 MW RE Power projects proposed to be developed by M/s Axis Energy Ventures India Private Limited and M/s Suzlon Energy Limited as per the provisions of MOU and PIA signed with Government of Andhra Pradesh. The power evacuation approvals are available for these projects and the statement indicating the details of original capacity allotment, capacities transferred to the SPVs/Customers and availability of power evacuation approvals is enclosed for kind information. The letter dated 16.09.2017 of M/s Axis Energy Ventures India Private Limited is also enclosed for kind information.

Contd...2..

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**NREDCAP**

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In the reference 1<sup>st</sup> cited, the Government have directed APDISCOMs to sign PPA for 600 MW with M/s Axis Energy Ventures India Private Limited and M/s Suzlon Energy Limited for the year 2017-18. Taking into consideration the directions of the Government, it is requested to consider to arrange for signing of PPAs for 599.90 MW capacity wind power projects with different SPVs of M/s Axis Energy Ventures India Private Limited which are covered under MOU and PIA signed with the Government of AP. As per the directions of Government, it may be considered to send the signed PPAs to APERC seeking consent for the same.

Thanking you,

Yours faithfully,

  
VC & Managing Director

Encl : a/a.

Copy submitted to the Principal Secretary, Energy, I&I Department & CRDA, Govt. of AP. – for kind information.

Copy submitted to the Chairman & Managing Director, APSPDCL, Vidyuth Nilayam, D.No.19-13-65/A, Srinivasapuram, Tirupati. – for kind information.

Copy submitted to the Chairman & Managing Director, APEPDCL, P&T Colony, Seethammadhara, Visakhapatnam.

✓ Copy to M/s Axis Energy Ventures India Private Limited, H.No.6-3-680/8/3, Plot No.3, 2<sup>nd</sup> floor, PMR Plaza, Thakur Mansion, Somajiguda, Hyderabad – 500 082.

Copy to M/s Suzlon Energy Limited

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ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH 12 SEP 2017

S.No. 5361 Date 12-9-2017 Rs. 100/-

CA 125537

Sold to Sri: M.ch. vardhan s/o M.S. Rao . V/A

Ch. Mahalaksh  
CH. MAHALAKSH  
LICENCED STAMP VENE  
O.L.No: 06-27-012/2012  
R.L.No: 06-27-015/2016  
VALID UP TO: 31-12-2018  
# 77-8111-10, Prakash Nag  
Payakapuram V. JAWADA  
Cell : 93826826

For Whom AXIS wind Farms (Vajrakarur) private limited . V/A

**POWER PURCHASE AGREEMENT  
BETWEEN**

**SOUTHERN POWER DISTRIBUTION COMPANY OF A.P. LIMITED**

**AND**

**M/S. AXIS WIND FARMS (VAJRAKARUR) PRIVATE LIMITED**

<sup>27<sup>th</sup></sup> This Power Purchase Agreement (the "Agreement") entered into this day of September, 2017 between Southern Power Distribution Company of AP Limited (DISCOM), incorporated by the Government of Andhra Pradesh in accordance with the Andhra Pradesh Electricity Reform Act 1998 (Act No.30 of 1998), under the provisions of Companies Act, 1956, having its office at 19-13-65/A, Ragavendra Nagar, Kesavayana Gunta, Tiruchanoor Road Tirupati, Pin-517501, AP, India, hereinafter referred to as the "DISCOM" (which expression shall, unless repugnant to the context or meaning thereof, include its successors and assigns ) as first party, and M/s. Axis wind Farms (Vajrakarur) private limited ; a company incorporated under companies Act, 1956, having registered office at 2<sup>nd</sup> floor, Plot No.3, H.No. 6 - 3-680/8/3, PMK Plaza, Thakur Mansion lane, Somajiguda, Hyderabad - 500 082.

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

Authorised Signatory

CHIEF GENERAL MANAGER  
P & MM & IPC  
APSPDCL. :: TIRUPATI

India, hereinafter referred to as the "Wind Power Producer" (which expression shall, unless repugnant to the con-text or meaning thereof, include its successors and assigns) as second party.

2. WHEREAS, the Wind Power Producer is setting up the New and Renewable Energy Project i.e., the 50.4 MW capacity Wind power project at Pottipadu North Site in Anantapuram District, Andhra Pradesh (hereafter called the Project,) with a proposal of 0.252 MW for Auxiliary Consumption and 50.148 MW for export to grid for Sale to DISCOM as detailed in Schedule-I attached herewith, and New and Renewable Energy Development Corporation of Andhra Pradesh Limited hereafter referred to as M/s NREDCAP has accorded approval to the said project in their Proceedings No. NREDCAP/WE/Vajrakaruru/2011, dt.24.09.2011 and NREDCAP/WE/Axis/Vajrakaruru/2017, dt/16.09.2017 and the Wind Power Producer has entered into an Agreements with NREDCAP on 24.09.2011 the copies whereof are attached herewith as Schedule-II and Schedule III respectively;

3. WHEREAS, it has been agreed that the Project will be designed, engineered and constructed and operated by or on behalf of the Wind Power Producer or its successors with reasonable diligence subject to all applicable Indian laws, rules, regulations and orders having the force of law;


4. Whereas, the proposed Project is being setup under cluster of Wind power projects proposed at Pottipadu North Site in Anantapuram District, Andhra Pradesh and will be connected to Extra High Voltage (EHV) Pooling Substation to be built for power evacuation from Wind power projects. The Project will share a common metering at line isolator on outgoing feeder on High Voltage (HV) side of the Pooling Substation along with other Wind power projects. The Project will also have a separate metering at Project's switchyard.

5. The terms and conditions of the Agreement are subject to the provisions of the Electricity Act, 2003 (36 of 2003) and the amendments made to the act from time to time, and also subject to regulation by the APERC.

6. Now therefore, in consideration of the foregoing premises and their mutual covenants herein, and for other valuable consideration, the receipt and sufficiency of which are acknowledged, the parties hereto, intending to be legally bound hereby agree as follows:

For Axis Wind Farms (Vajrakarur) Pvt Ltd,

  
Authorized Signatory

  
CHIEF GENERAL MANAGER  
P & MM & IPC  
APSPDCL :: TIRUPATI



**ARTICLE 1**  
**DEFINITIONS**

As used in this Agreement, the following terms shall have the meanings set forth herein below. Defined terms of singular number shall include the plural and vice-versa.

1.1 **APTRANSCO:** Transmission Corporation of Andhra Pradesh Limited, incorporated by the Government of Andhra Pradesh.

1.2 **Billing Date:** means the fifth (5th) day after the Meter Reading Date.

1.3 **Billing Month:** means the period commencing from 25th of the calendar month and ending on the 24th of the next calendar month.

1.4 **Commercial Operation Date (COD):** means, with respect to each Generating unit, the date on which such Generating unit is declared by the Wind Power Producer to be operational, provided that the Wind Power Producer shall not declare a Generating unit to be operational until such Generating unit has completed its performance acceptance test as per standards prescribed.


**Explanation:** In respect of Non-conventional based power projects the date of synchronisation of the first unit of the project will be treated as the Commercial Operation Date of the project.

1.5 **Delivered Energy:** means, with respect to any Billing Month, the kilo watt hours (kWh) of electrical energy generated by the Project and delivered to the DISCOM at the Interconnection Point as defined in Article 1.10, as measured by the common energy meter at the Interconnection Point during that Billing Month. As indicated in the preamble, the delivered energy recorded by the common meter shall be sum of energy delivered by all Wind power projects connected to the Pooling Substation.

**Explanation 1:** For the purpose of clarification, Delivered Energy, excludes all energy consumed in the Project, by the main plant and equipment, lighting and other loads of the Project from the energy generated and as recorded by energy meter at Interconnection Point.

**Explanation 2:** The delivered energy in a Billing Month shall be limited to the energy calculated based on the Capacity agreed for export to network for sale to DISCOM as mentioned in Preamble and Schedule -I, multiplied with number of hours and fraction thereof the project is in operation during that

For Axis Wind Farms (Vajrakanur) Pvt Ltd.

  
Authorised Signatory

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billing month. In case any excess energy is delivered no payment shall be made for the same.

**Explanation 3:** The Delivered Energy will be equal to energy recorded by the individual meter at Project's switchyard minus apportioned line losses from Project's switchyard to interconnection point and shall be calculated as per the formula mentioned below:

$$\text{Delivered Energy} = X1 - (X1 \times Z \%)$$

Where

X1 is the reading of the energy meter installed at the Project's switchyard.

Z% is the line loss incurred in the transmission line between the Project and the Pooling Substation and shall be:

$$Z = \frac{(X1 + X2 + X3 + X4 + \dots) - Y}{(X1 + X2 + X3 + X4 + \dots)} \times 100$$

Where

Y is the reading of the common energy meter installed at interconnection point. X1, X2, X3, X4 etc. are the readings of the energy meters installed at the various individual Wind power projects being developed/proposed to be set up in the area and connected to the Pooling Substation.

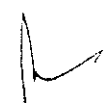
**1.6 Due Date of Payment:** means the date on which the amount payable by the DISCOM to the Wind Power Producer hereunder for Delivered Energy, if any, supplied during a Billing Month becomes due for payment, which date shall be thirty (30) days from the Meter Reading Date provided the bill is received by DISCOM within 5 days from Meter Reading Date, and in the case of any supplemental or other bill or claim, if any, the due date of payment shall be thirty (30) days from the date of the presentation of such bill or claim to the designated officer of the DISCOM.

**1.7 Financial Year:** shall mean, with respect to the initial Fiscal Year, the period beginning on the Commercial Operation Date and ending at 12.00 midnight on the following March 31. Each successive Financial Year shall begin on April 1 and end on the following March 31, except that the final Fiscal Year shall end on the date of expiry of the Term or on termination of this Agreement, whichever is earlier.

**1.8 Installed Capacity:** means the total rated capacity in MW of all the Wind Energy Generators installed by the Wind Power Producer.

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

  
Authorised Signatory

  
CHIEF GENERAL MANAGER  
P & MM & IPC  
APSPDCL :: TIRUPATI

**1.9 Interconnection Facilities:** means all the equipment and facilities, including, but not limited to, all metering facilities, switchgear, substation facilities, transmission lines and related infrastructure, to be installed at the voltage specified in Article 1.20 at the Wind Power Producer's expense from time to time throughout the term of this Agreement, necessary to enable the DISCOM to economically, reliably and safely receive Delivered Energy from the Project in accordance with the terms of this Agreement. As indicated in the preamble, the interconnection facilities beyond Project's switchyard shall be common for Wind Power Producer and other Wind power projects connected to the Pooling Substation.

**1.10 Interconnection Point:** means the line isolator on outgoing feeder on HV side of the pooling sub-station i.e., the sub-station at project site of wind farm which consists of step-up transformer(s) and associated switchgear and to the LV side of which, multiple generating unit(s) i.e., wind turbine generators are connected.

**1.11 Meter Reading Date:** means mid-day (i.e., noon) of the 24th (twenty-fourth) day of each calendar month, at the Interconnection Point.

**1.12 Metering Point:** means points where metering shall be provided for Project and shall be as follows:


- (i) Common meter provided at the Interconnection Point for purposes of recording of Delivered Energy of the Project;
- (ii) Individual meter provided at Project's switchyard;
- (iii) Metering point shall include two separate sets of 0.2 /0.2S class accuracy electronic tri-vector meters as specified in Article 4.1, main meter installed by the Wind Power Producer and the check meter installed by the DISCOM and both sealed by the DISCOM, having facilities to record both export and import of electricity to / from the grid.

**1.13 Project:** means the 50.4 MW capacity Wind power project at Pottipadu North Site in Anantapuram District, Andhra Pradesh with a proposal of 0.252 MW for Auxiliary Consumption and 50.148 MW for export to network for Sale to DISCOM as entrusted to the Wind Power Producer for construction and operation as detailed in Agreement entered into with NREDCAP as shown in Schedule -III attached herewith and includes the metering system.

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

  
Authorised Signatory

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CHIEF GENERAL MANAGER  
P & MM & IPC  
APSPQCL :: TIRUPATI

1.14 **Prudent Utility Practices:** means those practices, methods, techniques and standards, that are generally accepted for use in electric utility industries taking into account conditions in India, and commonly used in prudent electric utility engineering and operations to design, engineer, construct, test, operate and maintain equipment lawfully, safely, efficiently and economically as applicable to power stations of the size, service and type of the Project, and that generally conform to the manufacturers' operation and maintenance guidelines.

1.15 **Pooling or Receiving Substation:** means 33KV/220 KV SS constructed, owned and maintained by the Wind Power Producer at Vajrakarur in Anantapuram District for the sole purpose of evacuating energy generated by the Project to the Grid System and for facilitating interconnection between the transmission lines emanating from the Project and the Grid System. As indicated in the Preamble, the Pooling Substation will be common for all Wind power projects connected to the Pooling Substation.

1.16 **SLDC:** means the State Load Dispatch Center as notified by the State Government under the provisions of the Electricity Act 2003.

1.17 **System Emergency:** means a condition affecting the APTRANSCO's/ DISCOM's electrical network which threatens the safe and reliable operation of such system or which is likely to result in the disruption of safe, adequate and continuous electric supply by the APTRANSCO/DISCOM, or which endangers life or property, which condition is affected or aggravated by the continued delivery of Delivered Energy from the Project.

1.18 **Surcharge on Reactive Power drawn by Wind Farms:** means the charges leviable on the reactive power drawn by Wind Farms at the rate of 25 paise (twenty five paise) per KVARh of reactive energy drawn from grid upto 10% of net active energy generated and 50 paise per KVARh for total drawl if reactive energy drawn is more than 10% of net active energy generated. The above mentioned rates are subject to revision as per APERC orders from time to time. The reactive power drawn as recorded by meters at interconnection point includes the reactive power drawn by all the Wind Power Producers in the cluster. As such the reactive power recorded by the meters at the interconnection point shall be shared by all the individual power producers in the ratio of the active energy delivered by them individually.

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

**Explanation 1:** Induction generators used in Wind Farms draw reactive power from grid during generator mode and motor mode.

**Explanation 2:** Surcharge on reactive power drawn by Wind Farms will be levied on the Wind Power Producer.

**1.19 Unit:** When used in relation to the generating equipment, means one set of turbine generator and auxiliary equipment, and facilities forming part of the project and when used in relation to electrical energy, means kilo watt hour (kWh).

**1.20 Voltage of Delivery:** means the voltage at which the electrical energy generated by the project is required to be delivered to the APTRANSCO at the Interconnection Point and the Voltage of Delivery is as detailed below:

(Note: Insert Table A or Table B whichever is applicable)


TABLE - A

At 33 KV level:

Project interfacing		Specified type of AAAC Conductor (size)	Proposed Wind power capacity on each 33 KV line
From	To		
Wind project	Existing 33/11 KV DISCOM SS	55 sqmm	8 MW
		100 sqmm	10 MW*
		150 sqmm	
Wind project	EHT Pooling SS or existing EHT APTRANSCO SS	55 sqmm	8 MW
		100 sqmm	12 MW
		150 sqmm	17 MW**
* Capacity is restricted considering less load availability in DISCOM SS.			
** As amended vide Commission's order dated 11-07-2012 in O.P.No. 7 of 2012 read with letter dated 04-06-2014 attached herewith as Schedule - IV			

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

  
Authorised Signatory

  
CHIEF GENERAL MANAGER  
P & MM & IPC  
APSPDCL :: TIRUPATI

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TABLE - B


At EHT level:


Project interfacing		EHT Level	Proposed Wind power capacity
From	To		
Pooling SS	Existing APTRANSCO EHT SS	132 KV	(i) Up to 50 MW on SC Line (ii) Above 50 MW to 100 MW on DC Line
Pooling SS	Existing APTRANSCO EHT SS	220 KV	Above 100 MW

This Project will generate electrical energy at 690 Volts, which will be stepped up to 33 KV at Project's switchyard. The electrical energy will be further stepped up from 33 KV to 220 KV at Pooling Substation and delivered to the grid. (And the developer has to construct 220 KV pooling station at generating site and shall connect radially to LV Bus of upcoming 400/220 KV Uravakonda - II SS.)

1.21 All other words and expressions, used herein and not defined herein but defined in Indian Electricity Rules 1956, AP Electricity Reform Act, 1998 and the Electricity Act, 2003 shall have the meanings respectively assigned to them in the said Acts.

For Axis Wind Farms (Vajrakanur) Pvt Ltd.

  
Authorized Signatory

  
CHIEF GENERAL MANAGER  
P & MM & IFC  
APSPDCL - TIRUPATI

**ARTICLE 2**

**PURCHASE OF DELIVERED ENERGY AND TARIFF**

- 2.1 All the Delivered Energy at the interconnection point for sale to DISCOM will be purchased at the tariff provided for in Article 2.2 from and after the date of Commercial Operation of the Project. Title to Delivered Energy purchased shall pass from the Wind Power Producer to the DISCOM at the Interconnection Point.
- 2.2 The Wind Power Producer shall be paid tariff for energy delivered at the interconnection point for sale to DISCOM, which shall be at the tariff rate as determined by APERC in accordance with section 61, Section 62, Section 86 of Electricity Act 2003 and any Regulation made there under without considering Accelerated Depreciation for a period of 25 Years from the Commercial Operation Date (COD).
- 2.3 Tariff Determined under these regulations shall be exclusive of taxes and duties as may be levied by the Government.
- Provided that the taxes and duties levied by the Government shall be allowed as pass through on actually incurred basis.
- 2.4 Income tax/ MAT is a pass through and is to be paid by the Distribution Licensees to the developer upon receipt of the claim from the developer. This is over and above the tariff determination made here in.
- Electricity Duty is a pass through and is to be paid by the Distribution Licensees to the developer upon receipt of the claim from the developer. This is over and above the tariff determination made herein.
- 2.5 Where in any Billing month, the energy supplied by the DISCOM to the Wind Power Producer as a bilateral arrangement to maintain the Auxiliaries in the power plant in situations of non-generation of power, shall be billed by the DISCOM, and the Wind Power Producer shall pay the DISCOM for such electricity supplies, at the DISCOM's then-effective tariff applicable to High Tension Category-I Consumers. For this purpose, the maximum demand specified in such DISCOM's Tariff shall be computed by dividing the amount of such energy supplied by the DISCOM by hours of drawl of power from the grid in the Month.

**Explanation:** The Wind plants during the plant shut down periods shall draw the energy from DISCOM only for the essential loads not exceeding auxiliary consumption.

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

Authorised Signatory

CHIEF GENERAL MANAGER  
P & NM & IPC  
APSPDCL (TIRUPATI)

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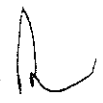
**ARTICLE 3**  
**INTERCONNECTION FACILITIES**

- 3.1 Upon receipt of a requisition from the Wind Power Producer, the APTRANSCO and DISCOM will prepare an estimate for arranging interconnection facilities for power evacuation at the voltage level as per Article 1.20. The Wind Power Producer have to bear the entire cost of the interconnection facilities as per the sanctioned estimate. The APTRANSCO and DISCOM shall evaluate, design, and install the Interconnection Facilities and perform all work, at the Wind Power Producer's expense, necessary to economically, reliably and safely connect the grid system to the Project switch yard.
- 3.2 APTRANSCO and DISCOM may also permit the Wind Power Producer to execute the interconnection facilities for power evacuation as per the sanctioned estimate at it's discretion duly collecting the supervision charges as per procedure in vogue.
- 3.3 The Wind Power Producer shall own, operate and maintain interconnection facilities from Project to Pooling Substation from time to time and necessary expenditure shall have to be borne by the Wind Power Producer. The maintenance work on the Generating units has to be done in coordination with the APTRANSCO and DISCOM.
- 3.4 The Wind Power Producer shall agree to pay to the DISCOM, on or before signing of this Agreement, at the rate of Rs.37,000/- per MW of Installed Capacity and for fractions thereof on a pro-rata basis as a one time lump sum payment for the sole purpose of providing the required MVAR capacity at the Substation of the APTRANSCO and / or DISCOM to supply the requisite reactive power to the Grid System.

APTRANSCO and /or DISCOM shall install the capacitors of required capacity, at the substation of the APTRANSCO and/or DISCOM before commercial operation date of the project.

For Axis Wind Farms (Vejrakerur) Pvt Ltd.

  
Authorised Signatory

  
CHIEF GENERAL MANAGER  
P & MM & IPC  
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- 3.5 Any modifications or procedures or changes in arranging interconnection facilities for power evacuations rest with APTRANSCO and DISCOM.
- 3.6 During the period prior to the Commercial Operation Date, on the request of the Wind Power Producer, the DISCOM will supply energy to the Project for internal consumption, on the Terms and Conditions and at the tariff rates that are applicable from time to time to the category of consumers of the DISCOM to which the Wind Power Producer belongs, provided separate metering arrangements as may be required under the Terms and Conditions of such tariff have been installed at the Project.

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

  
Authorized Signatory

  
CHIEF GENERAL MANAGER  
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**ARTICLE 4**  
**METERING AND PROTECTION**

4.1 The Wind Power Producer shall install main meters of Static type 0.2 / 0.2S class accuracy at the Metering Point and the DISCOM shall install check meters of Static type at the same point and of the same accuracy. The main meters and check meters will each consist of a pair of export and import meters with facility for recording meter readings using Meter Recording Instrument. For the purpose of uniformity the Wind Power Producer shall follow metering specifications as developed by the DISCOM from time to time.

4.2 All of the meters required to be installed pursuant to Article 4.1 above shall be jointly inspected and sealed on behalf of both parties and shall not be interfered with, tested or checked except in the presence of representatives of both parties.

4.3 The meter readings from the main meters will form the basis of billing. If any of the meters required to be installed pursuant to Article 4.1 above are found to be registering inaccurately the affected meter will be immediately be replaced.


4.4 Where the half yearly meter check indicates an error in one of the main meter/meters beyond the limits for such meter but no such error is indicated in the corresponding check meter/meters, billing for the month will be done on the basis of the reading on the check meter/meters and the main meter will be replaced immediately.

4.5 If during the half yearly test checks, both the main meters and the corresponding check meters are found to be beyond permissible limits of error, both the meters shall be immediately replaced and the correction applied to the consumption registered by the main meter to arrive at the correct delivered energy for billing purposes for the period of the one month up to the time of such test check, computation of delivered energy for the period thereafter till the next monthly meter reading shall be as per the replaced main meter.

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

  
Authorized Signatory

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CHIEF GENERAL MANAGER  
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4.6 Corrections in delivered energy billing, whenever necessary, shall be applicable to the period between the previous monthly meter reading and the date and time of the test calibration in the current month when the error is observed and this correction shall be for the full value of the absolute error. For the purpose of determining the correction to be applied to any meter registering inaccurately, the meter shall be tested under conditions simulating 100, 50, 20 and 10 percent load at unity power factor and 0.5 power factor. Of these eight values, the error at the load and power factor nearest the average monthly load served at the Interconnection Point during the applicable period shall be taken as the error to be applied for correction.

4.7 If both the main and check meters fail to record or if any of the PT fuses are blown out, then the energy will be computed on a mutually agreeable basis for that period of defect.


4.8 The main and check meters shall be tested and calibrated once in a Financial year utilizing a Standard Meter. The Standard Meter shall be calibrated once in every year at the approved Laboratory by Government of India / Government of Andhra Pradesh, as per Terms and Conditions of supply.


4.9 All main and check meters tests shall be jointly conducted by the authorized representatives of both parties and the results and correction so arrived at mutually will be applicable and binding on both the parties.

4.10 On the Meter Reading Date of each month, meter readings shall be taken (and an acknowledgement thereof signed) by the authorized representatives of both parties.

4.11 Within six (6) months following the execution of this Agreement, the Wind Power Producer and the DISCOM shall mutually agree to technical and performance specifications (including, but not limited to, the metering configuration for the Project) concerning the design and operation of the facilities required to be installed by the Wind Power Producer in order for the Wind Power Producer to operate in parallel with the grid. Thereafter, any change in such specifications shall be subject to mutual agreement of the parties.

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

  
Authorized Signatory

  
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4.12 The Project shall be operated and maintained in accordance with good and generally accepted utility standards with respect to synchronizing, voltage, frequency and reactive power control.

4.13 Voltage regulation shall be such as to enable continued paralleling and synchronisation with the network voltage at the point of interconnection.

4.14 The equipment of the Wind Power Producer shall be designed for fluctuations in the frequency within limits of -5% and +3% of the standard frequency of 50 cycles per second.

4.15 The Wind power developer shall ensure that the power factor of the power delivered to the DISCOM is maintained as per the APERC/CEA/CERC norms from the time to time.


4.16 Any change in rupturing capacity of switch-gear, settings of the relays, etc., shall be subject to approval of the DISCOM.

4.17 As the Project's generator may carry fault currents that may occur on the grid, the Wind Power Producer shall provide adequate generator and switchgear protection against such faults. The DISCOM is not responsible for damage, if any, caused to the Project's generator and allied equipment during parallel operation of the generator with the grid.


4.18 The Wind Power Producer shall make a good faith effort to operate the Project in such a manner as to avoid fluctuations and disturbances to the APTRANSCO's / DISCOM's network due to parallel operation with the network.

4.19 The Wind Power Producer shall control and operate the Project as per Prudent Utility Practices. The DISCOM shall only be entitled to request the Wind Power Producer to reduce electric power and energy deliveries from the Project during a System Emergency, and then only to the extent that in the DISCOM's reasonable judgment such a reduction will alleviate the emergency. The DISCOM shall give the Wind Power Producer as much advance notice of such a reduction as is practicable under the circumstances and shall use all reasonable efforts to remedy the circumstance causing the reduction as soon as possible. Any reduction required of the Wind Power Producer hereunder shall be implemented in a manner consistent with safe operating procedures.

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

  
Authorized Signatory

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CHIEF GENERAL MANAGER  
P & MM & IPC  
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**ARTICLE 5**  
**BILLING AND PAYMENT**

5.1 For Delivered Energy purchased, Wind Power Producer shall furnish a bill to the DISCOM calculated at the rate provided for in Article 2.2, in such form as may be mutually agreed between the DISCOM and the Wind Power Producer, for the billing month on or before the 5th working day following the Meter Reading Date.

5.2 For payment of bills of the generating company through letter of credit, a rebate of 2 % shall be allowed.

Where payments are made other than through letter of credit within a period of one month of presentation of bills by the generating company, a rebate of 1% shall be allowed.

Any payment made beyond the due date of payment, DISCOM shall pay interest at existing SBI base rates plus one percent and in case this rate is reduced, such reduced rate is applicable from the date of reduction.

5.3 The DISCOM shall pay the bill on monthly basis as per Article 5.1.

5.4 **Letter of Credit:** Not later than 30 days prior to the Scheduled COD of the Generating Unit, DISCOM shall cause to be in effect an irrevocable revolving Letter of Credit issued in favour of Wind Power Developer for a minimum period of one year by a Scheduled Bank (the "Letter of Credit").


a. However Letter of Credit shall not be invoked for any disputed bill amount.

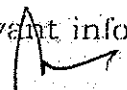
5.5 **Direct payment:** Wind developer shall submit bills for the energy delivered during the billing period as per the provision of this PPA and there upon DISCOMs shall make payment for the eligible bill amount by the due date of payment.

5.6 **Billing disputes:** The DISCOM shall pay the bills of Wind Power Producer promptly subject to the clauses 5.1 and 5.2 above.

The DISCOM shall notify Wind Power Producer in respect of any disallowed amount on account of any dispute as to all or any portion of the bill. Wind Power Producer shall immediately take up issue with all relevant information

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

  
Authorised Signatory

  
CHIEF GENERAL MANAGER  
P & MM & IPC  
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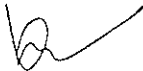
with DISCOM which shall be rectified by the DISCOM, if found satisfactory. Otherwise notify its (DISCOM's) rejection of the disputed claim within reasonable time with reasons therefor. The dispute may also be decided by mutual agreement. If the resolution of any dispute requires the DISCOM to reimburse Wind Power Producer, the amount to be reimbursed shall bear interest at SBI base rates plus one percent and in case this rate is reduced, such reduced rate is applicable from the date of reduction from the date of disallowance to the date of reimbursement.


5.7 All payments by the DISCOM to Wind Power Producer hereunder shall be made to such address as may be designated by Wind Power Producer to the DISCOM in writing from time to time.

Address : M/s. Axis wind Farms (Vajrakarur) private limited  
2<sup>nd</sup> floor, Plot No.3, H.No. 6-3-680/8/3,  
PMR Plaza, Thakur Mansion lane,  
Somajiguda, Hyderabad -- 500 082,.

Telephone : 91-040-23412312, 2341 2313  
Fax : 040-2341 2314  
Email : contact@axisenergy.in

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

  
Authorized Signatory

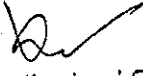
  
CHIEF GENERAL MANAGER  
P & MM & IPC  
APSPDCL :: TIRUPATI


**ARTICLE 6**  
**UNDERTAKING**

6.1 The Wind Power Producer shall be responsible:

- (i) For proper maintenance of the project in accordance with established prudent utility practices.
- (ii) For operation, maintenance, overhaul of the plant, equipment, works, switch yard and transmission lines and equipment up to the Interconnection Point of the project in close coordination with the DISCOM.
- (iii) The Wind Power Producer shall furnish the generation and maintenance schedules every year.
- (iv) For making all payments on account of any taxes, cess, duties or levies imposed by any Government or competent statutory authority on the land, equipment, material or works of the project or on the energy generated or consumed by the project or the Wind Power Producer or on the income or assets of the Wind Power Producer.
- (v) For obtaining necessary approvals, permits or licences for operation of the project and sale of energy to DISCOM there from under the provision of the relevant laws.
- (vi) The Wind Power Producer have to comply with the provisions of the AP Code of Technical Interface (Grid Code).
- (vii) For achieving Commercial Operation Date within two years from the date of signing of the Agreement.
- (viii) For seeking approval of APTRANSCO and DISCOM in respect of Interconnection Facilities, Pooling Substation and synchronization of the Project with grid.
- (ix) The Wind Power Producer shall not dismantle and take away project machinery and interconnection facilities during the PPA term.
- (x) After 25th year of the operation from Commercial Operation Date, if plant continues to operate, the DISCOM shall have the first right of refusal on power purchase from the Wind power plant. The tariff beyond 25th year shall be as mutually agreed by both the parties, subject to approval of APERC.

For Axis Wind Farms (Vajrakerur) Pvt Ltd.

  
Authorised Signatory

  
CHIEF GENERAL MANAGER  
P & MM & IPC  
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(xi) **Sharing of Clean Development Mechanism (CDM) benefits:** The Proceeds of carbon credit from approved CDM Project shall be shared between generating company and concerned beneficiaries in the following manner namely.

(a) 100% of the gross proceeds on account of CDM benefits is to be retained by the project developer in the first year after the date of commercial operation of the generating station.

(b) In the second year, the share of the beneficiaries shall be 10 % which shall be progressively increased by 10% every year till it reaches 50%, where after the proceeds shall be shared in equal proportion, by the generating company and the beneficiaries.

6.2 The DISCOM agrees:


(i) To make all reasonable efforts for making arrangements for evacuation of power from the project to be completed prior to the Commercial Operation Date of the Project subject to Article 3.

(ii) For purchase of Delivered Energy from the project as per section 2.2.

(iii) To co-ordinate with APTRANSCO and assist the Wind Power Producer in obtaining approval for the interconnection facilities where the interconnection is at 132 kV or above voltages, for synchronization, Commercial Operation, regular operation etc., as required by the Wind Power Producer.

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

  
Authorized Signatory

  
CHIEF GENERAL MANAGER  
P & MM & IPC  
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**ARTICLE 7**

**DURATION OF AGREEMENT**

This Agreement shall be effective upon its execution and delivery thereof between parties hereto and shall continue in force from the Commercial Operation Date (COD) and until the twenty fifth (25th) anniversary that is for a period of twenty five years from the Commercial Operation Date (COD). This Agreement may be renewed for such further period of time and on such terms and conditions as may be mutually agreed upon by the parties, 90 days prior to the expiry of the said period of twenty five years, subject to the consent of the APERC. Any and all incentives/conditions envisaged in the Articles of this Agreement are subject to modification from time to time as per the directions of APERC.

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

  
Authorised Signatory

  
CHIEF GENERAL MANAGER  
P & MM & IPC  
APSPDCL :: TIRUPATI

**ARTICLE 8**  
**NOTICES**

8.1 Except as otherwise expressly provided in this Agreement, all notices or other communications which are required or permitted hereunder shall be in writing and sufficient if delivered personally or sent by registered or certified mail, email or fax addressed as follows:

**If to the Wind Power Producer:**

Attention : M/s. Axis wind Farms (Vajrakarur) private limited  
2<sup>nd</sup> floor, Plot No.3, H.No. 6-3-680/8/3,  
PMR Plaza, Thakur Mansion lane,  
Somajiguda, Hyderabad - 500 082,.

Telephone : 91-040-23412312, 2341 2313  
Fax : 040-2341 2314  
Email : contact@axisenergy.in

**If to the DISCOM:**

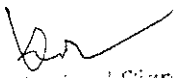
Attention : Chief General Manager, (IPC & P&MM)  
APSPDCL,  
19-13-65-A, Corporate Office ,  
Ragavendra Nagar , Kesavayana Gunta,  
Tiruchanoor Rd, Tirupati - AP, India - 517501


Fax No. : 0877-2237407  
Telephone No. : 0877-2237407  
Email id : gmipcsdcl@gmail.com

8.2 All notices or communications given by email, fax shall be confirmed by depositing a copy of the same in the post office in an envelope properly addressed to the appropriate party for delivery by registered or certified mail. All notices shall be deemed delivered upon receipt, including notices given by email, fax regardless of the date the confirmation of such notice is received.

8.3 Any party may by written notice change the address and/or addresses to which such notices and communications to it are to be delivered or mailed.

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

  
Authorised Signatory

  
CHIEF GENERAL MANAGER  
P & MM & IPC  
APSPDCL :: TIRUPATI

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**ARTICLE 9**

**DEFAULT**

9.1 The Wind Power Producer shall achieve Commercial Operation Date within two years from the date of signing of the Agreement, default of which, the Agreement is liable for termination and the same can be done at the option of DISCOM with due notice.

9.2 In the event, DISCOM commits a breach of any of the terms of this Agreement, the Wind Power Producer shall be entitled to specific performance of this Agreement or claim such damages as would be available under Law or both, at its option, by giving 30 days notice to DISCOM.

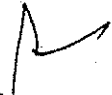
9.3 In the event, Wind Power Producer commits a breach of any of the terms of this Agreement, the DISCOM shall be entitled to specific performance of this Agreement or claim such damages as would be available under Law or both, at its option, by giving 30 days notice to Wind Power Producer.

9.4 If the default continues for a period of 30 days or more, either party will have a right to issue a preliminary notice for termination of this Agreement. If the default is not cured within 30 days thereafter, either party can terminate this Agreement and can claim damages at its option.

9.5 In the event of cancellation of the Project allotted to the Wind Power Producer by NREDCAP for any reason, the PPA with DISCOM will automatically get cancelled;

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

  
Authorised Signatory

  
CHIEF GENERAL MANAGER  
P & MM & IPC  
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**ARTICLE 10  
DISPUTE RESOLUTION**

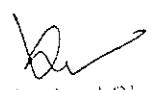
10.1 Each Party shall designate in writing to the other party a representative who shall be authorized to resolve any dispute arising under this Agreement in an equitable manner.


10.2. Following notice by one Party to the other setting out the particulars of the dispute, if the designated representatives are unable to resolve a dispute under this Agreement within 15 days, such dispute shall be referred by such representatives to a senior officer designated by the Wind Power Producer and a senior officer designated by the DISCOM, respectively, who shall attempt to resolve the dispute within a further period of 15 days.

10.3. The Parties hereto agree to use their best efforts to attempt to resolve all disputes arising hereunder promptly, equitably and in good faith and further agree to provide each other with reasonable access during normal business hours to any and all non-privileged records, information and data pertaining to any such dispute.

10.4 Failing resolution of the dispute in terms of the above provisions or even otherwise, any party may approach the AP Electricity Regulatory Commission to adjudicate upon the dispute in terms of Section 86 (1) (f) of Electricity Act, 2003.

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

  
Authorized Signatory

  
CHIEF GENERAL MANAGER  
P & MM & IPC  
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**ARTICLE 11  
SPECIAL PROVISIONS**

11.1 The waiver of any breach or failure to enforce any of the terms, covenants or conditions of this Agreement shall not in any way affect, limit, modify or waive the future enforcement of such terms, covenants or conditions.

11.2 No oral or written modification of this Agreement either before or after its execution shall be of any force or effect unless such modification is in writing and signed by the duly authorized representatives of the Wind Power Producer and the DISCOM, subject to the condition that any further modification of the Agreement shall be done only with the prior approval of Andhra Pradesh Electricity Regulatory Commission. However, the amendments to the Agreement as per the respective orders of APERC from time to time shall be carried out.

11.3 However, in respect of power evacuation, the voltage levels for interfacing with grid will be as per Article 1.20. The cost of interconnection facilities has to be borne by the Wind Power Producer as per Article 3.

11.4 The invalidity or unenforceability for any reason of any provision of this Agreement shall not prejudice or affect the validity or enforceability of any other provision of this Agreement.


11.5 The failure of any party to insist in one or more instances upon the strict performance of any of the provisions of this Agreement or to take advantage of any of its rights hereunder shall not be construed as a waiver of any such provisions or relinquishment of any such rights but the same shall continue in full force and effect.

11.6 Unless the context otherwise requires, every arrangement, procedure or any other matter which is, under any of the provisions of this Agreement,

For Axis Wind Farms (Valrakarur) Pvt Ltd.

  
Authorized Signatory

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CHIEF GENERAL MANAGER  
P & MM & IPC  
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required to be mutually agreed upon between the parties, shall be concluded by a written Agreement between the parties not later than the date specified in the concerned clause of this Agreement, subject to the consent of the APERC.

11.7 This Agreement, including Schedule I, II, III, IV & V attached hereto, constitute the entire agreement between the parties with respect to the subject matter hereof, and there are no oral or written understandings, representations or commitments of any kind, express or implied, not set forth herein.

11.8 The headings contained herein are included solely for the convenience of the parties and are not to be used as a basis for interpreting the various sections of this Agreement.

11.9 The parties each agree to act in good faith in implementing the terms and conditions of this Agreement and in carrying out their respective obligations hereunder.

11.10 In the event of the merger or re-organisation of DISCOM, if the resulting entity is able to perform DISCOM's obligations hereunder in no less a manner than DISCOM, the resulting entity shall take the right and responsibility for performance of DISCOM's obligations.

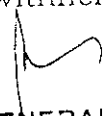
11.11 In the event of the merger or re-organisation of Wind Power Producer if the resulting entity is able to perform Wind Power Producer's obligations hereunder in no less a manner than Wind Power Producer, the resulting entity shall take the right and responsibility for performance of Wind Power Producer's obligations.

11.12 **Assignment and Financing:** Neither party shall assign this Agreement or any portion thereof to any third party without the prior written consent of the other party which consent shall not be unreasonably withheld.

**For Axis Wind Farms (Vajrakarur) Pvt Ltd.**

  
**Authorized Signatory**

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**CHIEF GENERAL MANAGER  
P & MM & IPC  
APSPDCL :: TIRUPATI**

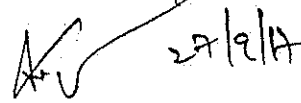
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IN WITNESS WHEREOF, the Wind Power Producer and the DISCOM have caused this Agreement to be executed as of the date and the year first set forth above.

For and behalf of  
SOUTHERN POWER DISTRIBUTION COMPANY  
OF A.P. LIMITED  
CHIEF GENERAL MANAGER  
P & MM & IPC  
APSPDCL :: TIRUPATI

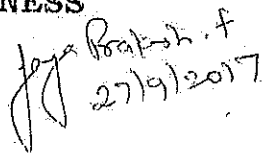
WITNESS

1.   
P.H. Janaki Ram  
27/9/17 By:

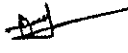
2.   
A.V.  
27/9/17 Its:  
AEC/PPA

For and behalf of  
M/S. AXIS WIND FARMS (VAJRAKARURI) PRIVATE LIMITED  
For Axis Wind Farms (Vajrakaruri) Pvt Ltd.

WITNESS

1.   
Jaya Prakash  
27/9/2017 By:

  
Authorized Signatory

2.   
Its:

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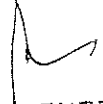
**SCHEDULE I**  
**Particulars of the Project**  
**(Referred to in the Preamble to the Agreement)**

Name of the Project	Location	No. of Wind Energy Converters	Capacity of the Project*	Power export to the Grid In MW
M/s. Axis wind Farms (Vajrakarur) private limited	Pottipadu North site in Anantapuram District	WTGs 24 (2 .1 MW each)	50.4 MW	50.148
	WTG Survey No			
	PPN110	181, 543, 182, 176, 178 & 354		
	PPN111	186, 414, 528, 187, 354 & 529		
	PPN118	545, 477, 539, 547, 548, 475, 476, & 546		
	PPN119	559, 555, 542 & 558		
	PPN120	78, 81, 85, 86, 77 & 79		
	PPN121	161, 349, 155, 154 & 164		
	PPN122	392, 157, 161, 393, 342, 159 & 158		
	PPN123	369, 343, 161, 204, 367 & 205		
	PPN124	208, 368 & 202		
	PPN125	31, 30, 40, 39, 36, 35 & 32		
	PPN126	60, 48, 45, 61, 59, 52, 51 & 50		
	PPN127	67, 68, 65 & 66		
	PPN128	355, 200, 356, 365 & 201		
	PPN129	397, 398, 401, 168 & 396		
	PPN142	354, 550, 433, 432, 575, 486, 353 & 351		
	PPN144	549, 354, 483 & 484		
PPN145	567, 354, 479, 476, 552 & 477			
PPN147	411, 354, 548, 471 & 566			
PPN153	1026, 1026			
PPN154	1026, 860 & 861			
PPN155	677, 751, 676, 888, 867 & 887			
PPN156	873, 874, 865 & 751			
PPN157	767, 749, 750, 766, 768, 769 & 770			
PPN158	858, 774, 857, 825, 732, 773 & 772			

\* Out of 50.4 MW, 0.252 MW is for Auxiliary Consumption and 50.148 MW is for export to grid for sale to DISCOM.

**For Axis Wind Farms (Vajrakarur) Pvt Ltd.**

  
 26  
 Authorized Signatory

  
 CHIEF GENERAL MANAGER  
 P & MM & IPC  
 APSPDCL :: TIRUPATI



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SCHEDULE - II  
(Copy of sanction proceedings from NREDCAP to the Company)

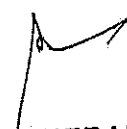
SCHEDULE - III  
(Copy of agreement entered into by the Company with NREDCAP)

SCHEDULE - IV  
Annexure - I to the Commission's order dated 30-03-2010 in O.P.No. 40 of 2010 and Commission's order dated 11-07-2012 in O.P.No.7 of 2012 and letter dated 04-06-2014 & Regulation No. 1 of 2015.

SCHEDULE - V  
Copy of Project Implementation Agreement dated 03.10.2016 entered between APTRANSCO, APSPDCL, APEPDCL and M/s. Suzlon Energy Ltd., & M/s. Axis Energy Ventures India Pvt. Ltd.

**For Axis Wind Farms (Vajrakarur) Pvt Ltd.**

  
**Authorized Signatory**

  
**CHIEF GENERAL MANAGER  
R & MM & IPC  
APSPDCL :: TIRUPATI**

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ఆంధ్ర ప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

Serial No: 64311

Purchased By :

J V KUMAR

S/O LATE JVLN SASTRY

HYDERABAD

Denomination: 100

For :

M/S AXIS WIND

FARMS(VAJRAKARUR

PVT LTD

Date 11-12-2018

Stamp S. no

CK 335683

CK 335683

Sub Registrar

Ex. Offico Stamp Vendor

SRO Tirupathi (R.O)

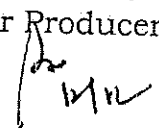
**Amendment dated. 12-12-2018 entered between APSPDCL and M/s.Axis Wind Farms (Vajrakarur) Pvt. Ltd., to the Power Purchase Agreement (PPA) dated 27.09.2017**

This Amendment to Power Purchase Agreement dated 27.09.2017 ("Amendment Agreement") is being entered into this 12<sup>th</sup> day of December, 2018 between: Southern Power Distribution Company of AP Limited (DISCOM), incorporated by the Government of Andhra Pradesh in accordance with the Andhra Pradesh Electricity Reform Act 1998 (Act No.30 of 1998), under the provisions of Companies Act, 1956, having its office at 19-13-65/A, Ragavendra Nagar, Kesavayana Gunta, Tiruchanoor Road Tirupati, Pin-517501, AP, India, hereinafter referred to as the "DISCOM" (which expression shall, unless repugnant to the context or meaning thereof, include its successors and assigns) as first party, and M/s. Axis wind Farms (Vajrakarur) Private Limited, a company incorporated under companies Act, 1956, having registered office at 2<sup>nd</sup> floor, Plot No.3, H.No. 6-3-680/8/3, PMR Plaza, Thakur Mansion lane, Somajiguda, Hyderabad - 500 082, India, hereinafter referred to as the "Wind Power Producer" (which

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

For

  
Authorised Signatory

  
CHIEF GENERAL MANAGER  
PROJECTS & IPC  
APSPDCL : : TIRUPATHI

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expression shall, unless repugnant to the con-text or meaning thereof, include its successors and assigns) as second party.

The first party and the second party shall hereinafter individually be referred as "Party" and collectively as "Parties".

WHEREAS, the Wind Power Producer is setting up the New and Renewable Energy Project i.e., the 50.4 MW capacity Wind power project at Pottipadu north Site in Anantapuram District, Andhra Pradesh (hereafter called the Project,) with a proposal of 0.252 MW for Auxiliary Consumption and 50.148 MW for export to grid for Sale to DISCOM,

WHEREAS, the Parties had executed power purchase agreement dated 29.09.2017 ("PPA") in relation to sale of power from the Project to the DISCOM,

WHEREAS, the Hon'ble APERC has communicated certain remarks in respect of the PPAs vide Lr.No.APERC/JD(PPP)/DD(PPP)/F.No.E-509/D.No.953/ 18, Dt. 20.11.2018


WHEREAS, in view of the above, the Parties have discussed and agreed to amend few provisions of the PPA and in consideration of the foregoing premises and their mutual covenants herein and under the PPA, and for other valuable consideration, the receipt and sufficiency of which are acknowledged, the Parties, intending to be legally bound hereby agree as follows:

1. Article 1.15 of the PPA shall stand revised and replaced with the following:

**"Pooling or Receiving Substation:** means 33KV/220 KV SS constructed, owned and maintained by the Wind Power Producer at Vajrakarur in Anantapuram District for the sole purpose of evacuating energy generated by the Project to the Grid System and for facilitating interconnection between the transmission lines emanating from the Project and the Grid System. As indicated in the Preamble, the Pooling Substation will be common for all Wind power projects connected to the Pooling Substation."

For Axis Wind Farms (Vajrakarur) Pvt Ltd.

  
Authorised Signatory

  
CHIEF GENERAL MANAGAR  
PROJECTS & IPC  
APSPDCL : : TIRUPATHI

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2. Article 2.2 of the PPA shall stand revised and replaced with the following:

"The Wind Power Producer shall be paid tariff for energy delivered at the interconnection point for sale to DISCOM, which shall be at the tariff rate as determined by APERC in accordance with section 61, Section 62, Section 86 of Electricity Act, 2003 and the principles contained in the provisions of the Central Electricity Regulatory Commission (Terms and Conditions for Tariff Determination from Renewable Energy Sources) Regulations, 2017 and the orders of APERC, without considering Accelerated Depreciation for a period of 25 years from the Commercial Operation Date."

3. Article 9.1 of the PPA shall stand revised and replaced with the following:

"The Wind Power Producer shall achieve Commercial Operation Date within two years from the date of consent for this Agreement is granted by APERC, default of which, the Agreement is liable for termination and the same can be done at the option of the DISCOM with due notice."

4. SCHEDULE IV of the PPA shall stand revised and replaced with the following:

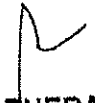
"Annexure - I to the Commission's order dated 30-03-2010 in O.P. No. 40 of 2010 and Commission's Order dated 11-07-2012 in O.P. No. 7 of 2012 and letter dated 04-06-2014 and the Central Electricity Regulatory Commission (Terms and Conditions for Tariff Determination from Renewable Energy Sources) Regulations, 2017."

5. This Amendment Agreement shall form an integral part of the PPA and except as stated herein above all other terms and conditions of the PPA shall remain unaltered and shall apply to this Amendment Agreement.

6. This Amendment Agreement shall be effective upon execution and shall be enforceable subject to receipt of the consent of Andhra Pradesh Electricity Regulatory Commission under Section 21 of the A.P. Electricity Reform Act, 1998.

**For Axis Wind Farms (Vajrakanur) Pvt Ltd.**

  
Authorised Signatory

  
CHIEF GENERAL MANAGAR  
PROJECTS & IPC  
APSPDCL : : TIRUPATHI





## ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION

From  
Secretary,  
# 11-4-660, 4<sup>th</sup> Floor,  
Singareni Bhavan,  
Red Hills, Lakdikapool,  
Hyderabad - 500 004.

To  
The Chief General Manager,  
P&MM & IPC, APSPDCL,  
Ragavendra Nagar, Kesavayanagunta,  
Tiruchanoor Road, Tirupati.

Lr.No. APERC/JD(PPP)/DD/PPP/F.No.E-1146/D.No.395/2018, Dt.15-05-2018

Sir,

Sub:- APERC - 12 Nos. Power Purchase Agreement of various Wind Power Project Clients of M/s Suzlon Gujarat Wind Park Ltd., and M/s Axis Wind Farms Vajrakarur at Beluguppa and Vajrakarur in Ananthapur Dist, Andhra Pradesh-Beg.

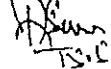
- Ref:-
1. Govt. of A.P. Lr.No. 117/Pr-II(A1)/2016, dated 14.09.2017.
  2. Lr.No. APSPDCL/TPT/CGM/IPC/F./D.No.23/18, dt:10.01.2018.
  3. Lr.No. APSPDCL/TPT/CGM/P&MM&IPC/GM/IPC/DE1/F./D.No.322/18 Dt. 09.04.2018.
  4. Lr.No. APERC/JD(PPP)/D.D/PPP/F.No.E-1146/D.No.324/2018, Dt. 20:04.2018.
  5. Lr.No. APSPDCL/TPT/CGM/IPC//GM/IPC/DE1/F.Axis/D.No.379/18 dt: 26.04.2018.

\*\*\*\*\*

With reference to your letter 2<sup>nd</sup> cited, wherein 12 Nos. Power Purchase Agreements have been submitted to the Commission for information, to determine tariff rates and to take further action and keeping in view the clarifications/documents furnished vide letters dated 09-04-2018 and 26-04-2018 cited at '3' and '4' above, I am directed to inform that further action, if any, on merits and as per law, can take place only upon filing an application for determination of tariff under Section 62 in such manner and accompanied by such fee.

The directions given by the Commission in the Retail Supply Tariff Order dated 27-03-2018, for FY2018-19, as it relates to Renewable Energy Projects including but not limited to on the issues of Must-run status and duration of agreement on which AP Discoms have to come back to the Commission with detailed views, may be expedited so that the findings of the Commission thereon can be used to mould the Power Purchase to achieve the desired effect, while considering to grant consent to new PPAs or determine tariff, henceforth on merits and as per law.

Yours faithfully,

  
15.5.2018  
Secretary (i/c)

Copy to:  
The Chief Engineer, IPC, APPCC,  
Vidyut Soudha, Khairatabad, Hyderabad - 500 082.

M/s Axis Energy Ventures Pvt Ltd, H.No.6-3-680/3, Plot No.3, 2<sup>nd</sup> floor,  
PMR Plaza, Thakur Mansion lane, Sqmajiguda, Hyderabad, AP.

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STATE ELECTRICITY REGULATORY COMMISSION GOVT. OF A.P. HYDRABAD  
TURKIDAPATI

To  
The Chief General Manager,  
RAVIM & PCL, APSIDCL,  
Ragunandra Nagar, P.K. Sawa, Anantapur,  
Anantapur Road, Anantapur

No  
The Secretary, APDRC,  
11-1-660, 4th Floor,  
Sungam Bazar, Red Hills,  
Hyderabad - 500 004

It No. APSIDCL/NET/CIV/APC/IT/ADNo. 23/18 Dtd. 10-01-2018

Sub: APSIDCL-12 Nos Power Purchase Agreements of various wind power projects of M/s. Suzlon Gujarat Wind Park Ltd and M/s. Axis Wind Farms Vajrakarni at Belguppa & Vajrakarni in Anantapur District, Andhra Pradesh - Submitted - Reg.

- Ref: 1) Govt of AP Letter No. 117/PR(HA1)/2016 Dtd. 14-09-2017  
2) 12 Nos Power Purchase Agreement dt. 27-09-2017.

It is to submit that as per GO AP Orders cited in reference (1), 12 Nos Power purchase agreement have been entered on 27-09-2017 by APSIDCL with various wind power project Developers, for various Capacities (MW) at Belguppa & Vajrakarni in Anantapur District on non-judicial stamp paper worth of Rs.100/- (each) in the format communicated by Honble APDRC for Wind Power Project under Cluster scheme. The details of developer name, capacity and date of PPAs etc are furnished below. Further copies of 12 Nos Power Purchase Agreements along with NRDDC/AP Proceedings & MOU with NRDDC/AP and certificates etc are here with submitted for information to determine Tariff rates and to take further action please.

S/No	Name of the Developer	Plant Capacity in MW	Date of PPA	Location details
1.	M/s. Axis Wind Farms (Amidyala) Pvt Ltd	50.4	27-09-2017	Amidyala
2.	M/s. Axis Wind Farms (Rekella) Pvt Ltd	63.6	27-09-2017	Amidyala

3	M/s Axis Wind Farms (Pallipadu) Pvt Ltd	50.4	27-09-2017	Pottipadu North
4	M/s Axis Wind Farms (Vajrakarun) Pvt Ltd	50.4	27-09-2017	Pottipadu North
5	M/s Axis Wind Farms (Kalyandurg) Pvt Ltd	50.4	27-09-2017	Borampalli
6	M/s Axis Wind Farms (Seerp) Pvt Ltd	50.4	27-09-2017	Borampalli
7	M/s Axis Wind Farms (Borampalli) Pvt Ltd	50.4	27-09-2017	Borampalli
8	M/s Axis Wind Farms (Godavari) Pvt Ltd	50.4	27-09-2017	Borampalli
9	M/s Axis Wind Farms (Chapiri) Pvt Ltd	48.3	27-09-2017	Borampalli
10	M/s Axis Wind Farms (Manirevu) Pvt Ltd	50.4	27-09-2017	Nuthimadugu
11	M/s Axis Wind Farms (Andhra Pradesh) Pvt Ltd	50.4	27-09-2017	Nuthimadugu
12	M/s Axis Wind Farms (Penna) Pvt Ltd	50.4	27-09-2017	Nuthimadugu

Encl. 1-12 Nos. PPA along with NREDCAP Proceedings & Agreement

Yours faithfully,

CHIEF GENERAL MANAGER  
P&MM & IPC  
APSPDCL, TIRUPATI

Copy to the Chief Engineer/IPC/APPCC/Vidyuth Soudha/Hyderabad  
Copy to Suzlon energy Ltd, 6-3-1090, G-Block, 2nd floor, TSR towers,  
Somajiguda, Rajbhavan Road, Hyderabad  
Copy to Axis Energy Ventures Pvt Ltd, H.No: 6-3-680/3, Plot No: 3, 2nd floor,  
PMR Plaza, Bhakti Mansion lane, Somajiguda, Hyderabad, AP

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Annexure No. 1

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CERC (Terms and Conditions for Tariff determination from Renewable Energy Sources)  
Regulations, 2017

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**CENTRAL ELECTRICITY REGULATORY COMMISSION**

**NEW DELHI**

No.: 1/21/2017-Reg.Aff./(RE-Tariff - 2017-20)/CERC

Dated: 17<sup>th</sup> April 2017

**NOTIFICATION**

In exercise of powers conferred under Section 61 read with Section 178 (2)(s) of the Electricity Act, 2003 (36 of 2003), and all other powers enabling it in this behalf, and after previous publication, the Central Electricity Regulatory Commission hereby makes the following regulations, namely:

**1. Short title and commencement**

- 1) These regulations may be called the Central Electricity Regulatory Commission (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2017.
- 2) These regulations shall come into force on 1.4.2017, and unless reviewed earlier or extended by the Commission, shall remain in force for a period of 3 years from the date of commencement.

**2. Definitions and Interpretation**

- 1) In these regulations, unless the context otherwise requires,
  - a) 'Act' means the Electricity Act, 2003 (36 of 2003);
  - b) 'Auxiliary energy consumption' or 'AUX' in relation to a period in case of a generating station means the quantum of energy consumed by auxiliary equipment of the generating station, and transformer losses

CERC (Terms and Conditions for Tariff determination from Renewable Energy Sources)  
Regulations, 2017

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- within the generating station, expressed as a percentage of the sum of gross energy generated at the generator terminals of all the units of the generating station;
- c) 'Biomass' means wastes produced during agricultural and forestry operations (for example straws and stalks) or produced as a by-product of processing operations of agricultural produce (e.g., husks, shells, deoiled cakes, etc); wood produced in dedicated energy plantations or recovered from wild bushes/weeds; and the wood waste produced in some industrial operations;
  - d) 'Biomass gasification' means a process of incomplete combustion of biomass resulting in production of combustible gases consisting of a mixture of Carbon monoxide (CO), Hydrogen (H<sub>2</sub>) and traces of Methane (CH<sub>4</sub>), which is called producer gas;
  - e) 'Biogas' means a gas created when organic matter like crop residues, sewage and manure breaks down in an oxygen-free environment (ferments);
  - f) 'Capital cost' means the capital cost as defined in regulations 12, 25, 28, 33, 44, 52, 57, 62, 70 and 77;
  - g) 'Commission' means the Central Electricity Regulatory Commission referred to in sub-section (1) of section 76 of the Act;
  - h) 'Conduct of Business Regulations' means the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 as amended from time to time;
  - i) 'Control Period or Review Period' means the period during which the norms for determination of tariff specified in these regulations shall remain valid;
  - j) 'Gross calorific value' or 'GCV' in relation to a fuel used in generating station means the heat produced in kCal by complete combustion of one kilogram of solid fuel or one liter of liquid fuel or one standard cubic meter of gaseous fuel, as the case may be;
  - k) 'Gross station heat rate' or 'SHR' means the heat energy input in
-

CERC (Terms and Conditions for Tariff determination from Renewable Energy Sources)  
Regulations, 2017

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- kCal required to generate one kWh of electrical energy at generator terminals of a thermal generating station;
- l) **'Hybrid Solar Thermal Power Plant'** means the solar thermal power plant that uses other forms of energy input sources along with solar thermal energy for electricity generation, and wherein not less than 75% of electricity is generated from solar energy component;
- m) **'Installed capacity'** or 'IC' means the summation of the name plate capacities of all the units of the generating station or the capacity of the generating station (reckoned at the generator terminals), approved by the Commission from time to time;
- n) **'Inter-connection Point'** shall mean interface point of renewable energy generating facility with the transmission system or distribution system, as the case maybe:
- i. in relation to wind energy projects and solar photovoltaic Projects, inter-connection point shall be line isolator on outgoing feeder on HV side of the pooling sub-station;
  - ii. in relation to small hydro power, biomass power and non fossil fuel based cogeneration power projects and solar thermal Power Projects the, inter-connection point shall be line isolator on outgoing feeder on HV side of generator transformer;
- o) **'MNRE'** means the Ministry of New and Renewable Energy of the Government of India;
- p) **'Municipal solid waste'** or 'MSW' means and includes commercial and residential wastes generated in a municipal or notified areas in either solid or semi-solid form excluding industrial hazardous wastes but including treated bio-medical wastes;
- q) **'Non-firm power'** means the power generated from renewable sources, the hourly variation of which is dependent upon nature's phenomenon like sun, cloud, wind, etc., that cannot be accurately predicted;
- r) **'Non fossil fuel based co-generation'** means the process in which
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CERC (Terms and Conditions for Tariff determination from Renewable Energy Sources)  
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- more than one form of energy (such as steam and electricity) are produced in a sequential manner by use of biomass provided the project may qualify to be a co-generation project if it fulfills the eligibility criteria as specified in clause (4) of Regulation 4;
- s) **'Operation and maintenance expenses'** or **'O&M expenses'** means the expenditure incurred on operation and maintenance of the project, or part thereof, and includes the expenditure on manpower, repairs, spares, consumables, insurance and overheads;
  - t) **'Project'** means a generating station or the evacuation system upto inter-connection point, as the case may be, and in case of a small hydro generating station includes all components of generating facility such as dam, intake water conductor system, power generating station and generating units of the scheme, as apportioned to power generation;
  - u) **'Refuse derived fuel'** or **'RDF'** means segregated combustible fraction of solid waste other than chlorinated plastics in the form of pellets or fluff produced by drying, de-stoning, shredding, dehydrating, and compacting combustible components of solid waste that can be used as fuel;
  - v) **'Renewable Energy'** means the grid quality electricity generated from renewable energy sources;
  - w) **'Renewable Energy Power Plants'** means the power plants other than the conventional power plants generating grid quality electricity from renewable energy sources;
  - x) **'Renewable Energy Sources'** means renewable sources such as small hydro, wind, solar including its integration with combined cycle, biomass, bio fuel cogeneration, urban or municipal waste and other such sources as approved by the MNRE;
  - y) **'Small Hydro'** means Hydro Power projects with a station capacity up to and including 25 MW;
  - z) **'Solar PV power'** means the Solar Photo Voltaic power project that uses sunlight for direct conversion into electricity through Photo Voltaic

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CERC (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2017

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technology;

- aa) **'Solar Thermal power'** means the Solar Thermal power project that uses sunlight for direct conversion into electricity through Concentrated Solar Power technology based on either line focus or point focus principle;
- bb) **'Tariff period'** means the period for which tariff is to be determined by the Commission on the basis of norms specified under these Regulations;
- cc) **'Useful Life'** in relation to a unit of a generating station including evacuation system shall mean the following duration from the date of commercial operation (COD) of such generation facility, namely:-
- |   |          |
|---|----------|
| (a) Wind energy power project   | 25 years |
| (b) Biomass power project with Rankine cycle technology                           | 20 years |
| (c) Non-fossil fuel cogeneration project  | 20 years |
| (d) Small Hydro Plant   | 35 years |
| (e) Municipal Solid Waste (MSW) and Refuse Derived Fuel (RDF) based power project | 20 years |
| (f) Solar PV/Solar thermal power project  | 25 years |
| (g) Biomass Gasifier based power project  | 20 years |
| (h) Biogas based power project  | 20 years |

dd) **'Year'** means a financial year.

- (2) Save as aforesaid and unless repugnant to the context or if the subject-matter otherwise requires, words and expressions used in these regulations and not defined, but defined in the Act, or the Indian Electricity Grid Code or the Central Electricity Regulatory Commission (Terms and conditions of Tariff) Regulations, 2014 shall have the meanings assigned to

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CERC (Terms and Conditions for Tariff determination from Renewable Energy Sources)  
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them respectively in the Act or the Indian Electricity Grid Code or the Central Electricity Regulatory Commission (Terms and conditions of Tariff) Regulations, 2014.

**3. Scope and extent of application**

These regulations shall apply in all cases where tariff, for a generating station or a unit thereof commissioned during the Control Period and based on renewable sources of energy, is to be determined by the Commission under Section 62 read with Section 79 of the Act.

Provided that in cases of Wind, Small Hydro projects, Biomass power based on Rankine cycle, non-fossil fuel based cogeneration projects, Solar PV, Solar Thermal power projects, Biomass gasifier, Biogas power project, Municipal solid waste and Refuse derived fuel based power projects, these regulations shall apply subject to the fulfillment of eligibility criteria specified in Regulation 4 of these Regulations.

**4. Eligibility Criteria**

- a) **Wind power project** – using new wind turbine generators, located at the sites approved by State Nodal Agency/State Government.
- b) **Small hydro project** – located at the sites approved by State Nodal Agency/State Government using new plant and machinery, and installed power plant capacity to be lower than or equal to 25 MW at single location.
- c) **Biomass power project based on Rankine cycle technology** – Biomass power projects using new plant and machinery based on Rankine cycle technology and using biomass fuel sources, without use of fossil fuel.
- d) **Non-fossil fuel based co-generation project:** The project shall qualify to be termed as a non-fossil fuel based co-generation project, if it is using new plant and machinery and is in accordance with the definition and also meets the



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CERC (Terms and Conditions for Tariff determination from Renewable Energy Sources)  
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qualifying requirement outlined below:

**Topping cycle mode of co-generation** – Any facility that uses non-fossil fuel input for the power generation and also utilizes the thermal energy generated for useful heat applications in other industrial activities simultaneously.

Provided that for the co-generation facility to qualify under topping cycle mode, the sum of useful power output and one half the useful thermal output be greater than 45% of the facility's energy consumption, during season.

**Explanation-** For the purposes of this clause,

- (a) 'Useful power output' is the gross electrical output from the generator. There will be an auxiliary consumption in the cogeneration plant itself (e.g. the boiler feed pump and the FD/ID fans). In order to compute the net power output it would be necessary to subtract the auxiliary consumption from the gross output. For simplicity of calculation, the useful power output is defined as the gross electricity (kWh) output from the generator.
- (b) 'Useful Thermal Output' is the useful heat (steam) that is provided to the process by the cogeneration facility.
- (c) 'Energy Consumption' of the facility is the useful energy input that is supplied by the fuel (normally bagasse or other such biomass fuel).
- (d) 'Topping Cycle' means a co-generation process in which thermal energy produces electricity followed by useful heat application.
- e) **Solar PV and Solar Thermal Power Project** – Based on technologies approved by MNRE.
- f) **Biomass Gasifier based Power Project** – The project shall qualify to be termed as a biomass gasifier based power project, if it is using new plant and machinery and having a Grid connected system that uses 100% producer gas engine, coupled with gasifier technologies approved by MNRE.
- g) **Biogas based Power Project** – The project shall qualify to be termed as a biogas based power project, if it is using new plant and machinery and having

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CERC (Terms and Conditions for Tariff determination from Renewable Energy Sources)  
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grid connected system that uses 100% Biogas fired engine, coupled with Biogas technology for co-digesting agriculture residues, manure and other bio waste as may be approved by MNRE.

- h) **Municipal solid waste (MSW) based power projects** – The project shall qualify to be termed as a Municipal solid waste (MSW) based power project if it is using new plant and machinery based on Rankine cycle technology and using Municipal solid waste (MSW) as fuel sources
- i) **Refuse derived fuel (RDF) based power projects** – The project shall qualify to be termed as a Refuse derived fuel (RDF) based power project, if it is using new plant and machinery based on Rankine cycle technology and using Refuse derived fuel (RDF) as fuel sources

**Chapter 1: General Principles**

**5. Control Period or Review Period**

The Control Period or Review Period under these Regulations shall be of three (3) years, of which the first year shall be the financial year 2017-18.

Provided further that the tariff determined as per these Regulations for the RE projects commissioned during the Control Period, shall continue to be applicable for the entire duration of the Tariff Period as specified in Regulation 6 below.

Provided also that the revision in Regulations for next Control Period shall be undertaken six months prior to the end of the first Control Period and in case Regulations for the next Control Period are not notified until commencement of next Control Period, the tariff norms as per these Regulations shall continue to remain applicable until notification of the revised Regulations subject to adjustments as per revised Regulations.

**6. Tariff Period**

- a) The Tariff Period for Renewable Energy power projects will be same as their Useful Life as defined in Regulation 2 (1) (cc)
- b) Tariff period under these Regulations shall be considered from the date of commercial operation of the renewable energy generating stations.
- c) Tariff determined as per these Regulations shall be applicable for Renewable Energy power projects, for the duration of the Tariff Period as stipulated under Clause (a) and (b).

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CERC (Terms and Conditions for Tariff determination from Renewable Energy Sources)  
Regulations, 2017

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**7. Project Specific tariff**

- a) Project specific tariff, on case to case basis, shall be determined by the Commission for the following types of projects:
- i. Solar PV and Solar Thermal;
  - ii. Wind Energy (including on-shore and off-shore);
  - iii. Biomass Gasifier based projects; if a project developer opts for project specific tariff;
  - iv. Biogas based projects; if a project developer opts for project specific tariff;
  - v. Municipal Solid Waste and Refuse Derived Fuel based projects with Rankine cycle technology;
  - vi. Hybrid Solar Thermal Power Projects;
  - vii. Other hybrid projects include renewable-renewable or renewable-conventional sources, for which renewable technology is approved by MNRE;
  - viii. Any other new renewable energy technologies approved by MNRE.
- b) Determination of Project specific tariff for generation of electricity from such renewable energy sources shall be in accordance with such terms and conditions as stipulated under relevant Orders of the Commission.
- c) No annual generic tariff shall be determined for the technologies mentioned in Clause (a) of this Regulation. Financial and Operational norms as may be specified would be the ceiling norms while determining the project specific tariff.
- Provided that the financial norms as specified under Chapter-2 of these Regulations, except for capital cost, shall be ceiling norms while determining the project specific tariff.

**8. Petition and proceedings for determination of tariff**

- (1) The Commission shall determine the generic tariff on the basis of suo-motu petition six months in advance at the beginning of each year of the Control

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period for renewable energy technologies for which norms have been specified under the Regulations.

(2) A petition for determination of project specific tariff shall be accompanied by such fee as may be determined by regulations and shall be accompanied by:

- a) Information in forms 1.1, 1.2, 2.1 and 2.2 as the case may be, and as appended in these regulations;
- b) Detailed project report outlining technical and operational details, site specific aspects, premise for capital cost and financing plan etc.
- c) A statement of all applicable terms and conditions and expected expenditure for the period for which tariff is to be determined.
- d) A statement containing full details of calculation of any subsidy and incentive received, due or assumed to be due from the Central Government and/or State Government. This statement shall also include the proposed tariff calculated without consideration of the subsidy and incentive.
- e) Any other information that the Commission requires the petitioner to submit.

(3) The proceedings for determination of tariff shall be in accordance with the Conduct of Business Regulations.

**9. Tariff Structure**

The tariff for renewable energy technologies shall be single part tariff consisting of the following fixed cost components:

- (a) Return on equity;
- (b) Interest on loan capital;
- (c) Depreciation;
- (d) Interest on working capital;
- (e) Operation and maintenance expenses;

Provided that for renewable energy technologies having fuel cost component, like biomass power projects and non-fossil fuel based cogeneration, single part

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tariff with two components, fixed cost component and fuel cost component, shall be determined.

**10. Tariff Design**

- (1) The generic tariff shall be determined considering the year of commissioning of the project, on levellised basis for the Tariff Period. Provided that for renewable energy technologies having single part tariff with two components, tariff shall be determined on levellised basis considering the year of commissioning of the project for fixed cost component while the fuel cost component shall be specified on year of operation basis.
- (2) For the purpose of levellised tariff computation, the discount factor equivalent to Post Tax weighted average cost of capital shall be considered.
- (3) Levellisation shall be carried out for the 'useful life' of the Renewable Energy project.
- (4) The above principles shall also apply for project specific tariff.

**11. Despatch principles for electricity generated from Renewable Energy Sources:**

- (1) All renewable energy power plants except for biomass power plants with installed capacity of 10 MW and above, and non-fossil fuel based cogeneration plants shall be treated as 'MUST RUN' power plants and shall not be subjected to 'merit order despatch' principles.
- (2) The biomass power generating station with an installed capacity of 10 MW and above and non-fossil fuel based co-generation projects shall be subjected to scheduling and despatch code as specified under Indian Electricity Grid Code (IEGC) and Central Electricity Regulatory Commission (Deviation Settlement Mechanism and Related Matters) Regulations, 2014 including amendments thereto.

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- (3) Scheduling of wind and solar energy shall be governed as per the aforesaid provisions of Central Electricity Regulatory Commission (Indian Electricity Grid Code) (Third Amendment) Regulations, 2015 and Central Electricity Regulatory Commission (Deviation Settlement Mechanism and related matters) (Second Amendment) Regulations, 2015 as amended from time to time.

## Chapter 2: Financial Principles

### 12. Capital Cost

The norms for the Capital cost as specified in the subsequent technology specific chapters shall be inclusive of all capital work including plant and machinery, civil work, erection and commissioning, financing and interest during construction, and evacuation infrastructure up to inter-connection point.

Provided that for project specific tariff determination, the generating company shall submit the break-up of capital cost items along with its petition in the manner specified under Regulation 8.

### 13. Debt Equity Ratio

(1) For generic tariff to be determined based on suo-motu petition, the debt equity ratio shall be 70:30.

(2) For Project specific tariff, the following provisions shall apply:-

If the equity actually deployed is more than 30% of the capital cost, equity in excess of 30% shall be treated as normative loan.

Provided that where equity actually deployed is less than 30% of the capital cost, the actual equity shall be considered for determination of tariff:

Provided further that the equity invested in foreign currency shall be designated in Indian rupees on the date of each investment.

### 14. Loan and Finance Charges

#### (1) Loan Tenure

For the purpose of determination of tariff, loan tenure of 13 years shall be considered.



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**(2) Interest Rate**

- (a) The loans arrived at in the manner indicated in Regulation 13 shall be considered as gross normative loan for calculation for interest on loan. The normative loan outstanding as on April 1<sup>st</sup> of every year shall be worked out by deducting the cumulative repayment up to March 31<sup>st</sup> of previous year from the gross normative loan.
- (b) For the purpose of computation of tariff, normative interest rate of two hundred (200) basis points above the average State Bank of India Marginal Cost of Funds based Lending Rate (MCLR) (one year tenor) prevalent during the last available six months shall be considered.
- (c) Notwithstanding any moratorium period availed by the generating company, the repayment of loan shall be considered from the first year of commercial operation of the project and shall be equal to the annual depreciation allowed.

**15. Depreciation**

- (1) The value base for the purpose of depreciation shall be the Capital Cost of the asset admitted by the Commission. The Salvage value of the asset shall be considered as 10% and depreciation shall be allowed up to maximum of 90% of the Capital Cost of the asset.
- (2) Depreciation rate of 5.28% per annum for first 13 years and remaining depreciation to be spread during remaining useful life of the RE projects considering the salvage value of the project as 10% of project cost shall be considered.
- (3) Depreciation shall be chargeable from the first year of commercial operation.

Provided that in case of commercial operation of the asset for part of the year, depreciation shall be charged on pro rata basis.

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16. Return on Equity

- (1) The value base for the equity shall be 30% of the capital cost or actual equity (in case of project specific tariff determination) as determined under Regulation 13.
- (2) The normative Return on Equity shall be 14%, to be grossed up by prevailing Minimum Alternate Tax (MAT) as on 1<sup>st</sup> April of previous year for the entire useful life of the project.

17. Interest on Working Capital

- (1) The Working Capital requirement in respect of Wind energy projects, Small Hydro Power, Solar PV and Solar thermal power projects shall be computed in accordance with the following:
  - a) Operation & Maintenance expenses for one month;
  - b) Receivables equivalent to 2 (Two) months of energy charges for sale of electricity calculated on the normative Capacity Utilisation Factor (CUF);
  - c) Maintenance spare @ 15% of operation and maintenance expenses
- (2) The Working Capital requirement in respect of Biomass power projects with Rankine Cycle technology, Biogas, Biomass Gasifier based power projects, non-fossil fuel based Co-generation, Municipal Solid Waste and Refuse Derived Fuel projects shall be computed in accordance with the following clause :
  - a) Fuel costs for four months equivalent to normative Plant Load Factor (PLF);
  - b) Operation & Maintenance expense for one month;
  - c) Receivables equivalent to 2 (Two) months of fixed and variable charges for sale of electricity calculated on the target PLF;
  - d) Maintenance spare @ 15% of operation and maintenance expenses

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- (3) Interest on Working Capital shall be at interest rate equivalent to the normative interest rate of three hundred (300) basis points above the average State Bank of India MCLR (One Year Tenor) prevalent during the last available six months for the determination of tariff.

**18. Calculation of CUF/PLF:**

The number of hours for calculation of CUF/PLF (wherever applicable) for various RE technologies shall be 8766.

**19. Operation and Maintenance Expenses**

- (1) 'Operation and Maintenance or O&M expenses' shall comprise repair and maintenance (R&M), establishment including employee expenses, and administrative and general expenses.
- (2) Operation and maintenance expenses shall be determined for the Tariff Period based on normative O&M expenses specified by the Commission subsequently in these Regulations for the first Year of Control Period.
- (3) Normative O&M expenses allowed during first year of the Control Period (i.e. FY 2017-18) under these Regulations shall be escalated at the rate of 5.72% per annum over the Tariff Period.

**20. Rebate.**

- (1) For payment of bills of the generating company through letter of credit, a rebate of 2% shall be allowed.
- (2) Where payments are made other than through letter of credit within a period of one month of presentation of bills by the generating company, a rebate of 1% shall be allowed.

**21. Late payment surcharge**

In case the payment of any bill for charges payable under these regulations is

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delayed beyond a period of 60 days from the date of billing, a late payment surcharge at the rate of 1.25% per month shall be levied by the generating company.

## 22. Sharing of CDM Benefits

- (1) The proceeds of carbon credit from approved CDM project shall be shared between generating company and concerned beneficiaries in the following manner, namely-
  - a) 100% of the gross proceeds on account of CDM benefit to be retained by the project developer in the first year after the date of commercial operation of the generating station;
  - b) In the second year, the share of the beneficiaries shall be 10% which shall be progressively increased by 10% every year till it reaches 50%, where after the proceeds shall be shared in equal proportion, by the generating company and the beneficiaries.

## 23. Subsidy or incentive by the Central / State Government

The Commission shall take into consideration any incentive or subsidy offered by the Central or State Government, including accelerated depreciation benefit if availed by the generating company, for the renewable energy power plants while determining the tariff under these Regulations.

Provided that the following principles shall be considered for ascertaining income tax benefit on account of accelerated depreciation, if availed, for the purpose of tariff determination:

- i) Assessment of benefit shall be based on normative capital cost, accelerated depreciation rate as per relevant provisions under Income Tax Act and corporate income tax rate.
  - ii) Capitalization of RE projects during second half of the fiscal year. Per unit benefit shall be derived on levelled basis at discount factor equivalent to
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weighted average cost of capital.

**24. Taxes and Duties**

Tariff determined under these regulations shall be exclusive of taxes and duties as may be levied by the appropriate Government:

Provided that the taxes and duties levied by the appropriate Government shall be allowed as pass through on actual incurred basis.

Chapter 3: Technology specific parameters for Wind Energy

25. Capital Cost

The Commission shall determine only project specific capital cost and tariff, based on prevailing market trends for wind energy project.

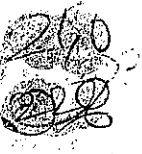
26. Capacity Utilisation Factor (CUF)

(1) CUF norms for this control period shall be as follows:

Annual Mean Wind Power Density (W/m <sup>2</sup> )	CUF
Upto 220	22%
221-275	24%
276-330	28%
331-440	33%
> 440	35%

(2) The annual mean wind power density specified in sub-regulation (1) above shall be measured at 100 meter hub-height.

(3) For the purpose of classification of wind energy project into particular wind zone class, as per MNRE guidelines for wind measurement, wind mast either put-up by NWE or a private developer and validated by NWE, would be normally extended 10 km from the mast point in all directions for uniform terrain and limited to appropriate distance in complex terrain with regard to complexity of the site. Based on such validation by NWE, state nodal agency should certify zoning of the proposed wind farm complex.



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**27. Operation and Maintenance (O & M) Expenses**

The Commission shall determine only Project Specific O&M Expenses based on the prevailing market information.

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Chapter 4: Technology specific parameters for Small Hydro Project

28. Capital Cost

- (1) The normative capital cost for small hydro projects during first year of Control Period (FY 2017-18) shall be as follows:

Region	Project Size	Capital Cost (Rs. Lakh/ MW)
Himanchal Pradesh, Uttarakhand, West Bengal and North Eastern States	Below 5 MW	1000
	5 MW to 25 MW	900
Other States	Below 5 MW	779
	5 MW to 25 MW	707

(2) Capital Cost Indexation Mechanism

The Capital Cost for SHP as specified for first year of control period will remain valid for the entire duration of the control period unless reviewed earlier by the Commission.

29. Capacity Utilisation Factor

CUF for the small hydro projects located in Himachal Pradesh, Uttarakhand, West Bengal and North Eastern States shall be 45% and for other States, CUF shall be 30%.

**Explanation:** For the purpose of this Regulation normative CUF is net of free power to the home state if any, and any quantum of free power if committed by the developer over and above the normative CUF shall not be factored into the tariff.



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**30. Auxiliary Consumption**

Normative Auxiliary Consumption for the small hydro projects shall be 1.0%.

**31. Operation and Maintenance Expenses**

- (1) Normative O&M expenses for the first year of the Control period (i.e. FY 2017-18 shall be as follows.

Region	Project Size	O&M Expense (Rs. Lakh/ MW)
Himachal Pradesh, Uttarakhand, West Bengal and North Eastern States	Below 5 MW	36
	5 MW to 25 MW	27
Other States	Below 5 MW	29
	5 MW to 25 MW	21

- (2) Normative O&M expenses allowed under these Regulations shall be escalated at the rate of 5.72% per annum for the Tariff Period for the purpose of determination of levellised tariff.

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Chapter 5: Technology specific parameters for Biomass Power Projects  
based on Rankine Cycle Technology

32. Technology Aspect

The norms for tariff determination specified hereunder are for biomass power projects based on Rankine cycle technology application using air-cooled or water-cooled condenser.

33. Capital Cost

- (1) The Commission proposes to determine normative capital cost for FY 2017-18 for Biomass Projects as under;

Biomass Rankine Cycle Projects	Capital Cost (FY 2017-18) (Rs. lakhs/ MW)
Project [other than rice straw and juliflora (plantation) based project] with water cooled condenser	559.03
Project [other than rice straw and Juliflora(plantation) based project] with air cooled condenser	600.44
For rice straw and juliflora (plantation) based project with water cooled condenser	610.80
For rice straw and juliflora (plantation) based project with air cooled condenser	652.20

(2) Capital Cost Indexation Mechanism

The Capital Cost for Biomass Power Projects based on Rankine Cycle Technology as specified for first year of the control period will remain valid for the entire

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duration of the control period unless reviewed earlier by the Commission.

**34. Plant Load Factor**

- (1) Threshold PLF for determining fixed charge component of Tariff shall be:
  - a) During Stabilisation: 60%
  - b) During the remaining period of the first year (after stabilization): 70%
  - c) From 2 Year onwards: 80 %
- (2) The stabilisation period shall not be more than 6 months from the date of commissioning of the project.

**35. Auxiliary Consumption**

The auxiliary power consumption factor shall be as follows:-

- a) For the project using water cooled condenser:
  - i. During first year of operation : 11%
  - ii. From 2<sup>nd</sup> year onwards : 10%
- b) For the project using air cooled condenser:
  - i. During first year of operation : 13%
  - ii. From 2<sup>nd</sup> year onwards : 12%

**36. Station Heat Rate**

The Station Heat Rate for biomass power projects shall be :

- a) For projects using travelling grate boilers : 4200 kCal/kWh
- b) For projects using AFBC boilers : 4125 kCal/ kWh

**37. Operation and Maintenance Expenses**

- (1) Normative O&M expenses for the first year of the Control period (i.e. FY

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2017-18 shall be Rs. 40 Lakh per MW.

(2) Normative O&M expenses allowed at the commencement of the Control Period (i.e. FY 2017-18) under these Regulations shall be escalated at the rate of 5.72% per annum.

### 38. Fuel Mix

(1) The biomass power plant shall be designed in such a way that it uses different types of non-fossil fuels available within the vicinity of biomass power project such as crop residues, agro-industrial residues, forest residues etc. and other biomass fuels as may be approved by MNRE.

(2) The Biomass Power Generating Companies shall ensure fuel management plan to ensure adequate availability of fuel to meet the respective project requirements.

### 39. Use of Fossil Fuel

The use of fossil fuels shall not be allowed.

Provided that for the biomass power projects commissioned on or before 31.03.2017, the use of fossil fuels to the extent of 15% in terms of calorific value on annual basis shall be allowed for the tariff period from the date of commissioning.

### 40. Monitoring Mechanism for the use of fossil fuel

(1) The Project developer shall furnish a monthly fuel usage statement and monthly fuel procurement statement duly certified by Chartered Accountant to the beneficiary (with a copy to appropriate agency appointed by the Commission for the purpose of monitoring the fossil and non-fossil fuel consumption) for each month, along with the monthly energy bill.

(2) Non-compliance with the condition of fossil fuel usage by the project developer,

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during any financial year, shall result in withdrawal of applicability of tariff as per these Regulations for such biomass based power project.

**41. Calorific Value**

The Calorific Value of the biomass fuel used for the purpose of determination of tariff shall be at 3100 kCal/kg.

**42. Fuel Cost**

Biomass fuel price during first year of the Control Period (i.e. FY 2017-18) shall be as specified in the table below and shall be escalated at 5% to arrive at the base price for subsequent years of the Control Period, unless specifically reviewed by Commission. For the purpose of determining levelled tariff, a normative escalation factor of 5% per annum shall be applicable on biomass prices.

State	FY2017-18 (Rs./MT)
Andhra Pradesh	2873.22
Haryana	3270.39
Maharashtra	3344.85
Punjab	3420.56
Rajasthan	2854.60
Tamil Nadu	2826.05
Uttar Pradesh	2922.86
Other States	3073.05

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Chapter 6: Technology specific parameters for Non-fossil fuel based  
Cogeneration Projects

43. Technology Aspect

A project shall qualify as a non-fossil fuel based Co-generation project, if it is in accordance with the eligibility criteria as specified under Regulation 4(d).

44. Capital Cost

The normative capital cost for the non-fossil fuel based cogeneration projects shall be Rs. 492.5 Lakh/MW for high boiler pressure projects for the first year of Control Period (i.e. FY 2017-18), and will remain valid for the entire duration of the control period unless reviewed earlier by the Commission.

45. Plant Load Factor

(1) For the purpose of determining fixed charge, the PLF for non-fossil fuel based cogeneration projects shall be computed on the basis of plant availability for number of operating days considering operations during crushing season and off-season as specified under clause (2) below and load factor of 92%.

(2) The number of operating days for different States shall be as follows:

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State	Operating Days	Plant Load Factor (%)
Uttar Pradesh and Andhra Pradesh	120 days (crushing) + 60 days (off-season) = 180 days operating days	45%
Tamil Nadu and Maharashtra	180 days (crushing) + 60 days (off-season) = 240 days operating days	60%
Other States	150 days (crushing) + 60 days (off-season) = 210 days operating days	53%

**46. Auxiliary Consumption**

The auxiliary power consumption factor shall be 8.5% for the computation of tariff.

**47. Station Heat Rate**

The Station Heat Rate of 3600 kCal / kWh for power generation component alone shall be considered for computation of tariff for non-fossil fuel based Cogeneration projects.

**48. Calorific Value**

The Gross Calorific Value for Bagasse shall be considered as 2250 kCal/kg. For the use of biomass fuels other than bagasse, calorific value as specified under Regulation 41 shall be applicable.

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49. Fuel Cost

- (1) The price of Bagasse for first year of the Control Period (i.e. FY 2017-18) shall be as specified in the table below and shall be escalated at 5% to arrive at the base price for subsequent years of the Control Period, unless specifically reviewed by Commission. For the purpose of determining levellized tariff, a normative escalation factor of 5% per annum shall be applicable on bagasse prices.

State	Bagasse Price FY2017-18 (Rs. / MT)
Andhra Pradesh	1622.16
Haryana	2307.26
Maharashtra	2273.75
Punjab	2030.49
Tamil Nadu	1747.51
Uttar Pradesh	1809.57
Other States	1964.71

- (2) For use of biomass other than bagasse in co-generation projects, the biomass prices as specified under Regulation 42 shall be applicable.

50. Operation and Maintenance Expenses

- (1) Normative O&M expenses during first year of the Control period (i.e. FY 2017-18) shall be Rs. 21.13 Lakh per MW.
- (2) Normative O&M expenses allowed at the commencement of the Control Period (i.e. FY 2017-18) under these Regulations shall be escalated at the rate of 5.72% per annum.





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**Chapter 7: Technology specific parameters for Solar PV Power Project**

**51. Technology Aspects**

Norms for Solar Photovoltaic (PV) power projects under these Regulations shall be applicable for grid connected PV systems that directly convert solar energy into electricity and are based on technologies such as crystalline silicon or thin film etc. as may be approved by MNRE.

**52. Capital Cost**

The Commission shall determine only project specific capital cost and tariff based on prevailing market trends for Solar PV projects.

**53. Capacity Utilisation Factor**

The CUF for Solar PV project shall be 19%.

Provided that the Commission may deviate from above norm in case of project specific tariff determination in pursuance of Regulation 7 and Regulation 8.

**54. Operation and Maintenance Expenses**

The Commission shall determine only project specific O&M expenses based on prevailing market trends for Solar PV project.

**55. Auxiliary Consumption**

The auxiliary consumption factor shall be 0.25% of gross generation.

Provided that the Commission may deviate from the above norm in case of project specific tariff determination in pursuance of Regulation 7 and Regulation 8.

Chapter 8: Technology specific parameters for Solar Thermal Power Project

**56. Technology Aspects**

Norms for Solar thermal power under these Regulations shall be applicable for Concentrated solar power (CSP) technologies viz. line focusing or point focusing, as may be approved by MNRE, and uses direct sunlight, concentrating it several times to reach higher energy densities and thus higher temperatures whereby the heat generated is used to operate a conventional power cycle to generate electricity.

**57. Capital Cost**

The Commission shall determine only project specific capital cost and tariff based on prevailing market trends for Solar Thermal project.

**58. Capacity Utilisation Factor**

The CUF for solar thermal project shall be 23%.

Provided that the Commission may deviate from the above norm in case of project specific tariff determination in pursuance of Regulation 7 and Regulation 8.

**59. Operation and Maintenance Expenses**

The Commission shall determine only project specific O&M expenses based on prevailing market trends for Solar Thermal project.

**60. Auxiliary Consumption**

The auxiliary consumption factor shall be 10%.

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Provided that the Commission may deviate from the above norm in case of project specific tariff determination in pursuance of Regulation 7 and Regulation 8.

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Chapter 9: Technology specific parameters for Biomass Gasifier Power Projects

**61. Technology Aspect**

The norms for tariff determination specified hereunder are for biomass gasifier based power projects.

**62. Capital Cost**

The normative capital cost for the biomass gasifier power projects based on Rankine cycle shall be Rs. 592.88 Lakh/MW (FY 2017-18 during first year of Control Period) and shall be same for subsequent years unless specifically ordered by the Commission. After taking into account of capital subsidy of Rs 150.00 lakhs/MW, net project cost shall be Rs. 442.88 Lakh/MW for FY 2017-18.

**63. Plant Load Factor**

Threshold PLF for determining fixed charge component of tariff shall be 85%.

**64. Auxilliary Consumption**

The auxilliary power consumption factor shall be 10% for the determination of tariff.

**65. Specific fuel consumption**

Normative specific fuel consumption shall be 1.25 kg per kWh.

**66. Operation and Maintenance Expenses**

(1) Normative O&M expenses for the first year of the Control period (i.e. FY 2017-18) shall be Rs. 52.83 Lakh per MW

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- (2) Normative O&M expenses allowed at the commencement of the Control Period (i.e. FY 2017-18) under these Regulations shall be escalated at the rate of 5.72% per annum.

**67. Fuel Mix**

- (1) The Biomass Gasifier based power plant shall be designed in such a way that it uses different types of non-fossil fuels available within the vicinity of biomass power project such as crop residues, agro- industrial residues, forest residues etc. and other biomass fuels as may be approved by MNRE.
- (2) The Biomass Gasifier based Power Generating Companies shall ensure fuel management plan to ensure adequate availability of fuel to meet the respective project requirements.

**68. Fuel Cost**

Biomass fuel price for the Biomass gasifier based power project applicable for FY 2017-18 shall be the same as for Biomass based power project (Rankine cycle) as mentioned in Regulation 42.



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Chapter 10: Technology specific parameters for Biogas based Power Projects

69. Technology Aspect

The norms for tariff determination specified hereunder are for grid connected biogas based power projects that uses 100% Biogas fired engine, coupled with Biogas technology for co-digesting agriculture residues, manure and other bio waste as may be approved by MNRE.

70. Capital Cost

The normative capital cost for the biogas based power shall be Rs. 1185.76 Lakh/MW (FY 2017-18 during first year of Control Period) and will remain valid for the entire duration of the control period unless reviewed earlier by the Commission After taking into account of capital subsidy of Rs. 300 Lakhs/MW, net project cost is Rs. 885.76 Lakh/MW.

71. Plant Load Factor

Threshold PLF for determining fixed charge component of Tariff shall be 90%.

72. Auxiliary Consumption

The auxiliary power consumption factor shall be 12% for the determination of tariff.

73. Operation and Maintenance Expenses

(1) Normative O&M expenses for the first year of the Control period i.e. FY 2017-18 shall be Rs. 52.83 Lakh per MW

(2) Normative O&M expenses allowed at the commencement of the Control Period (i.e. FY 2017-18) under these Regulations shall be escalated at the rate of 5.72% per annum.

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**74. Specific Fuel Consumption**

Normative specific fuel consumption shall be 3 kg of substrate mix per kWh.

**75. Fuel Cost (Feed stock Price)**

Feed stock price during first year of the Control Period (i.e. FY 2017-18) shall be Rs. 1228.72 /MT and shall be escalated at 5% to arrive at the base price for subsequent years of the Control Period, unless specifically reviewed by Commission. For the purpose of determining levelized tariff, a normative escalation factor of 5% per annum shall be applicable.

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Chapter 11: Technology specific parameters for Power Projects using Municipal Solid Waste / Refuse Derived Fuel and based on Rankine cycle technology

76. Technology Aspect

The norms for tariff determination specified hereunder are for power projects which use municipal solid waste (MSW) and refuse derived fuel (RDF) and are based on Rankine cycle technology application, combustion or incineration, Bio-methanation, Pyrolysis and High end gasifier technologies.

77. Capital Cost

The Commission shall determine only project specific capital cost and tariff based on prevailing market trends for MSW/RDF projects.

78. Plant Load Factor

(1) Threshold PLF for determining fixed charge component of tariff for the power projects which use MSW and RDF shall be:

	PLF	MSW	RDF
a)	During Stabilisation	65%	65%
b)	During the remaining period of the first year (after stabilization)	65%	65%
c)	From 2 <sup>nd</sup> year onwards	75%	80%

(2) The stabilisation period shall not be more than 6 months from the date of commissioning of the project.



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**79. Auxiliary Consumption**

The auxiliary power consumption for MSW/RDF based power projects shall be 15%.

**80. Station Heat Rate**

The Station Heat Rate for MSW/RDF based power projects shall be 4200 kcal/kWh.

**81. Operation and Maintenance Expenses**

The Commission shall determine only project specific O&M expenses based on prevailing market trends for MSW/RDF projects.

**82. Calorific Value**

The Calorific Value of the RDF fuel used for the purpose of determination of tariff shall be at 2500 kcal/kg.

**83. Fuel Cost**

RDF price during FY 2017-18 shall be Rs 1,800 per MT and shall be escalated at 5% to arrive at the base price for subsequent years of the Control Period, unless specifically reviewed by Commission. For the purpose of determining levellized tariff, a normative escalation factor of 5% per annum shall be applicable.

No fuel cost shall be considered for determination of tariff for the power projects using MSW.

**84. Deviation from norms**

Tariff for sale of electricity generated from a generating station based on renewable energy sources, may also be agreed between a generating company and a licensee, in deviation from the norms specified in these regulations subject to the conditions that the levellised tariff over the useful life of the project on the basis of the norms in deviation does not exceed the levellised tariff calculated on the basis of the norms specified in these regulations.

**85. Power to Relax**

The Commission may by general or special order, for reasons to be recorded in writing, and after giving an opportunity of hearing to the parties likely to be affected, may relax any of the provisions of these Regulations on its own motion or on an application made before it by an interested person.

Sd/-

(Sanoj Kumar Jha)  
Secretary

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**CERC (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2017**

**APPENDIX**

**Form-1.1: Form Template for (Wind Power or Small Hydro Project or Solar PV/Solar thermal)**

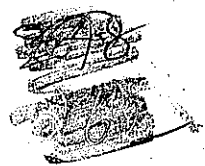
S.No.	Assumption Head	Sub-Head	Sub-Head(2)	Unit	Parameter
1.	Power Generation	Capacity	Installed Power Generation Capacity Capacity Utilization Factor Commercial Operation Date Useful Life	MW % mm yyyy years	
2.	Project Cost	Capital Cost/MW	Normative Capital Cost Capital Cost Capital Subsidy, If any Net Capital Cost	Rs. Lakh/MW Rs. Lakh Rs. Lakh Rs. Lakh	
3.	Financial Assumptions	Debt Equity  Debt Component  Equity Component  Depreciation  Incentives	Tariff Period Debt Equity Total Debt Amount Total Equity Amount Loan Amount Moratorium Period Repayment Period (incl Moratorium) Interest Rate Equity amount Return on Equity for first 10 years Return on Equity 11th year onwards Discount Rate Depreciation Rate for 1st 12 yrs. Depreciation Rate 13th years onward Generation Based Incentives If any Period for GBI	Years % % % Rs. Lakh Rs. Lacs Years Years % Rs. Lacs % p.a. % p.a. % % % Rs. L. p a Years	
4.	Operation & Maintenance	Normative O&M expense O&M expense per annum Escalation factor for O&M expense		Rs. Lakh-MW  Rs. Lakh  %	
5.	Working Capital	O&M expense Maintenance Spare Receivables Interest on Working Capital	(% of O&M expenses)	Month % Month % p.a.	

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CERC (Terms and Conditions for Tariff determination from Renewable Energy  
Sources) Regulations, 2017

Form-1.2: Form Template for (Biomass Power, Municipal Solid Waste, Refuse Derived Fuel or Non-fossil fuel based Cogen)

S.No.	Assumption Head	Sub-Head	Sub-Head(2)	Unit	Parameter
1	Power Generation	Capacity	Installed Power Generation Capacity Auxiliary Consumption factor (PLF during stabilisation upto 6 months) PLF (during 1st year stabilisation) PLF (2nd year onwards) Commercial Operation Date Useful Life	MW " " " mm/yyyy Years	
2	Project Cost	Capital Cost/MW	Normative Capital Cost Capital Cost/Capital Subsidy, If any Net Capital Cost	Rs. Lakh/MW Rs. Lakh Rs. Lakh Rs. Lakh	
3	Financial Assumptions	Debt/Equity  Debt Component  Equity Component  Depreciation  Incentives	Tariff Period Debt Equity Total Debt Amount Total Equity Amount Term Amount Moratorium Period Repayment Period (incl. Moratorium) Interest Rate Equity amount Return on Equity for first 10 years Return on Equity 11th year onwards Discount Rate Depreciation Rate for 1st 12 yrs Depreciation Rate 13th years onward Generation Based Incentives, If any Period for GBI	Years " " " Rs. Lakh Rs. Lacs Years Years " Rs. Lacs "% p.a. "% p.a. " " " Rs. Lacs Years	
4	Operation & Maintenance	Normative O&M expense O&M expense per annum Escalation factor for O&M expense		Rs. Lakh/MW Rs. Lakh	



CERC (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2017

5.	Working Capital	O&M expense Maintenance Spare Receivables Interest on Working Capital	(% of O&M expenses)	Mont lis % Mont lis % p.a.	
[6.	Fuel related assumptions	Station Heat Rate  Fuel types & mix	During stabilisation post stabilisation Biomass fuel type-1 Biomass fuel type-2 Municipal Solid Waste fuel Refuse Derived Fuel fossil fuel (coal) GCV of Biomass fuel type-1 GCV of Biomass fuel type-2 GCV of Municipal Solid Waste fuel GCV of Refuse Derived Fuel GCV of fossil fuel (coal) Biomass Price (fuel type-1) yr-1 Biomass Price (fuel type-2) yr-1 Municipal Solid Waste Price yr-1 Refuse Derived Fuel Price yr-1 fossil fuel price (coal) yr-1 fuel price escalation factor	kCal/Kwh kCal/Kwh % % % % % kCal/Kwh kCal/Kwh kCal/Kwh kCal/Kwh kCal/Kwh Rs MT Rs MT Rs MT Rs MT Rs MT % p.a.] <sup>ms</sup>	



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Form-2.1: Form Template for (Wind Power or Small Hydro Project or Solar PV/Solar thermal) : Determination of Tariff Components

Units Generation		Yr-1	Yr-2	Yr-3	Yr-4	Yr-5	Yr-6	Yr-7	Yr-8	Yr-9	Yr-10	Yr-11	Yr-12	Yr-13	Yr-14	Yr-15	Yr-16	Yr-17	Yr-18	Yr-19	Yr-20	Yr-21	Yr-22	Yr-23	Yr-24	Yr-25	
Unit	MW																										
Installed Capacity	MU																										
Net Generation																											
<b>Tariff Components (Fixed charge)</b>																											
Unit		Yr-1	Yr-2	Yr-3	Yr-4	Yr-5	Yr-6	Yr-7	Yr-8	Yr-9	Yr-10	Yr-11	Yr-12	Yr-13	Yr-14	Yr-15	Yr-16	Yr-17	Yr-18	Yr-19	Yr-20	Yr-21	Yr-22	Yr-23	Yr-24	Yr-25	
Rs Lakh																											
Rs Lakh																											
Rs Lakh																											
Rs Lakh																											
Rs Lakh																											
Total Fixed Cost																											
<b>Per Unit Tariff components</b>																											
Unit		Yr-1	Yr-2	Yr-3	Yr-4	Yr-5	Yr-6	Yr-7	Yr-8	Yr-9	Yr-10	Yr-11	Yr-12	Yr-13	Yr-14	Yr-15	Yr-16	Yr-17	Yr-18	Yr-19	Yr-20	Yr-21	Yr-22	Yr-23	Yr-24	Yr-25	
RskWh																											
RskWh																											
RskWh																											
RskWh																											
RskWh																											
RskWh																											
<b>Levelised Tariff</b>																											
Unit		Yr-1	Yr-2	Yr-3	Yr-4	Yr-5	Yr-6	Yr-7	Yr-8	Yr-9	Yr-10	Yr-11	Yr-12	Yr-13	Yr-14	Yr-15	Yr-16	Yr-17	Yr-18	Yr-19	Yr-20	Yr-21	Yr-22	Yr-23	Yr-24	Yr-25	
RskWh																											
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CERC (Terms and Conditions) Tariff determination from Renewable Ené / Sources) Regulations, 2017

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Form-2.2: Form Template for (Biomass Power, Municipal Solid Waste, Refuse Derived Fuel or Non-fossil fuel based Cogen) : Determination of Tariff Components

Units Generation	Unit	Yr-1	Yr-2	Yr-3	Yr-4	Yr-5	Yr-6	Yr-7	Yr-8	Yr-9	Yr-10	Yr-11	Yr-12	Yr-13	Yr-14	Yr-15	Yr-16	Yr-17	Yr-18	Yr-19	Yr-20	Yr-21	Yr-22	Yr-23	Yr-24	Yr-25	
Installed Capacity	MW																										
Net Generation	MU																										
<b>Tariff Components (Fixed charge)</b>																											
O&M Expenses	Rs Lakh																										
Depreciation	Rs Lakh																										
Interest on term loan	Rs Lakh																										
Interest on working Capital	Rs Lakh																										
Return on Equity	Rs Lakh																										
Total Fixed Cost	Rs Lakh																										
<b>Tariff Components (Variable charge)</b>																											
Biomass fuel type-1	Rs Lakh																										
Fossil fuel (coal)	Rs Lakh																										
Municipal Solid Waste	Rs Lakh																										
Refuse Derived Fuel	Rs Lakh																										
Sub-Total (Fuel Costs)	Rs Lakh																										
Fuel cost allocable to power	%																										
Total Fuel Costs	Rs Lakh																										
<b>Per Unit Tariff components (fixed)</b>																											
PU O&M Expenses	Rs/MWh																										
PU Depreciation	Rs/MWh																										
PU Interest on term loan	Rs/MWh																										
PU Interest on working Capital	Rs/MWh																										
PU Return on Equity	Rs/MWh																										
PU Tariff Components (Fixed)	Rs/MWh																										
PU Tariff Components (Variable)	Rs/MWh																										
PU Tariff Components (Total)	Rs/MWh																										
<b>Levelised Tariff</b>																											
Discount Factors	Unit																										
Discounted Tariff components (fixed)	Rs/MWh																										
Discounted Tariff components (variable)	Rs/MWh																										
Discounted Tariff components (total)	Rs/MWh																										
Levelised Tariff (fixed)	Rs/MWh																										
Levelised Tariff (variable)	Rs/MWh																										
Levelised Tariff (total)	Rs/MWh																										





Form 1.1

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Sl. No	Assumption Head	Sub-Head (1)	Sub-Head (2)	Unit	Parameter Values
1	Power Generation	Capacity	Installed Power Generation Capacity	MW	2.1
			Capacity Utilization Factor	%	33.00%
			Commercial Operation Date	mm/yyyy	1-Aug-19
			Useful Life	Years	25
2	Project Cost	Capital Cost / MW	Normative	Rs. lakh / MW	785.42
			Capital Cost	Rs. lakh	1,649
			Capital Subsidy, if any	Rs. lakh	
			Net Capital Cost	Rs. lakh	1,649
3	Financial Assumptions	Debt Equity	Tariff Period	Years	25
			Debt	%	70
			Equity	%	30
			Total Debt Amount	Rs. lakh	1155
			Total Equity Amount	Rs. lakh	495
		Debt Component	Loan Amount	Rs. lakh	1155
			Moratorium Period	Years	0
			Repayment Period (incld Moratorium)	Years	13
			Interest Rate	%	10.12%
		Equity Component	Equity amount	Rs. lakh	495
			Return on Equity for First 10 years	% P.a	17.80%
			Return on Equity 11th year onwards	% P.a	17.80%
			Discount Rate	%	9.22%
		Depreciation	Depreciation Rate for first 13 years	%	5.28%
			Depreciation Rate 14th year onwards	%	1.78%
Incentives	Generation Based incentives, if any		Rs. lakh P.a		
4	Operation & Maintenance		Period for GBI	Years	
			Normative O&M Expenses	Rs. lakh / MW	10.71
			O&M Expenses per annum	Rs. lakh	22.48
			Escalation factor for O&M Expenses	%	5.72%
5	Working Capital		O&M Expenses	Months	1
			Maintenance Spare	(% of O&M expenses)	15%
			Receivables	Months	2
			Interest on Working Capital	% P.a	11.12%



Form 2.1

Generation parameter	Unit	Yr-1	Yr-2	Yr-3	Yr-4	Yr-5	Yr-6	Yr-7	Yr-8	Yr-9	Yr-10	Yr-11	Yr-12	Yr-13	Yr-14	Yr-15	Yr-16	Yr-17	Yr-18	Yr-19	Yr-20	Yr-21	Yr-22	Yr-23	Yr-24	Yr-25	
Installed Capacity	MW	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
Net Generation	MU	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	
<b>Tariff Components</b>																											
Unit	Unit	Yr-1	Yr-2	Yr-3	Yr-4	Yr-5	Yr-6	Yr-7	Yr-8	Yr-9	Yr-10	Yr-11	Yr-12	Yr-13	Yr-14	Yr-15	Yr-16	Yr-17	Yr-18	Yr-19	Yr-20	Yr-21	Yr-22	Yr-23	Yr-24	Yr-25	
O&M Expenses	Rs. Lakh	22.5	23.8	25.1	26.6	28.1	29.7	31.4	33.2	35.1	37.1	39.2	41.5	43.8	46.3	49.0	51.8	54.7	57.9	61.2	64.7	68.4	72.3	76.4	80.6	85.4	
Depreciation	Rs. Lakh	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	
Interest on term loan	Rs. Lakh	112.4	103.6	94.8	86.0	77.2	68.4	59.6	50.7	41.9	33.1	24.3	15.5	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Interest on Working Capital	Rs. Lakh	5.4	5.4	5.4	5.5	5.5	5.6	5.6	5.6	5.7	5.8	5.8	5.9	5.9	6.0	6.1	6.1	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	7.0	
Return on Equity	Rs. Lakh	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	
Total Fixed Cost	Rs. Lakh	315.4	308.0	300.5	293.2	285.9	278.8	271.7	264.7	257.9	251.1	244.5	238.0	231.6	169.8	172.5	175.3	178.4	181.6	185.0	188.6	192.4	196.4	200.6	205.1	209.9	
<b>Per Unit Tariff Components</b>																											
Unit	Unit	Yr-1	Yr-2	Yr-3	Yr-4	Yr-5	Yr-6	Yr-7	Yr-8	Yr-9	Yr-10	Yr-11	Yr-12	Yr-13	Yr-14	Yr-15	Yr-16	Yr-17	Yr-18	Yr-19	Yr-20	Yr-21	Yr-22	Yr-23	Yr-24	Yr-25	
PU O&M Expenses	Rs / KWH	0.37	0.39	0.42	0.44	0.46	0.49	0.52	0.55	0.58	0.61	0.65	0.69	0.73	0.77	0.81	0.86	0.91	0.96	1.01	1.07	1.13	1.20	1.27	1.34	1.41	
PU Depreciation	Rs / KWH	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	
PU Interest on term loan	Rs / KWH	1.86	1.72	1.57	1.42	1.28	1.13	0.99	0.84	0.69	0.55	0.40	0.26	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PU Interest on working capital	Rs / KWH	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	
PU Return on Equity	Rs / KWH	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	
PU Tariff Components	Rs / KWH	5.22	5.10	4.98	4.85	4.73	4.62	4.50	4.38	4.27	4.15	4.05	3.94	3.83	2.81	2.86	2.90	2.95	3.01	3.06	3.12	3.18	3.25	3.32	3.40	3.47	
<b>Levelised Tariff</b>																											
Unit	Unit	Yr-1	Yr-2	Yr-3	Yr-4	Yr-5	Yr-6	Yr-7	Yr-8	Yr-9	Yr-10	Yr-11	Yr-12	Yr-13	Yr-14	Yr-15	Yr-16	Yr-17	Yr-18	Yr-19	Yr-20	Yr-21	Yr-22	Yr-23	Yr-24	Yr-25	
Discount Factors	Rs / KWH	1.00	0.92	0.84	0.77	0.70	0.64	0.59	0.54	0.49	0.45	0.41	0.36	0.35	0.32	0.29	0.27	0.24	0.22	0.20	0.19	0.17	0.16	0.14	0.13	0.12	
Discounted Tariff Components	Rs / KWH	5.22	4.67	4.17	3.73	3.33	2.97	2.65	2.36	2.11	1.88	1.68	1.49	1.33	0.89	0.83	0.77	0.72	0.67	0.63	0.58	0.55	0.51	0.48	0.45	0.42	
Levelised Tariff	Rs / KWH	4.28																									

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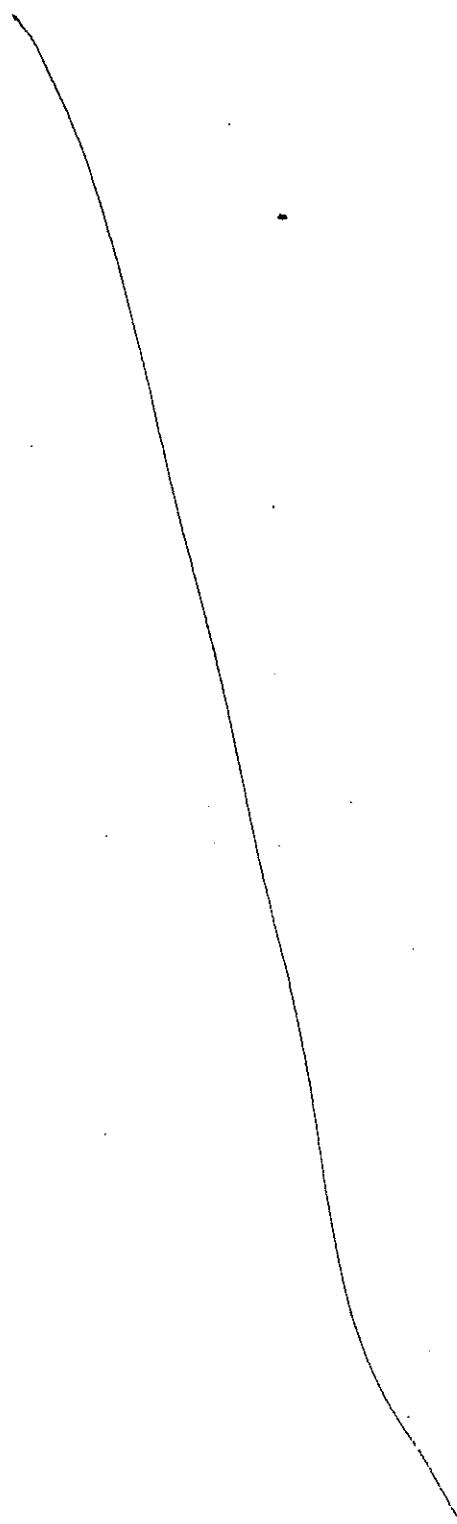
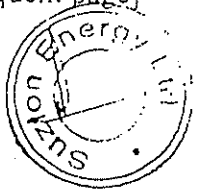
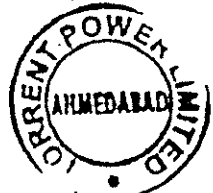


Annexure No. 13

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Annexure - 1  
Micrositing layout for 234 locations forming part of Project I  
And  
Energy Yield Reports

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Annexure No. 1

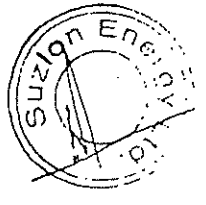


Energy Prognosis - Estimated Annual Energy Generation

Record No: WRD/F/FMX/G1/17-18/103/179  
Date: 15-Jan-2018

Estimated Generation at Lakhpat Site  
(Based on Baiyavo Suzlon Mast; Data Period - From Apr 2012 to Mar 2013)

Energy Capture Summary	
Project:	Lakhpat
Wind turbine type:	S111
Turbine Capacity:	2100 KW
Hub height:	140 m
Number of turbines:	110
Site capacity:	231 MW
Estimated annual net energy production - P(50):	8900 lac units
Estimated annual net energy production / WTG - P(50):	80.91 lac units



Note: This estimation is based on the present layout. Any addition of further WTG's around the present layout can affect the estimated generation.

Sr. No	Loc. No.	Turbine Co-ordinate [m]			Wake loss [%]	P(50) Gen. Post Wake & ADC [Lac units]	OCF	Assumptions (Annual)			Net Est. Annual Gen. PSD [Lac units]
		UTM Zone:		42 Q Elevation [m]				MA	GA	ESL	
		Eastings	Northing								
1	LKTG100	471260	2627103	25	5.67	90.21	1.0%	97.5%	99.0%	4.5%	82.33
2	LKTG101	471327	2626392	21	5.54	88.73	1.5%	97.5%	99.0%	4.5%	80.57
3	LKTG102	471482	2625856	25	5.86	88.27	1.0%	97.5%	99.0%	4.5%	80.55
4	LKTG103	471635	2625277	26	5.80	87.93	1.0%	97.5%	99.0%	4.5%	80.74
5	LKTG104	472006	2624777	25	5.63	87.41	1.0%	97.5%	99.0%	4.5%	79.77
6	LKTG105	472328	2624170	32	5.49	87.88	1.0%	97.5%	99.0%	4.5%	80.21
7	LKTG106	472604	2623700	26	5.74	86.62	1.0%	97.5%	99.0%	4.5%	79.14
8	LKTG107	472738	2623070	24	6.02	85.87	1.0%	97.5%	99.0%	4.5%	78.36
9	LKTG108	473148	2622595	26	5.83	85.85	1.0%	97.5%	99.0%	4.5%	78.36
10	LKTG113	474393	2622773	35	6.52	86.63	1.0%	97.5%	99.0%	4.5%	79.06
11	LKTG114	474267	2623372	34	6.51	87.01	1.0%	97.5%	99.0%	4.5%	79.40
12	LKTG115	473842	2623845	27	6.84	85.99	1.0%	97.5%	99.0%	4.5%	78.97
13	LKTG116	473663	2624420	22	7.01	85.41	1.0%	97.5%	99.0%	4.5%	77.94
14	LKTG117	473223	2625034	22	6.98	85.46	1.0%	97.5%	99.0%	4.5%	77.99
15	LKTG118	472838	2626029	16	7.40	84.71	1.0%	97.5%	99.0%	4.5%	77.41
16	LKTG119	472532	2626552	16	7.56	84.70	1.0%	97.5%	99.0%	4.5%	77.30
17	LKTG129	472831	2630211	14	6.02	88.89	2.5%	97.5%	99.0%	4.5%	79.89
18	LKTG130	473065	2629681	18	6.65	88.11	1.5%	97.5%	99.0%	4.5%	80.00
19	LKTG131	472490	2628876	16	6.30	88.06	1.5%	97.5%	99.0%	4.5%	79.96
20	LKTG132	472673	2628125	16	5.79	87.55	1.5%	97.5%	99.0%	4.5%	79.89
21	LKTG133	473065	2627600	20	5.70	88.33	1.0%	97.5%	99.0%	4.5%	80.61
22	LKTG134	473459	2627230	20	6.64	86.99	1.0%	97.5%	99.0%	4.5%	79.39
23	LKTG135	474062	2626749	19	6.49	86.74	1.0%	97.5%	99.0%	4.5%	79.16
24	LKTG136	474197	2626200	25	6.51	87.69	1.0%	97.5%	99.0%	4.5%	80.03
25	LKTG137	474654	2625812	25	6.39	87.24	1.0%	97.5%	99.0%	4.5%	79.61
26	LKTG138	474865	2625232	20	6.55	85.52	1.0%	97.5%	99.0%	4.5%	78.04
27	LKTG139	475636	2624371	22	5.93	85.92	1.0%	97.5%	99.0%	4.5%	78.41
28	LKTG140	476481	2624094	29	5.66	86.22	1.0%	97.5%	99.0%	4.5%	78.68
29	LKTG141	476544	2623382	35	5.49	87.42	1.0%	97.5%	99.0%	4.5%	78.78
30	LKTG142	476648	2622726	35	5.40	86.89	1.0%	97.5%	99.0%	4.5%	78.36
31	LKTG151	478948	2622349	41	3.97	88.17	1.0%	97.5%	99.0%	4.5%	80.46
32	LKTG152	478660	2622881	37	4.46	87.05	1.0%	97.5%	99.0%	4.5%	79.44
33	LKTG153	476490	2625849	24	5.97	85.96	1.0%	97.5%	99.0%	4.5%	78.45
34	LKTG154	475750	2626558	21	6.57	85.91	1.0%	97.5%	99.0%	4.5%	78.40
35	LKTG155	475287	2627703	19	6.58	86.25	1.0%	97.5%	99.0%	4.5%	78.71
36	LKTG156	475076	2628227	30	6.07	88.23	1.0%	97.5%	99.0%	4.5%	80.57
37	LKTG157	474824	2629192	34	5.25	89.81	1.0%	97.5%	99.0%	4.5%	81.96
38	LKTG158	474342	2629872	22	6.30	87.97	1.5%	97.5%	99.0%	4.5%	79.88
39	LKTG159	474177	2630453	21	6.36	88.15	1.5%	97.5%	99.0%	4.5%	80.61
40	LKTG160	473769	2631155	20	5.69	89.81	1.5%	97.5%	99.0%	4.5%	81.56
41	LKTG161	472937	2631767	16	6.33	90.08	1.5%	97.5%	99.0%	4.5%	81.79
42	LKTG163	472468	2634292	5	1.92	96.75	1.5%	97.5%	99.0%	4.5%	81.85
43	LKTG164	472903	2633780	10	3.81	95.04	1.5%	97.5%	99.0%	4.5%	86.30
44	LKTG165	473127	2633250	15	4.74	93.97	1.5%	97.5%	99.0%	4.5%	85.32
45	LKTG166	473278	2632678	19	5.12	92.70	2.5%	97.5%	99.0%	4.5%	83.32
46	LKTG167	474014	2632413	25	5.85	92.24	1.5%	97.5%	99.0%	4.5%	83.75
47	LKTG168	475095	2631236	31	6.07	90.40	1.5%	97.5%	99.0%	4.5%	82.08
48	LKTG169	475745	2629059	30	7.00	87.17	1.0%	97.5%	99.0%	4.5%	79.55
49	LKTG170	476528	2628491	21	6.62	86.16	1.5%	97.5%	99.0%	4.5%	78.77
50	LKTG171	477166	2627839	25	5.41	86.90	1.0%	97.5%	99.0%	4.5%	79.70
51	LKTG172	477381	2626678	26	5.64	86.51	1.0%	97.5%	99.0%	4.5%	78.96



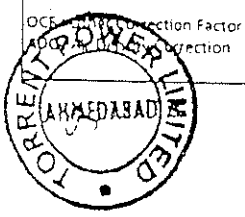
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52	LKTG1173	477702	2626043	31	5.34	86.91	1.0%	97.5%	99.0%	4.5%	80.00
53	LKTG1174	477683	2625322	32	5.48	86.26	1.0%	97.5%	99.0%	4.5%	80.00
54	LKTG1175	478235	2624946	34	4.89	89.33	1.0%	97.5%	99.0%	4.5%	80.00
55	LKTG1176	478546	2624453	41	4.37	88.45	1.0%	97.5%	99.0%	4.5%	80.00
56	LKTG1177	478883	2624013	46	4.13	88.73	1.0%	97.5%	99.0%	4.5%	80.00
57	LKTG1178	479510	2623687	54	4.83	89.11	1.5%	97.5%	99.0%	4.5%	80.00
58	LKTG1179	480261	2623221	44	4.71	88.07	1.5%	97.5%	99.0%	4.5%	80.00
59	LKTG1180	480491	2622682	46	4.85	87.62	1.5%	97.5%	99.0%	4.5%	80.00
60	LKTG1181	480764	2622144	46	4.04	87.07	1.5%	97.5%	99.0%	4.5%	80.00
61	LKTG1188	481841	2621725	50	5.00	87.29	2.0%	97.5%	99.0%	4.5%	80.00
62	LKTG1190	475335	2629189	25	5.83	87.41	1.0%	97.5%	99.0%	4.5%	80.00
63	LKTG1191	476324	2629793	49	6.07	90.73	1.5%	97.5%	99.0%	4.5%	80.00
64	LKTG1192	476135	2630208	38	6.56	88.18	1.0%	97.5%	99.0%	4.5%	80.00
65	LKTG1193	476658	2630657	44	6.91	89.58	1.5%	97.5%	99.0%	4.5%	80.00
66	LKTG1194	476144	2631162	39	5.52	91.10	1.5%	97.5%	99.0%	4.5%	80.00
67	LKTG1195	475704	2632112	37	5.55	92.39	1.5%	97.5%	99.0%	4.5%	80.00
68	LKTG1196	474867	2633277	20	5.52	92.75	2.5%	97.5%	99.0%	4.5%	80.00
69	LKTG1197	474164	2634008	9	5.15	92.57	1.5%	97.5%	99.0%	4.5%	80.00
70	LKTG1198	473763	2634510	14	3.75	96.07	1.5%	97.5%	99.0%	4.5%	80.00
71	LKTG1199	473526	2635028	10	1.89	98.36	1.5%	97.5%	99.0%	4.5%	80.00
72	LKTG1200	475276	2634779	8	3.83	94.71	1.5%	97.5%	99.0%	4.5%	80.00
73	LKTG1201	475501	2634223	11	4.88	91.83	1.5%	97.5%	99.0%	4.5%	80.00
74	LKTG1202	476405	2633671	35	3.79	96.03	2.0%	97.5%	99.0%	4.5%	80.00
75	LKTG1203	476340	2632940	40	4.81	95.08	1.5%	97.5%	99.0%	4.5%	80.00
76	LKTG1204	476825	2632293	36	5.55	92.40	1.5%	97.5%	99.0%	4.5%	80.00
77	LKTG1205	478116	2631071	39	5.28	89.64	1.5%	97.5%	99.0%	4.5%	80.00
78	LKTG1206	478918	2629223	26	5.04	88.14	1.5%	97.5%	99.0%	4.5%	80.00
79	LKTG1207	479015	2628598	30	5.09	87.47	1.5%	97.5%	99.0%	4.5%	80.00
80	LKTG1208	483409	2621896	60	5.89	87.41	2.5%	97.5%	99.0%	4.5%	80.00
81	LKTG1209	483538	2621274	57	6.77	85.15	2.5%	97.5%	99.0%	4.5%	80.00
82	LKTG1210	483773	2620744	60	5.97	85.79	2.5%	97.5%	99.0%	4.5%	80.00
83	LKTG1216	484434	2622584	55	5.65	85.55	2.5%	97.5%	99.0%	4.5%	80.00
84	LKTG1217	483860	2623038	57	4.62	87.38	2.5%	97.5%	99.0%	4.5%	80.00
85	LKTG1218	481970	2625850	48	5.05	89.49	1.5%	97.5%	99.0%	4.5%	80.00
86	LKTG1219	480994	2627376	47	4.56	89.20	1.5%	97.5%	99.0%	4.5%	80.00
87	LKTG1220	480938	2628108	47	4.40	89.47	1.5%	97.5%	99.0%	4.5%	80.00
88	LKTG1221	480872	2628945	39	4.04	89.63	1.5%	97.5%	99.0%	4.5%	80.00
89	LKTG1222	480258	2629491	55	4.78	91.44	2.0%	97.5%	99.0%	4.5%	80.00
90	LKTG1223	480029	2629941	42	4.59	92.32	1.5%	97.5%	99.0%	4.5%	80.00
91	LKTG1224	479759	2630733	26	3.08	89.99	1.5%	97.5%	99.0%	4.5%	80.00
92	LKTG1225	479179	2631127	36	4.17	92.44	1.5%	97.5%	99.0%	4.5%	80.00
93	LKTG1226	478179	2631981	40	4.24	93.20	1.5%	97.5%	99.0%	4.5%	80.00
94	LKTG1227	477596	2633031	31	5.45	91.44	2.0%	97.5%	99.0%	4.5%	80.00
95	LKTG1228	478149	2633998	26	3.28	94.38	2.0%	97.5%	99.0%	4.5%	80.00
96	LKTG1229	481909	2628206	47	5.29	89.12	1.5%	97.5%	99.0%	4.5%	80.00
97	LKTG1230	482384	2627619	36	5.50	86.47	1.5%	97.5%	99.0%	4.5%	80.00
98	LKTG1231	485070	2624086	71	4.86	87.55	1.5%	97.5%	99.0%	4.5%	80.00
99	LKTG1232	484796	2624619	70	4.28	89.07	2.5%	97.5%	99.0%	4.5%	80.00
100	LKTG1233	484451	2625284	65	4.03	89.68	2.5%	97.5%	99.0%	4.5%	80.00
101	LKTG1234	484305	2625875	57	3.85	88.98	2.5%	97.5%	99.0%	4.5%	80.00
102	LKTG1235	484134	2626459	58	3.81	89.78	2.5%	97.5%	99.0%	4.5%	80.00
103	LKTG1236	483553	2627684	55	5.65	89.52	2.5%	97.5%	99.0%	4.5%	80.00
104	LKTG1237	483423	2628320	61	5.70	91.80	2.5%	97.5%	99.0%	4.5%	80.00
105	LKTG1238	483290	2628941	47	5.39	89.21	2.0%	97.5%	99.0%	4.5%	80.00
106	LKTG1239	483165	2629555	36	4.24	89.19	2.0%	97.5%	99.0%	4.5%	80.00
107	LKTG1240	483310	2630302	32	3.98	91.04	2.0%	97.5%	99.0%	4.5%	80.00
108	LKTG1245	484494	2629225	55	5.87	91.27	2.5%	97.5%	99.0%	4.5%	80.00
109	LKTG1246	484664	2628478	56	5.94	89.38	1.5%	97.5%	99.0%	4.5%	80.00
110	LKTG1247	484665	2627753	83	5.15	94.60	1.5%	97.5%	99.0%	4.5%	80.00

Average Annual Estimated Generation (20 Years) - P(50) = 80.90 t ac kWh

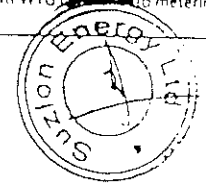
Average Annual Estimated Generation (20 Years) - P(75) = 76.21 t ac kWh

Average Annual Estimated Generation (20 Years) - P(90) = 71.96 t ac kWh



MA : Machine Availability  
GA : Grid Availability

ESL : Electrical System Losses  
[from WTG to metering point]





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Energy Prognosis - Estimated Annual Energy Generation

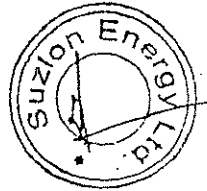
Record No : WRD/F/FMX/GJ/17-18/103/178

Estimated Generation at Lakhpat Site  
(Based on Moti Chher Suzlon Mast; Data Period - From Apr 2012 to Mar 2013)

Date: 15-Jan-2018

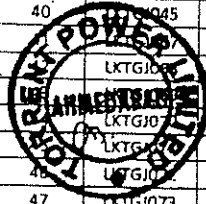
Energy Capture Summary

Project :	Lakhpat
Wind turbine type :	S111
Turbine Capacity :	2100 KW
Hub height :	140 m
Number of turbines :	79
Site capacity :	165.9 MW
Estimated annual net energy production -P(50) :	6582 lac units
Estimated annual net energy production / WTG - P(50) :	83.31 lac units



Note : This estimation is based on the present layout. Any addition of further WTG's around the present layout can affect the estimated generation.

Sr. No	Loc. No.	Turbine Co-ordinate [m]			42 Q Elevation [m]	Wake Loss [%]	P(50) Gen. Post Wake & ADC [Lac units]	OCF	Assumptions (Annual)			Net Est. Annual Gen. P50 [Lac units]
		Easting	Northing	UTM Zone :					MA	GA	ESL	
1	LKTGJ001	459273	2621521	9	0.60	97.28	2.0%	97.5%	99.0%	4.5%	87.88	
2	LKTGJ002	459504	2620965	15	1.27	96.22	2.0%	97.5%	99.0%	4.5%	86.97	
3	LKTGJ003	460093	2620349	21	1.76	95.11	2.500%	97.5%	99.0%	4.5%	85.48	
4	LKTGJ004	461650	2620678	25	3.30	93.66	1.500%	97.5%	99.0%	4.5%	85.04	
5	LKTGJ005	461100	2621069	25	3.42	94.45	1.500%	97.5%	99.0%	4.5%	85.76	
6	LKTGJ006	460827	2621808	25	3.08	96.97	1.500%	97.5%	99.0%	4.5%	88.05	
7	LKTGJ007	460393	2622290	16	1.90	97.10	1.500%	97.5%	99.0%	4.5%	88.17	
8	LKTGJ008	461982	2623385	10	2.25	95.38	2.0%	97.5%	99.0%	4.5%	86.16	
9	LKTGJ009	462393	2622805	11	3.87	92.47	2.0%	97.5%	99.0%	4.5%	83.54	
10	LKTGJ010	462888	2622310	10	4.15	90.94	2.0%	97.5%	99.0%	4.5%	82.15	
11	LKTGJ011	463077	2621656	10	4.27	89.87	2.0%	97.5%	99.0%	4.5%	81.19	
12	LKTGJ012	462916	2620879	15	4.04	90.57	2.0%	97.5%	99.0%	4.5%	81.87	
13	LKTGJ013	463952	2620524	15	2.83	90.91	2.0%	97.5%	99.0%	4.5%	82.11	
14	LKTGJ014	464255	2619854	22	2.70	91.49	1.500%	97.5%	99.0%	4.5%	83.07	
15	LKTGJ015	464093	2619209	25	2.75	91.31	2.500%	97.5%	99.0%	4.5%	82.07	
16	LKTGJ018	466103	2620023	28	4.72	88.99	1.500%	97.5%	99.0%	4.5%	80.80	
17	LKTGJ019	465352	2620805	21	4.94	89.05	1.500%	97.5%	99.0%	4.5%	80.86	
18	LKTGJ020	464944	2621227	15	4.74	88.94	2.0%	97.5%	99.0%	4.5%	80.75	
19	LKTGJ021	464785	2621789	14	4.57	88.80	2.0%	97.5%	99.0%	4.5%	80.22	
20	LKTGJ022	464876	2622661	18	4.44	91.01	1.500%	97.5%	99.0%	4.5%	82.64	
21	LKTGJ023	464173	2623500	8	4.76	90.16	1.500%	97.5%	99.0%	4.5%	81.86	
22	LKTGJ024	463948	2624057	5	4.92	90.81	1.500%	97.5%	98.0%	4.5%	82.45	
23	LKTGJ025	462710	2624111	6	2.32	94.88	1.500%	97.5%	99.0%	4.5%	86.14	
24	LKTGJ026	464397	2624775	5	4.27	91.38	2.500%	97.5%	99.0%	4.5%	82.13	
25	LKTGJ027	465380	2624563	20	5.47	91.24	2.500%	97.5%	99.0%	4.5%	82.00	
26	LKTGJ028	465583	2623749	10	5.27	88.32	1.500%	97.5%	99.0%	4.5%	80.19	
27	LKTGJ029	466409	2621490	19	5.91	87.48	1.500%	97.5%	99.0%	4.5%	79.41	
28	LKTGJ030	466556	2620863	22	5.47	88.08	1.500%	97.5%	99.0%	4.5%	79.98	
29	LKTGJ034	467556	2621590	20	6.43	86.46	1.500%	97.5%	99.0%	4.5%	78.50	
30	LKTGJ035	467494	2622338	20	5.07	88.74	1.500%	97.5%	99.0%	4.5%	80.57	
31	LKTGJ036	465397	2625555	16	3.98	93.57	2.500%	97.5%	99.0%	4.5%	84.10	
32	LKTGJ037	464611	2625940	6	2.30	95.28	2.500%	97.5%	99.0%	4.5%	85.63	
33	LKTGJ038	464386	2626497	10	1.91	97.40	2.500%	97.5%	99.0%	4.5%	87.54	
34	LKTGJ039	464161	2627053	5	1.17	98.20	2.500%	97.5%	99.0%	4.5%	88.26	
35	LKTGJ040	466608	2625373	20	5.59	90.62	2.500%	97.5%	99.0%	4.5%	81.45	
36	LKTGJ041	467018	2624751	25	5.34	90.53	2.500%	97.5%	99.0%	4.5%	81.37	
37	LKTGJ042	467571	2624336	26	5.18	90.11	1.500%	97.5%	99.0%	4.5%	81.82	
38	LKTGJ043	467622	2623642	26	4.69	90.12	1.500%	97.5%	99.0%	4.5%	81.83	
39	LKTGJ044	468339	2623396	26	5.60	88.70	1.500%	97.5%	99.0%	4.5%	80.54	
40	LKTGJ045	469046	2622525	25	5.29	87.69	1.500%	97.5%	99.0%	4.5%	79.62	
	LKTGJ046	470415	2623514	34	5.09	89.06	1.500%	97.5%	99.0%	4.5%	80.87	
	LKTGJ047	470104	2624286	25	5.59	88.17	1.500%	97.5%	99.0%	4.5%	80.06	
	LKTGJ048	468678	2624384	26	6.49	88.18	1.500%	97.5%	99.0%	4.5%	80.07	
	LKTGJ049	467883	2625461	25	6.25	89.86	2.500%	97.5%	99.0%	4.5%	80.76	
	LKTGJ050	467511	2626076	23	5.84	91.30	2.500%	97.5%	99.0%	4.5%	82.06	
	LKTGJ051	467105	2626660	21	4.95	92.85	2.500%	97.5%	99.0%	4.5%	83.45	
47	LKTGJ073	466067	2626854	17	4.56	94.05	2.500%	97.5%	99.0%	4.5%	84.53	
48	LKTGJ074	465497	2627271	14	4.17	95.22	2.500%	97.5%	99.0%	4.5%	85.58	



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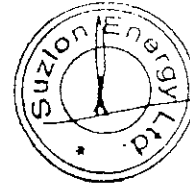
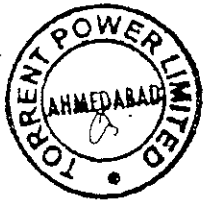
49	LKTGJ075	465633	2628137	15	3.02	96.90	2.500%	97.5%	99.0%	4.5%	86.73
50	LKTGJ076	465951	2628858	13	2.71	96.73	2.500%	97.5%	99.0%	4.5%	86.94
51	LKTGJ077	465283	2629173	9	1.48	97.93	2.500%	97.5%	99.0%	4.5%	88.01
52	LKTGJ078	465158	2629764	7	1.14	98.39	2.500%	97.5%	99.0%	4.5%	88.43
53	LKTGJ079	465029	2630359	5	0.90	98.92	1.500%	97.5%	99.0%	4.5%	89.82
54	LKTGJ080	466468	2631801	5	0.82	98.58	1.500%	97.5%	99.0%	4.5%	89.51
55	LKTGJ081	466875	2631060	6	2.16	97.02	1.500%	97.5%	99.0%	4.5%	88.09
56	LKTGJ082	467046	2630485	8	2.99	96.17	1.500%	97.5%	99.0%	4.5%	87.32
57	LKTGJ083	467196	2629725	17	3.80	95.27	2.500%	97.5%	99.0%	4.5%	85.63
58	LKTGJ084	467419	2629155	13	4.20	94.40	2.500%	97.5%	99.0%	4.5%	84.84
59	LKTGJ085	467315	2628480	16	4.40	94.32	2.500%	97.5%	99.0%	4.5%	84.77
60	LKTGJ086	467421	2627718	17	4.53	93.65	2.500%	97.5%	99.0%	4.5%	84.17
61	LKTGJ087	468255	2627500	12	5.38	90.83	2.500%	97.5%	99.0%	4.5%	81.64
62	LKTGJ088	468402	2626823	16	5.89	90.04	2.500%	97.5%	99.0%	4.5%	80.93
63	LKTGJ089	468939	2626343	15	6.49	88.35	1.500%	97.5%	99.0%	4.5%	80.22
64	LKTGJ090	469197	2625749	21	6.11	88.70	1.500%	97.5%	99.0%	4.5%	80.54
65	LKTGJ091	469459	2625193	25	6.00	88.57	1.500%	97.5%	99.0%	4.5%	80.42
66	LKTGJ092	469843	2627085	9	6.64	87.22	1.500%	97.5%	99.0%	4.5%	79.19
67	LKTGJ094	468158	2631756	5	3.96	94.68	1.500%	97.5%	99.0%	4.5%	85.97
68	LKTGJ095	469166	2630191	6	4.80	92.14	1.500%	97.5%	99.0%	4.5%	83.66
69	LKTGJ096	469667	2629723	8	4.48	92.14	1.500%	97.5%	99.0%	4.5%	83.66
70	LKTGJ097	469822	2629018	7	4.67	90.82	1.500%	97.5%	99.0%	4.5%	82.46
71	LKTGJ098	470844	2628685	14	5.49	90.52	2.0%	97.5%	99.0%	4.5%	81.77
72	LKTGJ099	471028	2627965	16	6.14	89.18	1.500%	97.5%	99.0%	4.5%	80.97
73	LKTGJ120	471457	2629371	10	6.39	88.46	2.0%	97.5%	99.0%	4.5%	79.91
74	LKTGJ121	471093	2629867	10	5.52	89.91	2.0%	97.5%	99.0%	4.5%	81.22
75	LKTGJ122	470771	2630534	6	5.38	90.56	2.0%	97.5%	99.0%	4.5%	81.81
76	LKTGJ123	469511	2631129	6	4.15	93.58	2.0%	97.5%	99.0%	4.5%	84.54
77	LKTGJ124	469455	2632028	8	3.00	95.98	2.0%	97.5%	99.0%	4.5%	86.71
78	LKTGJ127	471750	2631617	10	4.56	92.24	2.0%	97.5%	99.0%	4.5%	83.43
79	LKTGJ128	472087	2630770	11	5.72	90.03	2.0%	97.5%	99.0%	4.5%	81.33
											6,582

<b>Average Annual Estimated Generation (20 Years) - P(50) =</b>											<b>83.30 lac kWh</b>
<b>Average Annual Estimated Generation (20 Years) - P(75) =</b>											<b>78.44 lac kWh</b>
<b>Average Annual Estimated Generation (20 Years) - P(90) =</b>											<b>74.06 lac kWh</b>

OCF : Other Correction Factor  
 ADC : Air Density Correction

MA : Machine Availability  
 GA : Grid Availability

ESL : Electrical System Losses  
 [from WTG controller to metering point.





Energy Prognosis - Estimated Annual Energy Generation

Estimated Generation at Lakhpat Site  
(Based on Panadra Suzlon Mast; Data Period - From Apr 2012 to Mar 2013)

Record No : WRD/F/FMX/GJ/17-18/103/177  
Date: 15-Jan-2018

Energy Capture Summary	
Project	Lakhpat
Wind turbine type	S111
Turbine Capacity	2100 KW
Hub height	140 m
Number of turbines	45
Site capacity	94.5 MW
Estimated annual net energy production - P(50)	3585 lac units
Estimated annual net energy production / WTG - P(50)	81.88 lac units



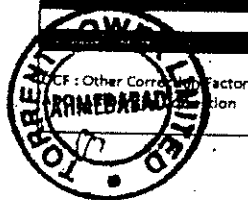
Note: This estimation is based on the present layout. Any addition of further WTG's around the present layout can affect the estimated generation.

Sr. No	Loc. No.	Turbine Co ordinate [m]			Wake Loss [%]	P(50) Gen. Post Wake & ADC [Lac units]	OCF	Assumptions (Annual)			Net Est. Annual Gen. P50 [Lac units]
		UTM Zone : Easting	UTM Zone : Northing	UTM Zone : Elevation [m]				MA	GA	ESL	
1	LKTGJ016	464702	2618895	32	2.85	93.20	1.500%	97.5%	99.0%	4.5%	84.62
2	LKTGJ017	466271	2618992	35	3.52	91.94	1.500%	97.5%	99.0%	4.5%	83.48
3	LKTGJ031	467098	2619784	30	5.04	89.88	2.0%	97.5%	99.0%	4.5%	81.20
4	LKTGJ032	468432	2619976	32	4.78	89.96	2.0%	97.5%	99.0%	4.5%	81.27
5	LKTGJ033	468716	2620921	32	5.65	89.21	2.0%	97.5%	99.0%	4.5%	80.59
6	LKTGJ046	469066	2621644	35	5.23	91.11	2.0%	97.5%	99.0%	4.5%	82.31
7	LKTGJ047	469754	2620804	36	5.28	90.14	2.0%	97.5%	99.0%	4.5%	81.43
8	LKTGJ048	469815	2619991	40	4.01	91.38	1.5%	97.5%	99.0%	4.5%	82.97
9	LKTGJ049	471261	2618297	38	1.90	92.17	1.0%	97.5%	99.0%	4.5%	84.11
10	LKTGJ050	471529	2617766	35	1.95	91.55	1.0%	97.5%	99.0%	4.5%	83.55
11	LKTGJ051	471765	2617133	41	1.99	92.45	1.0%	97.5%	99.0%	4.5%	84.37
12	LKTGJ052	472167	2616630	46	2.23	92.41	1.0%	97.5%	99.0%	4.5%	84.33
13	LKTGJ053	472341	2615719	51	2.10	89.46	1.0%	97.5%	99.0%	4.5%	81.64
14	LKTGJ054	473643	2615905	71	3.35	93.62	1.5%	97.5%	99.0%	4.5%	85.01
15	LKTGJ055	473632	2616522	65	4.81	92.45	1.0%	97.5%	99.0%	4.5%	84.37
16	LKTGJ056	473748	2617105	44	5.67	88.22	1.0%	97.5%	99.0%	4.5%	80.31
17	LKTGJ057	474124	2617636	41	6.69	87.77	1.0%	97.5%	99.0%	4.5%	80.10
18	LKTGJ058	474259	2618286	35	4.56	88.33	1.0%	97.5%	99.0%	4.5%	80.61
19	LKTGJ059	472881	2617905	46	4.97	90.21	1.0%	97.5%	99.0%	4.5%	82.33
20	LKTGJ060	473215	2618739	45	3.87	90.84	1.0%	97.5%	99.0%	4.5%	82.90
21	LKTGJ061	472148	2620019	38	3.72	89.35	1.0%	97.5%	99.0%	4.5%	81.54
22	LKTGJ062	470991	2620748	44	5.70	90.60	1.5%	97.5%	99.0%	4.5%	82.26
23	LKTGJ063	472350	2620896	35	4.63	89.58	1.5%	97.5%	99.0%	4.5%	81.34
24	LKTGJ064	471817	2621504	33	6.08	88.66	1.5%	97.5%	99.0%	4.5%	80.50
25	LKTGJ065	471204	2622063	40	5.01	91.66	2.0%	97.5%	99.0%	4.5%	82.80
26	LKTGJ066	470558	2622504	35	5.41	90.65	2.0%	97.5%	99.0%	4.5%	81.89
27	LKTGJ109	473315	2622015	32	6.25	87.97	1.5%	97.5%	99.0%	4.5%	79.88
28	LKTGJ110	474906	2621038	35	4.43	89.07	1.5%	97.5%	99.0%	4.5%	80.87
29	LKTGJ111	474876	2621675	32	4.58	88.88	1.5%	97.5%	99.0%	4.5%	80.70
30	LKTGJ112	474580	2622239	32	5.65	88.77	1.5%	97.5%	99.0%	4.5%	80.60
31	LKTGJ143	478815	2618597	51	2.89	91.39	1.5%	97.5%	99.0%	4.5%	82.98
32	LKTGJ144	478980	2618010	57	3.20	90.22	1.5%	97.5%	99.0%	4.5%	81.92
33	LKTGJ145	480159	2618871	55	4.91	89.73	1.5%	97.5%	99.0%	4.5%	81.47
34	LKTGJ146	479899	2619398	50	4.72	90.55	1.5%	97.5%	99.0%	4.5%	82.22
35	LKTGJ147	479844	2620097	45	3.61	90.87	2.0%	97.5%	99.0%	4.5%	82.09
36	LKTGJ148	479559	2620655	46	3.11	91.30	2.0%	97.5%	99.0%	4.5%	82.48
37	LKTGJ149	479334	2621212	48	3.15	92.12	1.5%	97.5%	99.0%	4.5%	83.64
38	LKTGJ150	479110	2621768	46	3.37	91.92	1.5%	97.5%	99.0%	4.5%	83.46
39	LKTGJ182	480895	2620872	51	5.68	88.99	1.5%	97.5%	99.0%	4.5%	80.80
40	LKTGJ183	481120	2620315	47	5.91	87.64	1.5%	97.5%	99.0%	4.5%	79.58
41	LKTGJ184	481508	2619825	47	5.69	87.71	2.0%	97.5%	99.0%	4.5%	79.24
42	LKTGJ185	481647	2619244	56	5.03	88.71	2.0%	97.5%	99.0%	4.5%	80.14
43	LKTGJ186	481916	2618684	60	3.45	89.20	2.0%	97.5%	99.0%	4.5%	80.58
44	LKTGJ187	482456	2620532	57	6.85	88.03	2.0%	97.5%	99.0%	4.5%	79.52
45	LKTGJ188	482232	2621088	56	6.03	89.15	2.0%	97.5%	99.0%	4.5%	80.54

Average Annual Estimated Generation (20 Years) - P(50) = 81.85 lac kWh

Average Annual Estimated Generation (20 Years) - P(75) = 77.11 lac kWh

Average Annual Estimated Generation (20 Years) - P(90) = 72.82 lac kWh



MA : Machine Availability  
GA : Grid Availability

ESL : Electrical System Losses  
(from WTG controller to metering point)



000286

**TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED**

From:  
Executive Director  
HRD & Planning,  
APTRANSCO, Vidyut Soudha,  
Günadala, Vijayawada - 520004

To,  
M/s. Suzlon Energy Ltd,  
6-3-1090, C Block, 2<sup>nd</sup> Floor,  
TSR Towers, Rajbhavan Road,  
Somajiguda, Hyderabad-82.

Lr.No.ED/HRD & Plg/EE-RE/DEE-C/F- Axis -Suzlon/D.No: 166 /18, dt: 4 .07.2018

Sir,

**Sub:** M/s Suzlon Energy Ltd-Construction of 3X500MVA ICTs and its associated bays at Uravakonda 400KV SS-Approval issued – Reg.

**Ref:** 1) M/s Suzlon Energy Ltd letter dtd.11.06.2018

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Please refer to the letter cited.

APTRANSCO has accorded approval to M/s Suzlon Energy Ltd for financing, constructing and handing over of entire assets after construction to APTRANSCO of 3X500MVA Transformers and associated Bays at the existing 400KV Uravakonda-1 SS, where "Reconfiguration with isolation bus arrangements at 220KV and providing 400/220KV, 3 x 500 MVA PTRs along with 1 x 125 MVAR Bus Reactor in addition to the already commissioned 125 MVAR bus reactor at 400kV bus of existing 400/220kV Uravakonda SS instead of approved Uravakonda-2 SS" has been in-principle approved in the 42<sup>nd</sup> Standing Committee Meeting held on 27.04.2018 at Ernakulam, Kerala and also APTRANSCO has approved this revised evacuation pertaining to 400KV Uravakonda-2 SS.

Hence, you are requested to undertake the construction of new 3X500MVA ICTs and its associated bays as per APTRANSCO drawings and specifications at your cost with the following conditions.

- a) The construction of 3X500MVA ICTs and its associated bays shall be executed in phased manner one after another by M/s Suzlon Energy Ltd.
- b) The assets shall be transferred to APTransco through Gift Deeds.
- c) APTRANSCO to accord connectivity approvals for the balance of capacity with First Right of Refusal to M/s Suzlon Energy Ltd.
- d) APTRANSCO to exempt all charges i.e Supervision Charges, Engineering Charges, Establishment Charges, Incidental Charges etc.
- e) APTRANSCO to provide required land.

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- f) APTRANSCO to provide Reactor as per requirement.
- g) APTRANSCO to provide fast track approvals such as construction, inspection, commissioning approvals and any relevant related work approvals.

Further, you are requested to submit your consent to the Chief Engineer/400KV Construction/VS/Vijayawada and take up the work.

Yours faithfully,

B. V. Shanthi Sanyal  
Executive Director 4/7/11  
HRD & Planning

Copy to: Chief Engineer/ 400KV Construction/APTRANSCO/VS/Vijayawada  
Chief Engineer/Construction/APTRANSCO/VS/Vijayawada  
Chief Engineer/Kadapa Zone/APTRANSCO/Kadapa  
Superintending Engineer/OMC/APTRANSCO/Ananthapur