

विशाखपट्टणम पोर्ट ट्रस्ट
VISAKHAPATNAM PORT TRUST
(ISO 9001, ISO 14001 OHSAS - 18001 :: ISPS PORT)

File No. IM&EE/MOF/ELE/ 1115
Dt: 06.03.2020

From
Sri K.Rama Mohana Rao, I.A.S
Chairman, VPT

To
THE SECRETARY,
Andhra Pradesh Electricity Regulating Commission,
D.No.11-4-660, 4th floor,
Singareni Bhavan, Red Hills
HYDERABAD - 500 004.

Sir,

Sub: **VPT-Exemption of Transmission & Distribution charges as well as continuation of incentives for 10 MW captive Solar Power plant established as per AP Solar Power Policy – 2015 – Reg.**

- Ref: 1. Public notice dated 17-02-2020 on Draft Regulation to amend the "APERC (Terms and Conditions of Open Access) Regulation, 2005".
2. AP Solar Policy 2015 Vide G.O.Ms. No.8 dt. 12-02-2015 issued by Energy, Infrastructure & Investment (PR-II) Dept., Govt. of AP.
3. AP Solar Policy 2018 Vide G.O.Ms. No.1 dt. 03-01-2019 issued by Energy Infrastructure & Investment (PR-II) Dept., Govt. of AP.
4. G.O. Ms. No.35 dt. 18-11-2019 issued by Energy (Power- II) Department, Govt. of AP.
5. Approval letter from CE, APSLDC, AP TRANSCO, Vijayawada vide approval No. APSLDC / 77 / 2019-20 Dt: 31-12-2019.
6. Approval letter from CE, APSLDC, AP TRANSCO, Vijayawada vide approval No. APSLDC / 89 / 2019-20 Dt: 31-01-2020.

With reference to the public notice cited in reference (1) the following few lines are submitted and brought to your kind consideration.

Visakhapatnam Port Trust has established a 10 MW Solar Power plant at Survey No. 67, Kapparada Village, besides Aerodrome, near Airport, Visakhapatnam on Capex Model through M/s Jakson Engineers Ltd., Noida at capital cost of Rs. 57.5 crores duly availing the PMC services of M/s Solar Energy Corporation of India, New Delhi towards electrical energy generation for captive utilization of VPT 11 KV HT service connections. The Solar





ISO 9001, ISO 14001
OHSAS - 18001

Plant of 10 MW was put in to commercial operations w.e.f 17th May 2017. The said 10 MW Solar Power Plant of VPT was established under AP Solar Policy 2015 as per G.O.Ms. No.8 dt. 12.02.2015 issued by the Energy, Infrastructure & Investment (PR-II) Dept., Govt. of AP. As per the Solar Policy 2015, as an incentive to Solar Power Project developers, payment of Transmission and Distribution charges, distribution losses, energy banking, cross subsidy charges etc., are exempted for a period of 10 years from the date of Commissioning of the plant within an operative period of 5 years from the date of issuance of the G.O.

As per Solar Policy 2018, vide G.O.Ms.No.1, dated 03.01.2019 issued by Energy, Infrastructure & Investment (PR-II) Dept., Govt. of AP, the earlier said incentives to the Solar Project developers were withdrawn within the operating period of 5 years from the date of issuance of the G.O.

As per G.O.Ms.No. 35, Dt. 18.11.2019 issued by Energy (Power II) Department, Govt. of AP, an amendment to the AP Solar Policy 2018 was issued by deleting / amending all provisions in the Solar Policy 2015. While issuing approval to enter into short term open access agreement from 01.01.2020 to 31.01.2020, the Chief Engineer APSLDC, APTRANSCO has issued payment schedules for transmission charges at 132 kV side at Rs. 119.28 per KW per Month. With this tariff, for 10 MW Solar Power Plant, VPT has to pay Rs.11,92,800/- per Month for availing of consumption through third party consumers. Further while issuing approval to enter into short term open access agreement from 01.02.2020 to 29.02.2020, the Chief Engineer APSLDC, APTRANSCO has issued payment schedules for distribution charges at 11 kV side at Rs. 349.71 per KW per Month. With this tariff, for 10 MW Solar Power Plant, VPT has to pay Rs.34,97,100/- per Month, which comes to Rs. 2.00 approx per unit for utilization of our generated energy for captive consumption.

As is aware Visakhapatnam Port Trust has installed 10 MW plant which is more than the VPT load but committed to develop green energy on an exemplary way as per MoS, GoI directions and moreover it is not a commercial player in energy sector but committed to extend green energy development movement of GoI.

The subject project has been registered with NREDCAP being the Nodal agency vides **Registration No. APSPP 2015-014, Dt. 09.10.2015** and was executed under the



ISO 9001, ISO 14001
OHSAS - 18001

विशाखपट्टणम पोर्ट ट्रस्ट
VISAKHAPATNAM PORT TRUST

guidance of AP Transco and APEPDCL authorities as directed by NREDCAP, duly considering the insensitives that were enumerated under Solar Policy of AP,2015 only. Further, it is to highlight that nearly 30% of the plant generation is excess to VPT after meeting captive requirements.

As per the 2015 Solar policy the exemption of transmission and distribution charges as well as facility of energy banking will be in force for 10 years from the date of Commissioning of the plant within an operative period of 5 years from the date of issuance of the G.O. Since our Captive Power plant is established under 2015 solar power policy, we are entitled to avail exemption of transmission and distribution charges as well as facility of energy banking till 16-05-2027.

The GoAP has withdrawn exemption of transmission and distribution charges vide Solar Power Policy GO.Ms.No. 1, dated 03-01-2019 and the levy of transmission and distribution charges would be in force prospectively and it is applicable to Solar plants that come into existence after 03-01-2019 only.

In this regard, it is resubmitted that our objection on levy of transmission and distribution charges to us and direct M/s. AP Transco / M/s APEPDCL not to levy transmission and distribution charges as well to continue the erstwhile incentives including energy banking etc on our Solar Power Plant as the plant was established during 2017 which comes under the AP Solar Power Policy, 2015.

CHAIRMAN
Visakhapatnam port trust

MISSION CORPORATION OF ANDHRA PRADESH LIMITED
STATE LOAD DESPATCH CENTRE
VIDYUT SOUDHA, GUNADALA, VIJAYAWADA – 520 004
APPROVAL FOR SHORT TERM INTRA STATE OPEN ACCESS

Approval No. **APSLDC/77/2019-20**
 Ref: Application No. IM&EE/MOF/ELEC/EMP-960

Dated: 31.12.2019
 Dated: 23.12.2019

1. Name of customer : Visakhapatnam Port Trust, H.T. SC.No. VSP-1375, Visakhapatnam-530001
2. Name of injecting utility: Visakhapatnam Port Trust, Solar PV 10 MW Power Plant at 33KV level connected to 132/33 KV Common Point SS, Gnanapuram, APEPDCL
3. Name of Drawee utility :
 - 1) VPT:H.T.S.No.VSP 007(11KV, Town SS, Captive Usage)
 - 2) VPT:H.T.S.No.VSP 009(11KV, Malkapuram SS, Captive Usage)
 - 3) VPT: H.T.S.No.VSP 098 (11KV, Akkayyapalam SS, Captive usage)
 - 4) VPT:H.T.S.No.VSP 127(11KV, Gnanapuram SS, Captive Usage)
 - 5) VPT: H.T.S.No.VSP 212(11KV, Akkayyapalam SS, Captive Usage)
 - 6) VPT:H.T.S.No.VSP 309(11KV, Malkapuram SS, Captive Usage)
 - 7) VPT: H.T.S.No.VSP- 361 (11KV, Akkayyapalam SS, Captive Usage)
 - 8) VPT:H.T.S.No.VSP 1655(11KV, Malkapuram SS, Captive Usage)
 - 9) VPT:H.T.S.No.VSP 1718(11KV, Siripuram SS, Captive Usage)
 - 10) VPT H.T.S.No.VSP-1720(11KV, Gnanapuram SS, Captive Usage)
 - 11) VPT H.T.S.No.VSP-166 (132KV, Gajuwaka SS, Third party Usage)
 - 12) VPT H.T.S.No.VSP-1071 (132KV, Port SS, Third party Usage)
4. Intervening Discom : APEPDCL.
5. Open Access Capacity Applied: 10MW, Captive Usage

Name of Consumer availing OA	From date	From Hrs	To date	To Hrs	At Injecting point in MW
VPT H.T.SC.No.VSP-007	01.01.2020	00:00	31.01.2020	24:00	1.10
VPT H.T.SC.No.VSP-009	01.01.2020	00:00	31.01.2020	24:00	0.10
VPT H.T.SC.No.VSP-098	01.01.2020	00:00	31.01.2020	24:00	0.20
VPT H.T.SC.No.VSP-127	01.01.2020	00:00	31.01.2020	24:00	0.10
VPT H.T.S.No.VSP-212	01.01.2020	00:00	31.01.2020	24:00	0.10
VPT H.T.S.No.VSP-309	01.01.2020	00:00	31.01.2020	24:00	0.10
VPT H.T.S.No.VSP-361	01.01.2020	00:00	31.01.2020	24:00	0.20
VPT H.T.S.No.VSP-1655	01.01.2020	00:00	31.01.2020	24:00	0.05
VPT H.T.S.No.VSP-1718	01.01.2020	00:00	31.01.2020	24:00	0.10
VPT H.T.S.No.VSP-1720	01.01.2020	00:00	31.01.2020	24:00	0.10
VPT H.T.S.No.VSP-166	01.01.2020	00:00	31.01.2020	24:00	0.10
VPT H.T.S.No.VSP-1071	01.01.2020	00:00	31.01.2020	24:00	0.10

Contd..(2)

6. Open access capacity approved for maximum injection of 10 MW :

Name of Consumer availing OA	From date	From Hrs	To date	To Hrs	At Injecting point in KW
VPT H.T.SC.No.VSP-007	01.01.2020	00:00	31.01.2020	24:00	1100
VPT H.T.SC.No.VSP-009	01.01.2020	00:00	31.01.2020	24:00	100
VPT H.T.SC.No.VSP-098	01.01.2020	00:00	31.01.2020	24:00	200
VPT H.T.SC.No.VSP-127	01.01.2020	00:00	31.01.2020	24:00	100
VPT H.T.S.No.VSP-212	01.01.2020	00:00	31.01.2020	24:00	100
VPT H.T.S.No.VSP-309	01.01.2020	00:00	31.01.2020	24:00	100
VPT H.T.S.No.VSP-361	01.01.2020	00:00	31.01.2020	24:00	200
VPT H.T.S.No.VSP-1655	01.01.2020	00:00	31.01.2020	24:00	50
VPT H.T.S.No.VSP-1718	01.01.2020	00:00	31.01.2020	24:00	100
VPT H.T.S.No.VSP-1720	01.01.2020	00:00	31.01.2020	24:00	100
VPT H.T.S.No.VSP-166	01.01.2020	00:00	31.01.2020	24:00	100
VPT H.T.S.No.VSP-1071	01.01.2020	00:00	31.01.2020	24:00	100

7. Approval is in accordance to the provisions of the Andhra Pradesh State Electricity Regulatory Commission (Terms and Conditions of Open Access) Regulation, 2 of 2005 & 1 of 2016. Company has to enter into short term open access agreement with APEPDCL in the APERC approved format.
8. This approval is subject to payment of Security Deposit to APTRANSCO through on line in favour of SAO/APSLDC/APTRANSCO before commencement of Open Access as specified in the 'Schedule of Payment' enclosed.
9. LC should be opened before commencement of Open Access at APEPDCL.
10. This approval is subject to
 - a. The trader/licensee holding a valid license/permission granted by APERC/CERC.
 - b. Payment of monthly SLDC charges as per payment schedule enclosed.
 - c. Payment of monthly wheeling charges to APEPDCL.
 - d. The responsibility by the company of ensuring compliances with the provisions of Electricity Act, 2003, the APERC Regulations on terms and conditions of Open Access in Intra-State transmission and Distribution Networks Regulation No. 2 of 2005 and on relevant Tariff orders. Regulation on Levy and collection of fees and charges by SLDC vide Regulation No. 1/2006.
 - e. Losses has to be paid in kind.
 - f. Any other regulation /rules/conditions as may be issued by APERC from time to time.

Encl: Schedule of payments.

PLACE: Vijayawada
DATE : 31.12.2019

Signature *K. Sudha Rani*
Name K Sudha Rani
Designation: Chief Engineer/SLDC
Vidyut Soudha, Vijayawada

Copy to:

- 1) The FA&CCA/(R&E)/APTransco/ VS/Vijayawada.
- 2) The CGM/P & MIM, IPC/APEPDCL/Visakhapatnam - to arrive the line losses from generating pooling switchyard to 132/33 KV Common Point SS/APEPDCL, if any at the time of JMR readings and arrange sending the same to EBC/APTransco monthly
- 3) The EE/EBC/APTRANSCO/VS/Vijayawada

SCHEDULE OF PAYMENT

Dt. 31.12.2019.

1. Approval No. APSLDC/ 77/2019-20
Ref: Application Dated: 23.12.2019
2. a) An Amount of **Rs.12,15,861/-** towards Security Deposit before commencement of Open Access to APTransco.
b) Opening of Letter of Credit (LC) before commencement of Open Access for imbalance in supply and consumption of electricity for a period of 10 days. The validity of LC should be beyond one month of end date of this approval. The payment can also be made as advance deposit.
c) Payment of regular invoice and supplementary invoice shall be as per the terms and conditions of the agreement

Short Term Open Access Charges:

Sl. No.	Particulars	Rate for the year 2019-20	Capacity	Amount to be paid (Rs.)
1	SLDC fee	Rs. 1917.48/MW/Year	10000KW	1,598
2	SLDC operating charges	Rs.2146.34/MW/Month	10000KW	21,463
3	Transmission Charges	Rs.119.28/KW/Month	10000 KW	11,92,800
4.	Total			12,15,861

Note: i) Cross subsidy surcharge, additional surcharge and other applicable shall be paid as raised by APEPDCL from time to time.

ii) The mismatch amounts with respect to the above schedule has to be reconciled with concerned wings of APTransco / Concerned Discom and difference in amounts, if any, shall be collected from the applicant.

(iii) Discom Wheeling charges, if any, are to be paid as applicable.

Place: Vijayawada
Date: 31.12.2019.

Signature: *K. S. R. S.*

Designation: Chief Engineer/SLDC
4/10 Vidyut Soudha, Vijayawada

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED
STATE LOAD DESPATCH CENTRE
VIDYUT SOUDHA, GUNADALA, VIJAYAWADA – 520 004
APPROVAL FOR SHORT TERM INTRA STATE OPEN ACCESS

Approval No. **APSLDC/ 89 /2019-20**

Dated: 31.01.2020

Ref: Application No.IM&EE/MOF/ELEC/EMP-960

Dated: 28.01.2020

1. Name of customer : Visakhapatnam Port Trust, H.T. SC.No.VSP-1375, Visakhapatnam-530001
2. Name of injecting utility: Visakhapatnam Port Trust, Solar PV 10 MW Power Plant at 33KV level connected to 132/33 KV Common Point SS, Gnanapuram, APEPDCL
3. Name of Drawee utility : 1) VPT:H.T.S.No.VSP 007(11KV, Town SS, Captive Usage)
2) VPT:H.T.S.No.VSP 009(11KV, Malkapuram SS, Captive Usage)
3) VPT: H.T.S.No.VSP 098 (11KV, Akkayyapalam SS,Captive usage)
4) VPT:H.T.S.No.VSP 127(11KV, Gnanapuram SS, Captive Usage)
5) VPT: H.T.S.No.VSP 212(11KV, Akkayyapalam SS,Captive Usage)
6) VPT:H.T.S.No.VSP 309(11KV, Malkapuram SS, Captive Usage)
7) VPT: H.T.S.No.VSP- 361 (11KV, Akkayyapalam SS, Captive Usage)
8)VPT:H.T.S.No.VSP 1655(11KV, Malkapuram SS, Captive Usage)
9) VPT:H.T.S.No.VSP 1718(11KV, Siripuram SS, Captive Usage)
10) VPT H.T.S.No.VSP-1720(11KV, Gnanapuram SS, Captive Usage)
- 4 Intervening Discom : APEPDCL.
- 5 Open Access Capacity Applied: 10MW, Captive Usage

Name of Consumer availing OA	From date	From Hrs	To date	To Hrs	At Injecting point in MW
VPT H.T.SC.No.VSP-007	01.02.2020	00:00	29.02.2020	24:00	1.15
VPT H.T.SC.No.VSP-009	01.02.2020	00:00	29.02.2020	24:00	0.10
VPT H.T.SC.No.VSP-098	01.02.2020	00:00	29.02.2020	24:00	0.20
VPT H.T.SC.No.VSP-127	01.02.2020	00:00	29.02.2020	24:00	0.10
VPT H.T.S.No.VSP-212	01.02.2020	00:00	29.02.2020	24:00	0.15
VPT H.T.S.No.VSP-309	01.02.2020	00:00	29.02.2020	24:00	0.10
VPT H.T.S.No.VSP-361	01.02.2020	00:00	29.02.2020	24:00	0.20
VPT H.T.S.No.VSP-1655	01.02.2020	00:00	29.02.2020	24:00	0.1
VPT H.T.S.No.VSP-1718	01.02.2020	00:00	29.02.2020	24:00	0.10
VPT H.T.S.No.VSP-1720	01.02.2020	00:00	29.02.2020	24:00	0.15

Contd..(2)

11. Open access capacity approved for maximum injection of 10 MW :

Name of Consumer availing OA	From date	From Hrs	To date	To Hrs	At Injecting point in KW
VPT H.T.SC.No.VSP-007	01.02.2020	00:00	29.02.2020	24:00	1150
VPT H.T.SC.No.VSP-009	01.02.2020	00:00	29.02.2020	24:00	100
VPT H.T.SC.No.VSP-098	01.02.2020	00:00	29.02.2020	24:00	200
VPT H.T.SC.No.VSP-127	01.02.2020	00:00	29.02.2020	24:00	100
VPT H.T.S.No.VSP-212	01.02.2020	00:00	29.02.2020	24:00	150
VPT H.T.S.No.VSP-309	01.02.2020	00:00	29.02.2020	24:00	100
VPT H.T.S.No.VSP-361	01.02.2020	00:00	29.02.2020	24:00	200
VPT H.T.S.No.VSP-1655	01.02.2020	00:00	29.02.2020	24:00	100
VPT H.T.S.No.VSP-1718	01.02.2020	00:00	29.02.2020	24:00	100
VPT H.T.S.No.VSP-1720	01.02.2020	00:00	29.02.2020	24:00	150

12. Approval is in accordance to the provisions of the Andhra Pradesh State Electricity Regulatory Commission (Terms and Conditions of Open Access) Regulation, 2 of 2005 & 1 of 2016. Company has to enter into short term open access agreement with APEPDCL in the APERC approved format.

13. This approval is subject to payment of Security Deposit to APTRANSCO through on line in favour of SAO/APSLDC/APTRANSCO before commencement of Open Access as specified in the 'Schedule of Payment' enclosed.

14. LC should be opened before commencement of Open Access at APEPDCL.

15. This approval is subject to

- The trader/licensee holding a valid license/permission granted by APERC/CERC.
- Payment of monthly SLDC charges as per payment schedule enclosed.
- Payment of monthly wheeling charges to APEPDCL.
- The responsibility by the company of ensuring compliances with the provisions of Electricity Act, 2003, the APERC Regulations on terms and conditions of Open Access in Intra-State transmission and Distribution Networks Regulation No. 2 of 2005 and on relevant Tariff orders. Regulation on Levy and collection of fees and charges by SLDC vide Regulation No. 1/2006.
- Losses have to be paid in kind.
- Any other regulation /rules/conditions as may be issued by APERC from time to time.

Encl: Schedule of payments.

PLACE: Vijayawada

DATE : 31.01.2020

Signature

Name

K Sudha Rani

Designation:

Chief Engineer/SLDC

Vidyut Soudha, Vijayawada

Copy to:

1) The FA&CCA/(R&E)/APTransco/ VS/Vijayawada

2) The CGM/P & MM, IPC/APEPDCL/Visakhapatnam - to arrive the line losses from generating pooling switchyard to 132/33 KV Common Point SS/APEPDCL, if any at the time of JMR readings and arrange sending the same to EBC/APTransco monthly

3) The CGM/(HRD & Plg)/ APTransco/VS/Vijayawada

4) The EE/EBC/APTRANSCO/VS/Vijayawada

SCHEDULE OF PAYMENT

Dt. 31.01.2020.

3. Approval No. **APSLDC/ 89 /2019-20**
Ref: Application Dated: 28.01.2020
4. a) An Amount of **Rs.23, 061/- & Rs. 34, 97,100/-** towards Security Deposit to APTRANSCO & APEPDCL before commencement of Open Access.
- b) Opening of Letter of Credit (LC) before commencement of Open Access for imbalance in supply and consumption of electricity for a period of 10 days. The validity of LC should be beyond one month of end date of this approval. The payment can also be made as advance deposit.
- c) Payment of regular invoice and supplementary invoice shall be as per the terms and conditions of the agreement

Short Term Open Access Charges:

Sl. No.	Particulars	Rate for the year 2019-20	Capacity	Amount to be paid (Rs.)
1	SLDC fee	Rs. 1917.48/MW/Year	10000KW	1,598
2	SLDC operating charges	Rs.2146.34/MW/Month	10000KW	21,463
	Total			23,061
3	Discom 11KV wheeling charges	Rs 349.71/KW/Month	10000KW	34,97,100

Note: i) Cross subsidy surcharge, additional surcharge and other applicable shall be paid as raised by APEPDCL from time to time.

ii) The mismatch amounts with respect to the above schedule has to be reconciled with concerned wings of APTransco / Concerned Discom and difference in amounts, if any, shall be collected from the applicant.

(iii) Discom Wheeling charges, if any, are to be paid as applicable.

Place: Vijayawada
Date: 31.01.2020.

Signature:

K. S. L. B.
Designation: Chief Engineer/SLDC
Vidyut Soudha, Vijayawada

31/01/2020
31/01/2020
31/01/2020
AEE/OA DEE/OA EE/OA

K. S. L. B.
SE/EEBC



SOLAR PV POWER PLANT COMMISSIONING CERTIFICATE

This is to certify that the total **10 MW** solar PV Power Plant of M/s Visakhapatnam Port Trust, at Kapparada Village, beside Aero drum (Mdl) of Visakhapatnam District is synchronized to the grid in the presence of the officials of EPDCL and M/S Visakhapatnam Port Trust.

The details of Capacity commissioned are given below.

CEA Approval Ref No.: 1) 42/12/2/2016 - RIO(S)/1864, Dated: 15.03.2016

2) CEL/4/EI/RIO (S)/Insp/2016/791 Dt.31.05.2016

3) CEL/4/EI/RIO (S)/Insp/2016/1174 Dt.18.07.2016

4) CEL/4/EI/RIO (S)/Insp/2016 Dt.31.12.2016

SI No.	Date	Inter connection point (Metering Point)	Existing Capacity	Previously Commissioned Capacity	Now Commissioned Capacity	Total
1	17.05.17	Solar Power Plant	10 MW	6.25 MW	3.75 MW	10 MW

PV Module Details					
SI No.	Date	Inter connection point (Metering Point)	No. Of Modules	Capacity of each module	Cumulative total Capacity
1		Solar Power Plant	36620	310W	11.35 MW (DC Side)
2					
3					
Total					

The details of the plant and substation are given below:

Plant address:

Survey No: 67, Kapparda village beside Aero drum of Visakhapatnam

Feeder Details: 33 KV HT VSP 1375 132/33 KV common point SS Meters provided at solar plant (Generator premises)

SI No.	Meter	Make	Serial No.	Class	Date of Installation	MF
1	Main Meter	Elster	02811533	0.25	08.05.2016	1000
2	Check Meter	Elster	02811534	0.25	08.05.2016	1000
3	Standby Meter	Elster	02811535	0.25	08.05.2016	1000

CT PT DETAILS :

Particulars	CT PT Details of Main & check Meters		CT PT Details of Standby Meter	
	PT Details	CT Details	PT Details	CT Details
Make	G.S Electricals	G.S Electricals	G.S Electricals	G.S Electricals
R	G.s Electricals 0.2	G.S Electricals 0.2 S	G.S Electricals 0.2	G.S Electricals 0.2 S
Y				
B				
Class Of Accuracy	0.2	0.2S	0.2	0.2S
Burden	10 VA	5VA	10 VA	5 VA

Verified the CTs & PTs test reports and certified that burden of CTs and PTs is of 05 VA and 10VA respectively & class of accuracy is 0.2 S and 0.2 Class CTs and PTs respectively and 0.2 S class meters are tested at NABL accredited lab in the presence of APDISCOM & VPT Staff.

Hourly Energy meter reading w.r.t 1 MW (08.05.16) , 6.25 MW as on dt 21.07.2016 & 10MW as on dt 17.05.2017

Date	Time	Main	Check	Standby	Remarks
08.05.16	MWH	7.07	7.07	7.06	At 1 MW
	MVAH	10.87	10.87	10.97	
21.07.16	MWH	447.59	447.59	447.67	At 6.25 MW
	MVAH	451.85	451.85	451.92	
17.05.17	MWH	6971.69	6971.69	6971.58	At 10 MW
	MVAH	6979.6	6979.6	6979.7	

The generator shall ensure that the harmonics injected in to the grid shall conform to the grid specification as specified by APEC/CERC from time to time.

The above plant was commissioned as per EPDCL of AP/ APTRANSCO Guidelines and the performance of the above plant has been satisfactory .The date of Synchorinization of the plant is 17.05.2016.

Note :- The certification is being done subject to the under taking given by VPT for completion of the following works by 30.06.17.

1. Commissioning of 1 no of 33 KV out door VCB.
2. SCADA Telemetry system with SLDC of AP.
3. 33 KV line double run cable laying works.

[Signature]
DE/M&P APEPDCL
/Visakhapatnam

1. 33KV cables at all Railway crossings must be double run.

2. 33KV line AB Switch

should be provided in between line to attend breakdown rectification.

[Signature]
25/5/17
DE/Op/22/VSP.

[Signature] 17/5/17.
Superintendent Engineer (VPT)

1) Grid Inverter -I Details

Make : Hitachi
Sl.No : 1004881444
Mfg No : 15124002
Capacity : 1250 KW
Input Volatage : 600 V DC-900V DC
Out put Voltage : 350 V-AC,3-phase

2) Grid Inverter -II Details

Make : Hitachi
Sl.No : 1004881784
Mfg No : 15124001
Capacity : 1250 KW
Input Volatage : 600 V DC-900V DC
Out put Voltage : 350 V-AC,3-phase

3) Grid Inverter -III Details

Make : Hitachi
Sl.No : 1004890802
Mfg No : 16024327
Capacity : 1250 KW
Input Volatage : 600 V DC-900V DC
Out put Voltage : 350 V-AC,3-phase

4) Grid Inverter -IV Details

Make : Hitachi
Sl.No : 1004890788
Mfg No : 16024326
Capacity : 1250 KW
Input Volatage : 600 V DC-900V DC
Out put Voltage : 350 V-AC,3-phase

5) Grid Inverter -V Details

Make : Hitachi
Sl.No : 1004890791
Mfg No : 16024322
Capacity : 1250 KW
Input Volatage : 600 V DC-900V DC
Out put Voltage : 350 V-AC,3-phase

6) Grid Inverter -VI Details

Make : Hitachi
Sl.No : 1004890806
Mfg No : 16024324
Capacity : 1250 KW
Input Voltage : 600 V DC-900V DC
Out put Voltage : 350 V-AC,3-phase

7) Grid Inverter -VII Details

Make : Hitachi
Sl.No : 1004890783
Mfg No : 16024325
Capacity : 1250 KW
Input Volatage : 600 V DC-900V DC
Out put Voltage : 350 V-AC,3-phase

8) Grid Inverter -VIII Details

Make : Hitachi
Sl.No : 1004890807
Mfg No : 16024323
Capacity : 1250 KW
Input Volatage : 600 V DC-900V DC
Out put Voltage : 350 V-AC,3-phase

Step up Transformer

Make : Servomax
Capacity : 1250 KVA
Volatage : 350V/33KV

[Signature]
ADE/HTM/SLM/VSP

[Signature]
DEE/M&P/VSP

Remarks as noted
in sheet 2 to be
attended on
DEE/O/Zone-II/VSP Superintendent Engineer (VPT)
Top priority
[Signature] 28/5/17
DEE/O/Zone-II/VSP

VISAKHAPATNAM PORT TRUST
MECHANICAL & ELECTRICAL ENGINEERING DEPARTMENT.
SAFETY, HEALTH, ENVIRONMENT & QUALITY INTEGRATED MANAGEMENT SYSTEM
(DEPARTMENT MANUAL (MEE))
HIRA FORMAT (PART - A)

VPT/OHS/HIRA-A
Rev.1
Effective date: 30-04-2003

Section: 6.1

Work activity: 27. Maintenance of hydraulic push up cylinders

Location: O.H.C. SHIPPING SYSTEM (OSS)
D/I: D ; R/NR: NR.

Sl. No.	Type of Hazard	Type of Harm	Control measures in place	Risk assessment		Risk code	Risk level	Remarks
				Severity	Probability			
1.	Fall of material on head	Injury	Helmet. Periodical checking of lifting tools. Safety display boards.	II	D	10	Medium (Moderate)	
2.	Slip on level	Injury	Non skid shoes Non skid flooring Surroundings neat and clean.	II	D	10	Medium (Moderate)	
3.	Fall of persons from height	Injury	Safety belt Non skid flooring Railings. Periodical checking of structures. Safety display boards.	I	D	8	Serious (Substantial)	
4.	Hand injury	Injury	Hand gloves. Safety display boards.	II	D	10	Medium (Moderate)	

Work activity: 28. Boom Conveyor cardon shaft repair / renewal

D/I: D ; I R/NR: NR

Sl. No.	Type of Hazard	Type of Harm	Control measures in place	Risk assessment		Risk code	Risk level	Remarks
				Severity	Probability			
1.	Hand injury	Injury	Hand gloves Safety display boards.	II	D	10	Medium (Moderate)	
2.	Fall of persons from height	Injury	Safety belt Non skid flooring Railings. Helmet and shoes Periodical checking of structures.	I	D	8	Serious (Substantial)	
3.	Slip on level	Injury	Non-skid shoes Non skid flooring Safety boards displayed.	II	D	10	Medium (Moderate)	
4.	Fall of tools & material on hand	Injury	Helmet. Periodical checking of lifting tools.	II	D	10	Medium (Moderate)	
5.	Inhalation of dust	Ill health	Nose mask Dust suppression water sprinkling system	III	E	17	Medium (Moderate)	

Type of harm: Injury/ ill health, Damage/ Loss of property, D- Direct, I- In direct, R- Routine, NR- Non routine

PREPARED BY: DEPARTMENTAL MANUAL COMMITTEE

APPROVED BY: DOCUMENT CONTROLLER

ISSUE NO. : 2
DATE : 01-11-2011
PAGE NO. : 9 OF 16
REVISION NO. : 0
DATE : 01-11-2011

OBSOLETE

CONTROL

ఆంధ్రప్రదేశ్ నూతన మరియు పునరుద్ధరణీయ ఇంధన వనరుల అభివృద్ధి సంస్థ లి.
New & Renewable Energy Development Corporation of Andhra Pradesh Ltd.

(A State Government Company)

(Formerly Non-Conventional Energy Development Corporation of Andhra Pradesh Ltd.)

Regd. Office : 5-8-207/2, Pisgah Complex, Nampally, Hyderabad - 500 001, India.

Tel : Off : 040-23202391, 23202262, 23203376 Fax : 040-23201666.

E-mail : info@nedcap.gov.in, nedcap@ap.nic.in Website : www.nedcap.gov.in



Ref: NREDCAP/APSPP-2015/81/NR-014/2015

Date: 09.10.2015

19

To
M/s. Visakhapatnam Port Trust,
Visakhapatnam

Sir,

Attention: Mr P. Kama Raju, SE, Electrical

Sub: ANDHRA PRADESH SOLAR POWER POLICY-2015 – Proposal for setting up
of 10 MW Solar Power Project – Registration of project – Communicated – Reg.
Ref: 1) G.O. Ms. No.8 dated 08.02.2015 of Energy, I&I(PR-II) Department, Govt. of AP
2) Project online registration ID no. SPD 10 VI 15065
& & &

Please refer to your proposal submitted vide reference 2nd cited for registration of 10.00 MW capacity Solar Power Project under ANDHRA PRADESH SOLAR POWER POLICY-2015 (APSPP-2015) at Kapparada Village, Visakhapatnam Urban Mandal & District, Andhra Pradesh for third party sale. Your proposal has been registered with New and Renewable Energy Development Corporation of Andhra Pradesh Ltd (NREDCAP), the State Nodal Agency under the said policy and your project registration details are as follows:

Capacity	10.00 MW
Purpose	Third party sale
Registration No.	APSPP2015-014
Date of Issuance	09.10.2015
Project Location	Sy.no.67 part of Kapparada Village, Visakhapatnam Urban Mandal & District, Andhra Pradesh

The above registration is subject to the provisions of Andhra Pradesh Solar Power Policy-2015 and also policies / guidelines / regulations issued from time to time by the Government of India, Government of Andhra Pradesh, CERC, APERC etc.

Thanking you,

Yours faithfully,

VC & MANAGING DIRECTOR

- CC: The Chief Engineer (IPC), A.P. Power Coordination Committee, APTRANSCO, Vidyuth Soudha, Hyderabad.
- CC: The Chief General Manager (Commercial), APEPDCL, P&T Colony, Seethammadhara, Visakhapatnam.
- CC: The District Manager, NREDCAP Ltd, Visakhapatnam district