

ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION

4th Floor, Singareni Bhavan, Red Hills, Hyderabad 500004

TUESDAY, THE SEVENTEENTH DAY OF MAY TWO THOUSAND AND TWENTY TWO

:Present:

Justice C.V. Nagarjuna Reddy, Chairman Sri P. Rajagopal Reddy, Member Sri Thakur Rama Singh, Member

IN THE MATTER OF

Determination of Pooled Cost of Power Purchase for FY 2020-21 to be considered for FY 2021-22 under the Renewable Power Purchase Obligation (Compliance by Purchase of Renewable Energy/Renewable Energy Certificates) Regulations, 2017 (Regulation 1 of 2017)

in

O.P.No. 14 of 2022

Eastern Power Distribution Company of Andhra Pradesh Limited (APEPDCL)

O.P.No. 15 of 2022

Southern Power Distribution Company of Andhra Pradesh Limited (APSPDCL)

O.P.No. 16 of 2022

Andhra Pradesh Central Power Distribution Corporation Limited (APCPDCL)

ORDER:

The Commission notified the APERC Renewable Power Purchase Obligation (Compliance by Purchase of Renewable Energy/Renewable Energy Certificates) Regulations, 2017 (Regulation No. 1 of 2017) on 31.03.2017. Clause 6.2. (1) of the said Regulations requires the Commission to issue an order relating to Pooled Cost of Power Purchase for the particular year pursuant to a petition filed by the DISCOMs. The 'Pooled Cost of Power Purchase' in Rs./kWh determined by the Commission is the rate payable by the DISCOMs to the developers who entered into the PPAs with them to sell

the Renewable Energy at the 'Pooled Cost of Power Purchase' under the REC mechanism. Clause 2(k) of the said Regulations defines the 'Pooled Cost of Power Purchase' as hereunder:

"'Pooled Cost of Power Purchase' means the weighted average pooled price at which the Distribution Licensee has purchased electricity in the previous year from all the long term energy suppliers excluding the purchases based on liquid fuel.

Provided that the purchases from traders, short-term purchases, and purchases from renewable sources shall not be taken into account while determining Pooled Cost of Power Purchase."

- 2. Pursuant to the said Regulations, APEPDCL, APSPDCL and APCPDCL filed separate petitions on 31.12.2021, 03.01.2022, and 12.01.2022 respectively for approval of Pooled Cost of Power Purchase for FY 2020-21 to be considered for the FY 2021-22 (The computation sheets indicating the Pooled Cost of Power Purchase as filed by APEPDCL, APSPDCL and APCPDCL are attached as ANNEXURE-II, ANNEXURE-II, and ANNEXURE-III respectively).
- 3. The said petitions were admitted and taken on the record of the Commission as O.P.No. 14 of 2022 for APEPDCL, O.P.No.15 of 2022 for APSPDCL, and O.P.No.16 of 2022 for APCPDCL. Public Notices were hosted on the website of the Commission on 14.02.2022 in respect of said petitions inviting interested persons/stakeholders to send their views/objections/ suggestions on the said petitions to the Secretary of the Commision by 23.03.2022, i.e., the date of the public hearing. Further, it was informed in the Public Notices that the said petitions would be taken for public hearing at 11:00 AM on 23.03.2022 through the web, and interested persons/organisations desirous of being heard in person may appear before the Commission on the said date of the public hearing.
- 4. Despite hosting the Public Notices on the website of the Commission, no objections have been received on the petitions as of the date of the Public Hearing on 23.03.2022. Sri P. Shiva Rao, learned standing counsel for the petitioners was present during the Public Hearing.
- 5. Though APEPDCL, APSPDCL, and APCPDCL filed separate petitions, the Commission is required to determine a single Pooled Cost of Power Purchase by clubbing the power

purchases of the three DISCOMs in accordance with clause 6.2. (1) of the said Regulations. Therefore, the Commission has decided to issue a common order in the above petitions determining a single Pooled Cost of Power Purchase as described below by clubbing the power purchases of the three DISCOMs.

- 6. The Commission in the order dated 30.03.2022 in O.P.No.122 of 2021, O.P.No. 123 of 2021 and O.P.No.124 of 2021 in the matter of Tariff determination for Retail Sale of Electricity during FY 2022-23 and True-up of Retail Supply Business for FY 2020-21 in respect of APEPDCL, APSPDCL, and APCPDCL respectively, determined the True-up of power purchase quantum and costs from various sources for FY 2020-21 for each DISCOM. Therefore, for arriving at the Pooled Cost of Power Purchase for FY 2020-21 to be considered for FY 2021-22, the Commission adopted the final power purchase quantities and costs determined from various sources in the above order after excluding the purchases based on the liquid fuel, purchases from traders, short-term purchases and purchases from renewable sources in accordance with clause 2(k) of Regulation 1 of 2017. Accordingly, the Commission computed the Pooled Cost of Power Purchase for FY 2020-21 to be considered for FY 2021-22 as Rs.4.60/kWh. The details of the calculation are shown in the ANNEXURE-IV:
- 7. The difference between the Provisional Pooled Cost of Power Purchase at Rs.3.741/kWh and the Pooled Cost of Power Purchase now determined in this Order shall be paid to the developers in six equal monthly instalments commencing from the billing month of June 2022 to facilitate the DISCOMs to make payments in a staggered manner rather than by a lump-sum payment to avoid any undue strain on the finances of the DISCOMs.

The Order is corrected and signed on this the 17th day of May, 2022.

Sd/-Thakur Rama Singh Member Sd/-Justice C.V. Nagarjuna Reddy Chairman Sd/-P. Rajagopal Reddy Member

ANNEXURE-1

276503/2021/CE-02-KRS-VJWD

APEPDCL POOLED COST for the FY 2020-21 to be considered in FY 2021-22

| Station | Energy (MU) | | VC Rate/ | FC Rate/ kwh | Avg. Rate/k | | |
|--|-------------|-------------|---------------|--------------------|----------------|-------|--------------|
| | | Fixed Cost | Variable Cost | Total Cost | kwh | | |
| CGS: | 1 | | | | | | 6.77 |
| NTECL Vallury Thermal Power | 110.00 | 41.55 | 32.92 | 74.47 | 2.99 | 3.78 | |
| NLC -Stage - I | 88.33 | 5.50 | 40.55 | 47.05 | 4.59 | 0.74 | 5.33 4.95 |
| NLC -Stage - II | 114.03 | 8.79 | 47.62 | | 4.18 | 0.77 | |
| NPC (MAPS) | 20.21 | 0 | 6.45 | 6.45 | 3.19 | 0.00 | 3.19 |
| NPC (Kalga Unit-I,II & III) | 301.79 | 0 | 107.62 | 107.62 | 3.57 | 0.00 | 3.57 |
| NI C Tamilnadu Power Ltd Stage.1 | | 58.97 | 94.58 | 153.55 | 3.45 | 2.16 | 5 61 |
| NLC NNTPS (New Thermal Station) | 273.57 | 11.84 | 13.89 | 25.73 | 2.40 | 2.05 | 4.45 |
| NTPC NVVNL Bundled Power (Only | 57.87 | 11.64 | 73.03 | | | | |
| | 22.11 | | 28.28 | 28.28 | 4.46 | 0.00 | 4.45 |
| COVI) | 63.44 | 0 | 20.20 | | | | |
| NTPC NSM Phase-II, Bundled Power | | | 284.02 | 284.02 | 4.37 | 0.00 | 4 37 |
| (COAL) | 650.40 | 0 | 655.93 | 783.58 | 3.91 | 0.76 | 4.67 |
| CGS other than NTPC (1) | 1679.64 | 127.65 | 176.70 | 228.99 | 2.66 | 0.79 | 3.45 |
| NTPC (SR) Ramagundam St. 1811 | 663.65 | 52.29 | | 407.05 | 3.03 | 1.19 | 4.22 |
| NTPC (SR) Simadri Stage 1 | 964.05 | 114.67 | 292.38 | 199.70 | 2.27 | 1.50 | 4.67 |
| NTPC (SR) Simadri Stage 2 | 427.81 | 77.13 | 122.57 | 126.55 | 1.95 | 0.78 | 2.73 |
| NTPC (SR) Talcheru St.II | 463.19 | 36.18 | 90.37 | 49.01 | 2.36 | 0.53 | 3,24 |
| NTPC (SR) Ramagundam St.III | 151.17 | 13.27 | 35.74 | 0.24 | | | |
| NTPC WR & NR Stations | 0 | -0.04 | 0.28 | 0.27 | | | |
| NTPC Kudgi Stage-I (New Thermal | | | | 145.1 | 3.20 | 5.81 | 9.01 |
| Station) | 161.08 | 93.58 | 51.52 | | 2.72 | 1.37 | 4.09 |
| Total NTPC (2) | 2830.95 | 387.08 | | 1156.64 | 3.16 | 1.14 | 4.30 |
| Sub Total 3 (1+2) | 4510.59 | 514.73 | 1425.49 | 1940.22 | 3.10 | | |
| Less : surcharge | 0 | 82.72 | 0 | 82.72 | 2.45 | 0.06 | 4.12 |
| A = CGS TOTAL | 4510.59 | 432.01 | 1425.49 | 1857.50 | 3.16 | 0.96 | 4.15 |
| | | | 90 / | | | | |
| SGS | 13.43 | 2.80 | 3.27 | 6.02 | 2.40 | 2.08 | 4.48 |
| APGPCL ST-I | 35.89 | 2.25 | 8,47 | 10.72 | 2.36 | 0.63 | 2.99 |
| APGPGLST-II | 2459.52 | 477.14 | 769.02 | 1246.16 | 3.13 | 1.94 | 5.07 |
| APPDCL Plant | 2439.32 | 24//14 | 7 | | 1 | | |
| Godavari Gas Power Plant (Now Own Source previously GVK-I) | 225.16 | 9.04 | 52.17 | 61.21 | 2.32 | 0.40 | 2.72 |
| | 2734.00 | 491.23 | 832.88 | 1324.11 | 3.05 | 1.80 | 4.84 |
| Sub-Total SGS | 2754.00 | | | | | | |
| APGenco: | 1767.78 | 246.10 | 590.04 | 836.54 | 3.34 | 1.39 | 4.73 |
| Dr.NTTPS | 982.35 | 102.47 | 309.44 | 411.91 | 3.15 | 1.04 | 4.19 |
| Dr.NTTPS St.IV | 96.51 | 93.97 | 37.25 | 131.22 | 3.86 | 9.74 | 13.60 |
| RTPP-I | 274.00 | 91.54 | 105.76 | 197.30 | 3.86 | 3.34 | 7.20 |
| RTPP-ST II | 77.42 | 67.72 | 29.88 | 97.60 | 3.86 | 8.75 | 12.61 |
| RTPP -ST III | 293.80 | 302.74 | 93.69 | 396.43 | 3.19 | 10.30 | 13.49 |
| RTPP -ST IV | 3491.86 | 904.54 | 1166.06 | 2071.00 | 3.34 | 2.59 | 5.93 |
| Sub-Total AP Genco-Thermal | 1380.42 | 217.83 | 0 | 217.83 | 0.00 | 1.58 | 1.58 |
| Hydel-AP Genco | 1380.42 | 0 | -53.50 | -53.50 | | | |
| AP Genco FCA Claims | 4872.28 | 1122.37 | 1112.56 | 2235.33 | 2.28 | 2.30 | 4.59 |
| AP Genco Total | 7606.28 | 1613.60 | 1945.44 | 3559.44 | 2.56 | 2.12 | 4.68 |
| B = SGS Total | 7606.28 | 1013.00 | 1545.44 | 3333.44 | 2.50 | | |
| IPPs: | | | | | | | |
| Thermal Powertech Corporation India | | 1000 100 | | | | | |
| (Sembcorp) | 587.30 | 101.91 | 214.01 | 315.92 | 3.64 | 1.74 | 5.38 |
| KSK | 340.73 | 56.46 | 93.60 | | | 1.66 | 4.40 |
| C = IPPs Sub Total | 928.03 | 158.37 | 307.61 | 465.98 | 3.31 | 1.71 | 5.02 |
| TOTAL (A+B+C) | 13044.90 | 2203.98 | 3678.54 | 5882.92 | 2.82 | 1.69 | 4.51 |

ANNEXURE-II

| NTPC (SR) Ramagundam St.1&II 7. NTPC (ER)- Farakka, kahalgoan & Talcher. I NTPC (SR) Simadri Stage 1 10 NTPC (SR) Simadri Stage 2 4 NTPC (SR) Talcheru St.II 5 NTPC (SR) Ramagundam St.III 1 | 40972850 | Fixed Cost | mount (Rs.Crs.) Variable Cost | Total Cost | VC Rate/ kwh | FC Rate/ kwh | Avg. Rate/ |
|--|--|--|----------------------------------|-------------------------------|--------------------|--------------------|---------------|
| MTPC (SR) Ramagundam St.1&11 NTPC (ER)- Farakka, kahalgoan & Talcher. 1 NTPC (SR) Simadri Stage 1 NTPC (SR) Simadri Stage 2 MTPC (SR) Talcheru St.II NTPC (SR) Ramagundam St.III NTPC Kudgi Stage 1 (New Thermal Station) | | Fixed Cost | Variable Cost | Total Cost | | | |
| NTPC (SR) Ramagundam St.1&III NTPC (ER)- Farakka, kahalgoan & Talcher.1 NTPC (SR) Simadri Stage 1 NTPC (SR) Simadri Stage 2 A NTPC (SR) Talcheru St.III NTPC (SR) Ramagundam St.III NTPC (SR) Ramagundam 1 NTPC (SR) Stage-1 (New Thermal Station) | 40972850 | | | | | 444 | kwh |
| St.1≪ NTPC (ER)- Farakka, kahalgoan & Talcher. 1 NTPC (SR) Simadri Stage 1 NTPC (SR) Simadri Stage 2 4 NTPC (SR) Talcheru St.II NTPC (SR) Ramagundam St.III NTPC (SR) Ramagundam 1 | 40972850 | | | | 2.66 | 0.70 | 3.45 |
| kahalgoan & Talcher, I NTPC (SR) Simadri Stage 1 10 NTPC (SR) Simadri Stage 2 4 NTPC (SR) Talcheru St.II NTPC (SR) Ramagundam St.III NTPC Kudgi Stage 1 (New Thermal Stution) | | 583830718 | 1972855640 | 2556686358 | 2.66 | 0.79 | 3,45 |
| NTPC (SR) Simadri Stage 2 4 NTPC (SR) Talcheru St.II 5 NTPC (SR) Ramagundam 5.III NTPC Kudgi Stage-I (New Thermal Station) 1 | 0 | 0 | 0 | 0 | - | | |
| NTPC (SR) Talcheru St.II 5 NTPC (SR) Ramagundam 1 NTPC Kudgi Stage-1 (New Thermal Station) 1 | 076376373 | 1280321939 | 3263772087 | 4544094026 | 3.03 | 1.19 | 4.22 |
| NTPC (SR) Ramagundam St.III NTPC Kudgi Stage-I (New Thermal Station) | 77656368 | 861181292 | 1380228602 | 2241409894 | 2.89 | 0.78 | 4.69 2.73 |
| NTPC (SR) Ramagundam St.III NTPC Kudgi Stage-I (New Thermal Station) | 17157124 | 403904453 | 1008984945 | 1412889398 | 1.95 | 0.78 | |
| NTPC Kudgi Stage-I (New Thermal Station) | 68778923 | 148116179 | 399092815 | 547208994 | 2.36 | 0.88= | 3.24 |
| | 179850035 | 1044853821 | 575215722 | 1620069543 | 3.20 | 5.81 | 9.01 |
| NTPC WR & NK Stations | 0 | -459838 | 3082567 | 2622729 | 0.00 | 0.00 | 0.00 |
| NTECL Valiuru Thermal | 122813042 | 463958566 | 367602053 | 831560620 | 2.99 | 3.78 | 6.77 |
| Power | 98616717 | 72580672 | 466935097 | 539515769 | 4.73 | 0.74 | 5.47 |
| ALDO CHARGO | 127316642 | 98093137 | 545883916 | 643977053 | 4.29 | 0.77 | 5.06 |
| Tibe Otage | 22568925 | 0 | 71980561 | 71980561 | 3:19 | 0.00 | 3.19 |
| 141 (141124 0) | 336946571 | 0 . | 1200862195 | 1200862195 | 3.56 | 0.00 | 3.56 |
| NLC Tamilnadu Power Ltd | 305441497 | 658382361 | 1073502810 | 1731885171 | 3.51 | 2.16 | 5.67 |
| Stage.1 NNTPS (New Project from | 64611809 | 132190245 | 155535033 | 287725277 | 2.41 | 2.05 | 4.45 |
| 28.12.19) | 239106875 | 5746953545 | 12485534044 | 18232487589 | 2.95 | 1.36 | 4.30 |
| Octo Dan Territoria | | 1073037664 | | 1073037664 | 1 0 Tel 1 1 1 1 | W. Strong | THE PARTY |
| Less Surcharge Net CGS (Total 4.14 | 239106875 | 4673915881 | 12485534044 | 1 71 5944 9 925 | \$ \$.25 D | 187.42 | i in |
| SGS | | $-\infty A$ | | | - | 2.08 | _ |
| APGPCL -Stage-l | 14994394 | 31210881 | 35977400 | 67188280 | 2.40 | _ | 2.99 |
| APGPCL -Stage -II | 40068338 | 25122276 | 94559712 | 119681988 | 2.36 | 0.63 | 2.93 |
| Sri Damodharam | 1411114573 | 2660836993 | 44308997 6 0 | 7091736753 | 3.14 | 1.89 | 5.03 |
| Sri Damodharam | 1 3 349652 44 | 2660836993 | 419 17 90867 | 68 5262 7860 | 3.14 | 1.99 | 5.13 |
| APPDCL Diff FC and FCA Claims FY20-21 | 0 | 5643950 | -36554848 | -30910898 | 0.00 | 0.00 | 0.00 |
| Godavari Gas Power Plant | 251390682 | 100878130 | 582452542 | 683330672 | 2.32 | 0.40 | 2.7 |
| GVK-1) | THE PARTY OF THE P | F FARAERONAS | 0299125432 | 14783654656 | 3:05 | 1430 | 4.8 |
| TO THE REAL PROPERTY OF THE PARTY OF THE PAR | 305253 3231 | E54845294231 | 3237120-02 | | 14.551.01 | | |
| IPPs | 200400500 | 630434113 | 1045105220 | 1675539333 | 2.75 | 1.66 | 4.4 |
| KSK Thermal Powertech | 380428509 | 1137873408 | 2427768972 | 3565642379 | 3.70 | 1.74 | 5.4 |
| | 655727399 | The state of the s | | | 3,35 | | . a |
| Corporation India | 1036155908 | 1768307521 | E97/287/4192 | 52-1101112 | | A 100 | The same of |
| APGenco | | 1 | | | | 1.39 | 4.7 |
| Dr.NTTPS | 1973742948 | 2747776680 | 6592301446 | 4599056541 | 3.15 | | - |
| Dr.NTTPS St.IV | 1096802559 | 1144128480 | 3454928061 | | _ | _ | _ |
| RTPP-1 | 107756950 | 1049134920 | 415941826 | 1465076746 | | | _ |
| RTPP-ST II | 305921078 | 1022040120 | 1180855362 | | _ | | _ |
| RTPP -ST III | 86436860 | 756066240 | 333646281 | 1089712521 | | | |
| RTPP -ST IV | 328035530 | 3412607403 | 1039137615 | | | | |
| Sub-Total Thermal Power | 3898695926 | 10131753843 | | | | | |
| Sub-Total Hydel Power | 1541253193 | 2432102040 | 0 | 2432102040 | | _ | _ |
| Sub-Total Hydel Power | 1541253193 | 2432102040 | 0 | 243210204 | 0.00 | 1.5 | , L. |
| | | | | | | 0.0 | 0 0. |
| AP Genco FCA Claims | 200 | | -597310060 | -597310060 | 0.0 | 0.0 | |
| APGENCO Sub Total | 5439949118 | 1256385588 | 124195005 | 1 12498335641 | 4章 [章2.2 | 02 20 | |
| 77 335 | | A 100 MARCH 1 100 LOTE | | | | | |
| TOTAL | 13767745133 | 2449060850 | 8: 3767703419 | 8 16216764270 | 16 1 12.7 | 4.# #1:7 | 04 94. |

ANNEXURE-III

| | APCPDCL POOLED COST for the FY 2020-21 to be considered for FY 2021-22 | | | | | | | | |
|---|--|----------------------------------|----------------------------|--|---------------|-------|-------|--|--|
| Station | Energy (MU) | | Amount (Rs.Crs.) | | Rate/ | Rate/ | Rate, | | |
| Station | Energy (MO) | Fixed Cost | Variable Cost | Total Cost | kwh | kwh | kwh | | |
| <u> </u> | | | | | | | | | |
| NTPC (SR) Ramagundam St.1&I! | 427653470 | 336958679 | 1138636267 | 1475594946 | 2.66 | 0.79 | 3.45 | | |
| NTPC (ER)- Farakka, kahalgoan & Talcher.1 | 0 | 0 | 0 | 0 | | | | | |
| NTPC (SR) Simadri Stage 1 | 621232061 | 738939517 | 1883690418 | 2622629935 | 3.03 | 1.19 | 4.22 | | |
| NTPC (SR) Simadri Stage 2 | 275680010 | 497031933 | 812095401 | 1309127334 | 2.95 | 1.80 | 4.75 | | |
| NTPC (SR) Talcheru St.II | 298477925 | 233113995 | 582337008 | 815451003 | 1.95 | 0.78 | 2.73 | | |
| NTPC (SR) Ramagundam St.III | 97410981 | 85485451 | 230336951 | 315822402 | 2.36 | 0.88 | 3.24 | | |
| NTPC Kudgi Stage-I (New Thermal Station) | 103800688 | 603038778 | 331986522 | 935025300 | 3.20 | 5.81 | 9.01 | | |
| NTPC WR & NR Stations | 0 | -265396 | 1779108 | 1513711 | 0.00 | 0.00 | 0.00 | | |
| NTECL Vallura Thermal Power | 70881711 | 267774306 | 212162016 | 479936322 | 2 .9 9 | 3.78 | 6.77 | | |
| NLC -Stage - I | 56916770 | 41890031 | 270703679 | 312593711 | 4.75 | 0.74 | 5.49 | | |
| NLC -Stage - II | 73480970 | 56614585 | 316269096 | 372883681 | 4.30 | 0.77 | 3.19 | | |
| NPC (MAPS) | 13025685 | 0 | 41543677 | 41543677 | 3.19 | 0.00 | 3.19 | | |
| NPC (Kaiga Unit-L,II & III) | 194469163 | 0 | 692951155 | 692951155 | 3.50 | | 1 | | |
| NLC Tamilnadu Power Ltd Stage.1 | 176285968 | 379986259 | 625255507 | 1005241766 | 3.55 | 2.16 | 5.70 | | |
| NNTPS (New Project from 28.12.19) | 37290792 | 76293776 | 89583569 | 165877345 | 2.40 | 2.05 | 4.45 | | |
| CGS Sub Total | 2446606193 | 33168619 1 3 561669714 | 7229330374 | 105461922 8 6 561669 71 4 | 2.95 | 1.36 | 4.3 | | |
| Less Surcharge | ********** | | 7229330374 | 9984522572 | 2.95 | 1.13 | 4.08 | | |
| Net CGS Total | 24 466 06 193 | 2755192199 | 7229330374 | . 2204022012 | 2.50 | 1110 | | | |
| scs | 8654034 | 18013401 | 20764404 | 3 87 77806 | 2.40 | 2.08 | 4.48 | | |
| APGPCL -Stage-I | 23125495 | 14499355 | 54575264 | 69074619 | 2.36 | 0.63 | 2.9 | | |
| APGPCL Stage -II Sri Damodharam Sanjeevayya Power Station (Unit-I) APPDCL | 814426660 | 1535705623 | 2557299713 | 4093 0 05 3 36 | 3.14 | 1.89 | 5.0 | | |
| Sri Damodharam Sanjeevayya Power Station (Unit-II) APPDCL | 770476973 | 1535705623 | 2419297696 | 3955003320 | 3.14 | 1.99 | 5.1 | | |
| APPDCL Diff FC and FCA Claims FY20-21 | 0 | 3257413 | -21097680 | -17840266 | 0.00 | 0.00 | 0.0 | | |
| Godavari Gas Power Plant Now Own Source previously | 145090468 | 58221948 | 3 36 16 3262 | 394385210 | 2.32 | 0.40 | 2.7 | | |
| GVK-I) SGS Sub Total | 1761773630 | 3165403365 | 5367002660 | 8532406025 | .3.05 | 1.80 | 4.8 | | |
| IPPs | | | | | | | | | |
| KSK | 219564822 | 363855890 | 603183873 | 967039763 | 2.75 | | 4.4 | | |
| Thermal Powertech Corporation India | 378453944 | 656725157 | 1441073241 | 2097798398 | 3.81 | 1.74 | 5.5 | | |
| IPP Sub Total | 598018766 | 1020581047 | 2044257115 | 3064838162 | 3.42 | 1.71 | 5.1 | | |
| APGenco | 9//3 | | 0004775502 | 5390638563 | 3,34 | 1.39 | 4.7 | | |
| Dr.NTTPS | 1139148378 | 1585882980 | 3804755583 1994016344 | 2654351624 | 3.15 | | 4.1 | | |
| Dr.NTTPS St.IV | 633021062 | 660335280 | 240061380 | 845571000 | 3.86 | | 13. | | |
| RTPP-I | 62192067 176562759 | 605509620 589871820 | 681532249 | 1271404069 | 3.86 | _ | 7.5 | | |
| RTPP-ST II | 49887149 | 436364640 | 192564397 | 628929037 | 3.86 | | 12. | | |
| RTPP -ST III | 189326144 | 1969590919 | 599739663 | 2569330582 | 3.17 | | 13. | | |
| RTPP -ST IV Sub-Total Thermal Power | 2250137559 | 5847555259 | 7512669615 | 13360224874 | 3.34 | | | | |
| | 889536338 | 1403690940 | 0 | 1403690940 | 0.00 | 1.58 | 1.5 | | |
| Out Watel Hadal Davis | | 1403690940 | 0 | 1403690940 | 0.00 | 1.58 | 1. | | |
| Sub-Total Hydel Power Sub-Total Hydel Power | 889536338 | | | | | | | | |
| Sub-Total Hydel Power | | | 244720000 | 244720000 | 0.00 | 0.00 | 0. | | |
| | 0 3139673898 | 0 7251246199 | -344738299 7167931316 | -344738299 14419177515 | 0.00 | | - | | |

ANNEXURE - IV

Pooled Cost of Power Purchase for FY 2020-21 (To be considered for FY 2021-22)

| Station | Total Energy Purchased (MU) | Total Fixed Cost | Total Variable Cost | Other Cost | Total Cost | Avg Rate/kW h Total | | | |
|----------------------------|--------------------------------------|---------------------|---------------------------|---------------|------------------|---------------------------|--|--|--|
| APGENCO (Thermal) | | | | | | | | | |
| Dr. NTTPS | 4,880.67 | 679.47 | 1630.15 | 0 | 2,309.6 2 | 4.73 | | | |
| Dr. NTTPS-IV | 2712.17 | 282.91 | 854.33 | 0 | 1,137.24 | 4.19 | | | |
| RTPP Stage-I | 266.46 | 259.43 | 102.85 | 0 | 362.28 | 13.60 | | | |
| RTPP Stage-II | 756.48 | 252.73 | 292 | 0 | 544.73 | 7.20 | | | |
| RTPP Stage-III | 213. 75 | 186.97 | 82.5 | 0 | 269.4 7 | 12.61 | | | |
| RTPP Stage-IV | 811.17 | 840.96 | 257.57 | 0 | 1,098.5 3 | 13.54 | | | |
| APPDCL Stage-I | 6,790.50 | 1315.94 | 2132.22 | 0 | 3,448.16 | 5.08 | | | |
| Total APGENCO (Thermal) | 16,431.20 | 3818.41 | 5351.63 | 0 | 9,170.04 | 5.58 | | | |
| APGENCO Hydel | | | | | | | | | |
| Srisailam RCPH | 1104.48 | 2 19.76 | 0 | 0 | 219.76 | 1.99 | | | |
| NSRCPH | 153.86 | 25.19 | 0 | 0 | 25.19 | 1.64 | | | |
| NSTPDC PH | 0.44 | 8.58 | 0 | 0 | 8.58 | 195.00 | | | |
| Upper Sileru Power House | 592.61 | 105.07 | 0 | 0 | 105.07 | 1.77 | | | |
| Lower Sileru Power House | 508.66 | 67.65 | 0 | 0 | 67.65 | 1.33 | | | |
| Donkarayi Power House | 844.96 | 94.75 | 0 | 0 | 94.75 | 1.12 | | | |
| Machkund AP Share | 263.3 | 26.84 | हारा, ० | 0 | 26.84 | 1.02 | | | |
| TB Dam AP Share | 113.28 | 18.4 | 0 | 0 | 18.40 | 1.62 | | | |
| Total APGENCO Hydel | 3581.59 | 566.24 | 0 | 0 | 566.24 | 1.58 | | | |
| CGS | | | | | | | | | |
| NTPC(SR) Ramagundam I & II | 1832.27 | 144.37 | 487.85 | 0 | 632.22 | 3.45 | | | |
| NTPC(SR) Simhadri Stage-I | 2661.66 | 316.59 | 807.13 | 0 | 1,123.72 | 4.22 | | | |
| NTPC(SR) Simhadri Stage-II | 1181.15 | 212.95 | 341.8 | 0 | 554.75 | 4.70 | | | |
| NTPC(SR) Talcher Stage-II | 1278.83 | 99.88 | 249.5 | 0 | 349.38 | 2.73 | | | |
| NTPC(SR) Ramagundam III | 417.36 | 36.63 | 98.68 | 0 | 135.31 | 3.24 | | | |
| NTPC Kudgi Stage-I | 444.73 | 258.37 | 142.24 | 0 | 400.61 | 9.01 | | | |

| NTECL Vallur | 303.69 | 114.73 | 90.9 | 0 | 205.63 | 6.77 |
|-----------------------------|------------------|----------------|----------------|-------|------------------|------|
| NLC Stage-I | 243.87 | 17.95 | 114.31 | 0 | 132.26 | 5.42 |
| NLC Stage-II | 314.83 | 24.26 | 133.84 | 0 | 158.10 | 5.02 |
| NPC(MAPS) | 57.81 | 0 | 17.8 | 0 | 17.80 | 3.08 |
| NPC(KAIGA unit I,II,III,IV) | 833.21 | 0 | 297.01 | 0 | 297.01 | 3.56 |
| NTPL(NLC TamilNadu) | 755.3 | 162.81 | 264.46 | 0 | 427.27 | 5.66 |
| NLC NNTPS | 159.77 | 32.69 | 91.97 | 0 | 155.03 | 9.70 |
| JNNSM Ph-1 Thermal | 134.27 | 0 | 68.76 | 0 | 76.39 | 5.69 |
| JNNSM Ph-2 Thermal | 1376.58 | AUI & | 591.16 | 0 | 591.16 | 4.29 |
| Total CGS | 11995.33 | 1421.23 | 3734.88 | 0 | 5,156.1 1 | 4.30 |
| APGPCL | | | | 0 | | |
| APGPCL I | 37.07 | 7.72 | 7.38 | 3.6 | 18.7 | 5.04 |
| APGPCL II | 99.09 | 6.21 | 19.86 | 9.46 | 35.53 | 3.59 |
| Total APGPCL | 136.16 | 13.93 | 27.24 | 13.06 | 54.23 | 3.98 |
| IPPs - Gas | | ₹ ; | 7 | XI | S | |
| Godavari Gas Power Plant | 621.64 | 24 .95 | 144.04 | 0 | 168.99 | 2.72 |
| Total IPPs - Gas | 621.64 | 24 .95 | 144.04 | 0 | 168.99 | 2.72 |
| IPPs - Others | | | | | | |
| KSK Mahanadi (MT) | 940.72 | 15 5.89 | 2 58.43 | 0 | 414.3 2 | 4.40 |
| Thermal Power Tech | 16 2 1.48 | 281 .37 | 508.8 | 0 | 790.1 7 | 4.87 |
| HNPCL | 1064.18 | 0 | 406.52 | 0 | 406.52 | 3.82 |
| Total IPPs Others | 3626.38 | 437.26 | 1173.75 | 0 | 1611.01 | 4.44 |
| Total | 36,392.30 | 6282.02 | 10431.54 | 13.06 | 16,726.62 | 4.60 |
| | THE | | a | | | |

Sd/-Thakur Rama Singh Member

Sd/-Justice C.V. Nagarjuna Reddy Chairman

Sd/-P. Rajagopal Reddy Member