

Annexure- I(i)

| ESCOMs TOTAL APPROVED POWER PURCHASE FOR FY20 | | | | | | |
|--|-------------------------|------------------|------------------|--------------------------|------------------|--------------------------|
| Name Of the Generating Station | Energy considered (MU) | Capacity Charges | Variable Charges | | Total Cost | |
| | | Amount in Crores | Amount in Crores | Average Cost/Unit in Rs. | Amount in Crores | Average Cost/Unit in Rs. |
| Raichur Thermal POWER STATION_RTPS 1-7 (7x210) | 7970.60 | 789.04 | 3012.89 | 3.78 | 3801.92 | 4.77 |
| Raichur Thermal Power Station_Rtps 8 (1x250) | 1426.96 | 227.12 | 510.85 | 3.58 | 737.97 | 5.17 |
| Bellary Thermal Power Stations_Btps-1 (1x500) | 1430.00 | 290.18 | 550.55 | 3.85 | 840.73 | 5.88 |
| Bellary Thermal Power Stations_Btps-2 (1x500) | 1300.00 | 459.09 | 486.20 | 3.74 | 945.29 | 7.27 |
| Bellary Thermal Power Stations_BTPS-3 (1x700) | 1400.00 | 613.22 | 481.60 | 3.44 | 1094.82 | 7.82 |
| YTPS | 1571.63 | 736.36 | 488.78 | 3.11 | 1225.14 | 7.80 |
| Total Kpcl Thermal | 15099.19 | 3115.02 | 5530.87 | 3.66 | 8645.88 | 5.73 |
| Cgs Sources | - | - | - | - | - | - |
| N.T.P.C-Rstp-I&II (3x200mw+3x500mw) | 2600.00 | 185.29 | 642.20 | 2.47 | 827.49 | 3.18 |
| N.T.P.C-RSTP-III (1X500MW) | 779.00 | 48.90 | 188.67 | 2.42 | 237.57 | 3.05 |
| NTPC-Talcher (4X500MW) | 2330.99 | 170.11 | 387.41 | 1.66 | 557.52 | 2.39 |
| Simhadri Unit -1 &2 (2X500MW) | 1011.00 | 158.85 | 287.33 | 2.84 | 446.18 | 4.41 |
| NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I &2 &3 (3X500MW) | 738.00 | 160.86 | 229.37 | 3.11 | 390.23 | 5.29 |
| Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW) | 819.24 | 60.35 | 211.53 | 2.58 | 271.88 | 3.32 |
| Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW) | 1073.24 | 81.69 | 277.11 | 2.58 | 358.80 | 3.34 |
| Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW) | 696.00 | 73.65 | 168.43 | 2.42 | 242.08 | 3.48 |
| Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW) | 582.00 | 140.79 | 140.84 | 2.42 | 281.63 | 4.84 |
| Nlc Taminadu Power Limited (Ntpl) (TUTICORIN) (2X500MW) | 1133.26 | 187.80 | 271.19 | 2.39 | 458.99 | 4.05 |
| MAPS (2X220MW) | 201.66 | 0.00 | 45.37 | 2.25 | 45.37 | 2.25 |
| Kaiga Unit 1&2 (2X220MW) | 857.00 | 0.00 | 321.38 | 3.75 | 321.38 | 3.75 |

Annexure- I(i)

| ESCOMs TOTAL APPROVED POWER PURCHASE FOR FY20 | | | | | | |
|---|-------------------------|------------------|------------------|--------------------------|------------------|--------------------------|
| Name Of the Generating Station | Energy considered (MU) | Capacity Charges | Variable Charges | | Total Cost | |
| | | Amount in Crores | Amount in Crores | Average Cost/Unit in Rs. | Amount in Crores | Average Cost/Unit in Rs. |
| Kaiga Unit 3 &4 (2X200MW) | 900.00 | 0.00 | 337.50 | 3.75 | 337.50 | 3.75 |
| NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U1 (1X1000MW) | 947.42 | 0.00 | 397.92 | 4.20 | 397.92 | 4.20 |
| NPCIL-Kudankulam Atomic Power Generating Station (KKNPP) U2(1X1000MW) | 1251.40 | 0.00 | 525.59 | 4.20 | 525.59 | 4.20 |
| DVC-Unit-1 &2 Meja TPS (2x500MW) | 1187.08 | 214.45 | 284.90 | 2.40 | 499.35 | 4.21 |
| DVC-Unit-7 & 8-Koderma TPS (2x500MW) | 1446.42 | 311.90 | 282.05 | 1.95 | 593.95 | 4.11 |
| Kudgi | 3014.00 | 771.00 | 910.23 | 3.02 | 1681.23 | 5.58 |
| TOTAL CGS Energy @ KPTCL periphery | 21567.71 | 2565.63 | 5909.02 | | 8474.65 | 3.93 |
| TOTAL MAJOR IPPS | | | | | | |
| Udupi Power Corporation Limited_Upcl (2x600) | 4352.26 | 1141.00 | 1540.70 | 3.54 | 2681.70 | 6.16 |
| KPCL HYDEL STATIONS | | | | | | |
| Sharavathi Valley Project_SVP (10x103.5+2x27.5) | 4157.08 | - | 212.01 | 0.51 | 212.01 | 0.51 |
| Mahatma Gandhi Hydro Electric Power House_MGHE (4x21.6+4x13.2) | 211.35 | - | 30.86 | 1.46 | 30.86 | 1.46 |
| Gerusoppa_Gph (SHARAVATHI TAIL RACE_STR) (4x60) | 513.09 | - | 93.90 | 1.83 | 93.90 | 1.83 |
| Kali Valley Project_KVP (2x50+5x150+1x135) | 2868.26 | - | 226.59 | 0.79 | 226.59 | 0.79 |
| Varahi Valley Project_VVP (4x115+2x4.5) | 1079.22 | - | 107.92 | 1.00 | 107.92 | 1.00 |
| Almatti Dam Power House_ADPH (1x15+5x55) | 442.40 | - | 82.29 | 1.86 | 82.29 | 1.86 |
| Bhadra Hydro Electric Power House_BHEP ((1x2+2x12)+(1x7.2+1x6)) | 48.00 | - | 25.20 | 5.25 | 25.20 | 5.25 |
| Kadra Power House_KPH (3x50) | 365.42 | - | 88.43 | 2.42 | 88.43 | 2.42 |
| Kodasalli Dam Power House_KDPH (3x40) | 348.39 | - | 57.14 | 1.64 | 57.14 | 1.64 |
| Ghataprabha Dam Power House_GDPH (2x16) | 72.35 | - | 19.90 | 2.75 | 19.90 | 2.75 |

| ESCOMs TOTAL APPROVED POWER PURCHASE FOR FY20 | | | | | | |
|--|-------------------------|------------------|------------------|--------------------------|------------------|--------------------------|
| Name Of the Generating Station | Energy considered (MU) | Capacity Charges | Variable Charges | | Total Cost | |
| | | Amount in Crores | Amount in Crores | Average Cost/Unit in Rs. | Amount in Crores | Average Cost/Unit in Rs. |
| Shivasamudram (4x4+6x3) & Shimshapura (2x8.6) Hydro Stations. | 242.74 | - | 31.80 | 1.31 | 31.80 | 1.31 |
| MUNIRABAD POWER HOUSE (2x9+1x10) | 91.44 | - | 9.78 | 1.07 | 9.78 | 1.07 |
| Total KPCL Hydro | 10439.74 | - | 985.81 | | 985.81 | 0.94 |
| OTHER HYDRO | | | | | | |
| PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39) | 90.71 | - | 58.69 | 6.47 | 58.69 | 6.47 |
| TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9) | 17.93 | - | 1.61 | 0.90 | 1.61 | 0.90 |
| TOTAL OTHER HYDRO | 108.64 | - | 60.30 | | 60.30 | 5.55 |
| NON-CONVENTIONAL ENERGY SOURCES | - | - | - | - | - | - |
| WIND-IPPS | 6603.22 | - | 2350.75 | 3.56 | 2350.75 | 3.56 |
| KPCL-WIND (9x0.225+10x0.230) | 6.92 | - | 2.48 | 3.58 | 2.48 | 3.58 |
| MINI HYDEL-IPPS | 944.34 | - | 299.36 | 3.17 | 299.36 | 3.17 |
| CO-GEN | 461.74 | - | 238.26 | 5.16 | 238.26 | 5.16 |
| CAPPTIVE | 0.79 | - | 0.24 | 3.08 | 0.24 | 3.08 |
| BIOMASS | 88.03 | - | 46.22 | 5.25 | 46.22 | 5.25 |
| Solar Exisitng | | - | | | | |
| SOLAR-existing | 3453.65 | - | 1889.15 | 5.47 | 1889.15 | 5.47 |
| Solar SECI | 1547.89 | - | 696.55 | 4.50 | 696.55 | 4.50 |
| NTPC solar Bundle power NSM(Pavagada) | 1000.00 | - | 475.00 | 4.75 | 475.00 | 4.75 |
| Solar New Projects | | - | | | | |
| Solar-New Park Pavagada | 1330.00 | - | 384.37 | 2.89 | 384.37 | 2.89 |
| Solar-KREDL(New and others) | 0.00 | - | 0.00 | 3.15 | 0.00 | 3.15 |
| SOLAR-KPCL (YELESANDRA,ITNAL,YAPALDINNI,SHIMSHA) (3x1+3x1+1x3x1x5) | 8.89 | - | 3.18 | 3.58 | 3.18 | 3.58 |

Annexure- I(i)

| ESCOMs TOTAL APPROVED POWER PURCHASE FOR FY20 | | | | | | |
|---|-------------------------|------------------|------------------|--------------------------|------------------|--------------------------|
| Name Of the Generating Station | Energy considered (MU) | Capacity Charges | Variable Charges | | Total Cost | |
| | | Amount in Crores | Amount in Crores | Average Cost/Unit in Rs. | Amount in Crores | Average Cost/Unit in Rs. |
| TOTAL Non-Conventional Energy (NCE) | 15445.47 | - | 6385.55 | | 6385.55 | 4.13 |
| NTPC Bundled power solar Old | 120.50 | - | 126.89 | 10.53 | 126.89 | 10.53 |
| NTPC Bundled power coal Old | 504.28 | - | 203.73 | 4.04 | 203.73 | 4.04 |
| NTPC Bundled power coal new(Pavagada) | 2021.81 | - | 598.46 | 2.96 | 598.46 | 2.96 |
| Power purchase from Co gen | 1245.96 | - | 584.36 | 4.69 | 584.36 | 4.69 |
| TRANSMISSION CHARGES: | | | | | | |
| PGCIL CHARGES | - | 1820.67 | - | - | 1820.666 | - |
| KPTCL CHARGES | - | 3506.24 | - | - | 3506.24 | - |
| SLDC | - | 18.41 | - | - | 18.41 | - |
| POSOCO CHARGES | - | 2.81 | - | - | 2.81 | - |
| TOTAL INCLUDING TRANSMISSION & LDC CHARGES | 70905.56 | 12169.78 | 21925.67 | 3.0922 | 34095.44 | 4.80857 |