

Annexure-2(iii)

| BESCOMs APPROVED POWER PURCHASE FOR FY22 | | | | | | | |
|------------------------------------------------------------------------------|--------------------------|-------------------------|------------------|------------------|---------------------------|------------------|---------------------------|
| NAME OF THE GENERATING STATION | %share of energy allowed | 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) | 63.25 | 5249.58 | 523.34 | 2099.83 | 4.00 | 2623.17 | 5.00 |
| RAICHUR THERMAL POWER STATION_RTPS 8 (1x250) | 60.00 | 963.00 | 139.60 | 374.63 | 3.89 | 514.22 | 5.34 |
| BELLARY THERMAL POWER STATIONS_BTPTS-1 (1x500) | 60.00 | 1110.00 | 201.70 | 455.10 | 4.10 | 656.80 | 5.92 |
| BELLARY THERMAL POWER STATIONS_BTPTS-2 (1x500) | 60.00 | 1110.00 | 324.00 | 451.11 | 4.06 | 775.11 | 6.98 |
| BELLARY THERMAL POWER STATIONS_BTPTS-3 (1x700) | 60.00 | 912.04 | 604.58 | 340.93 | 3.74 | 945.51 | 10.37 |
| YTPS | 60.00 | 1189.22 | 916.69 | 401.90 | 3.38 | 1318.59 | 11.09 |
| Yelahanka Combined cycle gas power plant | - | - | - | - | - | - | - |
| TOTAL KPCL THERMAL | | 10533.85 | 2709.90 | 4123.50 | | 6833.40 | 6.49 |
| CGS SOURCES : | | | | | | | |
| N.T.P.C-RSTP-I&II (3X200MW+3X500MW) | 51.44 | 1441.75 | 101.11 | 386.97 | 2.68 | 488.08 | 3.39 |
| N.T.P.C-RSTP-III (1X500MW) | 51.44 | 400.69 | 26.68 | 105.46 | 2.63 | 132.14 | 3.30 |
| NTPC-Talcher (4X500MW) | 51.44 | 1291.51 | 92.83 | 233.25 | 1.81 | 326.08 | 2.52 |
| Simhadri Unit -1 &2 (2X500MW) | 51.44 | 564.62 | 86.68 | 174.37 | 3.09 | 261.05 | 4.62 |
| NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I &2 &3 (3X500MW) | 51.44 | 412.15 | 87.78 | 139.20 | 3.38 | 226.98 | 5.51 |
| Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW) | 51.44 | 452.38 | 32.93 | 126.93 | 2.81 | 159.86 | 3.53 |
| Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW) | 51.44 | 594.23 | 44.58 | 166.73 | 2.81 | 211.30 | 3.56 |
| Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW) | 51.44 | 311.54 | 40.19 | 81.93 | 2.63 | 122.12 | 3.92 |
| Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW) | 51.44 | 360.05 | 76.83 | 94.68 | 2.63 | 171.51 | 4.76 |
| NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW) | 51.44 | 658.62 | 102.48 | 171.26 | 2.60 | 273.74 | 4.16 |
| MAPS (2X220MW) | 51.44 | 52.98 | 0.00 | 12.95 | 2.44 | 12.95 | 2.44 |
| Kaiga Unit 1&2 (2X220MW) | 51.44 | 411.49 | 0.00 | 167.68 | 4.07 | 167.68 | 4.07 |

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| Kaiga Unit 3 & 4 (2X200MW) | 51.44 | 475.79 | 0.00 | 193.88 | 4.07 | 193.88 | 4.07 |
| NPCIL-KudanKulam Atomic Power Generating Station (KKNPP U1 (1X1000MW) | 51.44 | 683.42 | 0.00 | 311.91 | 4.56 | 311.91 | 4.56 |
| NPCIL-KudanKulam Atomic Power Generating Station (KKNPP) U2(1X1000MW) | 51.44 | 750.31 | 0.00 | 342.44 | 4.56 | 342.44 | 4.56 |
| DVC-Unit-1 & 2 Meja TPS (2x500MW) | 51.44 | 662.96 | 117.02 | 172.90 | 2.61 | 289.92 | 4.37 |
| DVC-Unit-7 & 8-KODERMA TPS (2x500MW) | 51.44 | 807.79 | 170.20 | 171.17 | 2.12 | 341.37 | 4.23 |
| Kudgi | 51.44 | 2238.34 | 420.73 | 734.55 | 3.28 | 1155.28 | 5.16 |
| New NLC thermal Project | 51.44 | - | - | - | - | - | - |
| TOTAL CGS Energy @ KPTCL periphery | 51.44 | 12570.63 | 1400.04 | 3788.24 | 0.00 | 5188.28 | 4.13 |
| TOTAL MAJOR IPPS | 51.44 | - | - | - | - | - | - |
| UDUPI POWER CORPORATION LIMITED_UPCL (2x600) | 51.44 | 2468.95 | 622.63 | 969.85 | 3.93 | 1592.48 | 6.45 |
| KPCL HYDEL STATIONS: | | | | | | | |
| SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5) | 24.00 | 1056.00 | - | 59.66 | 0.56 | 59.66 | 0.56 |
| MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2) | 24.00 | 50.35 | - | 8.14 | 1.62 | 8.14 | 1.62 |
| GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60) | 24.00 | 123.27 | - | 24.99 | 2.03 | 24.99 | 2.03 |
| KALI VALLEY PROJECT_KVP (2x50+5x150+1x135) | 24.00 | 736.88 | - | 64.49 | 0.88 | 64.49 | 0.88 |
| VARAHI VALLEY PROJECT_VVP (4x115+2x4.5) | 24.00 | 245.37 | - | 27.18 | 1.11 | 27.18 | 1.11 |
| ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55) | 24.00 | 105.62 | - | 21.76 | 2.06 | 21.76 | 2.06 |
| BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6)) | 24.00 | 10.78 | - | 6.27 | 5.82 | 6.27 | 5.82 |
| KADRA POWER HOUSE_KPH (3x50) | 24.00 | 86.41 | - | 23.16 | 2.68 | 23.16 | 2.68 |

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| KODASALLI DAM POWER HOUSE_KDPH (3x40) | 24.00 | 85.76 | - | 15.58 | 1.82 | 15.58 | 1.82 |
| GHATAPRABHA DAM POWER HOUSE_GDPH (2x16) | 24.00 | 16.86 | - | 5.14 | 3.05 | 5.14 | 3.05 |
| SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS. | 24.00 | 60.59 | - | 8.79 | 1.45 | 8.79 | 1.45 |
| MUNIRABAD POWER HOUSE (2x9+1x10) | 24.00 | 21.62 | - | 2.56 | 1.19 | 2.56 | 1.19 |
| TOTAL KPCL HYDRO | 24.00 | 2599.52 | - | 267.73 | | 267.73 | 1.03 |
| OTHER HYDRO | - | - | - | - | - | - | - |
| PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39) | 51.44 | 50.66 | - | 36.31 | 7.17 | 36.31 | 7.17 |
| TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9) | 51.44 | 10.01 | - | 1.00 | 1.00 | 1.00 | 1.00 |
| TOTAL OTHER HYDRO | - | 60.67 | - | 37.31 | | 37.31 | 8.16 |
| NON-CONVENTIONAL ENERGY SOURCES (NCE) | | | | | | | |
| WIND-IPPS | - | 2693.76 | - | 958.98 | 3.56 | 958.98 | 3.56 |
| KPCL-WIND (9x0.225+10x0.230) | - | 11.17 | - | 4.00 | 3.58 | 4.00 | 3.58 |
| MINI HYDEL-IPPS | - | 342.53 | - | 108.58 | 3.17 | 108.58 | 3.17 |
| CO-GEN | - | 0.00 | - | 0.00 | 5.16 | 0.00 | 5.16 |
| CAPPTIVE | - | 0.00 | - | 0.00 | 3.08 | 0.00 | 3.08 |
| BIOMASS | - | 63.87 | - | 33.53 | 5.25 | 33.53 | 5.25 |
| Solar Existing | - | | - | 0.00 | 0.00 | 0.00 | 0.00 |
| SOLAR-existing | - | 1646.09 | - | 900.41 | 5.47 | 900.41 | 5.47 |
| Solar SECI | -- | 798.91 | - | 359.51 | 4.50 | 359.51 | 4.50 |
| NTPC solar Bundle power NSM(Pavagada) | - | 579.59 | - | 275.31 | 4.75 | 275.31 | 4.75 |
| Solar New Projects | - | | - | 0.00 | 0.00 | 0.00 | 0.00 |
| Solar-New Park Pavagada | - | 1292.28 | - | 373.47 | 2.89 | 373.47 | 2.89 |
| Solar-KREDL(New and others) | - | | - | 0.00 | 3.15 | 0.00 | 3.15 |
| | - | | - | 0.00 | 0.00 | 0.00 | 0.00 |
| SOLAR-KPCL (YELESANDRA,ITNAL,YAPALDINI,SHIMSHA) (3x1+3x1+1x3x1x5) | - | 3.89 | - | 1.39 | 3.58 | 1.39 | 3.58 |
| TOTAL NCE | - | 7432.09 | - | 3015.18 | | 3015.18 | 4.06 |

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| NTPC Bundled power solar Old | - | 56.21 | - | 59.19 | 10.53 | 59.19 | 10.53 |
| NTPC Bundled power coal Old | | 235.21 | - | 95.02 | 4.04 | 95.02 | 4.04 |
| NTPC Bundled power coal new(Pavagada) | - | 937.14 | - | 277.39 | 2.96 | 277.39 | 2.96 |
| Power purchase from Co gen | - | - | - | - | - | - | - |
| TRANSMISSION CHARGES: | | | | | | | |
| PGCIL CHARGES | - | - | 1086.18 | - | - | 1086.18 | - |
| KPTCL CHARGES | - | - | 1944.25 | - | - | 1944.25 | - |
| SLDC | - | - | 14.57 | - | - | 14.57 | - |
| POSOCO CHARGES | - | - | 1.41 | - | - | 1.41 | - |
| TOTAL INCLUDING TRANSMISSION & LDC CHARGES | | 36894.2672 | 7778.98 | 12633.41 | 3.4242 | 20412.39 | 5.533 |