

## Annexure-1(ii)

ESCOMs TOTAL APPROVED POWER PURCHASE FOR FY21						
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)	8209.72	783.48	3136.11	3.82	3919.59	4.77
RAICHUR THERMAL POWER STATION RTPS 8 (1x250)	1469.77	232.66	532.06	3.62	764.72	5.20
BELLARY THERMAL POWER STATIONS BTPS-1 (1x500)	1472.90	300.14	589.16	4.00	889.30	6.04
BELLARY THERMAL POWER STATIONS BTPS-2 (1x500)	1339.00	482.00	515.52	3.85	997.52	7.45
BELLARY THERMAL POWER STATIONS BTPS-3 (1x700)	1442.00	1007.64	523.33	3.63	1530.97	10.62
YTPS	1618.78	1618.74	531.13	3.28	2149.87	13.28
TOTAL KPCL THERMAL	15552.17	4424.66	5827.30	3.85	10251.96	5.89
CGS SOURCES						
N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	2678.00	190.85	697.85	2.61	888.70	3.32
N.T.P.C-RSTP-III (1X500MW)	802.37	50.37	205.02	2.56	255.39	3.18
NTPC-Talcher (4X500MW)	2400.92	175.21	420.98	1.75	596.19	2.48
Simhadri Unit -1 &2 (2X500MW)	1041.33	163.62	312.22	3.00	475.84	4.57
NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I &2 &3 (3X500MW)	760.14	165.68	249.25	3.28	414.93	5.46
Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	843.82	62.16	229.86	2.72	292.02	3.46
Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	1105.44	84.14	301.12	2.72	385.26	3.49
Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	716.88	75.86	183.03	2.55	258.89	3.61
Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	599.46	145.01	153.05	2.55	298.06	4.97
NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	1167.26	193.43	294.69	2.52	488.12	4.18
MAPS (2X220MW)	207.71	-	49.31	2.37	49.31	2.37
Kaiga Unit 1&2 (2X220MW)	882.71	-	349.22	3.96	349.22	3.96
Kaiga Unit 3 &4 (2X200MW)	927.00	-	366.74	3.96	366.74	3.96

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NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U1 (1X1000MW)	975.84	-	432.40	4.43	432.40	4.43
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	1288.94	-	571.13	4.43	571.13	4.43
DVC-Unit-1 &2 Meja TPS (2x500MW)	1222.69	220.88	309.59	2.53	530.47	4.34
DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	1489.81	321.26	306.49	2.06	627.75	4.21
Kudgi	3104.42	794.13	989.10	3.19	1783.23	5.74
TOTAL CGS Energy @ KPTCIL periphery	22214.74	2642.60	6421.03	0.00	9063.64	4.08
TOTAL MAJOR IPPS	0.00	0.00	0.00	0.00	0.00	
UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	4648.00	1175.23	1735.89	3.73	2911.12	6.26
KPCL HYDEL STATIONS						
SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	4537.53	-	242.98	0.54	242.98	0.54
MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	217.69	-	33.37	1.53	33.37	1.53
GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	528.48	-	101.55	1.92	101.55	1.92
KALI VALLEY PROJECT_KVP (2x50+5x150+1x135)	2954.31	-	245.06	0.83	245.06	0.83
VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	1111.60	-	116.72	1.05	116.72	1.05
ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	455.67	-	88.99	1.95	88.99	1.95
BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	49.44	-	27.25	5.51	27.25	5.51
KADRA POWER HOUSE_KPH (3x50)	376.38	-	95.64	2.54	95.64	2.54
KODASALLI DAM POWER HOUSE_KDPH (3x40)	358.84	-	61.79	1.72	61.79	1.72
GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	74.52	-	21.52	2.89	21.52	2.89

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SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	250.02	-	34.39	1.38	34.39	1.38
MUNIRABAD POWER HOUSE (2x9+1x10)	94.18	-	10.58	1.12	10.58	1.12
TOTAL KPCL HYDRO	11008.67	-	1079.85	0.00	1079.85	0.98
OTHER HYDRO	-	-	-	-	-	-
PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	93.43	-	63.47	6.79	63.47	6.79
TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	18.47	-	1.75	0.95	1.75	0.95
TOTAL OTHER HYDRO	111.90	-	65.22	0.00	65.22	7.74
NON-CONVENTIONAL ENERGY SOURCES (NCE)	-	-	-	-	-	-
WIND-IPPS	6603.22	-	2350.75	3.56	2350.75	3.56
KPCL-WIND (9x0.225+10x0.230)	11.17	-	4.00	3.58	4.00	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	138.60	-	42.69	3.08	42.69	3.08
BIOMASS	88.03	-	46.22	5.25	46.22	5.25
Solar Existing	-	-	-	-	-	-
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)	1249.40	-	593.47	4.75	593.47	4.75
Solar New Projects	0.00	-	0.00		0.00	
Solar-New Park Pavagada	1997.00	-	577.13	2.89	577.13	2.89
Solar-KREDL(New and others)	0.00	-	0.00		0.00	
SOLAR-KPCL (YELESANDRA,ITNAL,YAPAL DINNI,SHIMSHA) (3x1+3x1+1x3x1x5)	9.77	-	3.50	3.58	3.50	3.58

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TOTAL Non-Conventional Energy (NCE)	16504.81		6741.06	0.00	6741.06	4.08
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	1285.06	-	602.69	4.69	602.69	4.69
<b>TRANSMISSION CHARGES</b>						
PGCIL CHARGES	-	2047.35	-	-	2047.350	-
KPTCL CHARGES	-	3645.17	-	-	3645.17	-
SLDC	-	25.79	-	-	25.79	-
POSOCO CHARGES	-	2.86	-	-	2.86	-
<b>TOTAL INCLUDING TRANSMISSION &amp; LDC CHARGES</b>	<b>73971.9388</b>	<b>13963.662</b>	<b>23402.1134</b>	<b>3.1636</b>	<b>37365.78</b>	<b>5.05134</b>