

BESCOM's APPROVED POWER PURCHASE FOR FY20							
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)	66.7854	5323.20	526.96	2012.17	3.78	2539.13	4.77
RAICHUR THERMAL POWER STATION RTPS 8 (1x250)	66.0000	941.79	149.90	337.16	3.58	487.06	5.17
BELLARY THERMAL POWER STATIONS_BTPS-1 (1x500)	66.0000	943.80	191.52	363.36	3.85	554.88	5.88
BELLARY THERMAL POWER STATIONS_BTPS-2 (1x500)	66.0000	858.00	303.00	320.89	3.74	623.89	7.27
BELLARY THERMAL POWER STATIONS_BTPS-3 (1x700)	66.0000	924.00	404.73	317.86	3.44	722.58	7.82
YTPS	66.0000	1037.28	486.00	322.59	3.11	808.59	7.80
TOTAL KPCL THERMAL		10028.07	2062.11	3674.03		5736.14	5.72
CGS SOURCES:							
N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	53.6741	1395.53	99.45	344.70	2.47	444.15	3.18
N.T.P.C-RSTP-III (1X500MW)	53.6741	418.12	26.25	101.27	2.42	127.52	3.05
NTPC-Talcher (4X500MW)	53.6741	1251.14	91.31	207.94	1.66	299.24	2.39
Simhadri Unit -1 &2 (2X500MW)	53.6741	542.65	85.26	154.22	2.84	239.48	4.41
NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I &2 &3 (3X500MW)	53.6741	396.11	86.34	123.11	3.11	209.45	5.29
Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	53.6741	439.72	32.39	113.54	2.58	145.93	3.32
Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	53.6741	576.05	43.84	148.74	2.58	192.58	3.34
Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	53.6741	373.57	39.53	90.40	2.42	129.94	3.48
Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	53.6741	312.38	75.57	75.60	2.42	151.16	4.84
NLC TAMILNADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	53.6741	608.27	100.80	145.56	2.39	246.36	4.05
MAPS (2X220MW)	53.6741	108.24	-	24.35	2.25	24.35	2.25
Kaiga Unit 1&2 (2X220MW)	53.6741	459.99	-	172.50	3.75	172.50	3.75
Kaiga Unit 3 &4 (2X200MW)	53.6741	483.07	-	181.15	3.75	181.15	3.75
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U1 (1X1000MW)	53.6741	508.52	-	213.58	4.20	213.58	4.20
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	53.6741	671.68	-	282.10	4.20	282.10	4.20

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DVC-Unit-1 & 2 Meja TPS (2x500MW)	53.6741	637.15	115.10	152.92	2.40	268.02	4.21
DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	53.6741	776.35	167.41	151.39	1.95	318.80	4.11
Kudgi	53.6741	1617.74	413.83	488.56	3.02	902.38	5.58
TOTAL CGS Energy @ KPTCI periphery	-	11576.27	1377.08	3171.61	0.00	4548.69	3.93
TOTAL MAJOR IPPS					0.00		
UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	67.3886	2932.93	768.90	1038.26	3.54	1807.16	6.16
KPCL HYDEL STATIONS					0.00		
SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	4.3552	181.05	-	9.23	0.51	9.23	0.51
MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	10.0000	21.14	-	3.09	1.46	3.09	1.46
GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	10.0000	51.31	-	9.39	1.83	9.39	1.83
KALI VALLEY PROJECT_KVP (2x50+5x150+1x135)	8.5000	243.80	-	19.26	0.79	19.26	0.79
VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	10.0000	107.92	-	10.79	1.00	10.79	1.00
ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	10.0000	44.24	-	8.23	1.86	8.23	1.86
BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	10.0000	4.80	-	2.52	5.25	2.52	5.25
KADRA POWER HOUSE_KPH (3x50)	10.0000	36.54	-	8.84	2.42	8.84	2.42
KODASALLI DAM POWER HOUSE_KDPH (3x40)	10.0000	34.84	-	5.71	1.64	5.71	1.64
GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	10.0000	7.24	-	1.99	2.75	1.99	2.75
SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	10.0000	24.27	-	3.18	1.31	3.18	1.31
MUNIRABAD POWER HOUSE (2x9+1x10)	10.0000	9.14	-	0.98	1.07	0.98	1.07
TOTAL KPCL HYDRO	10.0000	766.29		83.21		83.21	1.09
OTHER HYDRO:							
PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	53.6741	48.69	-	31.50	6.47	31.50	6.47
TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	53.6741	9.62	-	0.87	0.90	0.87	0.90

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TOTAL OTHER HYDRO		58.31	-	32.37		32.37	7.37
NON-CONVENTIONAL ENERGY SOURCES (NCE)	-	-	-	-	-	-	-
WIND-IPPS	-	2693.76	-	958.98	3.56	958.98	3.56
KPCL-WIND (9x0.225+10x0.230)	-	6.92	-	2.48	3.58	2.48	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	-	1645.31	-	899.99	5.47	899.99	5.47
Solar SECI	-	798.91	-	359.51	4.50	359.51	4.50
NTPC solar Bundle power NSM(Pavagada)	46.39000	463.90	-	220.35	4.75	220.35	4.75
Solar New Projects	-		-	0.00	0.00	0.00	0.00
Solar-New Park Pavagada	-	776.42	-	224.38	2.89	224.38	2.89
Solar-KREDL(New and others)	-	-	-	0.00	3.15	0.00	3.15
SOLAR-KPCL (YELESANDRA,ITNAL,YAPALDI NNI,SHIMSHA) (3x1+3x1+1x3x1x5)	-	3.00	-	1.07	3.58	1.07	3.58
TOTAL NCE	-	6794.62	-	2808.88		2808.88	4.13
NTPC Bundled power solar Old	46.6473	56.21	-	59.19	10.53	59.19	10.53
NTPC Bundled power coal Old	46.6427	235.21	-	95.02	4.04	95.02	4.04
NTPC Bundled power coal new(Pavagada)	46.3900	937.92	-	277.62	2.96	277.62	2.96
Power purchase from Co gen	46.1492	575.00	-	269.68	4.69	269.68	4.69
TRANSMISSION CHARGES:							
PGCIL CHARGES	-	-	829.46	-	0.00	829.46	-
KPTCL CHARGES	-	-	1741.81	-	0.00	1741.81	-
SLDC	-	-	9.81	-	0.00	9.81	-
POSOCO CHARGES	-	-	1.37	-	0.00	1.37	-
<b>TOTAL INCLUDING TRANSMISSION &amp; LDC CHARGES</b>	<b>-</b>	<b>33960.827</b>	<b>6790.54</b>	<b>11509.87</b>	<b>3.3892</b>	<b>18300.42</b>	<b>5.3887</b>