

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/Present Capacity (MW)	30.03.24 (Yesterday)		31.03.24 (Today)		30.03.24 (Yesterday)		Status of Machines under shut-down/ Maintenance		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Description/ Remarks	Probable start-up date	
					Day	Evening	Day	Evening	Gas/Coal/Oil/Water Limitation MW	Machines shut down (MW)			
85	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	40	43	43	43		27	Under maint.	
86	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	29	30	40	40		60	GT-4 Under maint.	
87	Fenchugonj 51 MW PP (Barakattallah)	Gas (RPP)	19x2.90	51	51	11	11	25	25				
88	Kushiana 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
89	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	0	0	0				
90	Shahjibazar GTPP Unit-8 & 9	Gas (PDB)	2x35	70	66	57	32	65	65				
91	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.	
92	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	0	0	0	0			Contact Expired	
93	Sylhet 225 MW CCGP	Gas (PDB)	1x142+1x89	231	231	20	187	135	200				
94	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	18				
95	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	0	0	0				
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	16	24	24				
97	Bibiayana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	305	310	300	300				
98	Bibiayana-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	403	392	380	380				
99	Bibiayana South 383 MW CCGP	Gas (PDB)	1x252+1x131	383	383	380	350	340	340				
100	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	35	0	0	0			Test run	
101	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	10	10	25	25				
Sylhet Zone Total					2472	2427	1495	1562	1558	1623	0	417	
102	Bheramara GTPP Unit-3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
103	Bheramara 410 MW CCGP	Gas (NWPCL)	1 x 278+1 x 132	410	410	0	0	0	0		410	Gas Shortage	
104	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	39	0	40				
105	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	0				
106	Khulna 225 MW CCGP	HSD/ Gas (NWPCL)	1 x 150+1x75	230	230	0	0	0	0				
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	18	17	17	18				
108	Madhumati 100 MW PP	HFO (NWPCL)	6x18.415	105	105	0	0	0	0				
109	Mongla Orion 100 MW Solar PP	Solar (IPP)	100	100	64	0	100	0	0				
110	Khulna 115 MW PP (KPL-2)	HFO (NENP)	7x17	115	115	0	0	0	0				
111	Noapara 40 MW PP (Khanjahan Ali)	HFO (NENP)	5*8.5	40	40	0	0	0	0				
112	Maitree Super Thermal 1320 MW PP (U-1)	Coal (BIFPCL)	1x817	617	617	379	377	380	380				
113	Khulna 330 MW CCGP	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0				
**	Bheramara (HVDC)	India		1000	1000	917	773	940	795				
Khulna Zone Total					3241	3237	1378	1206	1437	1233	410	0	
114	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	100	100	110	110				
115	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	40	5	9	7	10				
116	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	132	132	130	135				
117	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	1230	1230	1200	1200				
118	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	17	17	17	54				
119	Barisal Electric 307 MW	Coal (IPP)	1x307	307	307	307	307	0	0				
120	Bhola 220MW CCGP (Nutan Bidyt BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	220	220	220	220				
Barishal Zone Total					2265	2265	2011	2029	1684	1729	0	62	
121	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0		71	Gas Shortage	
121	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under maint.	
122	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	40	25	40				
123	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	30	0	30				
124	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	90	50	90				
125	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	48	40	50				
126	Katakhal 50 MW PP (Northern)	HFO (NENP)	6x8.9	50	50	16	16	42	42				
127	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	38	16	38				
128	Siraigonj 225MW CCGP Unit-1	Gas (NWPCL)	1x150+1x75	210	210	180	163	0	160				
129	Siraigonj 225MW CCGP Unit-2	Gas (NWPCL)	1x150 + 1x75	220	220	0	0	0	0		220	Gas Shortage	
130	Siraigonj 225MW CCGP Unit-3	Gas (NWPCL)	1x141+1x79	220	220	0	0	0	0		220	Gas Shortage	
131	Siraigonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	414	370	414	414				
132	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	5	8				
133	Natore 52 MW PP (Rajkanka)	HFO (IPP)	6x8.92	52	52	0	8	8	16				
134	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6*18.55	113	113	35	55	0	55				
135	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	35	50	0	35				
136	Ammura 50 MW PP (Sinha)	HFO (NENP)	7x7.9	50	28	28	28	28	28				
137	Siraigonj 6.55 MW Solar	Solar (NWPCL)	1x6	6	6	1	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	1008	1018	1000	1000				
Rajshahi Zone Total					3453	3431	1725	1962	1634	2006	511	100	
138	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Coal Shortage	
138	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	
139	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	200	200	200	200		74	Coal Shortage	
140	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
141	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	6	56	6	56				
142	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
143	Majpara, Tatula 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	6	0	8	0				
144	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	0	75	35	75				
145	Lalmohith 30 MW Solar (Intraco)	Solar (IPP)	1*30	30	30	23	0	30	0				
146	Teesta Solar Limited	Solar (IPP)	1 x 200	200	200	65	0	130	0				
Rangpur Zone Total					1030	950	300	331	409	331	159	85	
Sub-total: Plants in operation					26230	25809	11576.0	13353	11970	13440	3369	1734	
(B) Plants under long term maintenance/contract expired													
147	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	0			Contract Expired	
148	Hariapur 360MW CCGP(HPL)	Gas (IPP)	1x235+1x125	360	0	0	0	0	0			Contract Expired	
149	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	0	0	0	0	0			Contract Expired	
150	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0			Contract Expired	
Sub-total: Plants under long term maintenance/contract expired					614	0	0	0	0	0	0	0	
Gross Total					26844	25809	11576	13353	11970	13440	3369	1734	
(C) Actual data of 30.03.24 (Yesterday) Saturday :													
01.	Max. Demand at eve. peak (Generation end)		14050 MW, at =	21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand at eve. peak (Sub-station end)		13546 MW, at =	21:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)		13406 MW, at =	22:00 hrs	Dhaka	4999	4934	65	Mymensingh	1204	1138	66	
04.	Minimum Generation (Generation end)		10116 MW, at =	6:00 hrs	Chattogram	1247	1167	80	Sylhet	448	448	0	
05.	Day-peak Generation (Generation end)		11576 MW, at =	12:00 hrs	Khulna	1707	1557	150	Barishal	444	444	0	
06.	Evening-peak Generation (Generation end)		13353 MW, at =	21:00 hrs	Rajshahi	1370	1245	125	Rangpur	806	726	80	
07.	Evening Peak Load-shed (Sub-station end)		666 MW, at =	21:00 hrs	Cumilla	1320	1220	100					
08.	Minimum Generation Forecast up to 8:00 hrs.		5627 MW, at =	5:00 hrs	Total				13546	12880	666		
09.	Generation shortfall at evening peak due to :				13.	Fuel cost : (a) Gas = 400190891 Taka (c) Coal = 655199243 Taka							
a)	Gas/LF limitation		3010 MW			(b) Oil = 571396182 Taka Total = 1626786317 Taka							
d)	Coal supply Limitation		159 MW		14.	Maximum Temperature in Dhaka was : 34.4°C							
b)	Low water level in Kaptai lake		200 MW		15.	Export through East-West interconnections :							
c)	Plants under shut down/ maintenance		1734 MW			At evening peak-hour : 11576 MW, at 21:00 hrs							
10.	Total Energy (Generation + India import)		284.65 MKWh			Maximum : 650 MW, at 20:00 hrs							
	By Gas = 127.476 MKWh		By Oil = 31.290 MKWh			Energy : 0 MKWh							
	By Coal = 98.031 MKWh		By Hydro = 0.797 MKWh										
	By Solar = 2.283 MKWh												
11.	Total Gas Supplied		952.26 MMCFD										
(D) Forecast of 31.03.24 (Today) Sunday :													
01.	Maximum Demand		13800 MW	(Generation end)	04.	Maximum Load-shed : 332 MW At evening peak (Sub-station end)							
02.	Maximum Generation		13440 MW	(Generation end)	05.	Total Generation : 293.02 MKWh							
03.	Reserve / Shortage		-360 MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 34.4°C							

#Remarks: Highest Generation 15648 MW on 19-04-2023 at 21:00

(Md. Helalur Rahman)
Deputy Secretary, Generation