

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2022				Day : Friday				Date : 22.04.22				
Probable Maximum Demand : 13000 MW				Probable Maximum Generation : 15340 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 78.93 ft				Today = 78.74 ft				
				Rule Curve = 83.80 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.04.22 (Yesterday)		22.04.22 (Today)		21.04.22 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :			
									Gas/water/Coal limitation MW	Machines shut down (MW)		
					Day	Evening	Day	Evening	Description/ Remarks		Probable start-up date	
(A) Plants in operation:												
1	Ghorasal Repowered CCPP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0	260	Under project work	
2	a) Ghorasal Repowered CCPP Unit-4	Gas (P										

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					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gas/water/Coal limitation MW	Machines shut down (MW)	Gen. shortfall for :	Description/ Remarks	Probable start-up date	
					Day	Evening	Day	Evening						
88	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	0	0	0						
89	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	42	41		48		GT-4 Under maint.		
90	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	22	22	22						
91	Kushara 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163						
92	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	5	11	11						
93	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	60	55	55						
94	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+1x110	330	330	157	156	160	174			Gas Shortage		
95	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	76	81	81						
96	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	20	219	180						
97	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	0	0	20			Gas Shortage		
98	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10						
99	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	23	24	22						
100	Bibiyan-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	290	310						
101	Bibiyan-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	366	400	400						
102	Bibiyan South 383 MW CAPP	Gas (PDB)	1x252+1x131	383	383	392	400	400						
103	Shahjibazar 100 MW GTTP	Gas (PDB)	1x100	100	100	0	0	0		100		Under project work		
104	Sylhet 50MW PP (EPL)	Gas (NENP)	2x27	50	50	10	0	0						
105	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12*3+5*2	50	50	40	3	5	41			Gas Shortage		
Sylhet Zone Total					2522	2477	1864	1876	1860	1926	235	148		
106	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0						
107	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	195	175	300	235			Gas Shortage		
108	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	38	30						
109	Copalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	74	0						
110	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	60	125	200						
111	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x3.515	100	100	0	0	100						
112	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	35	94	76						
113	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	105	105						
114	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	84	0	100						
115	Khulna 115 MW PP (KPCL-2)	HFO (NENP)	7x17	115	115	0	86	80						
116	Noapara 40 MW PP (Khanjahan Ali)	HFO (NENP)	5*8.5	40	40	0	16	32						
**	Bheramara (HVDC)	India		1000	1000	722	919	937						
Khulna Zone Total					2388	2384	1096	1632	1960	1980	235	0		
117	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	16	48	50						
118	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	40	20	37	33						
119	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	87	90	90						
120	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	420	622	620						
121	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	100	150						
122	Bhola 220MW CAPP (Nutan Bidyt Bl)	Gas/HSD (IPP)	2x75+1x70	220	220	210	220	220						
Barishal Zone Total					1958	1958	753	1117	1163	1227	0	0		
123	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0				Gas Shortage		
123	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	100			Gas Shortage		
124	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	43	36						
125	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	100						
126	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	26	30						
127	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	93	92						
128	Katakahi 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	40	30						
129	Katakahi 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	25	34						
130	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	38	30						
131	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	122	132	150						
132	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	0	0	0	220			Gas Shortage		
133	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	220			Gas Shortage		
134	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	417	414	400						
135	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22						
136	Ullapera 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11						
137	Natore 52 MW PP (Rajjanka)	HFO (IPP)	6x8.92	52	52	24	52	52						
138	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	35	75	90						
139	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	108	113	113						
140	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	1	0	6						
Rajshahi Zone Total					2129	2129	737	1084	1196	1566	611	0		
141	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	80	80	76						
141	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0			85	Under Overhauling		
142	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	200	200	200						
143	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0						
144	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	50	110	110						
145	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0						
146	Majpara, Tutula 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	6	0	8						
147	Thakurgaon 119MW PP (Energyrac)	HFO (IPP)	6*20	115	115	0	115	115						
Rangpur Zone Total					800	720	336	505	509	532	0	85		
Sub-total: Plants in operation					21970	21484	9731.0	12986	14510	15250	2942	1153		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							9364	12554	14039	14762				
(B) Plants under long term maintenance/ contract expired														
148	Bosila 108MW PP (CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0				Forced Outage		
149	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	0	0	0	0				Contract expired		
150	Jidhah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	0	0	60	80						
151	Bogura 20 MW PP (Energyprima)	Gas (NENP)	5x3.3+5x2.0	20	0	0	0	0				Contract Expired on 12/11/2020		
152	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	0	0	0	0				Contract Expired on 11/01/2022		
Sub-Total: Plants under long term maintenance/ contract expired					378	0	60	80	90					
Gross Total					22348	21484	9731	13046	14590	15340	2942	1153		
(C) Actual data of 21.04.22 (Yesterday) Thursday :														
01.	Max. Demand at eve. peak (Generation end)	:	13046	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)	:	12554	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)	:	13056	MW, at =	22:00 hrs	Dhaka	4498	4498	0	Mymensingh	1002	1002	0	
04.	Minimum Generation (Generation end)	:	7077	MW, at =	6:00 hrs	Chattogram	1200	1200	0	Sylhet	502	502	0	
05.	Day-peak Generation (Generation end)	:	9731	MW, at =	12:00 hrs	Khulna	1746	1746	0	Barishal	416	416	0	
06.	Evening-peak Generation (Generation end)	:	13046	MW, at =	21:00 hrs	Rajshahi	1234	1234	0	Rangpur	748	748	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0	MW, at =	21:00 hrs	Cumilla	1208	1208	0					
08.	Minimum Generation Forecast up to 8:00 hrs.	:	8612	MW, at =	5:00 hrs									
09.	Generation shortfall at evening peak due to :	:												
a)	Gas limitation	:	2769	MW		13.	Fuel cost :	(a) Gas = 131933512 Taka	(c) Coal = 96758217 Taka					
d)	Coal supply Limitation	:	0	MW			(b) Oil = 483407180 Taka	Total = 712098909 Taka						
b)	Low water level in Kapta lake	:	173	MW										
c)	Plants under shut down/ maintenance	:	1153	MW		14.	Maximum Temperature in Dhaka was :	31.9° C						
10.	Total Energy (Generation + India Import)	:	244.51	MKWh		15.	Export through East-West interconnections :							
	By Gas = 134.053 MKWh			By Oil = 66.980 MKWh			At evening peak-hour	-28	MW, at	21:00 hrs				
	By Coal = 20.188 MKWh			By Hydro = 1.361 MKWh			Maximum	-257	MW, at	3:00 hrs				
	By Solar = 1.287 MKWh						Energy	0.265	MKWh					
11.	Total Gas Supplied	:	1020.40	MMCFD										
(D) Forecast of 22.04.22 (Today) Friday :														
01.	Maximum Demand	:	13000	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	15340	MW	(Generation end)	05.	Total Generation	:	243.46	MKWh				
03.	Reserve / Shortage	:	2340	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	33.1° C					

* Captive Power ** Imported Power

#Remarks: Highest Generation 14782 MW on 16-04-2022 at 21:00

(Md. Helalur Rahman)
Deputy Secretary, Generation