

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month December, 2022					Day : Saturday				Date : 17.12.22					
Probable Maximum Demand : 9900 MW					Probable Maximum Generation : 10962 MW					Rule Curve = 104.50 ft.				
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 88.15 ft		Today = 88.03 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.12.22 (Yesterday)		17.12.22 (Today)		16.12.22 (Yesterday)		17.12.22 (Today)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for : Gas/Coal/oil/Water Limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date				
											Day	Evening		Day
(A) Plants in operation:														
1	Ghorasal Repowered CAPP Unit-3 (GT)	Gas (PDB)	1 x 260	260	0	0	0	0				260	Under project work	
2	a) Ghorasal Repowered CAPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0				Line Overload	
	b)													

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					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)		
88	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	30	30	30		40	GT-1 Under maint.	
89	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	42	42	42		48	GT-4 Under maint.	
90	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	22	22	22				
91	Kushlira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	0	0	0		54	STG Under maint.	
92	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	8	8				
93	Shahjibazar GTTP Unit-8 & 9	Gas (PDB)	2x35	70	66	51	32	30	30			
94	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	0	0	0		330	Under maint.	
95	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	30	30	50	86			
96	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	218	178	218	218			
97	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	18	19	19	19			
98	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10			
99	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	21	22	22	22			
100	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	0	0	0	0	341	Major Inspection	31/12/2022
101	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	387	418	400	400			
102	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	260	220	260	260	163	ST Under maint.	
103	Shahjibazar 100 MW GTTP	Gas (PDB)	1x100	100	100	0	0	0	0	100	Under project work	
104	Sylhet 50MW PP (EPL)	Gas (NENP)	2x27	50	50	11	11	11	11			
105	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12'3.3+5'2	50	50	10	10	20	20			
Sylhet Zone Total					2522	2477	1118	1052	1142	1178	0	1076
106	Bheramara GTTP Unit-3	HSD (PDB)	1 x 20	20	16	0	0	0	0			
107	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0	410	Under maint.	
108	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	45			
109	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	85			
110	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0			
111	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	0	0	50			
112	Rupsha 105 MW PP (Orion nupsha)	HFO (IPP)	6x18.445	105	105	17	94	15	94			
113	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	0	0			
114	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	78	0	100	0			
115	Khulna 115 MW PP (KPCL-2)	HFO (NENP)	7x17	115	115	0	16	16	49			
116	Noapara 40 MW PP (Khanjahan Ali)	HFO (NENP)	5'8.5	40	40	0	0	0	40			
	Rampal 1320 MW	Coal (BIFPCL)				406	405	500	500			
	Khulna 330 MW CCPP	Gas/HSD (BPDB)				0	0	0	0			
**	Bheramara (H/DC)	India		1000	1000	682	873	952	952			
Khulna Zone Total					2388	2384	1183	1388	1583	1815	0	410
117	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	0	0	110	Line Overload	
118	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	40	18	22	18	25			
119	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	182	184	187	187			
120	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	290	260	330	350			
121	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	0	35	150	Line Overload	
	Barisal Electric 307 MW	Coal (IPP)				0	0	0	0			
122	Bhola 220MW CCPP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	190	160	220	220			
Barisal Zone Total					1958	1958	680	626	755	817	0	260
123	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71	Gas Shortage	
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Gas Shortage	
124	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	32			
125	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	0	0			
126	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	25			
127	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	0	0	90			
128	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	41	0	40			
129	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	25	16	16	50			
130	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	35	0	35			
131	Siragongj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	189	160	200	210			
132	Siragongj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220	Gas Shortage	
133	Siragongj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0	220	Under maint.	
134	Siragongj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	397	276	400	410	138	Gas Shortage	
135	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	0	18	15	15			
136	Uliapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
137	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.52	52	52	8	8	8	8			
138	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6'18.55	113	113	35	35	35	113			
139	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	35	111	35	113			
140	Siragongj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	3	0	6	0			
	Adani Power Jharkhanda Ltd	Coal				0	0	0	0			
Rajshahi Zone Total					2129	2129	703	711	726	1152	529	220
141	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Coal Shortage	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Overhauling	
142	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	160	160	160	160	114	Coal Shortage	
143	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
144	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7'16x 2'3	113	113	34	107	34	113			
145	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
146	Maipara, Tabulia 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	3	0	8	0			
147	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6'20	115	115	17	34	35	113			
148	Lalmohithal 30 MW Solar (Intraco)	Solar (IPP)	1'30	30	30	17	0	30	0			
	Treesta Solar Limited	Solar (IPP)				70	0	0	0			
Rangpur Zone Total					830	750	301	301	267	386	199	85
Sub-total: Plants in operation					22204	21826	7172.0	8108	8561	10962	3385	3262
(B) Plants under long term maintenance/ contract expired												
149	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	0	0	0	0	0			
150	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	0			
151	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0			
152	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	0	0	0	0	0			
153	Amuria 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	0	0	0	0	0			
Sub-Total: Plants under long term maintenance/ contract expired					404	0	0	0	0			
Gross Total					22608	21826	7172	8108	8561	10962	3385	3262
(C) Actual data of 16.12.22 (Yesterday) Friday :												
01.	Max. Demand at eve. peak (Generation end)	:	8108	MW, at =	19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand at eve. peak (Sub-station end)	:	7634	MW, at =	19:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW
03.	Highest Generation (Generation end)	:	8108	MW, at =	19:00 hrs	Dhaka	2521	2521	0	Mymensingh	674	674
04.	Minimum Generation (Generation end)	:	6158	MW, at =	5:00 hrs	Chattogram	854	854	0	Sylhet	326	326
05.	Day-peak Generation (Generation end)	:	7172	MW, at =	12:00 hrs	Khulna	987	987	0	Barisal	217	217
06.	Evening-peak Generation (Generation end)	:	8108	MW, at =	19:00 hrs	Rajshahi	837	837	0	Rangpur	572	572
07.	Evening Peak Load-shed (Sub-station end)	:	0	MW, at =	19:00 hrs	Cumilla	646	646	0			
08.	Minimum Generation Forecast up to 8:00 hrs.	:	5506	MW, at =	5:00 hrs							
09.	Generation shortfall at evening peak due to :	:								Total	7634	7634
	a) Gas/LF limitation	:	3002	MW		13.	Fuel cost :	(a) Gas = 107244768 Taka	(c) Coal = 91893776 Taka			
	d) Coal supply Limitation	:	199	MW			(b) Oil = 280349282 Taka	Total = 479487826 Taka				
	b) Low water level in Kaptai lake	:	184	MW								
	c) Plants under shut down/ maintenance	:	3262	MW		14.	Maximum Temperature in Dhaka was :	25.4° C				
10.	Total Energy (Generation + India Import)	:	169.16	MKWh		15.	Export through East-West interconnections :					
	By Gas = 103.401 MKWH			By Oil = 21.983 MKWh			At evening peak-hour	:	7172	MW, at	19:00 hrs	
	By Coal = 22.409 MKWH			By Hydro = 1.126 MKWh			Maximum	:	664	MW, at	6:00 hrs	
	By Solar = 1.440 MKWH						Energy	:	0	MKWh		
11.	Total Gas Supplied	:	768.17	MMCFD								
(D) Forecast of 17.12.22 (Today) Saturday :												
01.	Maximum Demand	:	9900	MW (Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation	:	10962	MW (Generation end)		05.	Total Generation	:	206.55	MKWh		
03.	Reserve / Shortage	:	1062	MW (Generation end)		06.	Probable Max. Temperature in Dhaka :	:	26.4° C			

* Captive Power ** Imported Power
#Remarks: Highest Generation 14782 MW on 16-04-2022 at 21:00

(Md. Helaur Rahman)
Deputy Secretary, Generation