



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: December, 2018					Day : Sunday				Date : 23.12.18			
Probable Maximum Demand : 8600 MW					Probable Maximum Generation : 12065 MW							
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 98.92 ft				Today = 98.87 ft			
					Rule Curve = 103.90 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.12.18 (Yesterday)		23.12.18 (Today)		22.12.18 (Yesterday)		23.12.18 (Today)	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
(A) Plants in operation:												
1	a) Ghorasal ST-Unit -1	Gas (PDB)	1 x 55	55	40	38	38	38	38			
	b) Ghorasal ST-Unit -2	Gas (PDB)	1 x 55	55	45	0	0	0	0			
	c) Ghorasal ST-Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Gas Shortage	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	270	273	270	270		On Test	
	(e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	120	0	0	0			
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	230	350	380	380			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	12	12	52	101			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	40	40			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage	
6	Horipur GT- Unit-1.2	Gas (PDB)	2 x 32	64	40	0	0	0	0			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	306	316	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	300	340	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage	
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	360	348	412	412			
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	160	170	155	150	40	Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	120	230	150	230			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
16	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0			
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	15	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	30	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
21	Gagnagar (Onion)	HFO (IPP)	12x8.924	102	102	0	7	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	58	58	58	58			
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	43	43	43			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	118	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	47	47	47			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	54	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	15	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	30	80	100	130			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
33	Bramhangao 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
35	Southern Power	HFO (IPP)	3x19.3	55	55	0	0	36	36			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	55	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	47	45	47			
Dhaka Zone Total				6034	5798	2127	2608	4410	4697	430	0	
38	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	32	32	33	63	198		Water Level Low
39	a) Chattogram ST-Unit-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage
	b) Chattogram ST-Unit -2	Gas (PDB)	1 x 210	210	180	120	120	120	120			
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	20.2	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	41	50	50			
43	Shikabaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage	
44	Shikabaha Peaking GT	Gas (PDB)	1 x 150	150	150	120	110	150	130			
45	Sikabaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225	Gas Shortage	
46	Sikabaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	40	40	50			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	40	90	90			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	50	100	100	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	68	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	40	81	81			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			3	29	40	40			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	32	90	100			
Chattogram Zone Total				1761	1681	407.2	682	929	939	643	0	
53	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135	Gas Shortage	
	b) Ashuganj ST-Unit-4	Gas (APSCL)	1 x 150	150	129	100	80	80	80			
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	100	80	80	80			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	40	39	40			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	205	197	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	305	320	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	200	255	265	265			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	7	7	7			
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5			
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	7	51	51	51			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	149	100	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	6	85	85	85			
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	8	0	40			
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	34	120	180	180			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	24	25	33	33			
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	0	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	22	22	22			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200			
**	Tripura	India		160	160	80	130	91	112			
Cumilla Zone Total				2951	2891	1267	1715	1860	2124	135	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	138	155	160	160	47	Gas Shortage	
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	80	80	81			
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	60	150	200			
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.9	0	2	0			
Mymensingh Zone Total				530	522	159.9	315	412	461	47	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.12.18 (Yesterday)		23.12.18 (Today)		22.12.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
						Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
78	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	57	24	57	57				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	63	63	63	63				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	21	40	40				
82	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	100	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
84	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	64	67	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	230	232	225	230				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	89	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	80	78	100	130				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0				
90	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	6	49	50	50				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	9	10	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	16	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	0	0	0		341	Under Maintenance	26.12.18
	Bibiana- 3	Gas (PDB)				160	0	0	0			On Test	
Sylhet Zone Total				1594	1549	804	861	997	1032	0	341		
94	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
95	Bheramara 360 MW CCPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	200	230	300	300				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	0	0	40				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	50	0	80				
98	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	66	115	115				
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	100	100				
101	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	35	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	384	658	518	666				
Khulna Zone Total				2223	2209	643	1149	1178	1492	0	0		
103	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
104	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	64	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	18	15	20	26				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	127	140	194	194				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	33	53	95	95				
Barishal Zone Total				472	462	178	272	419	455	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
109	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	50				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	42				
111	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	51	90	102				
113	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	35				
114	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	23	0	40				
116	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
117	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	212	179	220	220				
118	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	0	0	0	0	141		Gas Shortage	
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0	282		Gas Shortage	
120	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22				
121	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	5	5				
122	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
123	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	0	43	52	52				
Rajshahi Zone Total				1556	1546	243	384	500	679	804	0		
124	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.12.18
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
125	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	280	293	150	150	-19		Coal Shortage	
126	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	18				
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18				
Rangpur Zone Total				564	484	280	310	150	186	66	85		
Sub-total: Plants in operation				17685	17142	6109	8296	10855	12065	2125	426		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5733	7785	10186	11322				
Gross Total				17685	17142	6109	8296	10855	12065	2125	426		

(B) Actual data of 22.12.18 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	8296.00	MW,	at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand (Sub-station end)	:	7785.00	MW,	at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	8296.00	MW,	at =	19:00 hrs		MW	MW	MW		MW	MW
04.	Minimum Generation (Generation end)	:	4498.00	MW,	at =	5:00 hrs	Dhaka	2833	2833	0	Mymensingh	568	568
05.	Day-peak Generation (Generation end)	:	6109.10	MW,	at =	12:00 hrs	Chattogram	910	910	0	Sylhet	310	310
06.	Evening-peak Generation (Generation end)	:	8296.00	MW,	at =	19:00 hrs	Khulna	972	972	0	Barishal	201	201
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Rajshahi	805	805	0	Rangpur	532	532
08.	Generation shortfall at evening peak due to :						Cumilla	654	654	0	Total	7785	7785
	a) Gas limitation	:	1861	MW			12.	Fuel cost :	(a) Gas = 88337829	Taka	(c) Coal = 20249174	Taka	
	b) Low water level in Kaptai lake	:	198	MW				(b) Oil = 77028566	Taka	Total = 185615569	Taka		
	c) Plants under shut down/ maintenance	:	426	MW			13.	Maximum Temperature in Dhaka was : 25.5° C					
09.	Total Energy (Generation + India Import)	:	148.38	MKWh			14.	Export through East-West interconnections :					
	By Gas =	118.790	MKWH	By Oil =	11.470	MKWh		At evening peak-hour : -630 MW, at 19:00 hrs					
	By Coal =	5.246	MKWH	By Hydro =	0.723	MKWh		Maximum : -690 MW, at 8:00 hrs					
	By Solar=	0.151	MKWH										
10.	Total Gas Supplied	:	1078.08	MMCFD				Energy : 6.9350 MKWh					

(C) Forecast of 23.12.18 (Today) Sunday :													
01.	Maximum Demand	:	8600	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	12065	MW	(Generation end)	05.	Total Generation	:	153.82	MKWh			
03.	Maximum Shortage	:	-3465	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	25.3° C				

* Captive Power ** Imported Power

#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZAMAN)
Deputy Secretary, Generation