



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: December, 2018					Day : Monday				Date : 24.12.18			
Probable Maximum Demand : 8500 MW					Probable Maximum Generation : 12072 MW							
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 98.87 ft				Today = 98.84 ft			
									Rule Curve = 103.80 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.12.18 (Yesterday)		24.12.18 (Today)		23.12.18 (Yesterday)		24.12.18 (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	226	156	197	270		On Test	
	(e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0			
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	220	300	380	380			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	12	100	12	101			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	35	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	362	305	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	400	420	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	380	337	412	412			
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	200	95	155	150	115	Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	120	225	120	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	7	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	7	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	15	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	10	100	100			
21	Gagnagar (Orion)	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	57	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	40	42	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	12	48	47	47			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	105	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	72	61	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	0	100			
35	Southern Power	HFO (IPP)	3x19.3	55	55	0	36	36	36			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	55	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	24	47	45	47			
Dhaka Zone Total				6034	5798	2280	2657	4167	4697	505	0	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	32	31	33	63	199	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	100	120	120	120			
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	20.35	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	50	50	50	50			
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage	
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	120	130	150	130			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225	Gas Shortage	
46	Sikalbaha (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	78	90	90			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	90	100	100	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	68	68	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	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			2	15	40	40			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	90	90	100			
Chattogram Zone Total				1761	1681	501.35	769	929	939	644	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	80	80	80	80			
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	80	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	230	183	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	305	301	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	150	260	265	265			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	7	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	51	51	51	51			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	58	100	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	20	85	85	85			
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	40			
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	100	100	163	Was Under Maintenance	
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	70	20	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	25	25	0	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	18	22	22	22			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
**	Tripura	India		160	160	90	132	91	112			
Cumilla Zone Total				2951	2891	1212	1390	1727	2124	135	163	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	153	157	160	160	45	Gas Shortage	
74	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	17	20	20			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	14	80	80	81			
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	100	150	200			
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0			
Mymensingh Zone Total				530	522	196	354	412	461	45	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.12.18 (Yesterday)		24.12.18 (Today)		23.12.18 (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	57	57	57				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	51	63	63	63				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	22	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	21	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	8	11	11				
84	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	51	56	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	235	234	225	230				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	20	86	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	48	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	77	78	100	130				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0				
90	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	45	48	50	50				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	9	0	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	17	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)				100	50	0	0		On Test		
Sylhet Zone Total				1594	1549	852	928	987	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	270	305	300	300				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	37	0	40				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	40	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	32	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	8	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	90	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	519	675	518	673				
Khulna Zone Total				2223	2209	887	1234	1178	1499	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	16	25	20	26				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	66	132	194	194				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	31	96	95	95				
Barishal Zone Total				472	462	113	317	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	42	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	25	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	39	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	200	177	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	0	11	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	43	52	52				
Rajshahi Zone Total				1556	1546	231	465	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	149	149	150	150	125		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	149	166	150	186	210	85		
Sub-total: Plants in operation				17685	17142	6421	8280	10469	12072	2343	589		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6011	7751	9800	11301				
Gross Total				17685	17142	6421	8280	10469	12072	2343	589		

(B) Actual data of 23.12.18 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	8280.00	MW,	at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand (Sub-station end)	:	7751.00	MW,	at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	8280.00	MW,	at =	19:00 hrs		MW	MW	MW		MW	MW
04.	Minimum Generation (Generation end)	:	4810.00	MW,	at =	5:00 hrs	Dhaka	2842	2842	0	Mymensingh	579	579
05.	Day-peak Generation (Generation end)	:	6421.35	MW,	at =	12:00 hrs	Chattogram	814	814	0	Sylhet	312	312
06.	Evening-peak Generation (Generation end)	:	8280.00	MW,	at =	19:00 hrs	Khulna	967	967	0	Barishal	198	198
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Rajshahi	826	826	0	Rangpur	535	535
08.	Generation shortfall at evening peak due to :						Cumilla	678	678	0	Total	7751	7751
	a) Gas limitation	:	1934	MW			12.	Fuel cost :	(a) Gas = 90428600	Taka	(c) Coal = 14133390	Taka	
	b) Low water level in Kaptai lake	:	199	MW				(b) Oil = 87567463	Taka	Total = 192129452	Taka		
	c) Plants under shut down/ maintenance	:	589	MW			13.	Maximum Temperature in Dhaka was : 24.9° C					
09.	Total Energy (Generation + India Import)	:	154.06	MKWh			14.	Export through East-West interconnections :					
	By Gas = 121.105	MKWH	By Oil = 14.072	MKWh				At evening peak-hour : -600 MW, at 19:00 hrs					
	By Coal = 3.662	MKWH	By Hydro = 0.734	MKWh				Maximum : -640 MW, at 20:00 hrs					
	By Solar= 0.152	MKWH											
10.	Total Gas Supplied	:	1078.22	MMCFD				Energy : 6.3495 MKWh					

(C) Forecast of 24.12.18 (Today) Monday :													
01.	Maximum Demand	:	8500	MW	(Generation end)		04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)					
02.	Maximum Generation	:	12072	MW	(Generation end)		05.	Total Generation : 158.15 MKWh					
03.	Maximum Shortage	:	-3572	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka : 24.9° C					

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation