



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: December, 2018				Day : Sunday				Date : 30.12.18				
Probable Maximum Demand : 7500 MW				Probable Maximum Generation : 12706 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 98.62 ft		Today = 98.58 ft		Rule Curve = 103.30 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.12.18 (Yesterday)		30.12.18 (Today)		29.12.18 (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/water/Coal limitation MW	Machines shut down (MW)		
(A) Plants in operation:												
1	a) Ghorasal ST:Unit -1	Gas (PDB)	1 x 55	55	40	35	35	35	35			
	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	50	150	0	280			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	300	300	350	350			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	53	12	100	100			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	20	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	302	242	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	380	370	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	345	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	101	150	40	200			
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	150	150	200	220			
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	7	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	20	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	7	7	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	22	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	57	58	58			
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33			
25	Summit Power, Rupganj	Gas (SIPP, REB)	4x8.73	33	33	29	29	0	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	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	0	45	45	45			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	55	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	45	0	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	15	130	130			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
33	Bramhangonj 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	17	36	36			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	18	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	47	8	46			
Dhaka Zone Total				6034	5798	1928	2235	3656	4718	390	0	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	30	40	70	70	190		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	150	150	60		Gas Shortage
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.8	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	27	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	130	130	40	150			
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	8	30	50	50			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	25	90	90			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	10	80	100	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	0	68	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	70	70			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			31	42	20	30			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	0	90	100			
Chattogram Zone Total				1761	1681	370.8	541	865	975	695	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	100	100			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	130	80	100	100			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	20	40	40			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	188	158	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	283	300	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	0	260	0	260			
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	7	7	12	12			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	6	150	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	2	50	85	85			
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	8	8	8	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	0	17	180	180			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	11	0	22			
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	0	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	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	14	18	22	22			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.08	200	200	0	0	0	200			
**	Tripura	India		160	160	74	100	56	112			
Cumilla Zone Total				2951	2891	996	1268	1454	2120	135	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	170	213	98	200	-11		Gas Shortage
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	0	20			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	50	80	80			
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	50	200	200			
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.8	0	2	0			
Mymensingh Zone Total				530	522	198.8	333	380	500	-11	0	

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.12.18 (Yesterday)		30.12.18 (Today)		29.12.18 (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/water/Coal limitation MW	Machines shut down (MW)		
78	Fenchuganj CCPP-1	Gas	(PDB)	2x32+1x33	97	70	30	30	57	57				
79	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	40	40	63	63				
80	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	5	48	51	51				
81	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	5	21	21	21				
82	Kushiara 163 MW CCPP	Gas	(IPP)	1x109+1x54	163	163	70	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	66	40	66	66				
85	Shajibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	222	140	225	225				
86	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	2	20	86	86				
87	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	5	49	50	50				
88	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	90	77	0	130				
89	Sylhet 20MW GT	Gas	(PDB)	1 x 20	20	20	0	0	0	20				
90	Sylhet (Enegyprima)	Gas	(RPP)	27x2.0	50	50	25	25	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	0	25	0	25				
93	Summit Bibiana- 2	Gas	(IPP)	1x222+1x119	341	341	330	290	341	341				
	Bibiana- 3	Gas	(PDB)				0	0	0	0			On Test	
Sylhet Zone Total					1594	1549	898	922	1184	1369	0	0		
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	165	300	200	410				
96	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	22	0	40				
97	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	0	41	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	0	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	0	40	40	40				
102	Labon Chora 105 MW	HFO	(IPP)	6x18.445	105	105	0	53	105	105				
**	Bheramara HVDC Interconnector	India			1000	1000	403	693	358	702				
Khulna Zone Total					2223	2209	568	1149	918	1638	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	16	110	110				
105	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	18	26	25	25				
106	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	191	184	194	194				
107	Bhola Agreeko 95 MW	Gas	(QRPP)	1.1x96	95	95	52	52	95	95				
Barishal Zone Total					472	462	261	278	424	454	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	40				
111	Amnura	HFO	(QRPP)	7x7.79	50	50	0	50	50	50				
112	Chapainawabganj-100 MW	HFO	(PDB)	12x8.924	104	104	0	26	90	100				
113	Katakhali Peaking	HFO	(PDB)	6x8.7	50	50	0	0	50	50				
114	Katakhali (Northern)	HFO	(QRPP)	6x8.9	50	50	0	0	50	50				
115	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	0	23	0	35				
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	190	145	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	22	22	22	22				
121	Bogura (Engergyprima)	Gas	(RPP)	5x3.3+5x2.0	20	10	3	5	5	5				
122	Ullapara (Summit)	Gas	(SIPP, REB)	4x2.90	11	11	5	11	11	11				
123	Rajlanka 52 MW	HFO	(IPP)	6x8.92	52	52	0	26	43	43				
Rajshahi Zone Total					1556	1546	220	308	541	676	804	0		
124	a) Barapukuria ST:Unit -1	Coal	(PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.01.18
	b) Barapukuria ST:Unit - 2	Coal	(PDB)	1 x 125	125	85	71	74	74	74	11		Coal Shortage	
125	Barapukuria ST:Unit - 3	Coal	(PDB)	1 x 274	274	274	150	149	150	150	125		Coal Shortage	
126	Rangpur GT	HSD	(PDB)	1 x 20	20	20	0	0	0	17				
127	Syedpur GT	HSD	(PDB)	1 x 20	20	20	0	0	0	15				
Rangpur Zone Total					564	484	221	223	224	256	136	85		
Sub-total: Plants in operation					17685	17142	5662	7257	9646	12706	2149	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							5317	6815	9058	11932				
Gross Total					17685	17142	5662	7257	9646	12706	2149	85		

(B) Actual data of 29.12.18 (Yesterday) Saturday :																									
01.	Max. Demand (Generation end)	:	7257.00	MW,	at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :																	
02.	Max. Demand (Sub-station end)	:	6815.00	MW,	at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed											
03.	Highest Generation (Generation end)	:	7257.00	MW,	at =	19:00 hrs	Dhaka	2204	2204	0	Mymensingh	563	563	0											
04.	Minimum Generation (Generation end)	:	4434.00	MW,	at =	5:00 hrs	Chattogram	725	725	0	Sylhet	296	296	0											
05.	Day-peak Generation (Generation end)	:	5661.60	MW,	at =	12:00 hrs	Khulna	940	940	0	Barishal	188	188	0											
06.	Evening-peak Generation (Generation end)	:	7257.00	MW,	at =	19:00 hrs	Rajshahi	751	751	0	Rangpur	519	519	0											
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Cumilla	629	629	0	Total	6815	6815	0											
08.	Generation shortfall at evening peak due to :						12.	Fuel cost :	(a) Gas = 80681180 Taka	(c) Coal = 24742087 Taka															
	a) Gas limitation	:	1823	MW																					
	b) Low water level in Kaptai lake	:	190	MW																					
	c) Plants under shut down/ maintenance	:	85	MW																					
09.	Total Energy (Generation + India Import)	:	133.07	MKWh																					
	By Gas =	110.156	MKWh	By Oil =	4.387	MKWh	13.	Maximum Temperature in Dhaka was : 24.7° C																	
	By Coal =	5.410	MKWh	By Hydro =	0.768	MKWh	14.	Export through East-West interconnections :																	
	By Solar=	0.133	MKWh																						
10.	Total Gas Supplied	:	893.09	MMCFD																					
	Energy : 6.7580 MKWh																								

(C) Forecast of 30.12.18 (Today) Sunday :														
01.	Maximum Demand	:	7500	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	12706	MW	(Generation end)	05.	Total Generation	:	137.52	MKWh				
03.	Maximum Shortage	:	-5206	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	24.7° C					

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation