



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: December, 2018					Day : Monday				Date : 31.12.18			
Probable Maximum Demand : 7800 MW					Probable Maximum Generation : 12065 MW							
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 98.58 ft				Today = 98.53 ft			
									Rule Curve = 103.10 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.12.18 (Yesterday)		31.12.18 (Today)		30.12.18 (Yesterday)		31.12.18 (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	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	Under Maintenance	04.01.19
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	0	0	0	0		Repowering	
	(e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		On Test	
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	200	300	350	350		Under Maintenance	03.01.19
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	42	100	100			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	0	0			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Low Demand	
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	248	301	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	300	400	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	345	355	412	412			
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	34	62	40	100			
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0			
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	0	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 (Orion)	HFO (IPP)	12x8.924	102	102	0	24	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	16	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	36	43	58	58			
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	8	8	33	33			
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	0	0	0	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	0	43	43			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	0	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	0	0	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	130	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	0	36	36			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	0	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	47	8	46			
Dhaka Zone Total				6034	5798	1206	1717	3449	4080	390	0	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	32	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	Low Demand	
	b) Chattogram ST-Unit -2	Gas (PDB)	1 x 210	210	180	100	120	150	150	60	Low Demand	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	8.6	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	45	50	50			
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Low Demand	
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	40	100	150	150			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225	Low Demand	
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	0	50	50	50			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	90	90			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	0	65	100	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	34	68	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	72	72			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22			
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			0	37	20	30			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	0	90	100			
Chattogram Zone Total				1761	1681	180.6	538	977	977	695	0	
53	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135	Low Demand	
	b) Ashuganj ST-Unit-4	Gas (APSCL)	1 x 150	150	129	80	100	100	100			
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	80	100	100	100			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	3	40	40	40			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	152	198	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	213	279	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	260	260			
58	Ashuganj (Precision)	Gas (RPP)	15'4	55	55	7	5	5	5			
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	0	150	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	5	30	85	85			
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	8	0	0	40			
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	50	100	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	22	180	180			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22			
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	8	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	8	0	33			
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	8	21	22	22			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
**	Tripura	India		160	160	56	96	82	112			
Cumilla Zone Total				2951	2891	682	1093	1854	2157	135	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	96	165	170	170	37	Low Demand	
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	20	0	20			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	79	79	79			
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	0	200	200			
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.2	0	2	0			
Mymensingh Zone Total				530	522	104.2	264	451	469	37	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.12.18 (Yesterday)		31.12.18 (Today)		30.12.18 (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	20	20	57	57				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	40	20	63	63				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	0	0	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	0	0	21	21				
82	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	0	0	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	54	68	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	141	147	225	225				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	40	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	20	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	0	140	140				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20				
90	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	2	25	50	50				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	0	10	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	0	0	0	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	300	330	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	575	681	1354	1379	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	200	350	410	410				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	0	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	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	32	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	53	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	354	683	443	693				
Khulna Zone Total				2223	2209	554	1158	1213	1629	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	0	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	13	25	25	25				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	184	190	194	194				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	12	98	95	95				
Barishal Zone Total				472	462	209	313	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	34	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	0	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	145	176	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	3	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	5	11	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	34	43	43				
Rajshahi Zone Total				1556	1546	158	332	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	75	72	73	73	13		Coal Shortage	
125	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	150	149	139	139	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	225	221	212	244	138	85		
Sub-total: Plants in operation				17685	17142	3894	6317	10475	12065	2199	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						3635	5896	9777	11261				
Gross Total				17685	17142	3894	6317	10475	12065	2199	85		
(B) Actual data of 30.12.18 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	6317.00	MW, at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	5896.00	MW, at = 19:30 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	6317.00	MW, at = 19:30 hrs		Dhaka	1766	1766	0	Mymensingh	507	507	0
04.	Minimum Generation (Generation end)	:	3690.00	MW, at = 5:00 hrs		Chattogram	584	584	0	Sylhet	258	258	0
05.	Day-peak Generation (Generation end)	:	3893.80	MW, at = 9:00 hrs		Khulna	842	842	0	Barishal	181	181	0
06.	Evening-peak Generation (Generation end)	:	6317.00	MW, at = 19:30 hrs		Rajshahi	697	697	0	Rangpur	468	468	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs		Cumilla	593	593	0	Total	5896	5896	0
08.	Generation shortfall at evening peak due to :					12.	Fuel cost : (a) Gas = 60916972 Taka (c) Coal = 24753781 Taka (b) Oil = 18287230 Taka Total = 103957983 Taka						
	a) Gas limitation	:	919	MW		13.	Maximum Temperature in Dhaka was : 25.8° C						
	b) Low water level in Kaptai lake	:	190	MW		14.	Export through East-West interconnections :						
	c) Plants under shut down/ maintenance	:	85	MW			At evening peak-hour : -400 MW, at 19:30 hrs						
09.	Total Energy (Generation + India Import)	:	105.33	MKWh			Maximum : -480 MW, at 18:30 hrs						
	By Gas = 84.525 MKWH	By Oil = 2.546 MKWh											
	By Coal = 5.390 MKWH	By Hydro = 0.841 MKWh											
	By Solar= 0.088 MKWH												
10.	Total Gas Supplied	:	698.98	MMCFD			Energy : 2.5605 MKWh						
(C) Forecast of 31.12.18 (Today) Monday :													
01.	Maximum Demand	:	7800	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 : 130.06 MKWh							
03.	Maximum Shortage	:	-4265	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 25.7° C							

* Captive Power ** Imported Power
#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZAMAN)
Deputy Secretary, Generation