



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: December, 2018		Day : Thursday		Date : 27.12.18							
Probable Maximum Demand :			8500 MW	Probable Maximum Generation :			12374 MW				
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 98.78 ft	Today = 98.72 ft		Rule Curve = 103.50 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Deraled/ Present Capacity (MW)	26.12.18 (Yesterday)		27.12.18 (Today)		26.12.18 (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		
(A) Plants in operation:											
1	a) Ghorasal ST-Unit -1	Gas (PDB)	1 x 55	55	40	38	5	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	0	0	0	0		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	380	280	350	350		
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	102	101	101	101		
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	83	80	80		
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	338	367	360	360		
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	450	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	0	360	412	412		
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	145	198	100	198		
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	225	230	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	48	100	100		
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	40	30	55	55		
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100		
21	Gaganraj (Oron)	HFO (IPP)	12x8.924	102	102	68	40	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	54	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	32	33	33	33		
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	8	43	43	43		
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	118	149		
28	Kathpott 52 MW	HFO (IPP)	7x7.90	51	51	6	47	47	47		
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	55	54	54		
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	158	300	300		
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	15	50	130	130		
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300		
33	Bramhangaoan 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	18	56	55	55		
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	46	8	46		
Dhaka Zone Total				6034	5798	2000	2737	4092	4479	390	0
38	Kaptai Hydro Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	32	32	32	62	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	60	Gas Shortage
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	16	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	25	50	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	100	100	110	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	50	50	50		
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	50	90	90		
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	92	92	100	100		
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	53	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	22	23	22	22		
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			3	24	17	24		
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	12	90	100		
Chattogram Zone Total				1761	1681	470.2	631	866	913	703	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	40	40		
55	Ashuganj CCPP 225 MW	Gas (APSCl)	1x142+1x75	221	221	184	184	221	221		
56	Ashuganj CCPP(South)	Gas (APSCl)	1x360	360	360	257	300	360	360		
57	Ashuganj CCPP(North)	Gas (APSCl)	1x361	360	360	260	260	260	260		
58	Ashuganj (Precision)	Gas (RPP)	15x4	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)	20x9.73+1x16	195	195	8	8	8	8		
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	42	51	51		
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	150	150	150		
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	30	85	85	85		
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	9	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	51	150	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	0	22	22	22		
72	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+1x1.05	200	200	0	0	0	200		
**	Tripura	India		160	160	96	118	88	114		
Cumilla Zone Total				2951	2891	1347	1698	1770	2121	135	0
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	154	154	157	157	48	Gas Shortage
74	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	20	20		
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	35	57	80	80		
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	100	200	200		
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.8	0	2	0		
Mymensingh Zone Total				530	522	214.8	331	459	457	48	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.12.18 (Yesterday)		27.12.18 (Today)		26.12.18 (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 CAPP-1	Gas (PDB)	2x32+1x33	97	70	57	57	57	57			
79	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	63	63	63	63			
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	53	53	51	51			
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	21	21	40	40			
82	Kushiera 163 MW CAPP	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	51	69	66	66			
85	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	214	219	225	225			
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	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	78	78	150	150			
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	20	20	20			
90	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	45	47	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	16	16	25	25			
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	230	15	341	341			
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test
Sylhet Zone Total				1594	1549	889	813	1398	1408	0	0	
94	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46			
95	Bheramara 360 MW CAPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	433	370	410	410			
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	30	0	40			
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	45	0	80			
98	Khulna CAPP	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	16	40	40	40			
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	17	105	105	105			
**	Bheramara HVDC Interconnector	India		1000	1000	537	689	553	701			
Khulna Zone Total				2223	2209	1003	1311	1323	1637	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	48	110	110			
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	12	19	20	20			
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	124	139	144	170			
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	51	96	95	95			
Barishal Zone Total				472	462	187	302	369	425	0	0	
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	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	9	51	90	100			
113	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	50	50			
114	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50			
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	38	0	38			
116	Sirajganj CAPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	0	0	210			Gas Shortage
117	Sirajganj CAPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	156	181	220	220			
118	Sirajganj CAPP-3 GT	Gas (NWPGLCL)	1x141	141	141	0	0	0	141			Gas Shortage
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	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	5	5	5	5			
122	Lalapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11			
123	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	8	43	43	43			
Rajshahi Zone Total				1556	1546	205	401	541	681	804	0	
124	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85			Under Overhauling 30.12.18
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	68	71	71	14			Coal Shortage
125	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	149	149	150	150			Coal Shortage
126	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	17			
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	15	0	15			
Rangpur Zone Total				564	484	217	252	221	253	139	85	
Sub-total: Plants in operation				17685	17142	6533	8476	11039	12374	2219	85	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6116	7935	10334	11584			
Gross Total				17685	17142	6533	8476	11039	12374	2219	85	

(B) Actual data of 26.12.18 (Yesterday) Wednesday :											
01.	Max. Demand (Generation end)	: 8476.00 MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 7935.00 MW, at = 19:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	: 8476.00 MW, at = 19:00 hrs		Dhaka	2878	2878	0	Mymensingh	572	572	0
04.	Minimum Generation (Generation end)	: 4780.00 MW, at = 5:00 hrs		Chattogram	941	941	0	Sylhet	312	312	0
05.	Day-peak Generation (Generation end)	: 6533.00 MW, at = 12:00 hrs		Khulna	993	993	0	Barishal	197	197	0
06.	Evening-peak Generation (Generation end)	: 8476.00 MW, at = 19:00 hrs		Rajshahi	830	830	0	Rangpur	549	549	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs		Cumilla	663	663	0	Total	7935	7935	0
08.	Generation shortfall at evening peak due to :			12.	Fuel cost : (a) Gas = 89145670 Taka (c) Coal = 24361510 Taka						
	a) Gas limitation	: 1882 MW			(b) Oil = 87565321 Taka			Total = 201072500 Taka			
	b) Low water level in Kaptai lake	: 198 MW									
	c) Plants under shut down/ maintenance	: 85 MW									
09.	Total Energy (Generation + India Import)	: 154.19 MKWh	13.	Maximum Temperature in Dhaka was : 24.9° C							
	By Gas = 120.669 MKWh	By Oil = 12.865 MKWh	14.	Export through East-West interconnections :							
	By Coal = 5.346 MKWh	By Hydro = 0.710 MKWh		At evening peak-hour : -570 MW, at 19:00 hrs							
	By Solar = 0.145 MKWh			Maximum : -580 MW, at 19:30 hrs							
10.	Total Gas Supplied	: 1058.17 MMCFD		Energy : 3.1460 MKWh							
(C) Forecast of 27.12.18 (Today) Thursday :											
01.	Maximum Demand	: 8500 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 12374 MW (Generation end)	05.	Total Generation : 154.62 MKWh							
03.	Maximum Shortage	: -3874 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 23.1° C							

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

(MONIRUZZAMAN)
Deputy Secretary, Generation