



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month: December, 2018			Day: Sunday				Date: 02.12.18				
Probable Maximum Demand : 8700 MW			Probable Maximum Generation : 11974 MW								
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 100.32 ft		Today = 100.20 ft		Rule Curve = 106.10 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.12.18 (Yesterday)		02.12.18 (Today)		01.12.18 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :	Probable start-up date			
(A) Plants in operation:											
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	37	37	37	37		
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	30	30	30	30		
	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	100	100		On Test
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage
2	Ghorasal CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	320	365	365		
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	12	101	100	100		
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	81	78	78		
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 CCGP	Gas (IPP)	1x235+1x125	360	360	359	321	360	360		
9	Meghnaghat CCGP	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 CCGP	Gas (EGCB)	1x273+1x139	412	412	359	355	380	360		
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	101	102	100	100		
13	Shiddirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	150	228	225	225		
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	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	0	0		
17	Meghnaghat CCGP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0		
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	7	100	100		
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	70	100	100		
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	40	15	55	55		
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	10	100	100		
22	Gagnagar (Oron)	HFO (IPP)	12x8.924	102	102	7	102	102	102		
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	0	22		
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	40	40	49	49		
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33		
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	8	25	25	25		
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	33	43	43	43		
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	10	133	133		
29	Kathpott 52 MW	HFO (IPP)	7x7.90	51	51	0	27	43	48		
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54		
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	137	300	300		
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	14	47	133	133		
33	APR Energy, Keranigonj	HSD (IPP)	256x1.4	300	300	0	0	300	300		
34	Bramhangan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100		
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100		
36	Southern Power	HFO (IPP)	3x19.3	55	55	0	17	55	55		
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	55	55	55		
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	83	83	83		
Dhaka Zone Total			6084	5848	2079	2799	4398	4505	580	0	
39	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	40	102	102	190	Water Level Low
40	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	150	160	150	150	20	Gas Shortage
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	0	0	100	100	180	Gas Shortage
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25		
42	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	18.2	0	20	0		
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	12	50	50		
44	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	130	130	130	130		
46	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0		
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	30	40	40	40		
48	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	0	50	90	90		
	Julda 100 MW Unit-3	HFO (IPP)				0	0	100	100		On Test
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	17	53	51	51		
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	72	80	80		
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22		
*	Malanchara, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			2	25	12	15		
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	6	55	92	92		
Chattogram Zone Total			1661	1581	415.2	684	1064	1047	430	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	120	120	120	120		
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	110	80	80	90		
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	135	110	90	100		
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	40	40	40		
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	195	187	221	221		
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	305	309	360	360		
57	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	0	0	260	260	360	Was Under Maintenance
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	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	45	25	8	25		
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51		
	Midland 150MW	HFO (IPP)				0	0	0	0		On Test
62	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	10	85	85	85		
63	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50		
64	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100		
	Chandpur Desh 200MW	HFO (IPP)				0	172	200	200		On Test
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22		
66	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11		
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	33	33	33		
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52		
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	9	22	22	22		
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200		
**	Tripura	India		160	160	78	112	94	120		
Cumilla Zone Total			2601	2541	1235	1486	2059	2172	0	360	
71	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	205	209	210	210		
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22		
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	79	79	79		
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	120	200	200		
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0		
Mymensingh Zone Total			530	522	236	430	513	511	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.12.18 (Yesterday)		02.12.18 (Today)		01.12.18 (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)		
76	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	26	26	26	26				
77	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	63	62	76	76				
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	50	51	51				
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	20	50	44	44				
80	Kushiera 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	163	163	163				
81	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	2	11	8	11				
82	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	64	66	66	66				
83	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	202	200	250	250				
84	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	50	86	86				
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	10	49	50	50				
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	80	130	79	130				
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	20	20	20				
88	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	12	47	50	50				
89	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
90	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	23	25	8	25				
91	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	0	0	0	341	Under Maintenance	26.12.18	
	Bibiana- 3	Gas (PDB)				0	0	0	0		On Test		
Sylhet Zone Total				1594	1549	647	959	987	1058	0	341		
92	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
93	Bheramara 360 MW CAPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	250	302	310	310				
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	4	0	30				
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	5	30	0	75				
96	Khulna CAPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	0				
97	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	16	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	100	100				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
100	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	91	105	105			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	401	460	403	463				
Khulna Zone Total				2223	2209	656	943	1073	1268	0	0		
101	Barisal GT :Unit- 1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
102	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	48	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	26	26	26				
104	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	173	185	187	187				
105	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	12	76	95	95				
Barishal Zone Total				472	462	202	335	418	448	0	0		
106 a)	Baghabari GT	Gas (PDB)	1 x 71	71	71	60	70	70	70				
b)	Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
107	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	50				
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	50				
109	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	9	70	93	93				
111	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	7	0	0	40				
112	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	8	0	50	50				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	34	0	39				
114	Sirajganj CAPP 1	Gas (NWP/GCL)	1x150+1x75	210	210	125	125	125	125				
115	Sirajganj CAPP 2	HSD (NWP/GCL)	1x150 + 1x75	220	220	125	125	125	125				
116	Sirajganj CAPP-3 GT	Gas (NWP/GCL)	1x141	141	141	0	0	0	0				
117	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0				
118	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
119	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	5	0	5				
120	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8				
121	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52				
Rajshahi Zone Total				1556	1546	466	561	595	779	100	0		
122 a)	Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.12.18
b)	Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
123	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	150	150	150	150	124		Coal Shortage	
124	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18				
125	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18				
Rangpur Zone Total				564	484	150	150	150	186	209	85		
Sub-total: Plants in operation				17285	16742	6086	8347	11257	11974	1319	786		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5903	7969	10917	11613				
(B) List of Contract Expired Power Plants :													
126	Khulna (Agreko) 55MW	HSD (QRPP)	71x0.85	55	0	0	0	0	0			Contract expired	
Sub-total: Plants under long term maintenance				55	0	0	0	0	0	0	0		
Gross Total				17340	16742	6086	8347	11257	11974	1319	786		
(C) Actual data of 01.12.18 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	8347.00 MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	7969.00 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)	:	8217.00 MW, at = 19:00 hrs		Dhaka	2994	2994	0	Mymensingh	564	564	0	
04.	Minimum Generation (Generation end)	:	4685.00 MW, at = 5:00 hrs		Chattogram	964	964	0	Sylhet	309	309	0	
05.	Day-peak Generation (Generation end)	:	6086.20 MW, at = 12:00 hrs		Khulna	946	946	0	Barishal	205	205	0	
06.	Evening-peak Generation (Generation end)	:	8347.00 MW, at = 19:00 hrs		Rajshahi	789	789	0	Rangpur	522	522	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:00 hrs		Cumilla	676	676	0	Total	7969	7969	0	
08.	Generation shortfall at evening peak due to :			12.	Fuel cost :	(a) Gas = 90355991 Taka	(c) Coal = 14118722 Taka						
a)	Gas limitation	:	920 MW		(b) Oil = 83709047 Taka	Total = 188183760 Taka							
b)	Low water level in Kaptai lake	:	190 MW										
c)	Plants under shut down/ maintenance	:	786 MW										
09.	Total Energy (Generation + India Import)	:	147.90 MKWh	13.	Maximum Temperature in Dhaka was : 28.4° C								
	By Gas = 120.718 MKWh	By Oil = 10.903 MKWh		14.	Export through East-West interconnections :								
	By Coal = 3.658 MKWh	By Hydro = 0.894 MKWh			At evening peak-hour	:	-680 MW, at 19:00 hrs						
	By Solar = 1.286 MKWh				Maximum	:	-730 MW, at 19:30 hrs						
10.	Total Gas Supplied	:	1111.69 MMCFD		Energy	:	4.2310 MKWh						
(D) Forecast of 02.12.18 (Today) Sunday :													
01.	Maximum Demand	:	8700 MW (Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	11974 MW (Generation end)	05.	Total Generation	:	156.60 MKWh						
03.	Maximum Shortage	:	-3274 MW (Generation end)	06.	Probable Max. Temperature in Dhaka	:	26.6° C						

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

(MONIRUZAMAN)
Deputy Secretary, Generation