



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month: November, 2018				Day : Saturday						Date : 17.11.18		
Probable Maximum Demand : 9000 MW				Probable Maximum Generation : 11478 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 101.36 ft		Today = 101.30 ft		Rule Curve = 107.70 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.11.18 (Yesterday)		17.11.18 (Today)		16.11.18 (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
(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	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	243	248	255	255		On Test	
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage	
2	Ghorasal CAPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	260	230	360	360			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0			
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	Gas Shortage	
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	0	0	40	Gas Shortage	
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110			
8	Horipur Power CAPP	Gas (IPP)	1x235+1x125	360	360	313	353	360	360			
9	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	420	450	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage	
11	Horipur 412MW CAPP	Gas (EGCB)	1x273+1x139	412	412	114	296	0	0			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	182	200	200	28	Gas Shortage	
13	Shiddirganj CAPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0	217	Gas Shortage	
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	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	46	46	50	50			
17	Meghnaghat CAPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	15	100	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	30	55	55	55			
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
22	Gagnagar (Oron)	HFO (IPP)	12x8.924	102	102	7	7	102	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	0	22	22			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	10	35	56	56			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25			
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	16	25	25	25			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	34	43	43			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	133	133			
29	Kathpott 52 MW	HFO (IPP)	7x7.90	51	51	0	40	44	44			
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	54	54	54			
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	12	36	300	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	15	15	132	132			
33	APR Energy, Keranigonj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
34	Bramhangaoan 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	55	55	55			
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	56	55	55			
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	2	8	47	47			
Dhaka Zone Total				6084	5848	1550	2302	3870	3970	865	0	
39	Kaptai Hydro Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	70	70	70	110	160	Water Level Low	
40	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	100	120	150	150	60	Gas Shortage	
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	0	25	25			
42	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	20	0	20	0			
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	18	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	110	133	140	40	Gas Shortage	
46	Sikalbaha 225 MW CAPP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	227	200	225	225			
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	0	32	50	50			
48	Juldah 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	0	15	100	100			
	Juldah 100 MW Unit-3	HFO (IPP)				0	7	100	100		On Test	
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	51	51			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	16	80	80			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
*	Malanacha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			28	36	30	35			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	65	100	103			
Chattogram Zone Total				1661	1581	597	762	1206	1241	480	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	80	120	120			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	100	90	100	100			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	80	100	100	120			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	36	40	40			
55	Ashuganj CAPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	222	183	221	221			
56	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	290	276	360	360			
57	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	330	360	0	0			
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	16	16	140	140			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	6	24	51	51			
	Midland 150MW	HFO (IPP)				0	13	0	0		On Test	
62	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	5	85	85	85			
63	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50			
64	Chandpur CAPP	Gas (PDB)	1X106+1x57	163	163	142	142	140	140			
	Chandpur Desh 200MW	HFO (IPP)				0	49	150	150		On Test	
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
66	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	33	33	33			
68	Jangalia (Lakdavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52			
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	21	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	109	128			
Cumilla Zone Total				2601	2541	1444	1663	1966	2055	0	0	
71	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	148	203	200	200			
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	17	20	20			
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	50	77	77			
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	7	200	200			
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.8	0	2	0			
Mymensingh Zone Total				530	522	176.8	277	499	497	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.11.18 (Yesterday)		17.11.18 (Today)		16.11.18 (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)			
76	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	24	27	27	27					
77	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	63	63	63	63					
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	53	51	51					
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	51	44	44					
80	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	163	163	163					
81	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11					
82	Shajbazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	61	66	66	66					
83	Shajbazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0		330	Under Maintenance	19.11.18	
84	Shajbazar (Shajbazar)	Gas (RPP)	32x2.90	86	86	10	86	86	86					
85	Shajbazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	45	42	42					
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	97	80	100	130					
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	20	20	20	20					
88	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	8	49	50	50					
89	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10					
90	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	25	24	25	25					
91	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	320	270	341	341					
Sylhet Zone Total				1594	1549	806	1018	1099	1129	0	330			
92	Bheramara GT-Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	32					
93	Bheramara 360 MW CAPP	Gas (NWPGCL)	1 x 278+1 x 132	410	410	0	0	0	0					
94	Fardpur Peaking	HFO (PDB)	8x6.98	54	54	0	17	0	31					
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	3	60	60					
96	Khulna CAPP	HSD (NWPGCL)	1 x 150+1x75	230	230	0	0	0	0					
97	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	32	99	99					
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	97	97					
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	53	0	105			On Test		
**	Bheramara HVDC Interconnector	India		1000	1000	510	704	568	715					
Khulna Zone Total				2223	2209	510	849	864	1179	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	15	25	25	25					
104	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	91	109	84	84					
105	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	30	95	95	95					
Barishal Zone Total				472	462	136	277	314	344	0	0			
106	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	50	50	50	50	21		Gas Shortage		
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0					
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	55					
109	Ammura	HFO (QRPP)	7x7.79	50	50	0	50	50	50					
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	25	91	91					
111	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	40					
112	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50					
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	40					
114	Sirajganj CAPP 1	Gas (NWPGCL)	1x150+1x75	210	210	0	0	0	0					
115	Sirajganj CAPP 2	HSD (NWPGCL)	1x150+1x75	220	220	196	150	220	220					
116	Sirajganj CAPP-3 GT	Gas (NWPGCL)	1x141	141	141	121	60	141	141					
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 (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	5	5					
120	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11					
121	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	8	52	52					
Rajshahi Zone Total				1556	1546	402	381	692	877	21	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	149	150	150	150		124	Coal Shortage		
124	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	18					
125	Sydepur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18					
Rangpur Zone Total				564	484	149	167	150	186	209	85			
Sub-total: Plants in operation						17285	16742	5771	7696	10660	11478	1575	415	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss								5331	7110	9848	10604			
(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		
Gross Total				17340	16742	5771	7696	10660	11478	1575	415			
(C) Actual data of 16.11.18 (Yesterday) Friday :														
01.	Max. Demand (Generation end)	: 7696.00 MW, at = 19:00 hrs				11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	: 7110.00 MW, at = 19:00 hrs				Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	: 7696.00 MW, at = 19:00 hrs				MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	: 5249.40 MW, at = 9:00 hrs				Dhaka	2626	2626	0	Mymensingh	537	537	0	
05.	Day-peak Generation (Generation end)	: 5770.80 MW, at = 12:00 hrs				Chattogram	776	776	0	Sylhet	288	288	0	
06.	Evening-peak Generation (Generation end)	: 7696.00 MW, at = 19:00 hrs				Khulna	873	873	0	Barishal	172	172	0	
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs				Rajshahi	741	741	0	Rangpur	446	446	0	
08.	Generation shortfall at evening peak due to :					Cumilla	651	651	0	Total	7110	7110	0	
	a) Gas limitation	: 1206 MW				12. Fuel cost : (a) Gas = 87055522 Taka		(c) Coal = 14118336 Taka						
	b) Low water level in Kaptai lake	: 160 MW				(b) Oil = 65494539 Taka		Total = 16668397 Taka						
	c) Plants under shut down/ maintenance	: 415 MW				13. Maximum Temperature in Dhaka was : 32.0° C								
09.	Total Energy (Generation + India Import)	: 148.88 MKWh				14. Export through East-West interconnections :								
	By Gas = 119.939 MKWh	By Oil = 8.244 MKWh				At evening peak-hour : -780 MW, at 19:00 hrs								
	By Coal = 3.658 MKWh	By Hydro = 1.628 MKWh				Maximum : -810 MW, at 20:00 hrs								
	By Solar = 0.146 MKWh													
10.	Total Gas Supplied	: 0.00 MMCFD				Energy : 5.8515 MKWh								
(D) Forecast of 17.11.18 (Today) Saturday :														
01.	Maximum Demand	: 9000 MW (Generation end)				04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	: 11478 MW (Generation end)				05. Total Generation : 174.11 MKWh								
03.	Maximum Shortage	: -2478 MW (Generation end)				06. Probable Max. Temperature in Dhaka : 31.4° C								

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation