



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month: November, 2018				Day : Sunday				Date : 04.11.18				
Probable Maximum Demand : 10400 MW				Probable Maximum Generation : 11328 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 102.45 ft		Today = 102.37 ft		Rule Curve = 108.70 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.11.18 (Yesterday)		04.11.18 (Today)		03.11.18 (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)		
(A) Plants in operation:												
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	0	35	35	35			
	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	249	247	260	260		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	300	350	365	365			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	92	93	0	0			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	77	0	0			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0			
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	20	20	0	0	20	Gas Shortage	
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110			
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	352	357	360	360			
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	0	0	0	0		450	Under Maintenance 05.11.18
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	0	0	0	0		412	Under Maintenance 25.11.18
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	101	62	60	60			
13	Siddhirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	217	220	217	217			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	30	100	100			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	21	50	50			
17	Meghnaghat CCGP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	91	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	28	100	100	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	60	100	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	67	102	102	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	10	19	22	22			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	57	57	57			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33			
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	21	25	25	25			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	36	43	43	43			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	32	98	149	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	0	0	40			
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54			
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	43	255	300	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	115	126	126	126			
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	23	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	11	0	0	100			
36	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55			
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	56	55	55			
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	47	50	50			
Dhaka Zone Total				6084	5848	2155	2858	3413	3653	495	862	
39	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	67	70	70	70	160	Water Level Low	
40	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	160	180	0	0			
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25			
42	Teknaf Solaratech 20MW	Solar (IPP)	1x20	20	20	8.4	0	20	0			
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	31	45	47	47			
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	120	0	0			
46	Sikalbaha 225 MW CCGP (Dual Fuel)	GAS (PDB)	1 x 150+1 x 75	225	225	204	229	225	225			
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	50	50	50	50			
48	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	50	80	100	100			
	Juldah 100 MW Unit-3	HFO (IPP)				12	0	0	0			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	50	50	50			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	80	80			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			6	9	30	30			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	51	105	105	105			
Chattogram Zone Total				1661	1581	814.4	985	824	804	380	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	120	100	100	100			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	0	0	0	0			
	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	41	41	41	41			
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1x75	221	221	178	182	221	221			
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	305	305	360	360			
57	Ashuganj CCGP(North)	Gas (APSCL)	1x360	360	360	360	360	360	360			
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	16	16			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	22	51	51	51			
	Midland 150MW	HFO (IPP)				3	7	0	0			
62	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	42	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	0	0	0			
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	0	0			
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	33	33	33	33			
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	52	52	52			
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	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	118	142	106	138			
Cumilla Zone Total				2601	2541	1476	1597	1848	1930	0	0	
71	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	135	104	27	104	98	Gas Shortage	
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	7	80	83	83			
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	8	200	200	200			
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	2	0			
Mymensingh Zone Total				530	522	174.3	406	334	409	98	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.11.18 (Yesterday)		04.11.18 (Today)		03.11.18 (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 CCPP-1	Gas (PDB)	2x32+1x33	97	70	54	54	55	55				
77	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	54	63	63	63				
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	24	53	50	50				
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	50	50				
80	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	100	163	163				
81	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
82	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	63	40	66	66				
83	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	260	254	254	254				
84	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	20	89	86	86				
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	46	46	46				
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	98	100	130	130				
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	19				
88	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	42	46	48	48				
89	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	8	8	10	10				
90	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	6	16	25	25				
91	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	300	260	341	341				
Sylhet Zone Total				1594	1549	1191	1190	1398	1417	0	0		
92	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
93	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	350	422	410	410				
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	11	0	40				
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	65	0	80				
96	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
97	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	16	66	99	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	50	0	100				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	40	40	40				
100	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	35	105	105	105			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	696	688	708	708				
Khulna Zone Total				2223	2209	1121	1447	1362	1628	0	0		
101	Barsal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
102	Summit Barsal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	110	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	13	21	20	20				
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	182	154	159	159				
105	Bhola Agreko 95 MW	Gas (QRPP)		95	95	11	51	95	95				
Barishal Zone Total				472	462	222	336	384	414	0	0		
106	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	Under Maintenance	12.11.18
107	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	0	50				
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	50				
109	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	100	100	100				
111	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	42				
112	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	43	43	43				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	38	0	43				
114	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	183	220	210	210				
115	Sirajganj CCPP 2	HSD (NWPGL)	1x150+1x75	220	220	161	220	220	220				
116	Sirajganj CCPP-3 GT	Gas (NWPGL)	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	3	5	5	5				
120	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	0	0	8	8				
121	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	25	43	43	43				
Rajshahi Zone Total				1556	1546	406	791	701	886	71	100		
122	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.11.18
	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	209	150	150	150	124		Coal Shortage	
124	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	17				
125	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	20				
Rangpur Zone Total				564	484	209	150	150	187	209	85		
Sub-total: Plants in operation				17285	16742	7769	9760	10414	11328	1253	1047		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7329	9207	9824	10686				
(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	7769	9760	10414	11328	1253	1047		
(C) Actual data of 03.11.18 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	9760.00 MW, at = 19:00 hrs	11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	9207.00 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)	:	9760.00 MW, at = 19:00 hrs	Dhaka	3656	3656	0	Mymensingh	622	622	0		
04.	Minimum Generation (Generation end)	:	6034.00 MW, at = 4:00 hrs	Chattogram	987	987	0	Sylhet	366	366	0		
05.	Day-peak Generation (Generation end)	:	7768.70 MW, at = 12:00 hrs	Khulna	1049	1049	0	Barishal	224	224	0		
06.	Evening-peak Generation (Generation end)	:	9760.00 MW, at = 19:00 hrs	Rajshahi	937	937	0	Rangpur	545	545	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:00 hrs	Cumilla	821	821	0	Total	9207	9207	0		
08.	Generation shortfall at evening peak due to :			12.	Fuel cost : (a) Gas = 102049221 Taka (c) Coal = 15132358 Taka				Total = 291843299 Taka				
	a) Gas limitation	:	884 MW		(b) Oil = 174661721 Taka								
	b) Low water level in Kaptai lake	:	160 MW	13.	Maximum Temperature in Dhaka was : 32.8° C								
	c) Plants under shut down/ maintenance	:	1047 MW	14.	Export through East-West interconnections : At evening peak-hour : -320 MW, at 19:00 hrs Maximum : -380 MW, at 18:30 hrs								
09.	Total Energy (Generation + India Import)	:	184.92 MKWh										
	By Gas = 136.365 MKWh		By Oil = 25.074 MKWh										
	By Coal = 3.920 MKWh		By Hydro = 1.524 MKWh										
	By Solar= 0.142 MKWh												
10.	Total Gas Supplied	:	1135.15 MMCFD	Energy : 1.5575 MKWh									
(D) Forecast of 04.11.18 (Today) Sunday :													
01.	Maximum Demand	:	10400 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	:	11328 MW (Generation end)	05.	Total Generation : 197.05 MKWh								
03.	Maximum Shortage	:	-928 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 31.7° C								
* Captive Power ** Imported Power													

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

(MONIRUZZAMAN)
Deputy Secretary, Generation