



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month: November, 2018				Day : Monday				Date : 05.11.18				
Probable Maximum Demand : 10500 MW				Probable Maximum Generation : 10969 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 102.37 ft				Today = 102.27 ft				
				Rule Curve = 108.60 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.11.18 (Yesterday)		05.11.18 (Today)		04.11.18 (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	35	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	250	251	257	257		On Test	
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage	
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	200	215	200	200	150	Gas Shortage	
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			
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	110	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	355	352	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	0	0	0	0	450	Under Maintenance	07.11.18
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	0	0	0	412	Under Maintenance	25.11.18
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	30	30	30			
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	216	120	217	217			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	85	100	100			
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	7	90	100	100			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	21	45	50	50			
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	100	97	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	97	100	100	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	42	55	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	30	100	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	102	102	102	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	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	33	33	33	33			
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	41	43	43	43			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	20	133	149	149			
29	Kathpottii 52 MW	HFO (IPP)	7x7.90	51	51	0	0	0	39			
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	263	273	300	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	92	125	126	126			
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	264	300	300			
34	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	40	0	100			
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	100	100			
36	Southern Power	HFO (IPP)	3x19.3	55	55	51	55	55	55			
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	55	55	55			
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	47	46	47	47			
Dhaka Zone Total				6084	5848	2239	3089	3312	3451	665	862	
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	100	115	115	115	115	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	0	0	0	0	180	Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25			
42	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	17.7	0	20	0			
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	45	46	46	46			
44	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage	
45	Shikalbaha Peaking GT	HSD (PDB)	1 x 150	150	150	0	145	130	130			
46	Sikalbaha 225 MW CCPP (Dual Fuel)	GAS (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225	Gas Shortage	
47	Shikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	32	50	50			
48	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	80	70	100	100			
	Juldah 100 MW Unit-3	HFO (IPP)				28	106	105	105			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	17	51	17	51			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	73	65	72	72			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	4	12	12			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	105	105	105	105			
Chattogram Zone Total				1661	1581	554.7	786	819	833	740	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	80	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	37	41	41	41			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	187	210	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	316	305	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	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	8	8	8	8			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	51	51	51			
	Midland 150MW	HFO (IPP)				0	2	0	0			
62	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	85	85	85			
63	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	47	0	47			
64	Chandpur CCPP	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	11	8	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	42	25	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	50	200	200			
**	Tripura	India		160	160	102	148	106	137			
Cumilla Zone Total				2601	2541	1528	1665	1840	1918	0	0	
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	6	0	0	0	202	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	78	77	76	76			
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	100	200	200	200			
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.8	0	2	0			
Mymensingh Zone Total				530	522	206.8	299	300	298	202	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.11.18 (Yesterday)		05.11.18 (Today)		04.11.18 (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	55	55	56	56				
77	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	63	63	63	63				
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	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	163	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	59	66	66				
83	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	258	242	254	254				
84	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	89	89	86	86				
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	43	44	45	45				
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	131	130	130	130				
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20				
88	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	46	48	48	48				
89	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	8	10	10	10				
90	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	17	25	25				
91	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	295	341	341				
Sylhet Zone Total				1594	1549	1327	1329	1418	1418	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	330	330	330	330				
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	13	0	40				
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	40	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	7	77	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	96	0	100				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
100	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	91	105	105	105			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	690	685	703	703				
Khulna Zone Total				2223	2209	1158	1386	1293	1543	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	32	110	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	13	21	21	21				
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	182	155	180	180				
105	Bhola Agreko 95 MW	Gas (QRPP)		95	95	41	98	95	95				
Barishal Zone Total				472	462	268	384	406	436	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	43	0	43				
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	48	0	48				
109	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	66	93	100				
111	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	46	0	46				
112	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	43	43	43				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	37	0	37				
114	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	162	184	210	210				
115	Sirajganj CCPP 2	HSD (NWPGL)	1x150+1x75	220	220	185	179	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	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	43	43	52	52				
Rajshahi Zone Total				1556	1546	475	777	706	887	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	149	150	150	150	124		Coal Shortage	
124	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	17				
125	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	18				
Rangpur Zone Total				564	484	149	185	150	185	209	85		
Sub-total: Plants in operation				17285	16742	7906	9900	10244	10969	1887	1047		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7406	9274	9596	10275				
(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	7906	9900	10244	10969	1887	1047		
(C) Actual data of 04.11.18 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	9900.00	MW, at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	9274.00	MW, at =	19:00 hrs		Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9900.00	MW, at =	19:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	6496.00	MW, at =	5:00 hrs	Dhaka	3776	3776	0	Mymensingh	541	541	0
05.	Day-peak Generation (Generation end)	:	7905.50	MW, at =	12:00 hrs	Chattogram	985	985	0	Sylhet	328	328	0
06.	Evening-peak Generation (Generation end)	:	9900.00	MW, at =	19:00 hrs	Khulna	1108	1108	0	Barishal	216	216	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:00 hrs	Rajshahi	954	954	0	Rangpur	543	543	0
08.	Generation shortfall at evening peak due to :					Cumilla	823	823	0	Total	9274	9274	0
	a) Gas limitation	:	1563	MW		12.	Fuel cost : (a) Gas = 87917550 Taka (c) Coal = 14135320 Taka						
	b) Low water level in Kaptai lake	:	115	MW			(b) Oil = 326252588 Taka Total = 428305458 Taka						
	c) Plants under shut down/ maintenance	:	1047	MW		13.	Maximum Temperature in Dhaka was : 32.0° C						
09.	Total Energy (Generation + India Import)	:	187.66	MKWh		14.	Export through East-West interconnections :						
	By Gas = 120.545 MKWH			By Oil = 42.701 MKWh			At evening peak-hour : -340 MW, at 19:00 hrs						
	By Coal = 3.662 MKWH			By Hydro = 2.173 MKWh			Maximum : -340 MW, at 19:00 hrs						
	By Solar= 0.145 MKWH												
10.	Total Gas Supplied	:	1010.62	MMCFD			Energy : 1.4700 MKWh						
(D) Forecast of 05.11.18 (Today) Monday :													
01.	Maximum Demand	:	10500	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	10969	MW	(Generation end)	05.	Total Generation : 199.03 MKWh						
03.	Maximum Shortage	:	-469	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 32.1° C						
* Captive Power ** Imported Power													

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

(MONIRUZZAMAN)
Deputy Secretary, Generation