



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: November, 2018				Day : Monday				Date : 12.11.18				
Probable Maximum Demand : 9200 MW				Probable Maximum Generation : 10758 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 101.78 ft	Today = 101.73 ft	Rule Curve = 108.00 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.11.18 (Yesterday)		12.11.18 (Today)		11.11.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date		
											Day	Evening
(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	255	254	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 CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	320	365	365			
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	110	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	331	359	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	340	300	225	225			
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
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	187	97	105	105	113		Gas Shortage
13	Siddhirganj CCPP-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	53	100	100			
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	7	50	100	100			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	43	10	46	46			
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	85	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	48	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	0	100	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	48	102	102	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	22	22			
24	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	46	50	57	57			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	0	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	34	43	43	43			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	133	133	133			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	32	39	39	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	12	275	200	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	63	133	133	133			
33	APR Energy, Keraniganj	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	17	55	55	55			
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	56	55	55	55			
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	47	47	47	47			
Dhaka Zone Total				6084	5848	2185	2991	3489	3689	950	412	
39	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	69	70	110	110	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	0	0	0	0	180		Gas Shortage
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25			
42	Teknaf Solaratech 20MW	Solar (IPP)	1x20	20	20	20	0	20	0			
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	49	50	50	50			
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	0	0	0	150		Gas Shortage
46	Sikalbaha 225 MW CCPP (Dual Fuel)	GAS (PDB)	1 x 150+1 x 75	225	225	202	200	225	225	25		Gas Shortage
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	40	40	40			
48	Julda (Acomr)	HFO (QRPP)	8x13.45	100	100	70	68	100	100			
	Julda 100 MW Unit-3	HFO (IPP)				100	102	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	65	70	70			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	20	20	20			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	55	75	105	105			
Chattogram Zone Total				1661	1581	654	788	938	918	735	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	0	0	0	0			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	135	115	115	115			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	40	40	40			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	184	168	221	221			
56	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	301	272	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	95	240	250	360			
58	Ashuganj (Precision)	Gas (RPP)	15'4	55	55	5	10	48	48			
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	10	5	5			
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	16	16	70	70			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51			
	Midland 150MW	HFO (IPP)				7	7	0	0			On Test
62	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	50	85	85	85			
63	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	50	0	50			
64	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100			
	Chandpur Desh 200MW	HFO (IPP)				73	183	200	200			On Test
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	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	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	10	15	22	22			
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200			
**	Tripura	India		160	160	90	120	103	137			
Cumilla Zone Total				2601	2541	1350	1720	2008	2302	0	0	
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	89	69	71	71	133		Gas Shortage
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20			
73	Jamulpur IPP	HFO (IPP)	12x8.924	95	95	78	78	80	80			
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	55	185	200	200			
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0			
Mymensingh Zone Total				530	522	244.1	352	373	371	133	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.11.18 (Yesterday)		12.11.18 (Today)		11.11.18 (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	55	55				
77	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	63	63	63	63				
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	44	53	51	51				
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	51	51	44	44				
80	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	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	30	55	66	66				
83	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0	330	Under Maintenance	15.11.18	
84	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	20	86	86	86				
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	38	40	45	45				
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	80	127	130	130				
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	20	20				
88	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	45	48	48	48				
89	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	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	0	75	341	341				
Sylhet Zone Total				1594	1549	599	880	1158	1158	0	330		
92	Bheramara GT- Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	32	0	32				
93	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0				
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	23	0	23				
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	6	50	75	75				
96	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
97	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	12	115	99	99				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	96	96	96				
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	53	105	105	105		On Test		
**	Bheramara HVDC Interconnector	India		1000	1000	558	549	558	558				
Khulna Zone Total				2223	2209	669	1010	973	1028	0	0		
101	Barsal GT -Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	22	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	15	25	25	25				
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	176	0	68	90				
105	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	96	97	95	95				
Barishal Zone Total				472	462	303	254	298	350	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	80	0	80	80				
107	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	0	50				
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	48	0	55				
109	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	30	90	90	90				
111	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	32	40	40				
112	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	8	35	43	43				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	38	0	38				
114	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0				
115	Sirajganj CCPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	193	146	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	52	52	52	52				
Rajshahi Zone Total				1556	1546	448	579	613	756	71	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	0	0	17				
125	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	19				
Rangpur Zone Total				564	484	149	150	150	186	209	85		
Sub-total: Plants in operation				17285	16742	6601	8724	10000	10758	2098	827		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6181	8169	9364	10074				
(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	6601	8724	10000	10758	2098	827		
(C) Actual data of 11.11.18 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	8724.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8169.00	MW, at = 19:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8724.00	MW, at = 19:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5425.00	MW, at = 5:00 hrs	Dhaka	3132	3132	0	Mymensingh	563	563	0	
05.	Day-peak Generation (Generation end)	:	6601.10	MW, at = 11:00 hrs	Chattogram	919	919	0	Sylhet	321	321	0	
06.	Evening-peak Generation (Generation end)	:	8724.00	MW, at = 19:00 hrs	Khulna	984	984	0	Barishal	202	202	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs	Rajshahi	837	837	0	Rangpur	506	506	0	
08.	Generation shortfall at evening peak due to :				Cumilla	705	705	0	Total	8169	8169	0	
	a) Gas limitation	:	1729	MW	12.	Fuel cost : (a) Gas = 75608450 Taka (c) Coal = 14160796 Taka							
	b) Low water level in Kaptai lake	:	160	MW		(b) Oil = 344052944 Taka Total = 433822190 Taka							
	c) Plants under shut down/ maintenance	:	827	MW	13.	Maximum Temperature in Dhaka was : 29.6° C							
09.	Total Energy (Generation + India Import)	:	160.31	MKWh	14.	Export through East-West interconnections :							
	By Gas = 98.944			By Oil = 42.603		At evening peak-hour : -770 MW, at 19:00 hrs							
	By Coal = 3.669			By Hydro = 1.602		Maximum : -790 MW, at 18:30 hrs							
	By Solar= 0.094												
10.	Total Gas Supplied	:	895.90	MMCFD		Energy : 6.1505 MKWh							
(D) Forecast of 12.11.18 (Today) Monday :													
01.	Maximum Demand	:	9200	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	10758	MW (Generation end)	05.	Total Generation	:	169.05	MKWh				
03.	Maximum Shortage	:	-1558	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	29.2° C					
* Captive Power ** Imported Power													

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

(MONIRUZZAMAN)
Deputy Secretary, Generation