



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: October, 2018				Day : Friday				Date : 12.10.18						
Probable Maximum Demand : 9500 MW				Probable Maximum Generation : 12769 MW										
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 102.56 ft				Today = 102.56 ft				Rule Curve = 107.00 ft		
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.10.18 (Yesterday)		12.10.18 (Today)		11.10.18 (Yesterday)		12.10.18 (Today)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)	Description/ Remarks		Probable start-up date
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW					
(A) Plants in operation:														
1	a) Ghorasal ST-Unit-1	Gas (PDB)	1 x 55	55	40	33	33	33	33					
	b) Ghorasal ST-Unit-2	Gas (PDB)	1 x 55	55	45	35	35	35	35					
	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	0	0				On Test	
	(e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0					
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	250	380	380	380					
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	12	94	100	100					
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	20	35	78	78					
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	0	110	110					
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	357	358	360	360					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	360	340	450	450					
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	357	345	412	412					
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210			Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0			217	Under Maintenance	28.10.18
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100					
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	7	7	90	90					
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	11	0	50	50					
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	305					
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	20	100	100					
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	15	100	100					
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	50	55	55	55					
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	30	100	100					
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	7	102	102					
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	0	22	22					
24	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	49	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	26	33	33	33					
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	37	43	42	42					
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	48	64	149	149					
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	36	40	40					
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	18	54	54					
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	45	170	275	275					
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	97	97	110	110					
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300					
34	Bramhangon 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	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	36	55	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	8	50	50	50					
Dhaka Zone Total				6084	5848	1974	2465	4130	4435	535	217			
39	Kaptai Hydro-Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	72	76	72	76	154			Water Level Low	
40	a) Chittagong ST-Unit-1	Gas (PDB)	1 x 210	210	180	140	150	150	150	30			Gas Shortage	
	b) Chittagong ST-Unit-2	Gas (PDB)	1 x 210	210	180	130	130	130	130	50			Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25					
	Teknaf Solartech 20MW	Solar (IPP)				4.1	0	20	0					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	19	46	46					
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40			Gas Shortage	
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150			Under Maintenance	15.10.18
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	210	202	225	225					
46	Shikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	8	39	50	50					
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	20	75	100	100					
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	50	50					
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	40	80	80					
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			3	9	30	40					
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	18	100	102	102					
Chattogram Zone Total				1641	1561	633.1	938	1102	1096	274	150			
52	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	100	100	100	100					
	b) Ashuganj ST-Unit-4	Gas (APSCL)	1 x 150	150	129	60	100	100	100					
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	90	0	0	0					
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	41	41	41	41					
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	203	183	225	225					
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	301	301	360	360					
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	360	360	360					
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	0	0	0	0					
58	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5					
59	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	8	75	75					
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0					
61	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	5	40	85	85					
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	41					
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	140	140					
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19					
65	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11					
66	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	8	33	33	33					
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52					
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	15	22	22					
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200					
**	Tripura	India		160	160	93	126	124	163					
Cumilla Zone Total				2601	2541	1413	1442	1952	2032	0	0			
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	49	50	105	105	152			Gas Shortage	
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22					
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	7	44	71	71					
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	55	165	178	178					
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.2	0	2	0					
Mymensingh Zone Total				530	522	131.2	281	378	376	152	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.10.18 (Yesterday)		12.10.18 (Today)		11.10.18 (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)		
75	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	55	56	68	68				
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	50	73	60	60				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	44	47	47				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	50	50	50				
79	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	100	130	130				
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
81	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	65	49	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	311	292	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	89	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	2	45	45	45				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	67	68	80	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	19	19				
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	12	44	45	45				
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	9	9				
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	25	24	25	25				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	315	270	341	341				
Sylhet Zone Total				1594	1549	1034	1224	1412	1462	0	0		
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	32				
92	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	250	350	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	42	0	32				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	48	0	80				
95	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	120	225	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	10	10	0	0				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	16	40	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				
	Labon Chora 105 MW	HFO				108	108	108	108			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	723	723	732	732				
Khulna Zone Total				2228	2214	1227	1481	1730	1874	0	0		
100	Barisal GT -Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	20	0	32				
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	102	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	4	25	33	33				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	110	121	128	128				
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	11	87	95	95				
Barishal Zone Total				472	462	125	355	366	398	0	0		
105	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	15.10.18
106	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	50				
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	29	0	53				
108	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	82	100	100				
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	36	0	40				
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	8	50	50	50				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	33	0	39				
113	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	188	174	210	210				
114	Sirajganj CCPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	193	220	220	220				
115	Sirajgonj CCPP-3 GT	Gas (NWPGL)	1x141	141	141	0	0	0	0				
	Sirajgonj Unit-4 414 MW(Gas)	Gas				0	0	0	0			On Test	
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
117	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	12	13	12	12				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	8	52	52				
Rajshahi Zone Total				1274	1264	448	728	727	909	71	100		
120	a) Barapukuria ST-Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.10.18
	b) Barapukuria ST-Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
121	Barapukuria ST-Unit - 3	Coal (PDB)	2 x 274	274	274	214	159	170	170	115		Coal Shortage	
122	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	17				
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	20	0	0				
Rangpur Zone Total				564	484	214	196	170	187	200	85		
Sub-total: Plants in operation				16988	16445	7199	9110	11967	12769	1232	552		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6777	8576	11266	12021				
(B) List of Contract Expired Power Plants :													
124	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				17043	16445	7199	9110	11967	12769	1232	552		
(C) Actual data of 11.10.18 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	9110.00 MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	8576.00 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)	:	9110.00 MW, at = 19:00 hrs		Dhaka	3414	3414	0	Mymensingh	536	536	0	
04.	Minimum Generation (Generation end)	:	6030.40 MW, at = 7:00 hrs		Chattogram	958	958	0	Sylhet	364	364	0	
05.	Day-peak Generation (Generation end)	:	7199.30 MW, at = 12:00 hrs		Khulna	1068	1068	0	Barishal	213	213	0	
06.	Evening-peak Generation (Generation end)	:	9110.00 MW, at = 19:00 hrs		Rajshahi	785	785	0	Rangpur	475	475	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:00 hrs		Cumilla	763	763	0	Total	8576	8576	0	
08.	Generation shortfall at evening peak due to :			12.	Fuel cost :	(a) Gas = 95903837 Taka		(c) Coal = 15963030 Taka					
	a) Gas limitation	:	878 MW			(b) Oil = 162468267 Taka		Total = 274335134 Taka					
	b) Low water level in Kaptai lake	:	154 MW										
	c) Plants under shut down/ maintenance	:	552 MW	13.	Maximum Temperature in Dhaka was : 27.2° C								
09.	Total Energy (Generation + India Import)	:	179.38 MKWh	14.	Export through East-West interconnections :								
	By Gas = 132.880 MKWH	By Oil = 21.948 MKWh			At evening peak-hour : 40 MW, at 19:00 hrs								
	By Coal = 4.136 MKWH	By Hydro = 1.735 MKWh			Maximum : -50 MW, at 20:00 hrs								
	By Solar= 0.024 MKWH												
10.	Total Gas Supplied	:	1079.79 MMCFD		Energy : 0.4020 MKWh								
(D) Forecast of 12.10.18 (Today) Friday :													
01.	Maximum Demand	:	9500 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	:	12769 MW (Generation end)	05.	Total Generation : 187.06 MKWh								
03.	Maximum Shortage	:	-3269 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 31.6° C								

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

(MONIRUZAMAN)
 Deputy Secretary, Generation