



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: October, 2018				Day : Thursday				Date : 11.10.18							
Probable Maximum Demand : 10500 MW				Probable Maximum Generation : 12792 MW											
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 102.56 ft				Today = 102.56 ft				Rule Curve = 106.90 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.10.18 (Yesterday)		11.10.18 (Today)		10.10.18 (Yesterday)		11.10.18 (Today)		Status of Machines under shut-down/ Maintenance		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Probable start-up date				
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date			
(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	250	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	300	380	380	380						
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	53	86	100	100						
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	78	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	353	364	360	360						
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	400	400	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	356	346	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	7	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	30	10	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	0	22	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	33	33	33	33						
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	42	42	42						
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	16	149	149						
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	39	39	40	40						
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54						
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	155	235	275	275						
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	87	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	Acurahat 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100						
36	Southern Power	HFO (IPP)	3x19.3	55	55	55	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	49	50	50						
Dhaka Zone Total				6084	5848	2259	2860	4130	4435	535	217				
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	74	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	120	130	130	130	50				Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25						
	Teknaf Solartech 20MW	Solar (IPP)				0	0	20	0						
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	14	46	46	46						
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0						
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	40				Gas Shortage	
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	196	202	225	225					Under Maintenance	11.10.18
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.8+1x1.5	51	51	25	50	50	50						
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	80	90	100	100						
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	49	50	50						
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	82	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			7	21	5	25						
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	53	52	102	102						
Chattogram Zone Total				1641	1561	756	995	1077	1081	274	150				
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	90	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	90	90	90	90						
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	186	180	225	225						
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	327	305	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	72	75	75	75						
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0						
61	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	10	85	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	139	100	140	140						
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22						
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	8	21	22	22						
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200						
**	Tripura	India		160	160	100	142	124	163						
Cumilla Zone Total				2601	2541	1466	1570	1945	2025	0	0				
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	42	51	50	50	151				Gas Shortage	
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22						
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	7	72	71	71						
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	156	173	178	178						
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0						
Mymensingh Zone Total				530	522	229	318	323	321	151	0				

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.10.18 (Yesterday)		11.10.18 (Today)		10.10.18 (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	68	68	68	68				
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	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	50	50	50	50				
79	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	130	130	130				
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
81	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	63	65	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	317	300	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	86	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	46	45	45				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	78	69	80	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	19	19				
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	40	45	45	45				
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	7	9	9	9				
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	16	25	25				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	310	310	341	341				
Sylhet Zone Total				1594	1549	1178	1328	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 (NWPGLCL)	1 x 278+1 x 132	410	410	250	370	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	36	0	32				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	76	0	80				
95	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	120	120	225	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	5	10	100	100				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	0	49	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	40	32	40	40				
	Labon Chora 105 MW	HFO				107	108	108	108			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	720	720	732	732				
Khulna Zone Total				2228	2214	1242	1521	1830	1974	0	0		
100	Barisal GT -Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	32				
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	100	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	13	28	33	33				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	128	127	128	128				
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	14	83	95	95				
Barishal Zone Total				472	462	171	338	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	43	0	50				
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	47	0	53				
108	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	100	100	100				
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	36	0	40				
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	43	50	50	50				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	33	0	39				
113	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	221	222	210	210				
114	Sirajganj CCPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	180	178	220	220				
115	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	0	0	0	0				
	Sirajganj 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	11	12	12	12				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52				
Rajshahi Zone Total				1274	1264	590	856	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			
121	Barapukuria ST-Unit - 3	Coal (PDB)	2 x 274	274	274	190	163	170	170	111		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	0	0	0				
Rangpur Zone Total				564	484	190	180	170	187	196	85		
Sub-total: Plants in operation				16988	16445	8081	9966	11980	12792	1227	552		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7642	9425	11330	12098				
(B) List of Contract Expired Power Plants :													
124	Khulna (Aggreko) 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	8081	9966	11980	12792	1227	552		
(C) Actual data of 10.10.18 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	9966.00 MW, at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	9425.00 MW, at = 19:30 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	:	9966.00 MW, at = 19:30 hrs	Dhaka	3577	3577	0	Mymensingh	670	670	0		
04.	Minimum Generation (Generation end)	:	7136.20 MW, at = 7:00 hrs	Chattogram	966	966	0	Sylhet	377	377	0		
05.	Day-peak Generation (Generation end)	:	8081.00 MW, at = 12:00 hrs	Khulna	1060	1060	0	Barishal	224	224	0		
06.	Evening-peak Generation (Generation end)	:	9966.00 MW, at = 19:30 hrs	Rajshahi	1064	1064	0	Rangpur	596	596	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:30 hrs	Cumilla	891	891	0	Total	9425	9425	0		
08.	Generation shortfall at evening peak due to :			12.	Fuel cost :	(a) Gas = 102960883 Taka	(c) Coal = 14944376 Taka						
	a) Gas limitation	:	877 MW		(b) Oil = 243712190 Taka	Total = 361617449 Taka							
	b) Low water level in Kaptai lake	:	154 MW	13.	Maximum Temperature in Dhaka was : 29.0° C								
	c) Plants under shut down/ maintenance	:	552 MW	14.	Export through East-West interconnections :								
09.	Total Energy (Generation + India Import)	:	200.36 MKWh		At evening peak-hour : -340 MW, at 19:30 hrs								
	By Gas = 142.571 MKWH	By Oil = 32.196 MKWh			Maximum : -420 MW, at 2:00 hrs								
	By Coal = 3.872 MKWH	By Hydro = 1.740 MKWh											
	By Solar= 0.025 MKWH												
10.	Total Gas Supplied	:	1113.62 MMCFD		Energy : 1.7980 MKWh								
(D) Forecast of 11.10.18 (Today) Thursday :													
01.	Maximum Demand	:	10500 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	:	12792 MW (Generation end)	05.	Total Generation : 211.10 MKWh								
03.	Maximum Shortage	:	-2292 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 24.4° C								

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

(MONIRUZAMAN)
Deputy Secretary, Generation