



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month: October, 2018		Day: Wednesday		Date: 24.10.18								
Probable Maximum Demand : 10500 MW		Probable Maximum Generation : 11649 MW		Rule Curve = 108.20 ft.								
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 102.90 ft.		Today = 102.81 ft.								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.10.18 (Yesterday)		24.10.18 (Today)		23.10.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for : Gas/water/Coal limitation (MW)	Machines shut down (MW)		
						Day	Evening	Day	Evening	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	253	251	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	250	250	365	365	115	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	351	354	360	360			
9	Meghnaghat CCPP	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 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	102	60	100	100	150	Gas Shortage	
13	Siddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	217	219	222	222			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	100	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	65	73	84	84			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	10	40	50	50			
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0			
18	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	100	100	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	85	100	100	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	45	55	55	55			
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	77	100	100	100			
22	Gagnagar (Oron)	HFO (IPP)	12x8.924	102	102	50	102	102	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	16	22	22			
24	Summit Power (Mathabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	35	57	57	57			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25			
26	Summit Power, Ruggan	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	32	42	43	43			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	149	149	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	18	40	40			
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54			
31	Summit Gazpur-2	HFO (IPP)	18x17.076	300	300	210	281	270	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	113	113	110	115			
33	APR Energy, Keranigonj	HSD (IPP)	256x1.4	300	300	0	0	100	300			
34	Bramhanganj 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	71	0	100			
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	101	0	100			
36	Southern Power	HFO (IPP)	3x19.3	55	55	55	45	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	41	46	50	50			
Dhaka Zone Total				6084	5848	2368	3088	3239	3674	780	862	
39	Kaptai Hydro Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	45	88	130	135	142	Water Level Low	
40	a) Chittagong ST:Unit-1	Gas (PDB)	1 x 210	210	180	150	150	150	150	30	Gas Shortage	
	b) Chittagong ST:Unit-2	Gas (PDB)	1 x 210	210	180	130	150	150	150	30	Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	26	25	25			
	Teknaf Solartech 20MW	Solar (IPP)				20	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	40	46	40	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			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	204	203	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	40	50	50	50			
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	78	100	100	100			
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	0	51			
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	72	8	80			
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34	108	108	2	6	15	20			
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	83	98	100	100			
Chattogram Zone Total				1641	1561	839	1062	1035	1154	242	0	
52	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	100	100	100	100			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	0	0			
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	10	38	41	41			
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	137	130	109	150	91	ST Under Maint. 25.10.18	
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	305	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	5	5	5	5			
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	78	77	130	130			
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0			
61	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	85	85	85	85			
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	42	0	50			
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100			
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	8	11	11			
66	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	33	33	33			
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	46	52	0	52			
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	21	20	20			
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	110	100	200			
**	Tripura	India		160	160	120	144	117	144			
Cumilla Zone Total				2601	2541	1495	1710	1695	1965	0	91	
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	31	46	45	45	156	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	64	73	73			
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	178	200	150	200			
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0			
Mymensingh Zone Total				530	522	238	332	292	340	156	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.10.18 (Yesterday)		24.10.18 (Today)		23.10.18 (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	55	60	60				
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	30	50	60	60				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	0	50	50	50				
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	163	163				
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	48	40	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	136	137	136	136				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	86	86	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	47	46	46				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	98	78	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20				
87	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	45	47	46	46				
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	25	25	25	25				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	270	341	341				
Sylhet Zone Total					1594	1549	1046	1086	1300	1300	0	0	
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
92	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	417	350	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	30	0	40				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	7	82	0	80				
95	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	0	0	0	0				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	82	112	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	50	0	100				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
	Labon Chora 105 MW	HFO				72	91	50	105			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	753	758	767	767				
Khulna Zone Total					2228	2214	1371	1513	1382	1687	0	0	
100	Barisal GT :Unit-1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	32	110	80	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	20	28	30	30				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	162	155	188	188				
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	95	96	95	95				
Barishal Zone Total					472	462	309	389	393	453	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 29.10.18	
106	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	43	0	50				
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	55	0	55				
108	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	92	93	93				
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	37	0	40				
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	34	35	43	43				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	43	0	43				
113	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	189	176	210	210				
114	Sirajganj CCPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	220	220	220	220				
115	Sirajganj CCPP-3 GT	Gas (NWPGL)	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	18	22	22	22				
117	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	5	5				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	8	8	8				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	16	47	52	52				
Rajshahi Zone Total					1274	1264	537	833	703	891	71	100	
120	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling 30:11:18	
	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	150	150	150	150	124		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	18	0	18				
Rangpur Zone Total					564	484	150	185	150	185	209	85	
Sub-total: Plants in operation					16988	16445	8353	10198	10189	11649	1458	1138	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							7859	9595	9587	10960			
(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	8353	10198	10189	11649	1458	1138	
(C) Actual data of 23.10.18 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	10198.00 MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	9595.00 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)	:	10198.00 MW, at = 19:00 hrs	Dhaka	3795	3795	0	Mymensingh	646	646	0		
04.	Minimum Generation (Generation end)	:	6598.40 MW, at = 7:00 hrs	Chattogram	1005	1005	0	Sylhet	376	376	0		
05.	Day-peak Generation (Generation end)	:	8353.00 MW, at = 12:00 hrs	Khulna	1134	1134	0	Barishal	233	233	0		
06.	Evening-peak Generation (Generation end)	:	10198.00 MW, at = 19:00 hrs	Rajshahi	980	980	0	Rangpur	547	547	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:00 hrs	Cumilla	879	879	0	Total	9595	9595	0		
08.	Generation shortfall at evening peak due to :			12.	Fuel cost :	(a) Gas = 97158631 Taka	(c) Coal = 14093246 Taka						
a) Gas limitation	:	1107 MW			(b) Oil = 293767683 Taka	Total = 405019560 Taka							
b) Low water level in Kaptai lake	:	142 MW											
c) Plants under shut down/ maintenance	:	1138 MW											
09.	Total Energy (Generation + India Import)	:	197.34 MKWh	13.	Maximum Temperature in Dhaka was : 32.6° C								
	By Gas = 131.241 MKWh	By Oil = 40.697 MKWh		14.	Export through East-West interconnections :								
	By Coal = 3.651 MKWh	By Hydro = 1.950 MKWh			At evening peak-hour	:	-300 MW, at 19:00 hrs						
	By Solar= 0.151 MKWh				Maximum	:	-300 MW, at 18:30 hrs						
10.	Total Gas Supplied	:	1151.77 MMCFD		Energy	:	0.6250 MKWh						
(D) Forecast of 24.10.18 (Today) Wednesday :													
01.	Maximum Demand	:	10500 MW (Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	11649 MW (Generation end)	05.	Total Generation	:	203.19 MKWh						
03.	Maximum Shortage	:	-1149 MW (Generation end)	06.	Probable Max. Temperature in Dhaka	:	31.9° C						

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

(MONRUZZAMAN)
 Deputy Secretary, Generation