



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month: October, 2018		Day: Sunday		Date: 14.10.18								
Probable Maximum Demand : 10800 MW		Probable Maximum Generation : 12450 MW		Rule Curve = 107.20 ft.								
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 102.56 ft		Today = 102.56 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.10.18 (Yesterday)		14.10.18 (Today)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gas/water/Coal limitation (MW)	Machines shut down (MW)	Description/ Remarks	Probable start-up date		
						Day	Evening	Day	Evening			
(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	3	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	327	380	380	380			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	22	52	95	95			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	20	50	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	358	357	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	370	350	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	415	343	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	
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	10	7	90	90			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	46	46	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	4	12	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	35	100	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55			
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	20	100	100			
22	Gaganagar (Oron)	HFO (IPP)	12x8.924	102	102	7	7	102	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	22	22			
24	Summit Power (Mathabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	47	47	57	57			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	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	25	25	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	16	39	40	40			
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54			
31	Summit Gazpur-2	HFO (IPP)	18x17.076	300	300	15	112	270	270			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	81	97	110	110			
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	0	0	100			
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	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	36	55	55			
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	50	50	50			
Dhaka Zone Total				6084	5848	2023	2403	3712	4112	535	217	
39	Kaptai Hydro Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	65	95	70	95	135	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	130	130	130	50	Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	25	25	25			
	Teknaf Solartech 20MW	Solar (IPP)				1.47	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	27	43	43	43			
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	140	150	Was Under Maintenance	
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	201	202	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	32	40	40	40			
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	90	80	80	80			
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	19	0	50			
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	0	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	5	5	10	10			
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	90	53	90	90			
Chattogram Zone Total				1641	1561	821.47	864	905	1180	255	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	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	37	41	41	41			
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	188	196	225	225			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	312	323	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	68	68			
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	40			
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	0	11	11			
66	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	33	33	33			
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	5	52	52			
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	16	20	20			
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
**	Tripura	India		160	160	0	140	120	130			
Cumilla Zone Total				2601	2541	1259	1531	1699	1949	0	0	
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	157	158	150	158	44	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	0	7	71	71			
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	85	150	160			
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.7	0	2	0			
Mymensingh Zone Total				530	522	186.7	272	395	411	44	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.10.18 (Yesterday)		14.10.18 (Today)		13.10.18 (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 CAPP-1	Gas (PDB)	2x32+1x33	97	70	57	57	60	60				
76	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	30	18	30	30				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	44	44	44				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	50	50	50				
79	Kushiera 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	163	163	163				
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
81	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	64	67	66	66				
82	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	229	232	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	86	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	2	45	45	45				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	79	90	80	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	20	20	20				
87	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	21	46	46	46				
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	7	9	9				
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	25	25	25				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	295	280	341	341				
Sylhet Zone Total					1594	1549	921	1241	1406	1456	0	0	
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	32				
92	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	360	320	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	37	0	32				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	50	0	80				
95	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	120	225	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	0	0	0	0				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	0	32	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	0	0	100				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	32	40	40				
	Labon Chora 105 MW	HFO				36	18	50	105			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	522	738	747	747				
Khulna Zone Total					2228	2214	1038	1347	1587	1886	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	0	64	80	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	18	21	33	33				
103	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	112	184	184	184				
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	12	93	95	95				
Barishal Zone Total					472	462	142	362	392	452	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	50	0	50				
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	50				
108	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	24	100	100				
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	38	0	40				
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	8	25	50	50				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	42	0	42				
113	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	179	180	210	210				
114	Sirajganj CAPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	182	177	0	0				
115	Sirajganj CAPP-3 GT	Gas (NWPGL)	1x141	141	141	0	0	140	140				
	Sirajganj Unit-4 414 MW(Gas)	Gas				0	0	0	0			On Test	
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	10	22	22	22				
117	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	3	4	4	4				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	8	52	52				
Rajshahi Zone Total					1274	1264	407	628	639	821	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	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	15	0	16				
Rangpur Zone Total					564	484	150	182	150	183	209	85	
Sub-total: Plants in operation					16988	16445	6948	8830	10885	12450	1114	552	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							6549	8323	10260	11735			
(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	6948	8830	10885	12450	1114	552	
(C) Actual data of 13.10.18 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	8830.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8323.00	MW, at = 19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	8830.00	MW, at = 19:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	5397.70	MW, at = 7:00 hrs	Dhaka	3321	3321	0	Mymensingh	491	491	0	
05.	Day-peak Generation (Generation end)	:	6948.17	MW, at = 12:00 hrs	Chattogram	937	937	0	Sylhet	305	305	0	
06.	Evening-peak Generation (Generation end)	:	8830.00	MW, at = 19:00 hrs	Khulna	998	998	0	Barishal	214	214	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs	Rajshahi	780	780	0	Rangpur	538	538	0	
08.	Generation shortfall at evening peak due to :				Cumilla	739	739	0	Total	8323	8323	0	
a)	Gas limitation	:	770	MW	12.	Fuel cost :	(a) Gas = 92747697 Taka	(c) Coal = 14166972 Taka					
b)	Low water level in Kaptai lake	:	135	MW		(b) Oil = 145241481 Taka	Total = 252156150 Taka						
c)	Plants under shut down/ maintenance	:	552	MW	13.	Maximum Temperature in Dhaka was :	27.9° C						
09.	Total Energy (Generation + India Import)	:	166.80	MKWh	14.	Export through East-West interconnections :							
	By Gas = 129.227 MKWH	By Oil = 17.186 MKWh				At evening peak-hour	:	-220	MW, at 19:00 hrs				
	By Coal = 3.670 MKWH	By Hydro = 1.668 MKWh				Maximum	:	-300	MW, at 21:00 hrs				
	By Solar = 0.033 MKWH												
10.	Total Gas Supplied	:	1060.15	MMCFD		Energy	:	0.8880	MKWh				
(D) Forecast of 14.10.18 (Today) Sunday :													
01.	Maximum Demand	:	10800	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	12450	MW (Generation end)	05.	Total Generation	:	204.02	MKWh				
03.	Maximum Shortage	:	-1650	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

(MONRUZZAMAN)
Deputy Secretary, Generation