



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: August, 2018				Day : Tuesday				Date : 14.08.18			
Probable Maximum Demand :				11800 MW				Probable Maximum Generation : 12485 MW			
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 104.99 ft				Today = 105.31 ft			
								Rule Curve = 93.16 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.08.18 (Yesterday)		14.08.18 (Today)		13.08.18 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		
					Day	Evening	Day	Evening	MW	Machines shut down (MW)	
(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	35	35	35	35		
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	100	80	100	100	90	Gas Shortage
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	100	70	100	100	120	Gas Shortage
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	190	340	365	365		
3	Ghorasal (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	Under Maintenance 27.08.18
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	96	82	110	110		
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	217	203	230	250	157	Gas Shortage
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	360	310	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	413	345	412	412		
12	Shiddirganj ST: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	160	217	215	215		
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	80	100	100	100		
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	100	100	100	100		
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	21	51	50	50		
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	250	230	305	305		
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	100	96	100	100		
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	65	65	65	84		
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	76	86	100	100		
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	102	102	102	102		
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	19	22	22		
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	58	58	58		
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33		
26	Summit Power, Rupganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33		
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	2	51	52	52		
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	140	149	149	149		
29	Kathpott 52 MW	HFO (IPP)	7x7.90	51	51	39	40	40	40		
30	Kamalaghat Murshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54		
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	95	245	300	300		
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	148	150	150	150		
	APR Energy, Keraniganj	HSD (IPP)				0	307	0	300		
33	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	50	100	100	100		
34	Aourahat 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	99	99	100	100		
35	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55		
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	56	55	55		
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	8	8	8		
Dhaka Zone Total				5784	5548	3403	4059	4238	4577	912	105
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	148	175	190	200		
39	a) Chittagong ST:Unit-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage
	b) Chittagong ST:Unit-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	26	26	26		
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	40	43	45	45		
42	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage
43	Shikalbaha Peaking GT	HSD (PDB)	1 x 150	150	150	115	135	135	135		
44	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	0	151	30	220		
45	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	50	51	50	50		
46	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	90	90	100	100		
47	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	34	46	50	50		
48	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	63	80	72	80		
49	Barabikunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	19	19	19		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	17	10	17		
50	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	93	93	100	100		
Chattogram Zone Total				1641	1561	659	926	827	1042	400	0
51	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	120	90	100	100		
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	0	70	70	70		
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	0	0		
52	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	39	20	33	40		
53	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	182	181	225	225		
54	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	300	272	360	360		
55	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	300	360	360		
56	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	6	14	13	20		
57	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	30	30		
58	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*116	195	195	195	78	75	110		
59	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	45	45	45		
60	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	85	85	85		
61	Tilas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	49	0	50		
62	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100		
63	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	16	22	22		
64	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11		
65	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	33	33		
66	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	16	52	52		
67	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	15	22	22		
68	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	200	100	200		
**	Tripura	India		160	160	128	178	126	174		
Cumilla Zone Total				2601	2541	1629	1770	1862	2109	0	0
69	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	45	45	50	50	157	Gas Shortage
70	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22		
71	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	82	95	95	95		
72	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	135	134	141	140		
73	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	2	0		
Mymensingh Zone Total				530	522	282	296	310	307	157	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.08.18 (Yesterday)		14.08.18 (Today)		13.08.18 (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/MW	Machines shut down (MW)		
74	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	68	69	70	70				
75	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	62	62	62	62				
76	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	53	51	51				
77	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	47	50	50				
78	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
79	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
80	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	30	32	32	32				
81	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	293	305	330	330				
82	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	85	86	86				
83	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	48	48	48				
84	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	46	108	130	130				
85	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	19	19				
86	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	44	45	48	48				
87	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	6	8	8	8				
88	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	23	23	23				
89	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	280	341	341				
Sylhet Zone Total				1594	1549	1261	1358	1472	1472	0	0		
90	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	46	0	48				
91	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	410	410	410	410				
92	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	42	0	48				
93	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	68	0	80				
94	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
95	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	48	100	100	100				
96	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	81	98	115	115				
97	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	0	0				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	80	100	100				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	32	40	40	40				
**	Bheramara HVDC Interconnector	India		500	500	494	484	499	498				
Khulna Zone Total				1783	1769	1065	1368	1264	1439	0	0		
100	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	12	0	30				
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	110	110	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	23	36	33	33				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	82	89	100	194				
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	95	98	95	95				
Barishal Zone Total				472	462	310	345	338	462	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	23.08.18
106	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	43	0	43				
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	42	0	42				
108	Amnura	HFO (QRPP)	7x7.79	50	50	40	50	50	50				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	33	90	100	100				
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	44	45	44	45				
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	43	35	43	43				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	39	0	40				
113	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	186	217	215	215				
114	Sirajganj CCPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	130	220	150	220				
	Sirajganj Unit-3 225MW	Gas (NWPGL)				150	152	154	154			On Test	
115	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	18	18	18				
116	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	9	10	10				
117	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
118	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52				
Rajshahi Zone Total				1133	1123	717	1023	847	1043	71	100		
119	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	29.08.18
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85			
120	Barapukuria ST:Unit - 3	Coal (PDB)	2 x 274	274	274	0	0	0	0	274		Coal Shortage	
121	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	16	16	16				
122	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	13	18	18				
Rangpur Zone Total				564	484	0	29	34	34	359	85		
Sub-total: Plants in operation				16102	15559	9326	11174	11192	12485	1899	290		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8945	10717	10734	11974				
Gross Total				16102	15559	9326	11174	11192	12485	1899	290		
(B) Actual data of 13.08.18 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	11174.00	MW, at =	21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	10717.00	MW, at =	21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	11217.00	MW, at =	22:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	8491.40	MW, at =	8:00 hrs	Dhaka	4289	4289	0	Mymensingh	760	760	0
05.	Day-peak Generation (Generation end)	:	9326.00	MW, at =	11:00 hrs	Chattogram	1080	1080	0	Sylhet	475	475	0
06.	Evening-peak Generation (Generation end)	:	11174.00	MW, at =	21:00 hrs	Khulna	1238	1238	0	Barishal	285	285	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs	Rajshahi	1033	1033	0	Rangpur	551	551	0
08.	Generation shortfall at evening peak due to :					Cumilla	1006	1006	0	Total	10717	10717	0
	a) Gas limitation	:	1540	MW		12.	Fuel cost : (a) Gas = 90638406 Taka (c) Coal = 0 Taka						
	b) Low water level in Kaptai lake	:	0	MW			(b) Oil = 850016801 Taka Total = 940655206 Taka						
	c) Plants under shut down/ maintenance	:	290	MW		13.	Maximum Temperature in Dhaka was : 34.9° C						
09.	Total Energy (Generation + India Import)	:	231.77	MKWh		14.	Export through East-West interconnections :						
	By Gas =	130.41	MKWh	By Oil =	82.75	At evening peak-hour : -560 MW, at 21:00 hrs							
	By Coal =	0.00	MKWh	By Hydro =	3.47	Maximum : -620 MW, at 14:00 hrs							
10.	Total Gas Supplied	:	1114.11	MMCFD		Energy : 7.2940 MKWh							
(C) Forecast of 14.08.18 (Today) Tuesday :													
01.	Maximum Demand	:	11800	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	12485	MW	(Generation end)	05.	Total Generation : 243.82 MKWh						
03.	Maximum Shortage	:	-685	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 36.1° C						

* Captive Power ** Imported Power

#Remarks: Highest Generation 11387MW on 18-07-2018 at 22:00

(MONIRUZZAMAN)
Deputy Secretary, Generation