



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: August, 2018		Day : Saturday		Date : 18.08.18								
Probable Maximum Demand :		11500 MW		Probable Maximum Generation : 12524 MW								
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 105.64 ft		Today = 105.79 ft								
				Rule Curve = 94.12 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.08.18 (Yesterday)		18.08.18 (Today)		17.08.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
					Day	Evening	Day	Evening	Water Shortage (MW)	Machines shut-down (MW)		Description/ Remarks
(A) Plants in operation:												
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	0	0	0	0			
	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	110	110	110	110	60	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	80	80	100	100	110	Gas Shortage	
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	210	220	200	200			
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	12	83	100	100			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	30	30	35	35			
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	0	110	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	161	173	280	280	187	Gas Shortage	
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	280	300	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	350	361	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	150	150	160	160			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	70	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	90	100	100			
16	Paglia (DPA)	HSD (QRPP)	100x0.5	50	50	30	10	50	50			
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	230	305	305	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	34	100	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	81	80	84	84			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	43	55	55	55			
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	72	87	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	19	22	22	22			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	35	57	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	51	50	52	52			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	15	149	149	149			
29	Kathpott 52 MW	HFO (IPP)	7x7.90	51	51	30	40	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	145	258	300	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	122	120	100	150			
	APR Energy , Keranigonj	HSD (IPP)				0	309	0	300			
33	Bramhangoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	30	51	100	100			
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	31	50	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	55	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	8	8	8			
Dhaka Zone Total				5784	5548	2697	3895	4147	4497	902	105	
38	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	156	186	200	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	16	23	26	26			
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	44	50	50	50			
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	135	135	135	135			
44	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	229	203	225	225			
45	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	40	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	16	50	50	50			
48	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	48	71	80	80			
49	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	40	42	42			
50	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	91	92	100	100			
Chattogram Zone Total				1641	1561	880	999	1077	1077	400	0	
51	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	90	90	100	100			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	70	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	20	20	33	40			
53	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	201	196	225	225			
54	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	300	279	360	360			
55	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	250	310	360	360			
56	Ashuganj (Precision)	Gas (RPP)	15'4	55	55	5	5	10	20			
57	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	30			
58	Ashuganj Modular 195 MW	Gas (IPP)	20'9.73+11'16	195	195	78	68	195	195			
59	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	38	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	0	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	19	22	22	22			
64	Feni, Mohipal (Doreen)	Gas (SIPP, PDB)	4x2.90	11	11	8	8	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	0	52	52			
67	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	0	22	22	22			
68	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.02	200	200	0	50	200	200			
**	Tripura	India		160	160	132	182	130	177			
Cumilla Zone Total				2601	2541	1388	1575	2058	2197	0	0	
69	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	13	40	60	60	162	Gas Shortage	
70	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	0	22	22			
71	Jamulpur IPP	HFO (IPP)	12x8.924	95	95	84	90	95	95			
72	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	108	134	140	140			
73	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.7	0	2	0			
Mymensingh Zone Total				530	522	228.7	264	319	317	162	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.08.18 (Yesterday)		18.08.18 (Today)		17.08.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
						Day	Evening	Day	Evening	Loss water cooler (MW)	Machines shut down (MW)	Description/ Remarks	Probable start-up date
74	Fenchuganj CCGP-1	Gas (PDB)	2x32+1x33	97	70	68	61	70	70				
75	Fenchuganj CCGP-2	Gas (PDB)	2x35+1x35	104	90	60	62	62	62				
76	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	42	47	51	51				
77	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	50	50				
78	Kushiara 163 MW CCGP	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
79	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	3	11	11	11				
80	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	31	31	40	40				
81	Shajibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	314	237	330	330				
82	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	85	89	86	86				
83	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	47	48	48				
84	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	128	120	130	130				
85	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	13	19	19	19				
86	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	43	43	48	48				
87	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	9	9				
88	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	14	22	23	23				
89	Summit Btiana- 2	Gas (IPP)	1x222+1x119	341	341	315	285	341	341				
Sylhet Zone Total				1594	1549	1383	1296	1481	1481	0	0		
90	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	48	0	48				
91	Bheramara 360 MW CCGP	Gas (NWPGL)	1 x 278+1 x 132	410	410	410	411	410	410				
92	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	47	0	49				
93	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	69	0	80				
94	Khulna CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
95	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	37	95	100	100				
96	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	82	100	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	94	92	92				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	40	40	40				
**	Bheramara HVDC Interconnector	India		500	500	479	492	493	493				
Khulna Zone Total				1783	1769	1032	1396	1250	1427	0	0		
100	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	12	0	14				
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	110	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	24	39	33	33				
103	Bhola CCGP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	188	188	194	194				
104	Bhola Aggreko 95 MW	Gas (QRPP)		95	95	93	98	95	95				
Barisal Zone Total				472	462	321	447	432	446	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	50	0	43				
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	37	43	43				
108	Ammura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	25	98	100	100				
110	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	45	45	45				
111	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	43	50	43	43				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	28	0	39				
113	Sirajganj CCGP 1	Gas (NWPGL)	1x150+1x75	210	210	200	214	215	215				
114	Sirajganj CCGP 2	HSD (NWPGL)	1x150 + 1x75	220	220	0	220	220	220				
	Sirajganj Unit-3 225MW	Gas (NWPGL)				148	151	155	155			On Test	
115	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
116	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	9	10	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	43	51	52	52				
Rajshahi Zone Total				1133	1123	551	1037	966	1048	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		Coal Shortage	
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	10	13	16	16				
122	Syedpur GT	HSD (PDB)	1 x 20	20	20	12	18	18	18				
Rangpur Zone Total				564	484	22	31	34	34	359	85		
Sub-total: Plants in operation				16102	15559	8503	10940	11764	12524	1894	290		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7956	10237	11008	11719				
Gross Total				16102	15559	8503	10940	11764	12524	1894	290		
(B) Actual data of 17.08.18 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	:	10940.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10237.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	10940.00	MW, at = 21:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	8136.00	MW, at = 8:00 hrs		Dhaka	3898	3898	0	Mymensingh	725	725	0
05.	Day-peak Generation (Generation end)	:	8502.70	MW, at = 12:00 hrs		Chattogram	1006	1006	0	Sylhet	488	488	0
06.	Evening-peak Generation (Generation end)	:	10940.00	MW, at = 21:00 hrs		Khulna	1288	1288	0	Barisal	287	287	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Rajshahi	1000	1000	0	Rangpur	521	521	0
08.	Generation shortfall at evening peak due to :					Cumilla	1024	1024	0	Total	10237	10237	0
	a) Gas limitation	:	1535	MW		12.	Fuel cost: (a) Gas = 91338121	Taka	(c) Coal = 0	Taka			
	b) Low water level in Kaptai lake	:	0	MW			(b) Oil = 787219932	Taka	Total = 878558052	Taka			
	c) Plants under shut down/ maintenance	:	290	MW		13.	Maximum Temperature in Dhaka was :	33.5° C					
09.	Total Energy (Generation + India Import)	:	227.00	MKWh		14.	Export through East-West interconnections :						
	By Gas = 130.74	MKWH	By Oil = 76.69	MKWh			At evening peak-hour	-530	MW, at 21:00 hrs				
	By Coal = 0.00	MKWH	By Hydro = 4.23	MKWh			Maximum	-680	MW, at 13:00 hrs				
10.	Total Gas Supplied	:	1111.26	MMCFD			Energy	7.5465	MKWh				
(C) Forecast of 18.08.18 (Today) Saturday :													
01.	Maximum Demand	:	11500	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	12524	MW (Generation end)	05.	Total Generation	:	238.62	MKWh				
03.	Maximum Shortage	:	-1024	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	36° C					

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation