



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: August, 2018		Day : Saturday				Date : 11.08.18					
Probable Maximum Demand :		11400 MW		Probable Maximum Generation :		12300 MW					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 104.79 ft		Today = 104.85 ft		Rule Curve = 92.20 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.08.18 (Yesterday)		11.08.18 (Today)		10.08.18 (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)	
(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	120	120	120	120	50	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	0	0	0	0	190	Gas Shortage
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	365	365	365	365		
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	84	84	84	85		
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	72	74	74	78		
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0		105 Under Maintenance 14.08.18
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	40	110	110		
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	241	292	360	360	68	Gas Shortage
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	370	400	400	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	372	350	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	212	213	217	217		
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	35	100	100		
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	100	100	100		
16	Paglia (DPA)	HSD (QRPP)	100x0.5	50	50	0	20	50	50		
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	200	200	305	305		
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	90	90	90		
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	64	64	64		
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	10	63	100	100		
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	102	102	102		
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	22	22		
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	47	57	57	57		
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33		
26	Summit Power, Rupganj	Gas (SIPP, REB)	4x8.73	33	33	23	33	33	33		
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	8	51	52	52		
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	132	149	149		
29	Kathpott 52 MW	HFO (IPP)	7x7.90	51	51	33	40	40	40		
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	50	54	54		
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	82	210	300	300		
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	75	146	150	150		
	APR Energy , Keranigonj	HSD (IPP)				0	0	0	311		On Test
33	Bramhangoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100		
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100		
35	Southern Power	HFO (IPP)	3x19.3	55	55	36	55	55	55		
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	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	2538	3626	4386	4752	853	105	
38	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	159	163	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	16	16	16		
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	37	32	40		
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	203	228	225	225		
45	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	8	50	50	50		
46	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	70	100	100	100		
47	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	47	50	50		
48	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	76	40	80		
49	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			31	38	10	15		
50	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	19	99	100	100		
Chattogram Zone Total			1641	1561	658	1008	967	1030	400	0	
51	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	80	120	120		
	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	80	80	100	100		
52	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	43	43	43	43		
53	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	186	219	225	225		
54	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	368	338	360	360		
55	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	260	260	0	0		
56	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	0	0	0	0		
57	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5		
58	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	73	73	73	73		
59	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	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	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	19	19	22	22		
64	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11		
65	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	34	33	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	15	21	22	22		
68	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.02	200	200	0	0	100	200		
**	Tripura	India		160	160	116	170	121	172		
Cumilla Zone Total			2601	2541	1520	1624	1517	1718	0	0	
69	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	48	48	50	50	154	Gas Shortage
70	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22		
71	Jamulpur IPP	HFO (IPP)	12x8.924	95	95	8	90	90	90		
72	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	100	133	156	160		
73	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.7	0	2	0		
Mymensingh Zone Total			530	522	180.7	293	320	322	154	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.08.18 (Yesterday)		11.08.18 (Today)		10.08.18 (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	Loss water cooler (MW)	Machines shut down (MW)			
74	Fenchuganj CCGP-1	Gas (PDB)	2x32+1x33	97	70	64	64	64	64					
75	Fenchuganj CCGP-2	Gas (PDB)	2x35+1x35	104	90	62	62	62	62					
76	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	53	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	0	0	0	0		163	Under Maintenance	23.08.18	
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	30	30	30					
81	Shajibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	298	321	330	330					
82	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	86	86	86					
83	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	46	47	47	47					
84	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	130	128	130	130					
85	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	19	19					
86	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	44	46	48	48					
87	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	7	7	7	7					
88	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	22	23	23	23					
89	Summit Btiana- 2	Gas (IPP)	1x222+1x119	341	341	310	310	341	341					
Sylhet Zone Total				1594	1549	1227	1257	1299	1299	0	163			
90	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	48	0	48					
91	Bheramara 360 MW CCGP	Gas (NWP/CGCL)	1 x 278+1 x 132	410	410	410	410	410	410					
92	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	48	45	48					
93	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	68	80	80					
94	Khulna CCGP	HSD (NWP/CGCL)	1 x 150+1x75	230	230	0	0	100	225					
95	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	10	98	60	98					
96	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	16	115	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	95	100	100					
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	40	40	40					
**	Bheramara HVDC Interconnector	India		500	500	494	494	497	497					
Khulna Zone Total				1783	1769	938	1416	1447	1661	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	80	80	110	110					
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	22	32	33	33					
103	Bhola CCGP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	190	189	190	194					
104	Bhola Aggreko 95 MW	Gas (QRPP)		95	95	0	97	95	95					
Barishal Zone Total				472	462	292	398	428	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	13.08.18	
106	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	43	0	43					
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	31	0	32					
108	Ammura	HFO (QRPP)	7x7.79	50	50	50	50	50	50					
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	25	90	60	100					
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	44	44	44					
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	35	43	43	43					
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	40	39	40	40					
113	Sirajganj CCGP 1	Gas (NWP/CGCL)	1x150+1x75	210	210	199	214	210	215					
114	Sirajganj CCGP 2	HSD (NWP/CGCL)	1x150 + 1x75	220	220	131	191	210	210					
	Sirajganj Unit-3 225MW	Gas (NWP/CGCL)				151	149	154	154			On Test		
115	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	18	18	18					
116	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	10	10					
117	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	10	11	11	11					
118	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	52	52	52					
Rajshahi Zone Total				1133	1123	677	985	902	1022	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	0	10	16	16					
122	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	18	18					
Rangpur Zone Total				564	484	0	10	34	34	359	85			
Sub-total: Plants in operation				16102	15559	8031	10617	11300	12300	1837	453			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7649	10112	10763	11715					
Gross Total				16102	15559	8031	10617	11300	12300	1837	453			
(B) Actual data of 10.08.18 (Yesterday) Friday :														
01.	Max. Demand (Generation end)	:	10617.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	10112.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	10662.00	MW, at = 22:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	7749.60	MW, at = 9:00 hrs		Dhaka	3658	3658	0	Mymensingh	773	773	0	
05.	Day-peak Generation (Generation end)	:	8030.70	MW, at = 12:00 hrs		Chattogram	1043	1043	0	Sylhet	473	473	0	
06.	Evening-peak Generation (Generation end)	:	10617.00	MW, at = 21:00 hrs		Khulna	1273	1273	0	Barishal	272	272	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Rajshahi	1017	1017	0	Rangpur	591	591	0	
08.	Generation shortfall at evening peak due to :					Cumilla	1012	1012	0	Total	10112	10112	0	
	a) Gas limitation	:	1478	MW		12.	Fuel cost: (a) Gas = 94445770 Taka	(c) Coal = 0 Taka						
	b) Low water level in Kaptai lake	:	0	MW			(b) Oil = 626507384 Taka	Total = 720953154 Taka						
	c) Plants under shut down/ maintenance	:	453	MW		13.	Maximum Temperature in Dhaka was :	35.6° C						
09.	Total Energy (Generation + India Import)	:	217.81	MKWh		14.	Export through East-West interconnections :							
	By Gas = 135.91 MKWh			By Oil = 62.89 MKWh			At evening peak-hour	-550	MW, at 21:00 hrs					
	By Coal = 0.00 MKWh			By Hydro = 3.80 MKWh			Maximum	-580	MW, at 4:00 hrs					
10.	Total Gas Supplied	:	1123.15	MMCFD			Energy	6.6050	MKWh					
(C) Forecast of 11.08.18 (Today) Saturday :														
01.	Maximum Demand	:	11400	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation	:	12300	MW (Generation end)	05.	Total Generation	:	232.89	MKWh					
03.	Maximum Shortage	:	-900	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34° C						

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation