



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: August, 2018				Day : Friday				Date : 10.08.18			
Probable Maximum Demand : 10500 MW				Probable Maximum Generation : 12644 MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 104.58 ft				Today = 104.79 ft			
				Rule Curve = 91.88 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.08.18 (Yesterday)		10.08.18 (Today)		09.08.18 (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	22	84	84	84		
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	74	60	74	74		
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0		105 Under Maintenance 28.08.18
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	90	110	110	110		
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	200	192	360	360	168	Gas Shortage
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	350	330	400	350		
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	380	360	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	213	217	217	217		
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	51	100	100	100		
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	100	70	100	100		
16	Paglia (DPA)	HSD (QRPP)	100x0.5	50	50	51	50	50	50		
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	200	260	305	305		
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	98	100	100	100		
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	65	52	81	81		
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	26	55	55		
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	87	75	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	22	19	22	22		
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	57	57	57		
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	43	51	52	52		
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	133	149	149	149		
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	40	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	130	173	300	300		
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	92	132	150	150		
	APR Energy , Keranigonj	HSD (IPP)				12	311	0	311		On Test
33	Bramhangoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	95	100	100		
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	60	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+1x3.54	108	108	8	8	8	8		
Dhaka Zone Total				5784	5548	3424	4068	4413	4678	953	105
38	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	190	200	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	26	25	16	25		
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	38	44	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	80	135	135	135		
44	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	202	196	225	225		
45	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	50	50	50		
46	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	90	90	90	90		
47	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	17	46	51	51		
48	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	82	40	82		
49	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			5	15	26	30		
50	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	91	94	100	100		
Chattogram Zone Total				1641	1561	798	996	987	1052	400	0
51	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	100	80	80	80		
	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	80	80		
52	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	30	30	43	43		
53	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	214	215	225	225		
54	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	315	280	360	360		
55	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	275	275	360	360		
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+11'16	195	195	73	73	73	73		
59	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	45	45	45		
60	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	86	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	8	11	11	11		
65	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	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	21	22	22	22		
68	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.02	200	200	0	201	100	200		
**	Tripura	India		160	160	136	172	121	172		
Cumilla Zone Total				2601	2541	1539	1776	1817	2018	0	0
69	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	48	48	85	85	154	Gas Shortage
70	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22		
71	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	90	90	90	90		
72	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	151	141	156	160		
73	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.4	0	2	0		
Mymensingh Zone Total				530	522	312.4	301	355	357	154	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.08.18 (Yesterday)		10.08.18 (Today)		09.08.18 (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 CAPP-1	Gas (PDB)	2x32+1x33	97	70	68	70	70	70				
75	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	62	62	60	62				
76	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	50	50	50				
77	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	50	50				
78	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	0	0	0	0		163	Under Maintenance	13.08.18
79	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
80	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	30	30	30	30				
81	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	158	147	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	48	47	47				
84	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	126	130	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	5	8	8				
88	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	15	23	23	23				
89	Summit Btiana- 2	Gas (IPP)	1x222+1x119	341	341	300	300	341	341				
Sylhet Zone Total				1594	1549	1067	1077	1303	1305	0	163		
90	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	16	0	42				
91	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	410	410	410	410				
92	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	49	42	49				
93	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	82	80	80				
94	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	100	225				
95	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	89	92	60	100				
96	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	99	99	115	115				
97	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	52	0	54				
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	32	40	40	40				
**	Bheramara HVDC Interconnector	India		500	500	488	490	497	497				
Khulna Zone Total				1783	1769	1118	1425	1444	1712	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	48	110	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	16	30	33	33				
103	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	186	189	190	194				
104	Bhola Aggreko 95 MW	Gas (QRPP)		95	95	95	95	95	95				
Barishal Zone Total				472	462	345	424	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	23.08.18
106	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	43				
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	31	0	32				
108	Ammura	HFO (QRPP)	7x7.79	50	50	40	50	50	50				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	25	99	60	100				
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	47	47	47				
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	35	35	43	43				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	38	41	41				
113	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	217	218	210	215				
114	Sirajganj CAPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	131	201	210	210				
	Sirajganj Unit-3 225MW	Gas (NWPGL)				150	153	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	8	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	52	52	52				
Rajshahi Zone Total				1133	1123	678	963	906	1026	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	15	15	16	16				
122	Syedpur GT	HSD (PDB)	1 x 20	20	20	18	0	18	18				
Rangpur Zone Total				564	484	33	15	34	34	359	85		
Sub-total: Plants in operation				16102	15559	9314	11045	11687	12644	1937	453		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8828	10468	11076	11983				
Gross Total				16102	15559	9314	11045	11687	12644	1937	453		
(B) Actual data of 09.08.18 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	11045.00	MW, at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10468.00	MW, at = 19:30 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	11045.00	MW, at = 19:30 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	8009.80	MW, at = 8:00 hrs		Dhaka	4043	4043	0	Mymensingh	764	764	0
05.	Day-peak Generation (Generation end)	:	9314.40	MW, at = 12:00 hrs		Chattogram	1051	1051	0	Sylhet	471	471	0
06.	Evening-peak Generation (Generation end)	:	11045.00	MW, at = 19:30 hrs		Khulna	1316	1316	0	Barishal	272	272	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs		Rajshahi	918	918	0	Rangpur	583	583	0
08.	Generation shortfall at evening peak due to :					Cumilla	1050	1050	0	Total	10468	10468	0
	a) Gas limitation	:	1578	MW		12.	Fuel cost: (a) Gas = 92716825 Taka		(c) Coal = 0 Taka				
	b) Low water level in Kaptai lake	:	0	MW			(b) Oil = 767794861 Taka		Total = 860511687 Taka				
	c) Plants under shut down/ maintenance	:	453	MW		13.	Maximum Temperature in Dhaka was : 34.0° C						
09.	Total Energy (Generation + India Import)	:	229.08	MKWh		14.	Export through East-West interconnections :						
	By Gas = 133.91 MKWh			By Oil = 75.51 MKWh			At evening peak-hour : -560 MW, at 19:30 hrs						
	By Coal = 0.00 MKWh			By Hydro = 4.50 MKWh			Maximum : -560 MW, at 19:30 hrs						
10.	Total Gas Supplied	:	1119.74	MMCFD			Energy : 6.0465 MKWh						
(C) Forecast of 10.08.18 (Today) Friday :													
01.	Maximum Demand	:	10500	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	12644	MW (Generation end)	05.	Total Generation : 217.78 MKWh							
03.	Maximum Shortage	:	-2144	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 34.3° C							

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation