



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: August, 2018				Day : Wednesday				Date : 15.08.18				
Probable Maximum Demand :				11000 MW				Probable Maximum Generation : 12504 MW				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 105.31 ft				Today = 105.48 ft				
								Rule Curve = 93.48 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	14.08.18 (Yesterday)		15.08.18 (Today)		14.08.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
					Day	Evening	Day	Evening	Gas/water/Coal	Machines shut down (MW)	Description/ Remarks	Probable start-up date
(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	100	100	100			
	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	350	365	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	96	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	162	192	230	250	168	Gas Shortage	
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	300	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	357	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	168	120	215	215			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	70	95	100	100			
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	85	100	100	100			
16	Paglia (DPA)	HSD (QRPP)	100x0.5	50	50	50	50	50	50			
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	300	305	305	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	99	100	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	65	76	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	22	22	22			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	56	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	25	33	33	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	39	50	52	52			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	133	149	149	149			
29	Kathpott 52 MW	HFO (IPP)	7x7.90	51	51	40	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	127	210	300	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	116	87	150	150			
	APR Energy, Keraniganj	HSD (IPP)				105	308	0	300			
33	Bramhanganj 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	99	100	100	100			
34	Aourahat 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	100	100	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	36	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	3586	3992	4238	4577	893	105	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	178	180	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	25	0	26	26			
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	31	47	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	135	135	135	135			
44	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	40	227	205	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	80	70	100	100			
47	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	34	49	50	50			
48	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	72	72	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	13	42	40			
50	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	43	80	100	100			
Chattogram Zone Total				1641	1561	696	942	1034	1070	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	10	33	40			
53	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	182	176	225	225			
54	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	250	250	360	360			
55	Ashuganj CCPP(North)	Gas (APSCL)	1x360	360	360	300	320	360	360			
56	Ashuganj (Precision)	Gas (RPP)	15'4	55	55	13	16	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+1*116	195	195	68	66	75	110			
59	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	38	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	48	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	18	22	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	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	21	21	22	22			
68	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	115	170	100	200			
**	Tripura	India		160	160	138	116	126	174			
Cumilla Zone Total				2601	2541	1549	1639	1834	2109	0	0	
69	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	31	41	50	50	161	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	95	95	95	95			
72	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	129	130	140	140			
73	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	2	0			
Mymensingh Zone Total				530	522	279.4	288	309	307	161	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	14.08.18 (Yesterday)		15.08.18 (Today)		14.08.18 (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/water/Coal MW	Machines shut down (MW)		
74	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	66	70	70	70				
75	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	60	62	62	62				
76	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	44	47	51	51				
77	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	47	50	50				
78	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
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	20	40	32	32				
81	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	301	302	330	330				
82	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	88	86	86				
83	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	48	48	48				
84	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	120	126	130	130				
85	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	13	19	19	19				
86	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	42	45	48	48				
87	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	8	8	8	8				
88	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	22	15	23	23				
89	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	305	341	341				
Sylhet Zone Total				1594	1549	1335	1396	1472	1472	0	0		
90	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	48	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	49	0	49				
93	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	76	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	66	95	100	100				
96	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	112	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	78	80	100	100				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	32	32	40	40				
**	Bheramara HVDC Interconnector	India		500	500	471	471	483	485				
Khulna Zone Total				1783	1769	1169	1376	1248	1427	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	110	110	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	20	35	33	33				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	70	186	177	194				
104	Bhola Aggreko 95 MW	Gas (QRPP)		95	95	95	97	95	95				
Barishal Zone Total				472	462	295	428	415	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	44	0	44				
108	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	50	100	100	100				
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	44	44	45				
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	35	43	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	214	214	215	215				
114	Sirajganj CCPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	130	198	150	220				
	Sirajganj Unit-3 225MW	Gas (NWPGL)				153	152	155	155			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	9	9	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	43	43	52	52				
Rajshahi Zone Total				1133	1123	712	1008	848	1046	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	15	16	16				
122	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	15	18	18				
Rangpur Zone Total				564	484	0	30	34	34	359	85		
Sub-total: Plants in operation				16102	15559	9621	11099	11432	12504	1884	290		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9236	10654	10974	12003				
Gross Total				16102	15559	9621	11099	11432	12504	1884	290		
(B) Actual data of 14.08.18 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	11099.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10654.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	11099.00	MW, at = 21:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	8433.50	MW, at = 8:00 hrs		Dhaka	4239	4239	0	Mymensingh	771	771	0
05.	Day-peak Generation (Generation end)	:	9621.40	MW, at = 12:00 hrs		Chattogram	1153	1153	0	Sylhet	464	464	0
06.	Evening-peak Generation (Generation end)	:	11099.00	MW, at = 21:00 hrs		Khulna	1319	1319	0	Barishal	271	271	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Rajshahi	1011	1011	0	Rangpur	540	540	0
08.	Generation shortfall at evening peak due to :					Cumilla	886	886	0	Total	10654	10654	0
	a) Gas limitation	:	1525	MW	12.	Fuel cost : (a) Gas = 92646826 Taka (c) Coal = 0 Taka				(b) Oil = 869501359 Taka Total = 962148185 Taka			
	b) Low water level in Kaptai lake	:	0	MW		Maximum Temperature in Dhaka was : 36.3° C							
	c) Plants under shut down/ maintenance	:	290	MW	13.	Export through East-West interconnections :							
09.	Total Energy (Generation + India Import)	:	235.68	MKWh	14.	At evening peak-hour : -560 MW, at 21:00 hrs							
	By Gas = 133.59 MKWH			By Oil = 82.61 MKWh		Maximum : -620 MW, at 14:00 hrs							
	By Coal = 0.00 MKWH			By Hydro = 4.24 MKWh		Energy : 7.2940 MKWh							
10.	Total Gas Supplied	:	1124.58	MMCFD									
(C) Forecast of 15.08.18 (Today) Wednesday :													
01.	Maximum Demand	:	11000	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	12504	MW (Generation end)	05.	Total Generation : 233.58 MKWh							
03.	Maximum Shortage	:	-1504	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 35.5° C							

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation