



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: August, 2018					Day : Thursday				Date : 16.08.18			
Probable Maximum Demand : 11800 MW					Probable Maximum Generation : 12639 MW							
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 105.48 ft				Today = 105.56 ft			
									Rule Curve = 93.80 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.08.18 (Yesterday)		16.08.18 (Today)		15.08.18 (Yesterday)		16.08.18 (Today)	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
					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	110	110	110			
	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	90	100	100	100	Gas Shortage	
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	365	365	365	365			
3	Ghorashal (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	0	55	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	241	287	280	280	73	Gas Shortage	
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	330	350	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	376	412	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	190	215	215			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	50	100	100			
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	32	100	100	100			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	10	51	50	50			
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	270	200	305	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	44	100	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	65	65	84	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	26	74	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	19	22	22	22			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	57	58	58			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	0	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	42	50	52	52			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	32	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	180	228	300	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	105	112	100	150			
	APR Energy, Keraniganj	HSD (IPP)				0	0	0	300			
33	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	10	100	100			
34	Aourahat 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	11	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	48	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	2858	3643	4267	4617	778	105	
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	178	178	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	8	26	26	26			
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	24	50	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	50	135	135			
44	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	206	202	225	225			
45	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	27	50	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	0	47	50	50			
48	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	72	80	80			
49	Barabikunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			39	42	42	42			
50	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	24	92	100	100			
Chattogram Zone Total				1641	1561	695	918	1072	1072	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	36	20	33	40			
53	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	157	216	225	225			
54	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	279	250	360	360			
55	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	300	270	360	360			
56	Ashuganj (Precision)	Gas (RPP)	15'4	55	55	0	20	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	78	68	195	195			
59	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	38	38	45	45			
60	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	83	85	85	85			
61	Tilas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	40	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	22	22	22	22			
64	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	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	8	52	52			
67	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	21	22	22			
68	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	20	200	200			
**	Tripura	India		160	160	126	172	126	173			
Cumilla Zone Total				2601	2541	1435	1548	2054	2193	0	0	
69	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	11	45	60	60	157	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	48	95	95	95			
72	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	115	130	130	130			
73	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.2	0	2	0			
Mymensingh Zone Total				530	522	197.2	292	309	307	157	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.08.18 (Yesterday)		16.08.18 (Today)		15.08.18 (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	68	70	70	70					
75	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	59	61	62	62					
76	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	44	44	51	51					
77	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	50	50					
78	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	130	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	40	40	40	40					
81	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	312	309	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	48	48	48					
84	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	128	128	130	130					
85	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	12	0	19	19					
86	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	38	45	48	48					
87	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	7	9	9	9					
88	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	21	14	23	23					
89	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	320	280	341	341					
Sylhet Zone Total				1594	1549	1400	1328	1481	1481	0	0			
90	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	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	43	0	49					
93	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	66	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	47	93	100	100					
96	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	49	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+7x1.5+15	100	100	0	92	100	100					
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	32	40	40	40					
**	Bheramara HVDC Interconnector	India		500	500	480	481	486	486					
Khulna Zone Total				1783	1769	1018	1340	1251	1428	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	64	96	110	110					
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	10	37	33	33					
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	187	189	194	194					
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	94	98	95	95					
Barishal Zone Total				472	462	355	420	432	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	50	0	43					
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	41	0	44					
108	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50					
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	25	100	100	100					
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	40	45	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	39					
113	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	198	212	215	215					
114	Sirajganj CCPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	148	220	150	220					
	Sirajganj Unit-3 225MW	Gas (NWPGL)				149	151	155	155			On Test		
115	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	0	18	18					
116	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	8	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	43	52	52					
Rajshahi Zone Total				1133	1123	687	1008	849	1045	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	0	18	18					
Rangpur Zone Total				564	484	0	15	34	34	359	85			
Sub-total: Plants in operation				16102	15559	8645	10512	11749	12639	1765	290			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8216	9990	11166	12011					
Gross Total				16102	15559	8645	10512	11749	12639	1765	290			
(B) Actual data of 15.08.18 (Yesterday) Wednesday :														
01.	Max. Demand (Generation end)	:	10512.00	MW, at =	21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	9990.00	MW, at =	21:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	10588.00	MW, at =	22:00 hrs		Dhaka	3723	3723	0	Mymensingh	705	705	0
04.	Minimum Generation (Generation end)	:	8175.40	MW, at =	9:00 hrs		Dhaka	1020	1020	0	Sylhet	411	411	0
05.	Day-peak Generation (Generation end)	:	8645.20	MW, at =	12:00 hrs		Chattogram	1304	1304	0	Rajshahi	259	259	0
06.	Evening-peak Generation (Generation end)	:	10512.00	MW, at =	21:00 hrs		Khulna	998	998	0	Rangpur	538	538	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs		Rajshahi	1032	1032	0	Total	9990	9990	0
08.	Generation shortfall at evening peak due to :						12.	Fuel cost :	(a) Gas = 94401952 Taka	(c) Coal = 0 Taka				
	a) Gas limitation	:	1406	MW				(b) Oil = 670712355 Taka	Total = 765114306 Taka					
	b) Low water level in Kaptai lake	:	0	MW										
	c) Plants under shut down/ maintenance	:	290	MW										
09.	Total Energy (Generation + India Import)	:	224.40	MKWh			13.	Maximum Temperature in Dhaka was : 34.6° C						
	By Gas = 136.91 MKWH			By Oil = 68.57 MKWh			14.	Export through East-West interconnections :						
	By Coal = 0.00 MKWH			By Hydro = 4.13 MKWh				At evening peak-hour : -560 MW, at 21:00 hrs						
								Maximum : -620 MW, at 20:00 hrs						
10.	Total Gas Supplied	:	1157.05	MMCFD				Energy : 7.4865 MKWh						
(C) Forecast of 16.08.18 (Today) Thursday :														
01.	Maximum Demand	:	11800	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	12639	MW	(Generation end)	05.	Total Generation : 250.08 MKWh							
03.	Maximum Shortage	:	-839	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 35.6° C							

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation