



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: August, 2018		Day : Sunday			Date : 19.08.18						
Probable Maximum Demand :		11500 MW			Probable Maximum Generation : 12547 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 105.79 ft			Today = 105.94 ft			Rule Curve = 94.76 ft.			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	18.08.18 (Yesterday)		19.08.18 (Today)		18.08.18 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		
					Day	Evening	Day	Evening	Water Shortfall (MW)	Machines shut down (MW)	
(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	200	200	200	200		
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	52	52	100	100		
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	40	40	40		
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0		105
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	110	110	110	110		
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	147	223	280	280	137	Gas Shortage
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	310	330	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	355	380	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	120	190	190		
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	17	75	100	100		
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	98	97	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	305	305	305	305		
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	91	98	100	100		
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	70	81	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	100	95	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	57	56	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	49	49	52	52		
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	149	149	149	149		
29	Kathpott 52 MW	HFO (IPP)	7x7.90	51	51	40	39	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	122	160	300	300		
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	85	86	100	150		
	APR Energy , Keraniganj	HSD (IPP)				64	308	0	300		
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	101	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	3267	3846	4182	4532	852	105	
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	157	195	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	16	26	26		
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	48	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	100	134	135	135		
44	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	205	202	225	225		
45	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	50	50	50	50		
46	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	90	80	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	24	80	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	30	42	42		
50	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	90	91	100	100		
Chattogram Zone Total			1641	1561	819	997	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	10	20	40		
53	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	208	214	225	225		
54	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	268	250	360	360		
55	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	300	320	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	72	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	85	85	85	85		
61	Tilas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	41	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	0	8	11	11		
65	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	33	33	33		
66	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	52	52	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+15x1.02	200	200	188	200	200	200		
**	Tripura	India		160	160	140	186	130	178		
Cumilla Zone Total			2601	2541	1709	1818	2045	2198	0	0	
69	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	27	10	60	60	192	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	83	67	95	95		
72	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	132	129	140	140		
73	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.7	0	2	0		
Mymensingh Zone Total			530	522	265.7	228	319	317	192	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	18.08.18 (Yesterday)		19.08.18 (Today)		18.08.18 (Yesterday)		Status of Machines under shut-down/ Maintenance		
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :				
						Day	Evening	Day	Evening	Gas Shortfall (MW)	Machines shut down (MW)	Description/ Remarks	Probable start-up date	
74	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	68	63	70	70					
75	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	61	60	62	62					
76	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	44	50	51	51					
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	163	163	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	0	0	40	40					
81	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	238	241	330	330					
82	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	88	89	86	86					
83	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	0	0	48	48					
84	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	127	129	130	130					
85	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	10	18	19	19					
86	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	42	44	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	22	22	23	23					
89	Summit Btiana- 2	Gas (IPP)	1x222+1x119	341	341	310	300	341	341					
Sylhet Zone Total				1594	1549	1243	1249	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 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	44	0	49					
93	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	0	20	80					
94	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0					
95	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	32	92	100	100					
96	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	99	114	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	94	80	92	92					
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	32	40	40					
**	Bheramara HVDC Interconnector	India		500	500	488	488	480	480					
Khulna Zone Total				1783	1769	1147	1308	1257	1414	0	0			
100	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	13	0	14					
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	18	35	33	33					
103	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	187	136	194	194					
104	Bhola Aggreko 95 MW	Gas (QRPP)		95	95	94	96	95	95					
Barisal Zone Total				472	462	347	390	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	51	0	43					
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	41	43	43					
108	Ammura	HFO (QRPP)	7x7.79	50	50	50	40	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	47	45	45					
111	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	43	43	43	43					
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	28	27	39					
113	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	193	214	215	215					
114	Sirajganj CAPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	166	220	220	220					
	Sirajganj Unit-3 225MW	Gas (NWPGL)		148	151	155	155	155	155			On Test		
115	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22					
116	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	9	10	10					
117	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11					
118	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	51	51	52	52					
Rajshahi Zone Total				1133	1123	713	1026	993	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	0	13	16	16					
122	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	10	18	18					
Rangpur Zone Total				564	484	0	23	34	34	359	85			
Sub-total: Plants in operation				16102	15559	9511	10885	11820	12547	1874	290			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8916	10204	11081	11762					
Gross Total				16102	15559	9511	10885	11820	12547	1874	290			
(B) Actual data of 18.08.18 (Yesterday) Saturday :														
01.	Max. Demand (Generation end)	:	10885.00	MW, at = 20:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	10204.00	MW, at = 20:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	10885.00	MW, at = 20:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	8474.50	MW, at = 7:00 hrs		Dhaka	4195	4195	0	Mymensingh	632	632	0	
05.	Day-peak Generation (Generation end)	:	9510.70	MW, at = 12:00 hrs		Chattogram	1068	1068	0	Sylhet	496	496	0	
06.	Evening-peak Generation (Generation end)	:	10885.00	MW, at = 20:00 hrs		Khulna	1057	1057	0	Barisal	291	291	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 20:00 hrs		Rajshahi	1017	1017	0	Rangpur	538	538	0	
08.	Generation shortfall at evening peak due to :					Cumilla	910	910	0	Total	10204	10204	0	
	a) Gas limitation	:	1515	MW		12.	Fuel cost:	(a) Gas = 91532925	Taka	(c) Coal = 0	Taka			
	b) Low water level in Kaptai lake	:	0	MW			(b) Oil = 892524790	Taka	Total = 984057716	Taka				
	c) Plants under shut down/ maintenance	:	290	MW		13.	Maximum Temperature in Dhaka was :	36° C						
09.	Total Energy (Generation + India Import)	:	234.36	MKWh		14.	Export through East-West interconnections :							
	By Gas = 131.71	MKWh	By Oil = 84.42	MKWh			At evening peak-hour	: -480	MW, at 20:00 hrs					
	By Coal = 0.00	MKWh	By Hydro = 4.32	MKWh			Maximum	: -760	MW, at 22:00 hrs					
10.	Total Gas Supplied	:	1101.19	MMCFD			Energy	:	7.8310	MKWh				
(C) Forecast of 19.08.18 (Today) Sunday :														
01.	Maximum Demand	:	11500	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation	:	12547	MW (Generation end)	05.	Total Generation	:	247.60	MKWh					
03.	Maximum Shortage	:	-1047	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	37.2° C						

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation