



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month: August, 2018				Day : Tuesday				Date : 28.08.18				
Probable Maximum Demand : 10800 MW				Probable Maximum Generation : 12870 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 105.70 ft				Today = 105.70 ft				
				Rule Curve = 97.02 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.08.18 (Yesterday)		28.08.18 (Today)		27.08.18 (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 limitation MW	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	37	37	37	37			
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	0	0	0	0			
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	125	120	125	125	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	100	100	100	100	90	Gas Shortage	
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	120	120	120	120			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	106	107	107	107			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	60	75	60	75			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0			
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	20	20	20	20	20	Gas Shortage	
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	348	351	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	430	450	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	100	100	100	100			
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	355	350	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	150	155	155	155	55	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	0	0	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	50	100	100			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	50	50			
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	305	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	55	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	64	84	84			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	50	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	32	102	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	0	22	22			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	25	35	43	43			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33			
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	27	27	33	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	17	52	52			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	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	47	258	300	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	50	111	150	150			
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
34	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
36	Southern Power	HFO (IPP)	3x19.3	55	55	17	55	55	55			
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	55	55	55			
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	8	8			
Dhaka Zone Total				6084	5848	2507	3193	4863	4878	395	0	
39	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	204	202	204	204			
40	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	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	16	16	16			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	47	50	40	48			
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage	
44	Shikalbaha Peaking GT	HSD (PDB)	1 x 150	150	150	50	50	135	135			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	205	204	205	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	50	40	50			
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	80	80	90	100			
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	49	50	50			
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	64	80	80			
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			32	42	30	35			
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	91	92	92	100			
Chattogram Zone Total				1641	1561	760	918	1001	1062	400	0	
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	120	100	120	120			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	120	100	120	130			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	0	0			
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	43	33	42	43			
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	189	185	225	225			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	309	309	360	360			
56	Ashuganj CCPP(North)	Gas (APSCL)	1x360	360	360	360	360	360	360			
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	10	10	20	20			
58	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	53			
59	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	45	74	78	78			
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	40	45	40	45			
61	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	85	85	85			
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50			
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100			
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
65	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
66	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	16	52	52			
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	21	21	21			
69	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	200	200			
**	Tripura	India		160	160	116	150	121	165			
Cumilla Zone Total				2601	2541	1629	1659	2015	2173	0	0	
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	147	198	158	170			
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22			
72	Jamulpur IPP	HFO (IPP)	12x8.924	95	95	8	90	95	95			
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	80	154	170	170			
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.2	0	2	0			
Mymensingh Zone Total				530	522	256.2	464	447	457	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.08.18 (Yesterday)		28.08.18 (Today)		27.08.18 (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 limitation MW	Machines shut down (MW)		
75	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	54	58	60	60				
76	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	31	31	60	60				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	31	31	31	31				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	47	44	50				
79	Kushiera 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
81	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	61	62	66	66				
82	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	0	0	220	220	330	Was Under Maintenance		
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	75	86	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	42	45	47	47				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	125	114	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	19	19				
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	44	47	44	44				
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	9	9				
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	22	23	23	23				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	300	290	300				
Sylhet Zone Total				1594	1549	1005	1046	1303	1319	0	330		
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	48				
92	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	411	410	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	42	0	40				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	80	40	85				
95	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	225	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	10	90	94	94				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	82	99	99	99				
98	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	0	0		Contract expired		
99	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	95	92	92				
100	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	8	24	24				
**	Bheramara HVDC Interconnector	India		500	500	478	485	489	489				
Khulna Zone Total				1783	1769	981	1309	1473	1606	0	0		
101	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	24	0	20				
102	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	80	110	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	26	38	33	33				
104	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	75	120	120	120				
105	Bhola Agreko 95 MW	Gas (QRPP)		95	95	96	96	95	95				
Barishal Zone Total				472	462	277	388	358	378	0	0		
106	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	21.09.18
107	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	50	50				
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	37	48	48				
109	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	90	100	100				
111	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	44	47	47				
112	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	43	50	50	50				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	39	34	34				
114	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	188	214	220	220				
115	Sirajganj CAPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	145	220	220	220				
	Sirajganj Unit-3 225MW	Gas (NWPGL)				0	0	0	0		On Test		
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
117	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	6	10	10				
118	Ulapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	0	42	42				
Rajshahi Zone Total				1133	1123	469	833	904	904	71	100		
120	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.09.18
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	55	57	58	58	28		Coal Shortage	
121	Barapukuria ST:Unit - 3	Coal (PDB)	2 x 274	274	274	0	0	0	0	274		Coal Shortage	
122	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	16	17	17				
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	18	18				
Rangpur Zone Total				564	484	55	91	93	93	302	85		
Sub-total: Plants in operation				16402	15859	7939	9901	12457	12870	1168	515		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7483	9332	11741	12130				
Gross Total				16402	15859	7939	9901	12457	12870	1168	515		
(B) Actual data of 27.08.18 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	9901.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	9332.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9976.00	MW, at = 22:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	6988.80	MW, at = 8:00 hrs		Dhaka	2966	2966	0	Mymensingh	766	766	0
05.	Day-peak Generation (Generation end)	:	7939.20	MW, at = 12:00 hrs		Chattogram	995	995	0	Sylhet	449	449	0
06.	Evening-peak Generation (Generation end)	:	9901.00	MW, at = 21:00 hrs		Khulna	1303	1303	0	Barishal	278	278	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Rajshahi	1070	1070	0	Rangpur	516	516	0
08.	Generation shortfall at evening peak due to :					Cumilla	989	989	0	Total	9332	9332	0
	a) Gas limitation	:	866	MW		12.	Fuel cost : (a) Gas = 107328463 Taka (c) Coal = 7980617 Taka						
	b) Low water level in Kaptai lake	:	0	MW			(b) Oil = 315423625 Taka Total = 430732705 Taka						
	c) Plants under shut down/ maintenance	:	515	MW		13.	Maximum Temperature in Dhaka was : 31.2° C						
09.	Total Energy (Generation + India Import)	:	204.87	MKWh		14.	Export through East-West interconnections :						
	By Gas = 147.32 MKWH			By Oil = 37.08 MKWh			At evening peak-hour : -880 MW, at 21:00 hrs						
	By Coal = 1.31 MKWH			By Hydro = 4.63 MKWh			Maximum : -880 MW, at 21:00 hrs						
10.	Total Gas Supplied	:	1271.82	MMCFD			Energy : 11.7310 MKWh						
(C) Forecast of 28.08.18 (Today) Tuesday :													
01.	Maximum Demand	:	10800	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	12870	MW (Generation end)	05.	Total Generation : 221.79 MKWh							
03.	Maximum Shortage	:	-2070	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 35° C							
* Captive Power ** Imported Power													

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

(MONIRUZZAMAN)
Deputy Secretary, Generation