



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month: August, 2018					Day : Monday				Date : 27.08.18				
Probable Maximum Demand : 10500 MW					Probable Maximum Generation : 12588 MW					Rule Curve = 97.02 ft.			
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 105.70 ft Today = 105.70 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.08.18 (Yesterday)		27.08.18 (Today)		26.08.18 (Yesterday)		Status of Machines under shut-down/ Maintenance		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Probable start-up date		
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)		Description/ Remarks	
(A) Plants in operation:													
1	a) Ghorasal ST:Unit -1	Gas (PDB)	1 x 55	55	40	35	0	35	35				
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	37	37	37	37				
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	125	125	125	125			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	87	104	88	104				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	74	74	40	74				
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	345	351	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	400	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	345	350	412	412				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	180	202	100	150				
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	180	213	150	217				
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100				
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	23	65	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	30	83	100	100				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	32	40	84	84				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	25	55	55				
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	50	100	100				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	7	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	35	35	35	35				
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	17	27	33	33				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	0	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	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	90	260	300	300				
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	45	130	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	36	55	55	55				
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	37	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	2630	3226	4729	4896	335	0		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	204	202	190	202				
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	16	16	16	16				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	30	48	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	135	135	135				
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	205	203	205	225				
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	40	40	40				
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	90	90	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	63	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			40	41	30	35				
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	46	99	92	100				
Chattogram Zone Total				1641	1561	732	1005	987	1050	400	0		
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	90	120	120	120				
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	130	130	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	30	43	42	43				
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	183	182	225	225				
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	298	301	360	360				
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	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	45	65	65				
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	35	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	90	90	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	8	8	11	11				
66	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	34	33	33	33				
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	25	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	136	142	122	165				
Cumilla Zone Total				2601	2541	1590	1667	2003	2160	0	0		
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	196	201	150	170				
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	48	95	95				
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	100	161	170	170				
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0				
Mymensingh Zone Total				530	522	320	432	439	457	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.08.18 (Yesterday)		27.08.18 (Today)		26.08.18 (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	30	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	50	50	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	50	66	66				
82	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0	330		Under Maintenance	31.08.18
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	50	86	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	46	46	47	47				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	90	118	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	19	19				
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	47	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	23	23	22	22				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	50	240	240				
Sylhet Zone Total				1594	1549	661	792	1032	1038	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	380	412	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	41	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	27	83	94	94				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	32	99	99	99				
98	Khulna (Agreko) 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	93	92	92				
100	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	8	40	40				
**	Bheramara HVDC Interconnector	India		500	500	485	485	490	491				
Khulna Zone Total				1783	1769	932	1301	1490	1624	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	110	110	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	25	38	33	33				
104	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	60	120	120	120				
105	Bhola Agreko 95 MW	Gas (QRPP)		95	95	96	96	95	95				
Barishal Zone Total				472	462	291	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	42	48	48				
109	Amnura	HFO (QRPP)	7x7.79	50	50	25	40	50	50				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	85	100	100				
111	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	47	47	47				
112	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	24	43	43	43				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	39	34	34				
114	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	186	215	215	215				
115	Sirajganj CAPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	181	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	10	10	10				
118	Ulapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	8	42	42				
Rajshahi Zone Total				1133	1123	464	832	892	892	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	50	48	58	58	37		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	17	17	17				
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	17	18	18				
Rangpur Zone Total				564	484	50	82	93	93	311	85		
Sub-total: Plants in operation				16402	15859	7670	9725	12023	12588	1117	515		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7228	9165	11331	11863				
Gross Total				16402	15859	7670	9725	12023	12588	1117	515		
(B) Actual data of 26.08.18 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	9725.00	MW,	at =	20:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand (Sub-station end)	:	9165.00	MW,	at =	20:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	9838.00	MW,	at =	23:00 hrs	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	6832.20	MW,	at =	8:00 hrs	Dhaka	2887	2887	0	Mymensingh	776	776
05.	Day-peak Generation (Generation end)	:	7670.00	MW,	at =	12:00 hrs	Chattogram	973	973	0	Sylhet	461	461
06.	Evening-peak Generation (Generation end)	:	9725.00	MW,	at =	20:00 hrs	Khulna	1289	1289	0	Barishal	266	266
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	20:00 hrs	Rajshahi	1057	1057	0	Rangpur	535	535
08.	Generation shortfall at evening peak due to :						Cumilla	921	921	0	Total	9165	9165
	a) Gas limitation	:	806	MW			12.	Fuel cost :	(a) Gas = 104003355 Taka	(c) Coal = 7615088 Taka			
	b) Low water level in Kaptai lake	:	0	MW				(b) Oil = 317843310 Taka	Total = 429461754 Taka				
	c) Plants under shut down/ maintenance	:	515	MW			13.	Maximum Temperature in Dhaka was :	33.7° C				
09.	Total Energy (Generation + India Import)	:	198.86	MKWh			14.	Export through East-West interconnections :					
	By Gas = 141.42 MKWH			By Oil = 36.89 MKWh				At evening peak-hour	:	-840	MW,	at	20:00 hrs
	By Coal = 1.25 MKWH			By Hydro = 4.48 MKWh				Maximum	:	-880	MW,	at	21:00 hrs
10.	Total Gas Supplied	:	1197.83	MMCFD				Energy	:	11.7310	MKWh		
(C) Forecast of 27.08.18 (Today) Monday :													
01.	Maximum Demand	:	10500	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation	:	12588	MW	(Generation end)		05.	Total Generation	:	212.24	MKWh		
03.	Maximum Shortage	:	-2088	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	33.8° C			

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation