



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month: August, 2018					Day : Saturday				Date : 25.08.18			
Probable Maximum Demand : 9500 MW					Probable Maximum Generation : 12283 MW							
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 105.90 ft				Today = 105.90 ft			
					Rule Curve = 96.36 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.08.18 (Yesterday)		25.08.18 (Today)		24.08.18 (Yesterday)		25.08.18 (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 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	35	35	35	35			
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	120	120	120	120	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	0	170	170				
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	13	88	88	88			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	20	35	35	35			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Under Maintenance	28.09.18
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	20	20	20	20	Gas Shortage	
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	110	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	322	351	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	350	430	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	30	90	90			
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	345	375	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	198	193	210	210	17	Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	160	217	180	217			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	7	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	0	7	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	15	84	84			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	10	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	0	15	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	35	35	35	35			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	0	33	33	33			
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	14	13	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	15	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	0	54	54	54			
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	15	125	300	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	15	110	150	150			
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
34	Bramhangoan 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	0	18	55	55			
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	8	8			
Dhaka Zone Total				6084	5848	2186	2637	4899	4936	357	105	
39	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	188	190	190	190			
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	6	50	40	40			
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	60	100	135	135			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	204	204	200	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	8	40	40	40			
47	Julda (Accorn)	HFO (QRPP)	8x13.45	100	100	30	100	100	100			
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	15	49	50	50			
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	50	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			36	42	30	35			
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	12	99	92	92			
Chattogram Zone Total				1641	1561	578	959	992	1022	400	0	
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	100	120	120	120			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	100	100	100	100			
	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	42	42	42	42			
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	183	190	225	225			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	120	242	360	360			
56	Ashuganj CCPP(North)	Gas (APSCL)	1x360	360	360	360	360	360	360			
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	20	20	20			
58	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	53	53			
59	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	16	16	65	65			
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	6	30	35	35			
61	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	10	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	90	90			
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	8	33	33	33			
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	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	84	146	122	165			
Cumilla Zone Total				2601	2541	1183	1533	2016	2109	0	0	
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	202	198	170	170			
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22			
72	Jamulpur IPP	HFO (IPP)	12x8.924	95	95	0	8	95	95			
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	30	153	170	170			
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	2	0			
Mymensingh Zone Total				530	522	232	381	459	457	0	0	

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						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 CCPP-1	Gas (PDB)	2x32+1x33	97	70	40	40	40	40				
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	61	61	60	60				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	31	31	31				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	50	44	44				
79	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	100	163	163				
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
81	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	59	62	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	89	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	10	47	47	47				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	77	78	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	19	19				
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	7	5	44	44				
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	7	9	0	9				
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	21	23	22	22				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	310	341	0				
Sylhet Zone Total				1594	1549	695	916	1104	772	0	0		
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	48				
92	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	380	410	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	47	0	40				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	76	40	85				
95	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	225	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	10	94	94	94				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	16	82	99	99				
98	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	0	0				
99	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	83	92	92				
100	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	16	40	40				
**	Bheramara HVDC Interconnector	India		500	500	485	477	483	491				
Khulna Zone Total				1783	1769	899	1285	1483	1624	0	0		
101	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	12	0	20				
102	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	32	110	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	24	39	33	33				
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	120	120	120	120				
105	Bhola Aggreko 95 MW	Gas (QRPP)		95	95	97	96	95	95				
Barishal Zone Total				472	462	273	377	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	34	48	48				
109	Amnura	HFO (QRPP)	7x7.79	50	50	18	40	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	8	43	43	43				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	34	34	34				
114	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	183	201	215	215				
115	Sirajganj CCPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	180	196	220	220				
	Sirajganj Unit-3 225MW	Gas (NWPGL)				0	0	0	0			On Test	
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	15	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	11	0	11	11				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	50	42	42				
Rajshahi Zone Total				1133	1123	433	814	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	64	59	58	58	26		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	18	18	18				
Rangpur Zone Total				564	484	64	94	93	93	300	85		
Sub-total: Plants in operation				16402	15859	6543	8996	12296	12283	1128	290		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6175	8490	11604	11592				
Gross Total				16402	15859	6543	8996	12296	12283	1128	290		
(B) Actual data of 24.08.18 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	:	8996.00	MW,	at =	21:00 hrs	11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	8490.00	MW,	at =	21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	8996.00	MW,	at =	21:00 hrs	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	6153.00	MW,	at =	9:00 hrs	Dhaka	2487	2487	0	Mymensingh	747	747
05.	Day-peak Generation (Generation end)	:	6543.00	MW,	at =	12:00 hrs	Chattogram	847	847	0	Sylhet	414	414
06.	Evening-peak Generation (Generation end)	:	8996.00	MW,	at =	21:00 hrs	Khulna	1186	1186	0	Barishal	275	275
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	21:00 hrs	Rajshahi	1026	1026	0	Rangpur	552	552
08.	Generation shortfall at evening peak due to :						Cumilla	956	956	0	Total	8490	8490
	a) Gas limitation	:	828	MW			12.	Fuel cost :	(a) Gas = 96420330	Taka	(c) Coal = 8711664	Taka	
	b) Low water level in Kaptai lake	:	0	MW				(b) Oil = 233457966	Taka	Total = 338589960	Taka		
	c) Plants under shut down/ maintenance	:	290	MW			13.	Maximum Temperature in Dhaka was :	34.7° C				
09.	Total Energy (Generation + India Import)	:	180.63	MKWh			14.	Export through East-West interconnections :					
	By Gas = 135.07	MKWH		By Oil = 25.18	MKWh			At evening peak-hour	-730	MW,	at	21:00 hrs	
	By Coal = 1.44	MKWH		By Hydro = 4.47	MKWh			Maximum	-730	MW,	at	21:00 hrs	
10.	Total Gas Supplied	:	1147.96	MMCFD				Energy	:	10.2345	MKWh		
(C) Forecast of 25.08.18 (Today) Saturday :													
01.	Maximum Demand	:	9500	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation	:	12283	MW	(Generation end)		05.	Total Generation	:	190.75	MKWh		
03.	Maximum Shortage	:	-2783	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	34.7° C			

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation