



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: August, 2018			Day : Friday				Date : 31.08.18							
Probable Maximum Demand :			10700 MW				Probable Maximum Generation : 12600 MW							
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 105.26 ft				Today = 105.12 ft				Rule Curve = 98.67 ft.			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.08.18 (Yesterday)		31.08.18 (Today)		30.08.18 (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	37	37	37	37					
	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	95	85	100	100	105	Gas Shortage			
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	140	120	120	120					
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	85	84	84	84					
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	71	72	70	72					
5	Tongji 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	96	110	110					
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	272	246	360	360					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	450	430	450	450					
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	100	0	100	100					
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	348	345	412	412					
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	97	100	130	100					
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	218	217	217					
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	90	100	100					
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	60	100	100	100					
16	Paglia (DPA)	HSD (QRPP)	100x0.5	50	50	0	51	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	91	92	92	92					
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	48	81	81	81					
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	46	0	55	55					
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	100	100	100	100					
22	Gagnagar (Oron)	HFO (IPP)	12x8.924	102	102	48	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	43	55	55	55					
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33					
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33					
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	41	35	43	43					
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	48	149	149	149					
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	38	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	183	213	300	300					
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	125	120	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	51	100	100					
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	83	100	100					
36	Southern Power	HFO (IPP)	3x19.3	55	55	55	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	0	0					
Dhaka Zone Total				6084	5848	2959	3624	4841	4813	355	0			
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	200	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	16	16	16	16					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	50	50	50	50					
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	135	50	135	135					
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	231	230	225	225					
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	40	40	40					
47	Julda (Accorn)	HFO (QRPP)	8x13.45	100	100	80	80	80	80					
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	5	48	50	50					
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	42	74	75	75					
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19					
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			6	35	35	35					
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	78	93	93	93					
Chattogram Zone Total				1641	1561	902	937	1022	1022	400	0			
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	100	100	100	100					
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	110	110	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	43	43	43	43					
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	117	51	225	225					
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	323	300	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	5	5	5					
58	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5					
59	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	68	162	78	78					
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	45	40	45					
61	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	85	85	85					
62	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	41	0	41					
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	0	57	35	60					
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	25	25	33	33					
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	15	52	52					
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	20	20	20					
69	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	100	200	200					
**	Tripura	India		160	160	122	150	121	165					
Cumilla Zone Total				2601	2541	1459	1707	1895	2010	0	0			
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	103	83	100	100	119	Gas Shortage			
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22					
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	24	88	95	95					
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	175	175	175	175					
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	2	0					
Mymensingh Zone Total				530	522	324.3	368	394	392	119	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.08.18 (Yesterday)		31.08.18 (Today)		30.08.18 (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 CCGP-1	Gas (PDB)	2x32+1x33	97	70	60	59	0	60					
76	Fenchuganj CCGP-2	Gas (PDB)	2x35+1x35	104	90	30	30	0	60					
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	34	36	0	34					
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	47	0	47					
79	Kushiana 163 MW CCGP	Gas (IPP)	1x109+1x54	163	163	100	130	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	47	66	66					
82	Shajibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	240	301	300	300					
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	86	86	86	86					
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	45	45	45					
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	80	118	130	130					
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	19	19					
87	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	46	48	48	49					
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	7	7	7	7					
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	23	23	23	23					
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	300	280	300	341					
Sylhet Zone Total				1594	1549	1189	1287	1198	1441	0	0			
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	48					
92	Bheramara 360 MW CCGP	Gas (NWPGL)	1 x 278+1 x 132	410	410	410	414	410	410					
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	41	0	41					
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	62	0	80					
95	Khulna CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225					
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	51	93	93	93					
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	66	95	95	95					
98	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	0	0			Contract expired		
99	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	95	95	95					
100	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	16	16	16					
**	Bheramara HVDC Interconnector	India		500	500	482	491	489	489					
Khulna Zone Total				1783	1769	1017	1307	1198	1592	0	0			
101	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	24	0	24					
102	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	96	110	110					
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	23	38	33	33					
104	Bhola CCGP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	146	146	146	146					
105	Bhola Agreko 95 MW	Gas (QRPP)		95	95	51	96	95	95					
Barishal Zone Total				472	462	236	400	384	408	0	0			
106 a)	Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage		
106 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	40	40					
109	Amnura	HFO (QRPP)	7x7.79	50	50	40	40	40	40					
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	90	100	100					
111	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	47	47	47					
112	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50					
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	33	32	32	32					
114	Sirajganj CCGP 1	Gas (NWPGL)	1x150+1x75	210	210	188	216	214	214					
115	Sirajganj CCGP 2	HSD (NWPGL)	1x150 + 1x75	220	220	220	220	220	220					
	Sirajganj Unit-3 225MW	Gas (NWPGL)				0	0	0	0			On Test		
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22					
117	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	10	10					
118	Ulapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
119	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	52	51	42	51					
Rajshahi Zone Total				1133	1123	622	876	878	887	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	
120 b)	Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		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	15	0	16					
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	19	0	19					
Rangpur Zone Total				564	484	0	34	0	35	359	85			
Sub-total: Plants in operation				16402	15859	8708	10540	11810	12600	1304	185			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8213	9940	11138	11883					
Gross Total				16402	15859	8708	10540	11810	12600	1304	185			
(B) Actual data of 30.08.18 (Yesterday) Thursday :														
01.	Max. Demand (Generation end)	:	10540.00	MW, at = 20:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	9940.00	MW, at = 20:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	10540.00	MW, at = 20:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	7654.30	MW, at = 7:00 hrs		Dhaka	3537	3537	0	Mymensingh	783	783	0	
05.	Day-peak Generation (Generation end)	:	8708.30	MW, at = 12:00 hrs		Chattogram	1027	1027	0	Sylhet	458	458	0	
06.	Evening-peak Generation (Generation end)	:	10540.00	MW, at = 20:00 hrs		Khulna	1311	1311	0	Barishal	276	276	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 20:00 hrs		Rajshahi	1079	1079	0	Rangpur	529	529	0	
08.	Generation shortfall at evening peak due to :					Cumilla	940	940	0	Total	9940	9940	0	
a)	Gas limitation	:	945	MW	12.	Fuel cost :	(a) Gas = 107741664	Taka	(c) Coal = 0	Taka				
b)	Low water level in Kaptai lake	:	0	MW		(b) Oil = 431749944	Taka	Total = 539491608	Taka					
c)	Plants under shut down/ maintenance	:	185	MW	13.	Maximum Temperature in Dhaka was :	34° C							
09.	Total Energy (Generation + India Import)	:	216.82	MKWh	14.	Export through East-West interconnections :								
	By Gas = 148.81	MKWH	By Oil = 48.46	MKWh		At evening peak-hour	-840	MW, at 20:00 hrs						
	By Coal = 0.00	MKWH	By Hydro = 4.60	MKWh		Maximum	-920	MW, at 5:00 hrs						
10.	Total Gas Supplied	:	1253.33	MMCFD		Energy	:	11.9405	MKWh					
(C) Forecast of 31.08.18 (Today) Friday :														
01.	Maximum Demand	:	10700	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation	:	12600	MW (Generation end)	05.	Total Generation	:	220.11	MKWh					
03.	Maximum Shortage	:	-1900	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.8° C						

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation