



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month: August, 2018				Day : Thursday				Date : 30.08.18					
Probable Maximum Demand :				11000 MW		Probable Maximum Generation : 12631 MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 105.42 ft		Today = 105.42 ft		Rule Curve = 98.01 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.08.18 (Yesterday)		30.08.18 (Today)		29.08.18 (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	37	37	37	37				
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	12	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	95	100	100	95		Gas Shortage	
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	200	120	120	120				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	107	102	107	107				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	70	70	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	55	110	110				
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	350	352	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	430	430	450	450				
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	105	100	100	100				
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	353	350	412	412				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	80	204	130	155				
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	199	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	20	100	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	40	100	100	100				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	65	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	20	70	100	100				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	50	102	102				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22				
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	39	43	43	43				
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	30	33	33	33				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	25	41	43	43				
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	25	98	149	149				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	38	34	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	180	226	300	300				
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	114	124	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	55	55	55	55				
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	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	2904	3562	4869	4899	345	0		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	152	205	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	44	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	50	135	135	135				
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	219	231	225	225				
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	50	40	50				
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	80	77	80	80				
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	15	48	50	50				
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	8	65	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			2	33	10	35				
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	86	94	92	100				
Chattogram Zone Total				1641	1561	731	1023	1001	1044	400	0		
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	90	80	100	100				
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	90	90	110	110				
	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	43	42	43				
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	220	182	225	225				
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	300	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	5				
59	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	78	78	78	78				
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	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	41	0	50				
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0	163		Under Maintenance	05.09.18
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	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	25	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	118	156	121	165				
Cumilla Zone Total				2601	2541	1482	1555	1885	1985	0	163		
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	116	99	105	105	103		Gas Shortage	
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	89	95	95				
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	156	177	175	175				
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.4	0	2	0				
Mymensingh Zone Total				530	522	303.4	387	399	397	103	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.08.18 (Yesterday)		30.08.18 (Today)		29.08.18 (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	59	58	60	60				
76	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	62	0	60	60				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	34	34	34				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	30	47	47	47				
79	Kushiera 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	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	62	66	66				
82	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	205	210	220	220				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	86	86	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	45	45	45				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	78	100	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	19	19	19				
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	46	49	48	49				
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	9	9				
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	23	23	23				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	300	300	290	320				
Sylhet Zone Total				1594	1549	1199	1183	1311	1342	0	0		
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	25	0	48				
92	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	410	412	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	35	0	40				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	78	40	85				
95	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	10	84	94	94				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	16	83	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	94	94	94				
100	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	8	24	24				
**	Bheramara HVDC Interconnector	India		500	500	475	480	489	489				
Khulna Zone Total				1783	1769	911	1299	1250	1608	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	80	110	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	26	39	33	33				
104	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	75	146	146	146				
105	Bhola Agreko 95 MW	Gas (QRPP)		95	95	95	96	95	95				
Barishal Zone Total				472	462	276	415	384	408	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	43	48	48				
109	Amnura	HFO (QRPP)	7x7.79	50	50	40	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	46	47	47				
112	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	34	0	34				
114	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	219	215	220	220				
115	Sirajganj CAPP 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	22	22	22	22				
117	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	10	10				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	51	42	51				
Rajshahi Zone Total				1133	1123	624	882	870	913	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	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	17	17	17				
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	17	18	18				
Rangpur Zone Total				564	484	0	34	35	35	359	85		
Sub-total: Plants in operation				16402	15859	8430	10340	12004	12631	1278	348		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7962	9766	11338	11930				
Gross Total				16402	15859	8430	10340	12004	12631	1278	348		
(B) Actual data of 29.08.18 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	10340.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	9766.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	10340.00	MW, at = 21:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	7356.40	MW, at = 7:00 hrs		Dhaka	3331	3331	0	Mymensingh	768	768	0
05.	Day-peak Generation (Generation end)	:	8430.40	MW, at = 12:00 hrs		Chattogram	1055	1055	0	Sylhet	451	451	0
06.	Evening-peak Generation (Generation end)	:	10340.00	MW, at = 21:00 hrs		Khulna	1288	1288	0	Barishal	290	290	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Rajshahi	1107	1107	0	Rangpur	529	529	0
08.	Generation shortfall at evening peak due to :					Cumilla	947	947	0	Total	9766	9766	0
	a) Gas limitation	:	919	MW		12.	Fuel cost : (a) Gas = 108229790 Taka (c) Coal = 0 Taka				Total = 453916977 Taka		
	b) Low water level in Kaptai lake	:	0	MW			(b) Oil = 345687187 Taka						
	c) Plants under shut down/ maintenance	:	348	MW		13.	Maximum Temperature in Dhaka was : 32.4° C						
09.	Total Energy (Generation + India Import)	:	210.93	MKWh		14.	Export through East-West interconnections :						
	By Gas = 150.05 MKWH			By Oil = 42.18 MKWh		At evening peak-hour : -830 MW, at 21:00 hrs							
	By Coal = 0.00 MKWH			By Hydro = 4.00 MKWh		Maximum : -860 MW, at 19:30 hrs							
10.	Total Gas Supplied	:	1296.18	MMCFD		Energy : 11.4585 MKWh							
(C) Forecast of 30.08.18 (Today) Thursday :													
01.	Maximum Demand	:	11000	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	12631	MW (Generation end)	05.	Total Generation : 224.40 MKWh							
03.	Maximum Shortage	:	-1631	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