



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: August, 2018				Day : Thursday				Date : 09.08.18				
Probable Maximum Demand :				11500 MW		Probable Maximum Generation :				12318 MW		
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 104.58 ft		Today = 104.58 ft		Rule Curve = 91.24 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.08.18 (Yesterday)		09.08.18 (Today)		08.08.18 (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	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	35	35	35	35			
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	30	30	30	30			
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	120	120	120	120			
	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	0	0	0	0	190		Gas Shortage
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	365	365	365	365			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	22	22	22	22			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	20	60	77	77			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0		105	Under Maintenance
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	0	0	40		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	222	220	360	360	140		Gas Shortage
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	340	340	350	350			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	366	368	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	215	218	217	217			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	100	100	100			
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	100	100	100	100			
16	Paglia (DPA)	HSD (QRPP)	100x0.5	50	50	20	51	50	50			
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	200	200	305	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	93	97	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	65	65	81	81			
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	74	88	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	98	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	55	57	57	57			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
26	Summit Power, Rupganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	51	52	52			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	117	133	149	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	40	38	40	40			
30	Kamalaghat Murshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54			
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	78	260	300	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	82	116	150	150			
	APR Energy, Keraniganj	HSD (IPP)				309	303	310	310			On Test
33	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	51	100	100			
34	Aourahat 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	41	100	100			
35	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	55	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	8	8	8			
Dhaka Zone Total				5784	5548	3388	4056	4609	4609	925	105	
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	115	190	190	190			
39	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
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	16	25	16	16			
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	38	44	45	45			
42	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage
43	Shikalbaha Peaking GT	HSD (PDB)	1 x 150	150	150	130	135	135	135			
44	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	229	202	225	225			
45	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	50	50	50			
46	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	90	90	90	90			
47	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	17	46	51	51			
48	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	65	33	65			
49	Barabikunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	24	8	12			
50	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	90	99	100	100			
Chattogram Zone Total				1641	1561	786	989	962	998	400	0	
51	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	80	80	80			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	0	0	0	0			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	80	80	80	80			
52	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	30	43	43	43			
53	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	217	220	225	225			
54	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	275	260	360	360			
55	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	300	275	360	360			
56	Ashuganj (Precision)	Gas (RPP)	15'4	55	55	0	0	0	0			
57	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5			
58	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	73	73	73	73			
59	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	45	45	45			
60	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	85	85	85			
61	Tilas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	49	0	50			
62	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100			
63	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22			
64	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
65	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
66	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	8	52	52			
67	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	21	22	22			
68	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	10	100	200			
**	Tripura	India		160	160	120	154	121	163			
Cumilla Zone Total				2601	2541	1494	1574	1817	2009	0	0	
69	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	47	47	85	85	155		Gas Shortage
70	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22			
71	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	90	90	90	90			
72	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	52	151	156	160			
73	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.8	0	2	0			
Mymensingh Zone Total				530	522	210.8	310	355	357	155	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.08.18 (Yesterday)		09.08.18 (Today)		08.08.18 (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 MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
74	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	69	66	69	69				
75	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	61	62	60	62				
76	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	50	50	50				
77	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	50	50				
78	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	0	0	0	0	163		Under Maintenance	10.08.18
79	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
80	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	32	30	30	30				
81	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	153	151	150	150				
82	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	85	85	86	86				
83	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	45	47	47				
84	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	128	118	130	130				
85	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	19	19				
86	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	42	45	48	48				
87	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	7	7	8	8				
88	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	23	19	23	23				
89	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	270	290	341	341				
Sylhet Zone Total				1594	1549	1047	1048	1122	1124	0	163		
90	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	16	0	42				
91	Bheramara 360 MW CCPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	400	413	410	410				
92	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	49	42	42				
93	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	84	80	80				
94	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	100	225				
95	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	48	95	60	100				
96	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	115	115	115	115				
97	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	53	0	54				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	96	100	100				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	32	40	40				
**	Bheramara HVDC Interconnector	India		500	500	491	488	496	496				
Khulna Zone Total				1783	1769	1054	1441	1443	1704	0	0		
100	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	80	100	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	11	37	33	33				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	154	188	190	194				
104	Bhola Aggreko 95 MW	Gas (QRPP)		95	95	95	96	95	95				
Barishal Zone Total				472	462	340	421	428	462	0	0		
105	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	13.08.18
106	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	43	0	43				
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	32	0	32				
108	Amnura	HFO (QRPP)	7x7.79	50	50	40	40	50	50				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	33	100	60	100				
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	45	47	47				
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	35	43	43	43				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	40	40	41	41				
113	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	180	220	210	210				
114	Sirajganj CCPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	130	220	210	210				
	Sirajganj Unit-3 225MW	Gas (NWPGLCL)				152	158	154	154			On Test	
115	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	18	18	18				
116	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	10	10				
117	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
118	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	51	51	52	52				
Rajshahi Zone Total				1133	1123	700	1031	906	1021	71	100		
119	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	29.08.18
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
120	Barapukuria ST:Unit - 3	Coal (PDB)	2 x 274	274	274	0	0	0	0	274		Coal Shortage	
121	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	16	16				
122	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	15	18	18				
Rangpur Zone Total				564	484	0	32	34	34	359	85		
Sub-total: Plants in operation				16102	15559	9020	10902	11676	12318	1910	453		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8632	10433	11174	11788				

Gross Total	16102	15559	9020	10902	11676	12318	1910	453		
--------------------	--------------	--------------	-------------	--------------	--------------	--------------	-------------	------------	--	--

(B) Actual data of 08.08.18 (Yesterday) Wednesday :															
01.	Max. Demand (Generation end)	:	10902.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	10433.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	:	10902.00	MW, at = 21:00 hrs			MW	MW	MW		MW	MW	MW		
04.	Minimum Generation (Generation end)	:	7985.50	MW, at = 7:00 hrs	Dhaka	3942	3942	0		Mymensingh	762	762	0		
05.	Day-peak Generation (Generation end)	:	9019.80	MW, at = 12:00 hrs	Chattogram	1109	1109	0		Sylhet	456	456	0		
06.	Evening-peak Generation (Generation end)	:	10902.00	MW, at = 21:00 hrs	Khulna	1277	1277	0		Barishal	291	291	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs	Rajshahi	994	994	0		Rangpur	593	593	0		
08.	Generation shortfall at evening peak due to :				Cumilla	1009	1009	0		Total	10433	10433	0		
	a) Gas limitation	:	1551	MW	12.	Fuel cost :		(a) Gas = 91879732 Taka		(c) Coal = 0			Taka		
	b) Low water level in Kaptai lake	:	0	MW		(b) Oil = 731729555 Taka				Total = 823609287			Taka		
	c) Plants under shut down/ maintenance	:	453	MW	13.	Maximum Temperature in Dhaka was :							33.4° C		
09.	Total Energy (Generation + India Import) :				221.60	MMKWh	14.	Export through East-West interconnections :							
	By Gas = 131.95		MMKWh		By Oil = 70.44		MMKWh		At evening peak-hour :				-420	MW, at	21:00 hrs
	By Coal = 0.00		MMKWh		By Hydro = 4.10		MMKWh		Maximum :				-590	MW, at	6:00 hrs
10.	Total Gas Supplied				:	1096.65	MMCFD	Energy		:	5.6035	MMKWh			

(C)	Forecast of 09.08.18 (Today) Thursday :					
01.	Maximum Demand	:	11500	MW	(Generation end)	04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)
02.	Maximum Generation	:	12318	MW	(Generation end)	05. Total Generation : 233.75 MKWh
03.	Maximum Shortage	:	-818	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