



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2019		Day : Saturday				Date : 16.02.19						
Probable Maximum Demand :		8900 MW		Probable Maximum Generation :		12914 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 93.63 ft		Today = 93.51 ft		Rule Curve = 94.90 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.02.19 (Yesterday)		16.02.19 (Today)		15.02.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :	Probable start-up date				
(A) Plants in operation:												
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	0	0	0	0	40	Gas Shortage	
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	35	35	35	35			
	c) Ghorasal: Unit-3 GT	Gas (PDB)	1 x 210	210	170	0	0	0	0		On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	0	0	0	0		On Test	
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	190	190	190	190			
2	Ghorasal CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	250	300	380	380			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	22	0	22			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	20	0	40			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage	
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	40	40	40	40			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	96	96			
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	0	0	0	0	360	Under Maintenance	
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	360	390	450	450		25.3.19	
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage	
11	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	340	350	380	380			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	73	150	200	200	60	Gas Shortage	
13	Shiddirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	114	114	114	114			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
16	Meghnaghat CCGP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0	305	Under Maintenance	
17	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100		07.3.19	
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	0	0	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	55	57	58	58			
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	8	30	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	25	16	52	52			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149			
28	Kathpolti 52 MW	HFO (IPP)	7x7.90	51	51	0	0	47	47			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	17	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	0	200	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	149	149			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	200	300			
33	Bramhangon 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
35	Southern Power	HFO (IPP)	3x19.3	55	55	0	0	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	0	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	49	49			
Dhaka Zone Total				6034	5798	1562	1786	3698	4160	320	665	
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	70	72	184	184	158	Water Level Low	
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	150	150	150	150	30	Gas Shortage	
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	120	130	130	130			
40	Razzan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	12	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	50	50	50			
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage	
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150	Gas Shortage	
45	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225	Gas Shortage	
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	43	40	50	50			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	36	74	75			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	50	74	74	74			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	36	68	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	48	80	80			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	19	20	20			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			36	39	35	35			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	12	100	100			
Chattogram Zone Total				1761	1681	526	731	1060	1041	603	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	100	100	110			
	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			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	10	35	33	33			
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	158	185	221	221			
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	290	272	360	360			
57	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	260	300	360	360			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5			
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5			
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	45	45	45			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	0	150	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	5	85	85	85			
64	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50			
65	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	95	96	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	33	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
68	Feni, Mohpal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	0	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	33	33			
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	22	22	22	22			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200			
**	Tripura	India		160	160	84	114	102	124			
Cumilla Zone Total				2951	2891	1162	1432	2094	2276	0	0	
73	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	160	160	160	160	42	Gas Shortage	
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	86	86	88	88			
	United Jamalpur PPL	HFO (IPP)				0	50	115	115		On Test	
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	33	7	100	200			
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1	0	2	0			
Mymensingh Zone Total				530	522	302	325	487	585	42	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.02.19 (Yesterday)		16.02.19 (Today)		15.02.19 (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)		
78	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	30	30	30	30				
79	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	62	60	61	61				
80	Fenchuganj (Barakattullah)	Gas (RPP)	19x2.90	51	51	5	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	50	44	44				
82	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	130	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
84	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	55	41	66	66				
85	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	268	300	330	330				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	86	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	48	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	0	0	0				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	20	20				
90	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	6	24	23	23				
91	Sylhet (Desti)	Gas (RPP)	6x1.95	10	10	0	10	10	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	16	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	165	250	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	741	1128	1311	1311	0	0		
94	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
95	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	200	380	410	410				
96	Fairdip Peaking	HFO (PDB)	8x6.98	54	54	0	45	0	44				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	20	0	70				
98	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	49	115	115				
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	100	100	60	0	100	100				
101	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	53	72	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	559	763	726	873				
Khulna Zone Total				2223	2209	912	1369	1496	1803	0	0		
103	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
104	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	16	100	100				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	26	26	26				
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	162	161	177	177				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	12	93	95	95				
Barishal Zone Total				472	462	191	296	398	428	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	70	70	70	70				
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
109	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	50				
	Paramount Baghabari	HSD (IPP)				0	0	0	0				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	47				
111	Ammura	HFO (QRPP)	7x7.79	50	50	30	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	51	100	100				
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	40	40				
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	25	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	31	0	31				
116	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	179	182	196	196				
117	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	175	188	200	200				
118	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	146	179	200	200				
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	10	150	0	0	132		Gas Shortage	
120	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
121	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	13	17	17	17				
122	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	43	52	52				
	Confidence CPBL-2	HFO (IPP)				0	0	0	0			On Test	
Rajshahi Zone Total				1635	1625	705	1009	998	1126	232	0		
124	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	20.03.19
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
125	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	149	149	149	149	125		Coal Shortage	
126	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	17				
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	18	18				
Rangpur Zone Total				564	484	149	167	167	184	210	85		
Sub-total: Plants in operation				17764	17221	6250	8243	11709	12914	1407	750		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5826	7684	10915	12038				
Gross Total				17764	17221	6250	8243	11709	12914	1407	750		
(B) Actual data of 15.02.19 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	:	8243.00	MW, at = 20:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end):							
02.	Max. Demand (Sub-station end)	:	7684.00	MW, at = 20:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8243.00	MW, at = 20:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5627.00	MW, at = 5:00 hrs	Dhaka	2580	2580	0	Mymensingh	688	688	0	
05.	Day-peak Generation (Generation end)	:	6250.00	MW, at = 9:00 hrs	Chattogram	824	824	0	Sylhet	301	301	0	
06.	Evening-peak Generation (Generation end)	:	8243.00	MW, at = 20:00 hrs	Khulna	960	960	0	Barishal	188	188	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 20:00 hrs	Rajshahi	894	894	0	Rangpur	553	553	0	
08.	Generation shortfall at evening peak due to :				Cumilla	696	696	0	Total	7684	7684	0	
	a) Gas limitation	:	1039	MW	12.	Fuel cost:	(a) Gas = 90017067 Taka	(c) Coal = 14162726 Taka					
	d) Coal supply Limitation	:	210	MW			(b) Oil = 80492067 Taka	Total = 104179793 Taka					
	b) Low water level in Kaptai lake	:	158	MW									
	c) Plants under shut down/ maintenance	:	750	MW	13.	Maximum Temperature in Dhaka was :	30.5° C						
09.	Total Energy (Generation + India Import)	:	157.57	MKWh	14.	Export through East-West interconnections :							
	By Gas = 125.987 MKWh	By Oil = 10.076 MKWh				At evening peak-hour	:	110	MW, at 20:00 hrs				
	By Coal = 3.669 MKWh	By Hydro = 1.634 MKWh				Maximum	:	-160	MW, at 1:00 hrs				
	By Solar = 0.146 MKWh												
10.	Total Gas Supplied	:	1076.00	MMCFD		Energy	:	0.2230	MKWh				
(C) Forecast of 16.02.19 (Today) Saturday :													
01.	Maximum Demand	:	8900	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	12914	MW (Generation end)	05.	Total Generation	:	170.12	MKWh				
03.	Maximum Shortage	:	-4014	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	26.3° C					

* Captive Power ** Imported Power

#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZAMAN)
Deputy Secretary, Generation