



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2019					Day : Thursday				Date : 14.02.19				
Probable Maximum Demand : 9000 MW					Probable Maximum Generation : 12879 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 94.08 ft		Today = 93.79 ft		Rule Curve = 95.18 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.02.19 (Yesterday)		14.02.19 (Today)		13.02.19 (Yesterday)		14.02.19 (Today)		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)			
(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	150	190	190	190	0			Gas Shortage
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	270	320	380	380				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	108	22	0	22				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	40	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 CCPP	Gas (IPP)	1x235+1x125	360	360	0	0	0	0		360		Under Maintenance 25.3.19
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	370	450	450	450				
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	363	380	380				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	80	76	200	200	134			Gas Shortage
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0				
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 CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0	305			Under Maintenance 25.3.19
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	7	100	100				
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	48	100	100				
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	30	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	20	102	102				
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	19	22	22				
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	49	54	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	17	24	33	33				
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	51	51	52	52				
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	25	149	149				
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	46	47	47				
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	54	54	54				
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	0	300	300				
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	8	149	149				
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	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	55	55	55				
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	54	55	55				
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	10	49	49				
Dhaka Zone Total				6034	5798	1648	2074	3784	4046	394	665		
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	230	72	184	184	158			Water Level Low
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	90	120	130	120	60			Gas Shortage
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	140	120	120	120				
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	17	16	25	25				
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	20	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	18	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 CCPP (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+1x1.5	51	51	40	41	50	50				
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	75	74	75				
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	74	74	74	74				
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	68	68	68				
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	33	80	80				
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	20	20				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	19	14	27				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	13	77	100	100				
Chattogram Zone Total				1761	1681	675	784	1009	993	633	0		
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	110	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	0	0	0	0				
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	33	36	33	33				
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	227	186	221	221				
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	320	309	360	360				
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	320	360	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	24	24	45	45				
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	82	150	150				
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	10	40	85	85				
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50				
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	96	100	100				
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	78	200	200				
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	7	22	22				
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	8	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	21	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	102	126	103	126				
Cumilla Zone Total				2951	2891	1271	1530	2015	2198	0	0		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	156	155	163	160	47			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	85	88	88				
	United Jamalpur PPL	HFO (IPP)				0	116	115	115				On Test
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	50	40	100	200				
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	2	0				
Mymensingh Zone Total				530	522	316.3	418	490	585	47	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.02.19 (Yesterday)		14.02.19 (Today)		13.02.19 (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 CCPP-1	Gas (PDB)	2x32+1x33	97	70	30	29	30	30				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	61	61	61	61				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	22	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	20	37	44	44				
82	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	100	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
84	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	65	41	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	337	300	330	330				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	80	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	20	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	99	85	0	0				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20				
90	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	23	23	23	23				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	25	24	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	270	250	341	341				
	Bibiana- 3	Gas (PDB)				124	130	320	200			On Test	
Sylhet Zone Total				1594	1549	1224	1283	1631	1511	0	0		
94	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
95	Bheramara 360 MW CCPP	Gas (NWPGCL)	1 x 278+1 x 132	410	410	320	270	410	410				
96	Fairidpur Peaking	HFO (PDB)	8x6.98	54	54	0	44	0	44				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	50	0	70				
98	Khulna CCPP	HSD (NWPGCL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	16	66	115	115				
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	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	105	90	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	704	852	713	862				
Khulna Zone Total				2223	2209	1185	1412	1483	1792	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	32	100	100				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	11	19	26	26				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	177	173	177	177				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	22	97	95	95				
Barishal Zone Total				472	462	210	321	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	50	0	50				
	Paramount Baghabari	HSD (IPP)				212	210	215	215				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	47				
111	Ammura	HFO (QRPP)	7x7.79	50	50	40	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	26	100	100	100				
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	40	40				
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	25	50	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	31	0	31				
116	Sirajganj CCPP 1	Gas (NWPGCL)	1x150+1x75	210	210	164	188	196	196				
117	Sirajganj CCPP 2	Gas (NWPGCL)	1x150 + 1x75	220	220	159	0	0	0	220		Gas Shortage	
118	Sirajganj CCPP-3	Gas (NWPGCL)	1x141+1x79	220	220	0	183	200	200				
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0	282		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	11	16	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	52	52	52				
	Confidence CPBL-2	HFO (IPP)				0	0	0	0			On Test	
Rajshahi Zone Total				1635	1625	789	1023	1013	1141	602	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	150	149	150	124		Coal Shortage	
126	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	17				
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	18	18				
Rangpur Zone Total				564	484	149	185	167	185	209	85		
Sub-total: Plants in operation				17764	17221	7467	9030	11990	12879	1885	750		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7123	8614	11438	12286				
Gross Total				17764	17221	7467	9030	11990	12879	1885	750		
(B) Actual data of 13.02.19 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	9030.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8614.00	MW, at = 19:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9030.00	MW, at = 19:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5494.00	MW, at = 4:00 hrs		Dhaka	3051	3051	0	Mymensingh	729	729	0
05.	Day-peak Generation (Generation end)	:	7467.30	MW, at = 12:00 hrs		Chattogram	940	940	0	Sylhet	328	328	0
06.	Evening-peak Generation (Generation end)	:	9030.00	MW, at = 19:00 hrs		Khulna	1019	1019	0	Barishal	198	198	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Rajshahi	988	988	0	Rangpur	624	624	0
08.	Generation shortfall at evening peak due to :					Cumilla	737	737	0	Total	8614	8614	0
	a) Gas limitation	:	1518	MW		12.	Fuel cost :				(c) Coal = 14116406 Taka		
	d) Coal supply Limitation	:	209	MW			(a) Gas = 93876579 Taka				Taka		
	b) Low water level in Kaptai lake	:	158	MW			(b) Oil = 108295891 Taka				Total = 107992985 Taka		
	c) Plants under shut down/ maintenance	:	750	MW		13.	Maximum Temperature in Dhaka was : 29.8° C						
09.	Total Energy (Generation + India Import)	:	174.24	MKWh		14.	Export through East-West interconnections :						
	By Gas = 127.108 MKWH	By Oil = 21.038 MKWh					At evening peak-hour : -230 MW, at 19:00 hrs						
	By Coal = 3.657 MKWH	By Hydro = 2.732 MKWh					Maximum : -240 MW, at 8:00 hrs						
	By Solar= 0.153 MKWH												
10.	Total Gas Supplied	:	1090.49	MMCFD			Energy : 0.5940 MKWh						
(C) Forecast of 14.02.19 (Today) Thursday :													
01.	Maximum Demand	:	9000	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	12879	MW (Generation end)	05.	Total Generation : 173.66 MKWh							
03.	Maximum Shortage	:	-3879	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 29.7° C							

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

(MONIRUZAMAN)
Deputy Secretary, Generation