



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2019					Day : Wednesday				Date : 13.02.19				
Probable Maximum Demand : 9100 MW					Probable Maximum Generation : 12993 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 94.26 ft		Today = 94.08 ft		Rule Curve = 95.32 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.02.19 (Yesterday)		13.02.19 (Today)		12.02.19 (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)			
(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	285	143	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	0	110	110	110	80		Gas Shortage	
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	380	380	380				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	0	0				
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				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	450	380	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	380	355	380	380				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	96	100	200	200	110		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 Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100				
16	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0				
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100				
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	12	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	7	102	102				
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	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	25	25	33	33				
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	25	51	52	52				
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149				
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	47	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	30	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	0	55	55				
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	55	55	55				
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	49	49	49				
Dhaka Zone Total				6034	5798	1848	2015	3704	3904	450	0		
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	74	184	184	156		Water Level Low	
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	0	0	90	90	180		Gas Shortage	
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	150	180	150	150				
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25				
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	16.9	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	18	45	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				
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	40	50	50	50				
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	15	74	74	74				
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	51	68	68				
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	50	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			6	27	14	27				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	12	55	100	100				
Chattogram Zone Total				1761	1681	415.9	724	999	992	526	0		
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	100	100	100				
	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	8	33	33	33				
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	216	184	221	221				
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	290	305	360	360				
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	320	365	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	5	45	45				
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	50	150	150				
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	10	8	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	100	100	100				
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	51	200	200				
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	22	22				
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	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	18	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	106	124	103	123				
Cumilla Zone Total				2951	2891	1207	1401	2015	2185	0	0		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	157	160	161	161	42		Gas Shortage	
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22				
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	87	87	88	88				
	United Jamalpur PPL	HFO (IPP)				0	0	115	115			On Test	
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	50	150	100	200				
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	2	0				
Mymensingh Zone Total				530	522	296.4	419	488	586	42	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.02.19 (Yesterday)		13.02.19 (Today)		12.02.19 (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	28	30	30	30				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	61	60	61	61				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	48	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	46	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	67	70	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	322	302	330	330				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	5	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	96	84	100	130				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20				
90	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	6	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	8	16	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	285	290	341	341				
	Bibiana- 3	Gas (PDB)				310	180	200	200			On Test	
Sylhet Zone Total				1594	1549	1321	1324	1611	1641	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	300	350	410	410				
96	Fairidpur Peaking	HFO (PDB)	8x6.98	54	54	0	41	0	41				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	4	44	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	0	83	115	115				
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	70	40	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	90	90	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	715	863	713	862				
Khulna Zone Total				2223	2209	1219	1551	1483	1789	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	12	19	26	26				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	177	177	177	177				
107	Bhola Agreeke 95 MW	Gas (QRPP)	1.1x96	95	95	11	95	95	95				
Barishal Zone Total				472	462	200	323	398	428	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	70	0	0				
	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	43	0	43				
	Paramount Baghabari	HSD (IPP)				213	213	215	215				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	47				
111	Amnura	HFO (QRPP)	7x7.79	50	50	24	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	25	102	100	100				
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	39	40	40				
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	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	172	156	196	196				
117	Sirajganj CCPP 2	Gas (NWPGCL)	1x150 + 1x75	220	220	200	146	220	220	74		Gas Shortage	
118	Sirajganj CCPP-3	Gas (NWPGCL)	1x141+1x79	220	220	0	0	200	200				
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0	282		Gas Shortage	
120	Bogura (GGB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
121	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	17	17	17	17				
122	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52				
	Confidence CPBL-2	HFO (IPP)				11	0	0	0			On Test	
Rajshahi Zone Total				1635	1625	747	942	1163	1284	456	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	17	0	17				
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	19	18	18				
Rangpur Zone Total				564	484	149	185	167	184	210	85		
Sub-total: Plants in operation				17764	17221	7403	8884	12028	12993	1684	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6980	8376	11340	12250				
Gross Total				17764	17221	7403	8884	12028	12993	1684	85		
(B) Actual data of 12.02.19 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	8884.00	MW, at =	19:30 hrs	11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8376.00	MW, at =	19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8884.00	MW, at =	19:30 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	5417.00	MW, at =	4:00 hrs	Dhaka	2913	2913	0	Mymensingh	741	741	0
05.	Day-peak Generation (Generation end)	:	7403.30	MW, at =	12:00 hrs	Chattogram	883	883	0	Sylhet	325	325	0
06.	Evening-peak Generation (Generation end)	:	8884.00	MW, at =	19:30 hrs	Khulna	1017	1017	0	Barishal	201	201	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:30 hrs	Rajshahi	959	959	0	Rangpur	594	594	0
08.	Generation shortfall at evening peak due to :					Cumilla	743	743	0	Total	8376	8376	0
	a) Gas limitation	:	1318	MW		12. Fuel cost : (a) Gas = 91305927 Taka (c) Coal = 14122582 Taka							
	d) Coal supply Limitation	:	210	MW		(b) Oil = 123324681 Taka Total = 105428509 Taka							
	b) Low water level in Kaptai lake	:	156	MW									
	c) Plants under shut down/ maintenance	:	85	MW		13. Maximum Temperature in Dhaka was : 28.5° C							
09.	Total Energy (Generation + India Import)	:	169.86	MKWh		14. Export through East-West interconnections :							
	By Gas = 123.688 MKWH			By Oil = 22.273 MKWh		At evening peak-hour : 40 MW, at 19:30 hrs							
	By Coal = 3.659 MKWH			By Hydro = 0.931 MKWh		Maximum : -300 MW, at 1:00 hrs							
	By Solar= 0.143 MKWH												
10.	Total Gas Supplied	:	1054.16	MMCFD		Energy : 0.9560 MKWh							
(C) Forecast of 13.02.19 (Today) Wednesday :													
01.	Maximum Demand	:	9100	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	12993	MW	(Generation end)	05.	Total Generation	:	173.99	MKWh			
03.	Maximum Shortage	:	-3893	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	28.9° C				

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation