



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2019		Day : Thursday				Date : 07.02.19						
Probable Maximum Demand :		9100 MW		Probable Maximum Generation :		11895 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 95.06 ft		Today = 94.94 ft		Rule Curve = 96.16 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.02.19 (Yesterday)		07.02.19 (Today)		06.02.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :	Gen. shortfall for :				
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	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	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	0	0	0	0	190		Gas Shortage
2	Ghorasal CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	320	270	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	0	0	0	0	40		Gas Shortage
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	95	95			
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	290	320	360	360			
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	450	360	450	450			
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	292	290	300	300			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage
13	Shiddirganj CCGP-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	50	100	100			
16	Meghnaghat CCGP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0			
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	15	48	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	58	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	55	58	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	33	33	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	Kathpolti 52 MW	HFO (IPP)	7x7.90	51	51	6	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	187	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	64	149	149			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
33	Bramhangaan 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	36	55	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	37	37	37			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	32	42	49	49			
Dhaka Zone Total				6034	5798	1683	2166	3615	3815	700	0	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	72	72	72	72	158		Water Level Low
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage
40	Razzan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	25	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	6	46	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	190	189	200	200			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	32	51	51	51			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	68	68	68			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	74	74	84	84			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	68	68	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	65	60	65			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			2	21	15	25			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	106	90	106			
Chattogram Zone Total				1761	1681	426	807	825	836	708	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	80	80	100	100			
	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	36	10	33	33			
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	185	180	221	221			
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	300	290	360	360			
57	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	330	250	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	45	45	45	45			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	6	150	150	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	40	85	85	85			
64	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	8	0	50			
65	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	35	35	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	11	11	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	16	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	0	15	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	124	105	130			
Cumilla Zone Total				2951	2891	1326	1448	2017	2192	135	0	
73	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	67	66	85	85	136		Gas Shortage
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	87	87	87	87			
	United Jamalpur PPL	HFO (IPP)				57	58	57	57			On Test
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	32	200	100	200			
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0			
Mymensing Zone Total				530	522	265.1	433	353	451	136	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.02.19 (Yesterday)		07.02.19 (Today)		06.02.19 (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	29	30	30	30				
79	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	61	60	60	60				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	48	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
82	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	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	67	68	66	66				
85	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	188	180	250	280				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	40	40	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	47	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	110	110	100	130				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	0	20				
90	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	23	23	23	23				
91	Sylhet (Desti)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	17	17	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	285	275	341	341				
	Bibiana- 3	Gas (PDB)				99	300	300	300			On Test	
Sylhet Zone Total				1594	1549	1267	1423	1610	1690	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	350	300	410	410				
96	Fairdip Peaking	HFO (PDB)	8x6.98	54	54	0	38	0	40				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	6	70	0	80				
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	115	115	115				
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	20	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	70	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	603	703	609	705				
Khulna Zone Total				2223	2209	1069	1391	1379	1641	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	80	100	100				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	19	26	25	26				
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	189	185	194	194				
107	Bhola Agreke 95 MW	Gas (QRPP)	1.1x96	95	95	95	96	95	95				
Barishal Zone Total				472	462	303	387	414	445	0	0		
108	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		Gas Shortage	
109	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	43	0	43				
	Paramount Baghabari	HSD (IPP)				76	8	0	0				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	42	0	42				
111	Ammura	HFO (QRPP)	7x7.79	50	50	12	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	42	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	8	50	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	0	0	0	0				
117	Sirajganj CAPP 2	Gas (NWPGL)	1x150+1x75	220	220	0	0	0	0	220		Gas Shortage	
118	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	145	200	200	200				
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	170	193	0	0	89		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	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	25	43	43	43				
	Confidence CPBL-2	HFO (IPP)				0	0	0	0			On Test	
Rajshahi Zone Total				1635	1625	522	841	523	639	480	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	150	150	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	18	18	19	19				
Rangpur Zone Total				564	484	167	167	169	186	210	85		
Sub-total: Plants in operation				17764	17221	7028	9063	10905	11895	2369	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6668	8599	10347	11286				
Gross Total				17764	17221	7028	9063	10905	11895	2369	85		
(B) Actual data of 06.02.19 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	9063.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end):							
02.	Max. Demand (Sub-station end)	:	8599.00	MW, at = 19:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9063.00	MW, at = 19:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5318.00	MW, at = 5:00 hrs		Dhaka	3030	3030	0	Mymensingh	721	721	0
05.	Day-peak Generation (Generation end)	:	7028.10	MW, at = 12:00 hrs		Chattogram	921	921	0	Sylhet	334	334	0
06.	Evening-peak Generation (Generation end)	:	9063.00	MW, at = 19:00 hrs		Khulna	1046	1046	0	Barishal	192	192	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Rajshahi	988	988	0	Rangpur	629	629	0
08.	Generation shortfall at evening peak due to :					Cumilla	738	738	0	Total	8599	8599	0
	a) Gas limitation	:	2001	MW		12.	Fuel cost:	(a) Gas = 77545210 Taka	(c) Coal = 14137636 Taka				
	d) Coal supply Limitation	:	210	MW				(b) Oil = 144566359 Taka	Total = 91682846 Taka				
	b) Low water level in Kaptai lake	:	158	MW									
	c) Plants under shut down/ maintenance	:	85	MW		13.	Maximum Temperature in Dhaka was :	28.2° C					
09.	Total Energy (Generation + India Import)	:	160.05	MKWh		14.	Export through East-West interconnections :						
	By Gas =	117.465	MKWH	By Oil =	21.548	MKWh	At evening peak-hour	:	-380	MW, at	19:00	hrs	
	By Coal =	3.663	MKWH	By Hydro =	0.973	MKWh	Maximum	:	-510	MW, at	8:00	hrs	
	By Solar =	0.148	MKWH										
10.	Total Gas Supplied	:	1017.93	MMCFD			Energy	:	3.7310	MKWh			
(C) Forecast of 07.02.19 (Today) Thursday :													
01.	Maximum Demand	:	9100	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	11895	MW (Generation end)	05.	Total Generation	:	160.71	MKWh				
03.	Maximum Shortage	:	-2795	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	28.5° C					

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation