



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month February, 2019		Day : Monday						Date : 18.02.19				
Probable Maximum Demand : 9000 MW				Probable Maximum Generation : 12871 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 93.30 ft		Today = 93.17 ft		Rule Curve = 94.62 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.02.19 (Yesterday)		18.02.19 (Today)		17.02.19 (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		
							Gas/water/Coal limitation MW	Machines shut down (MW)				
Day	Evening	Day	Evening									
(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	239	250	250		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	170	170	170	170			
2	Ghorasal CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0	365	Under Maintenance 19.2.19	
3	Ghorashai (Regent)	Gas (IPP)	34x3.35	108	108	108	111	108	108			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	20	35	78	78			
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	20	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 25.3.19	
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	450	450	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	373	376	376	376			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	150	195	200	200	15	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 07.3.19	
17	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	14	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	0	19	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	27	35	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	31	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	43	51	51			
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	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	12	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	17	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	0	48	47	47			
Dhaka Zone Total				6034	5798	1542	2210	3727	4127	275	1030	
38	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	71	72	102	102	158	Water Level Low	
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	118	120	120	120	60	Gas Shortage	
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	100	120	120	120			
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	10.3	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	50	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+2x11.9+1x3+1x1.5	51	51	50	51	50	50			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	50	50	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	42	75	75			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34	0	0	0	0	0	2			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	12	54	100	100			
Chattogram Zone Total				1761	1681	579.3	728	897	879	633	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	120	80	120			
	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	120	80	80			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	20	36	33	33			
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	143	185	221	221			
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	345	301	360	360			
57	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	255	250	360	360			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	6	6	6			
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	20	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	60	85	85			
64	Titias (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	8	0	50			
65	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	50	100	0	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	52	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	21	22	22			
68	Feni, Mohpal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	8	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	2	16	22	22			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200			
**	Tripura	India		160	160	58	114	102	127			
Cumilla Zone Total				2951	2891	1074	1505	1975	2290	0	0	
74	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	210	158	159	159	44	Gas Shortage	
75	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	64	86	86			
	United Jamalpur PPL	HFO (IPP)				121	122	122	122		On Test	
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	24	100	200			
77	Sanshabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.9	0	2	0			
Mymensingh Zone Total				530	522	360.9	390	491	589	44	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.02.19 (Yesterday)		18.02.19 (Today)		17.02.19 (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	40	48	40	48				
79	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	60	53	62	62				
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	163	163	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
84	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	64	70	66	66				
85	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	264	254	330	330				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	40	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	100	100				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	20	20	20	20				
90	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	6	24	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	0	25	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	150	175	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	797	1044	1422	1430	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	425	432	410	410				
96	Fairdip Peaking	HFO (PDB)	8x6.98	54	54	0	53	0	53				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	3	52	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	16	115	115	115				
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	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	54	54	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	697	845	709	858				
Khulna Zone Total				2223	2209	1235	1611	1479	1797	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	10	25	26	26				
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	174	173	194	194				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	11	50	95	95				
Barishal Zone Total				472	462	195	280	415	445	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	70	70	0	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	20	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	68	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	0	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	200	191	200	200				
117	Sirajganj CAPP 2	Gas (NWPGL)	1x150+1x75	220	220	156	186	200	200				
118	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	191	190	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	18	18	22	22				
121	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	17	15	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)				0	0	0	0			On Test	
Rajshahi Zone Total				1635	1625	735	872	932	1130	382	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	18	18	18				
Rangpur Zone Total				564	484	149	184	167	184	210	85		
Sub-total: Plants in operation				17764	17221	6667	8824	11505	12871	1544	1115		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6227	8241	10745	12021				
Gross Total				17764	17221	6667	8824	11505	12871	1544	1115		
(B) Actual data of 17.02.19 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	8824.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end):							
02.	Max. Demand (Sub-station end)	:	8241.00	MW, at = 19:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8824.00	MW, at = 19:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5352.00	MW, at = 5:00 hrs		Dhaka	2840	2840	0	Mymensingh	697	697	0
05.	Day-peak Generation (Generation end)	:	6667.20	MW, at = 12:00 hrs		Chattogram	876	876	0	Sylhet	307	307	0
06.	Evening-peak Generation (Generation end)	:	8824.00	MW, at = 19:00 hrs		Khulna	1043	1043	0	Barishal	200	200	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Rajshahi	962	962	0	Rangpur	604	604	0
08.	Generation shortfall at evening peak due to :					Cumilla	712	712	0	Total	8241	8241	0
	a) Gas limitation	:	1176	MW		12.	Fuel cost:	(a) Gas = 88903405 Taka	(c) Coal = 14097492 Taka				
	d) Coal supply Limitation	:	210	MW				(b) Oil = 85228626 Taka	Total = 103000897 Taka				
	b) Low water level in Kaptai lake	:	158	MW									
	c) Plants under shut down/ maintenance	:	1115	MW		13.	Maximum Temperature in Dhaka was :	25.7° C					
09.	Total Energy (Generation + India Import)	:	161.55	MKWh		14.	Export through East-West interconnections :						
	By Gas =	121.635	MKWH	By Oil =	15.518	MKWh	At evening peak-hour	:	-10	MW, at	19:00	hrs	
	By Coal =	3.652	MKWH	By Hydro =	1.658	MKWh	Maximum	:	-300	MW, at	8:00	hrs	
	By Solar =	0.094	MKWH										
10.	Total Gas Supplied	:	1057.21	MMCFD			Energy	:	0.4225	MKWh			
(C) Forecast of 18.02.19 (Today) Monday :													
01.	Maximum Demand	:	9000	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	12871	MW (Generation end)	05.	Total Generation	:	164.77	MKWh				
03.	Maximum Shortage	:	-3871	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	26.7° C					

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation