



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2019				Day : Tuesday				Date : 26.02.19				
Probable Maximum Demand : 8600 MW				Probable Maximum Generation : 13054 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 92.02 ft	Today = 91.98 ft	Rule Curve = 93.45 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.02.19 (Yesterday)		26.02.19 (Today)		25.02.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :			
									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	170	170	0	0			
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	340	340	360	360			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	52	108	108	108			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	40	75			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	40	0	0	65		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	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	0	0	0	0		360	Under Maintenance 25.03.19
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	420	400	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	110	110	110	110			
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	370	361	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	100	67	100	100	143		Gas Shortage
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	117	117	117	120			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	20	100	100			
16	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0	305		Under Maintenance 07.03.19
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	24	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	35	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	40	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	24	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	54	48	58	58			
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	0	33	33			
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	9	8	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	51	51	51			
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	0	47	47			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	54	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	17	200	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	200	300			
33	Bramhangon 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
35	Southern Power	HFO (IPP)	3x19.3	55	55	17	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	46	52	52			
Dhaka Zone Total				6034	5798	1867	2279	3797	4135	248	665	
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	30	30	70	70	200		Water Level Low
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	0	0	0	0			
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	120	120	120	150	60		Gas Shortage
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	26	26	26			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	0	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	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	150	150	225		Gas Shortage
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	24	16	41	42			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	68	70			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	40	75	75	75			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	68	68	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	34	75	75			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	18	19	19	19			
*	Malancha, Ctg. EPZ (United)	Gas	5x8.73+3x9.34			0	9	15	15			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	12	106	100	106			
Chattogram Zone Total				1761	1681	244	548	897	916	675	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	70	70	100	100			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	118	100	120	120			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	100	80	100	100			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	37	40	40	40			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	204	184	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	99	95	320	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	360	360	360			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	6	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	32	20	45			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	50	150	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	5	60	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	0	100	95	95			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	54	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	22	22	22			
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	8	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	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	15	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	76	118	115	131			
Cumilla Zone Total				2951	2891	1124	1432	2185	2416	0	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	182	182	150	200	20		Gas Shortage
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	22	22	22			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	26	80	86	86			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	0	17	122	122			On Test
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	40	100	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0			
Mymensingh Zone Total				645	637	234	341	482	630	20	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.02.19 (Yesterday)		26.02.19 (Today)		25.02.19 (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)		
79	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	52	60	60	60				
80	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	32	32	32	32				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	8	53	51	51				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	50	44	44				
83	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	130	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
85	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	64	58	65	66				
86	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	286	275	300	300				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	30	85	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	48	50	50				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	95	86	100	100				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20				
91	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	6	24	24	24				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	9	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	0	24	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	320	300	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	1041	1190	1381	1383	0	0		
95	Bheramara GT- Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
96	Bheramara 360 MW CCPP	Gas (NWPGCL)	1 x 278+1 x 132	410	410	423	430	410	410				
97	Fairdip Peaking	HFO (PDB)	8x6.98	54	54	0	41	0	50				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	51	0	70				
99	Khulna CCPP	HSD (NWPGCL)	1 x 150+1x75	230	230	0	0	0	0				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	16	115	115				
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	0	100	100				
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	53	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	713	860	721	870				
Khulna Zone Total				2223	2209	1136	1491	1491	1806	0	0		
104	Barisal GT -Unit-1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
105	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	16	100	100				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	13	20	26	26				
107	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	152	177	194	194				
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	0	55	95	95				
Barishal Zone Total				472	462	165	268	415	445	0	0		
109	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	
110	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	0	50				
111	Baghabari 200MW (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	0	0				
112	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	47				
113	Ammura	HFO (QRPP)	7x7.79	50	50	40	40	40	40				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	26	51	100	100				
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	40	40				
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	38	0	38				
118	Sirajganj CCPP 1	Gas (NWPGCL)	1x150+1x75	210	210	194	190	170	200				
119	Sirajganj CCPP 2	Gas (NWPGCL)	1x150 + 1x75	220	220	201	189	180	200				
120	Sirajganj CCPP-3	Gas (NWPGCL)	1x141+1x79	220	220	179	183	190	200				
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0	282		Gas Shortage	
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	5	22	22	22				
123	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	14	17	17				
124	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
125	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	43	43	52	52				
	Confidence CPBL-2	HFO (IPP)				0	0	0	0			On Test	
Rajshahi Zone Total				1835	1825	774	951	942	1137	382	0		
126	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	
127	Barapukuria ST-Unit - 3	Coal (PDB)	1 x 274	274	274	149	149	149	149	125		Coal Shortage	
128	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	18				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	19				
Rangpur Zone Total				564	484	149	184	149	186	210	85		
Sub-total: Plants in operation				18079	17536	6734	8684	11739	13054	1535	750		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6318	8148	11014	12248				
Gross Total				18079	17536	6734	8684	11739	13054	1535	750		

(B) Actual data of 25.02.19 (Yesterday) Monday :										
01.	Max. Demand (Generation end)	:	8684.00	MW,	at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :		
02.	Max. Demand (Sub-station end)	:	8148.00	MW,	at =	19:00 hrs	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8684.00	MW,	at =	19:00 hrs	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5380.80	MW,	at =	7:00 hrs	Dhaka	2948	2948	0
05.	Day-peak Generation (Generation end)	:	6734.00	MW,	at =	12:00 hrs	Chattogram	775	775	0
06.	Evening-peak Generation (Generation end)	:	8684.00	MW,	at =	19:00 hrs	Khulna	968	968	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Rajshahi	988	988	0
08.	Generation shortfall at evening peak due to :						Cumilla	687	687	0
	a) Gas limitation	:	1125	MW			12.	Fuel cost :	(a) Gas = 92620976 Taka	(c) Coal = 14103668 Taka
	d) Coal supply Limitation	:	210	MW				(b) Oil = 79628242 Taka	Total = 106724644 Taka	
	b) Low water level in Kaptai lake	:	200	MW						
	c) Plants under shut down/ maintenance	:	750	MW						
09.	Total Energy (Generation + India Import)	:	162.91	MKWh			13.	Maximum Temperature in Dhaka was : 24.8° C		
	By Gas = 127.965 MKWH	By Oil =	11.082 MKWh				14.	Export through East-West interconnections :		
	By Coal = 3.654 MKWH	By Hydro =	1.088 MKWh					At evening peak-hour	:	-40 MW, at 19:00 hrs
	By Solar= 0.037 MKWH							Maximum	:	-150 MW, at 1:00 hrs
10.	Total Gas Supplied	:	1058.48	MMCFD				Energy	:	0.4080 MKWh

(C) Forecast of 26.02.19 (Today) Tuesday :									
01.	Maximum Demand	:	8600	MW	(Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)
02.	Maximum Generation	:	13054	MW	(Generation end)	05.	Total Generation	:	161.33 MKWh
03.	Maximum Shortage	:	-4454	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	25.2° C

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation