



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2019				Day : Wednesday				Date : 06.03.19							
Probable Maximum Demand : 9000 MW				Probable Maximum Generation : 13171 MW											
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 91.36 ft				Today = 91.32 ft				Rule Curve = 92.20 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.03.19 (Yesterday)		06.03.19 (Today)		05.03.19 (Yesterday)		06.03.19 (Today)		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	239	237	240	240				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 CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	350	250	360	360						
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	107	108	108	108						
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	20	20						
5	Tongi GT	Gas (PDB)	1 x 105	105	105	40	40	40	40	65			Gas Shortage		
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	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	370	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	359	352	412	412						
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	65	80	80	145			Gas Shortage		
13	Siddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	117	116	117	117						
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	07.03.19	
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100						
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100						
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	45	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	50	50	58	58						
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	26	33	33						
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	30	31	30	30						
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	18	45	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	44	48	48						
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	0	200	300						
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	10	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	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	0	60	50	50						
Dhaka Zone Total				6034	5798	2028	2349	4203	4503	250	665				
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	41	72	72	189			Water Level Low		
39	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	140	120	150	150						
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180			Gas Shortage		
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25						
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	9.7	0	20	0						
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	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 CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	205	200	225	225						
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	41	40	51	51						
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	50	70	70						
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	10	101	100	100						
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	17	0	68						
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	24	0	72						
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	17	18	20	20						
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	22	15	25						
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	40	106	106						
Chattogram Zone Total				1761	1681	474.7	744	904	1034	559	0				
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	70	70	70	70						
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	80	80	80	80						
	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	40	40	40	40						
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	194	185	221	221						
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	230	250	320	320						
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	300	320	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	0	5	45	45						
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	40	150	150						
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	0	0	0	0						
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	3	0	0	50						
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	50	90	100	100						
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	10	200	200						
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	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	28	33	33						
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	1	52	52						
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	10	19	15	15						
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200						
**	Tripura	India		160	160	82	110	111	129						
Cumilla Zone Total				2951	2891	1099	1296	1948	2116	0	0				
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	182	210	202	202						
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22						
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	79	80	80						
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	0	0	122	122						
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	30	100	200						
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0						
Mymensingh Zone Total				645	637	213	341	528	626	0	0				

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.03.19 (Yesterday)		06.03.19 (Today)		05.03.19 (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	60	60	60	60				
80	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	72	72	70	70				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	2	46	51	51				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	27	10	44				
83	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	163	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	66	40	66	66				
86	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	71	182	220	220				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	1	84	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	48	50	50				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	48	48	116	116				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20				
91	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	26	28	24	24				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	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	881	1143	1323	1357	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 (NWPGL)	1 x 278+1 x 132	410	410	400	300	410	410				
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	0	0	38				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	33	0	70				
99	Khulna CCPP	HSD (NWPGL)	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+7x1.515	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	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	713	861	711	860				
Khulna Zone Total				2223	2209	1113	1355	1481	1784	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	24	100	100				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	9	19	26	26				
107	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	176	165	177	177				
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	11	97	95	95				
Barishal Zone Total				472	462	196	305	398	428	0	0		
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	65	65	65	65				
	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	0	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	45				
113	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	51	100	100				
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	32	32				
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	37	0	38				
118	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	198	185	200	200				
119	Sirajganj CCPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	190	180	190	190				
120	Sirajganj CCPP-3	Gas (NWPGL)	1x141+1x79	220	220	233	232	225	225				
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	22	22	22	22				
123	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	15	17	17	17				
124	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
125	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	16	43	43	43				
	Confidence CPBL-2	HFO (IPP)				0	0	0	0			On Test	
Rajshahi Zone Total				1835	1825	756	893	1005	1138	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	17				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	19	0	19				
Rangpur Zone Total				564	484	149	185	149	185	210	85		
Sub-total: Plants in operation				18079	17536	6910	8611	11939	13171	1401	750		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6460	7762	11161	12313				
Gross Total				18079	17536	6910	8611	11939	13171	1401	750		

(B) Actual data of 05.03.19 (Yesterday) Tuesday :														
01.	Max. Demand (Generation end)	:	8611.00	MW, at = 19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	7762.00	MW, at = 19:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	:	8611.00	MW, at = 19:00 hrs		Dhaka	2978	2978	0	Mymensingh	578	578	0	
04.	Minimum Generation (Generation end)	:	5027.00	MW, at = 5:00 hrs		Chattogram	832	832	0	Sylhet	313	313	0	
05.	Day-peak Generation (Generation end)	:	6909.70	MW, at = 12:00 hrs		Khulna	1001	1001	0	Barishal	197	197	0	
06.	Evening-peak Generation (Generation end)	:	8611.00	MW, at = 19:00 hrs		Rajshahi	1001	1001	0	Rangpur	197	197	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Cumilla	665	665	0					
08.	Actual Minimum Generation up to 8:00 hrs.	:	5301.00	MW										
09.	Generation shortfall at evening peak due to :	:								Total	7762	7762	0	
	a) Gas limitation	:	1002	MW	13.	Fuel cost :	(a) Gas = 92290931 Taka		(c) Coal = 14093246 Taka					
	d) Coal supply Limitation	:	210	MW			(b) Oil = 41288639 Taka		Total = 106384177 Taka					
	b) Low water level in Kaptai lake	:	189	MW										
	c) Plants under shut down/ maintenance	:	750	MW	14.	Maximum Temperature in Dhaka was : 25.0° C								
10.	Total Energy (Generation + India Import)	:	160.58	MKWh	15.	Export through East-West interconnections :								
	By Gas = 125.526	MKWH	By Oil = 11.327	MKWh		At evening peak-hour : -220 MW, at 19:00 hrs								
	By Coal = 3.651	MKWH	By Hydro = 0.835	MKWh		Maximum : -220 MW, at 19:00 hrs								
	By Solar= 0.070	MKWH				Energy : 0.2015 MKWh								
11.	Total Gas Supplied	:	1118.02	MMCFD										

(C) Forecast of 06.03.19 (Today) Wednesday :												
01.	Maximum Demand	:	9000	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	13171	MW (Generation end)	05.	Total Generation : 167.84 MKWh						
03.	Maximum Shortage	:	-4171	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 29.8° C						

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation