



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month March, 2019		Day : Tuesday				Date : 26.03.19						
Probable Maximum Demand : 10300 MW		Probable Maximum Generation : 13803 MW										
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 87.76 ft		Today = 87.30 ft		Rule Curve = 89.00 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.03.19 (Yesterday)		26.03.19 (Today)		25.03.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for:	Probable start-up date				
						Day	Evening	Day	Evening	Gas/water/Coal limitation (MW)	Machines shut down (MW)	Description/ Remarks
(A) Plants in operation:												
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	36	36	36	36			
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	38	38	38	38			
	c) Ghorasal Unit-3 GT	Gas (PDB)	1 x 210	210	170	228	189	188	188			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	350	300	300	300			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	111	108	108			
4	Ghorasal 78.5MW (Max)	Gas (ORPP)	2x40	78	78	0	73	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	0	0	0	0	40		Gas Shortage
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110			
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	345	345	360	360			
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	225	340	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	365	380	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	125	100	100	100	110		Gas Shortage
13	Siddirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0	217		Gas Shortage
14	Siddirganj (Desh)	HSD (ORPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangla)	HFO (ORPP)	12x8.9	100	100	0	7	100	100			
16	Meghnaghat CCGP (Summit)	HSD/GAS (IPP)	2x110+1x110	305	305	150	150	300	300			
17	Meghnaghat (IEL)	HFO (ORPP)	12x8.9	100	100	0	7	92	92			
18	Madanganj (Summit)	HFO (ORPP)	6x17	102	100	0	0	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	11	30	55	55			
20	Keraniganj (Powerpac)	HFO (ORPP)	8x13.45	100	100	0	0	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	24	50	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	19	19	19			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	56	57	57			
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	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	43	51	51	51			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	48	149	149	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	31	41	40	40			
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	200	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	100	149	149			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	200	300			
33	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
35	Southern Power	HFO (IPP)	3x19.3	55	55	0	55	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	55	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	52	51	60	60			
Dhaka Zone Total				6034	5798	2237	2845	4484	4684	777	0	
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	73	72	70	73	158		Water Level Low
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	120	120	120	120	60		Gas Shortage
	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	16	16	16			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.9	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	130	130	150	150			
45	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	203	213	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	41	32	41	41			
47	Julda (Acorn)	HFO (ORPP)	8x13.45	100	100	10	30	78	78			
48	Juldah (Acorn) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	100	100	100	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	17	51	85	85			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	9	85	80	80			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	18	42	42			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	56	99	105	105			
Chattogram Zone Total				1761	1681	847.9	1033	1204	1187	438	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	80	80	80			
	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	33	35	40	40			
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1775	221	221	219	205	221	221			
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	285	239	360	360			
57	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	250	300	300	360			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	6	6	6			
59	Ashuganj (United)	Gas (ORPP)	14x4.00	53	53	5	5	5	5			
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+11*6	195	195	8	8	8	8			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	35	35	35	35			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	2	120	150	150			
63	Brahmanbaria (Aggreco)	Gas (ORPP)	86x1.10	85	85	0	0	0	0			
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50			
65	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	50	50	50	50			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	41	163	100	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	22	22			
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	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	52	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	21	21	21			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200			
**	Tripura	India		160	160	130	168	123	163			
Cumilla Zone Total				2951	2891	1270	1623	1797	2147	0	0	
73	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	178	174	202	210			
74	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	0	0			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	87	86	88	88			
76	Jamalpur 115MW (United)	HFO (IPP)	12x8.87	115	115	111	111	110	110			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	32	160	200	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	2	0			
Mymensingh Zone Total				645	637	410.3	531	602	608	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.03.19 (Yesterday)		26.03.19 (Today)		25.03.19 (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	76	87	90	90			
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	50	51	51			
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	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	8	11	11	11			
85	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	54	65	66	66			
86	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	308	312	330	330			
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	83	88	86	86			
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	45	45	45			
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	110	112	120	120			
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	20	20			
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	44	50	50	50			
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10			
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	25	24	25	25			
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	315	341	341			
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test
Sylhet Zone Total				1594	1549	1391	1428	1512	1512	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	270	240	410	410			
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	29	36	36			
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	80	40	80			
99	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0			
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	16	115	115	115			
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	40	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	105	90	105	105			
	Modhumati Power Plant	HFO (IPP)				0	0	0	0			On Test
**	Bheramara HVDC Interconnector	India		1000	1000	857	954	767	817			
Khulna Zone Total				2223	2209	1248	1588	1613	1749	0	0	
104	Barisal GT:Unit-1, 2	HSD (PDB)	2 x 20	40	30	0	20	0	26			
105	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	48	110	110	110			
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	21	31	28	28			
107	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	120	120	129	129			
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	96	97	95	95			
Barishal Zone Total				472	462	285	378	362	388	0	0	
109	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
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	48	0	54			
113	Ammura	HFO (QRPP)	7x7.79	50	50	25	40	40	40			
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	90	100	100	100			
115	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	40	40	40			
116	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50			
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	36	0	30			
118	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	190	159	195	195			
119	Sirajganj CCPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0			
120	Sirajganj CCPP-3	Gas (NWPGL)	1x141+1x79	220	220	170	156	200	200			
121	Sirajganj Unit-4 GT (Gas)	Gas (IPP)	1x282	282	282	288	220	295	295			
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22			
123	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	17	17	17	17			
124	Ulapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
125	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52			
	Confidence CPBL-2	HFO (IPP)				114	114	114	114			On Test
Rajshahi Zone Total				1835	1825	979	1115	1136	1270	171	0	
126	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling 30.03.19
	b) Barapukuria ST:Unit- 2	Coal (PDB)	1 x 125	125	85	75	0	74	74	85		Coal Shortage
127	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	149	149	149	125			Coal Shortage
128	Rangpur GT	HSD (PDB)	1 x 20	20	20	17	17	17	17			
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	18	18			
Rangpur Zone Total				564	484	241	166	258	258	210	85	
Sub-total: Plants in operation				18079	17536	8909	10707	12968	13803	1596	85	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8526	9862	12410	13209			
Gross Total				18079	17536	8909	10707	12968	13803	1596	85	
(B) Actual data of 25.03.19 (Yesterday) Monday :												
01.	Max. Demand (Generation end)	:	10707.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	9862.00	MW, at = 19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	10707.00	MW, at = 19:30 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	7378.00	MW, at = 5:00 hrs	Dhaka	3774	3774	0	Mymensingh	836	836	0
05.	Day-peak Generation (Generation end)	:	8909.20	MW, at = 12:00 hrs	Chattogram	1146	1146	0	Sylhet	375	375	0
06.	Evening-peak Generation (Generation end)	:	10707.00	MW, at = 19:30 hrs	Khulna	1161	1161	0	Barishal	255	255	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs	Rajshahi	1161	1161	0	Rangpur	255	255	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	7274.20	MW	Cumilla	899	899	0				
09.	Generation shortfall at evening peak due to :	:			13.	Fuel cost :		Total	9862	9862	0	
	a) Gas limitation	:	1228	MW		(a) Gas =	98603026	Taka	(c) Coal =	22132846	Taka	
	d) Coal supply Limitation	:	210	MW		(b) Oil =	268030592	Taka	Total =	120735872	Taka	
	b) Low water level in Kaptai lake	:	158	MW								
	c) Plants under shut down/ maintenance	:	85	MW	14.	Maximum Temperature in Dhaka was : 35.1° C						
10.	Total Energy (Generation + India Import)	:	211.93	MKWh	15.	Export through East-West interconnections :						
	By Gas =	145.627	MKWh	By Oil =	35.994	At evening peak-hour						
	By Coal =	4.975	MKWh	By Hydro =	1.713	Maximum						
	By Solar =	0.160	MKWh			Energy						
11.	Total Gas Supplied	:	1250.73	MMCFD		: 0.22 MKWh						
(C) Forecast of 26.03.19 (Today) Tuesday :												
01.	Maximum Demand	:	10300	MW (Generation end)	04.	Maximum Load-shed : 0.0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	13803	MW (Generation end)	05.	Total Generation : 203.88 MKWh						
03.	Maximum Shortage	:	-3503	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 36.0° C						

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation