



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month March, 2019		Day : Sunday				Date : 03.03.19						
Probable Maximum Demand :		8900 MW		Probable Maximum Generation :		13002 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 91.72 ft		Today = 91.57 ft		Rule Curve = 92.68 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.03.19 (Yesterday)		03.03.19 (Today)		02.03.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :	Probable start-up date				
(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	120	120	120			
2	Ghorasal CAPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	350	360	360			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	111	53	108	108			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	79	60	35	35			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	40	0	0	0	105	Gas Shortage	
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	40	40	20	20			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110			
8	Horipur Power CAPP	Gas (IPP)	1x235+1x125	360	360	0	0	0	0	360	Under Maintenance	
9	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	400	390	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	110	110	115	115			
11	Horipur 412MW CAPP	Gas (EGCB)	1x273+1x139	412	412	0	360	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	160	145	100	120	65	Gas Shortage	
13	Shiddirganj CAPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	115	116	115	115			
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 CAPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0	305	Under Maintenance	
17	Meghnaghat (EL)	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	32	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	51	44	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	30	30	30	30			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	30	51	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	13	0	50			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	35	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	17	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	17	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	18	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	52	50	50			
Dhaka Zone Total				6034	5798	1636	2188	3843	4213	210	665	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	72	71	74	74	159	Water Level Low	
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	145	150	150	150			
	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	0	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	0	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 CAPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	205	201	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	26	51	51	51			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	40	10	70			
48	Julda (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	12	87	75	90			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	68	0	75			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	51	0	72			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	17	18	19	19			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			4	29	21	29			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	13	106	106			
Chattogram Zone Total				1761	1681	501	854	826	1036	529	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	100	80	100	100			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	100	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	40	39	40	40			
55	Ashuganj CAPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	184	183	221	221			
56	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	0	0	320	320			
57	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	365	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	0	0	8	8			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	0	150	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	5	85	5	85			
64	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50			
65	Chandpur CAPP	Gas (PDB)	1X106+1x57	163	163	100	95	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	38	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22			
68	Feni, Mohalpur (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	17	33	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	86	116	109	125			
Cumilla Zone Total				2951	2891	1033	1127	1963	2209	0	0	
73	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	200	205	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	23	88	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	50	100	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.7	0	2	0			
Mymensingh Zone Total				645	637	254.7	365	528	626	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.03.19 (Yesterday)		03.03.19 (Today)		02.03.19 (Yesterday)		Status of Machines under shut-down/ Maintenance		
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :				
						Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date	
79	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	60	60	60	60					
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	63	72	75	75					
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	22	28	5	28					
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	20	13	5	44					
83	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	130	130	163	163					
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11					
85	Shajbazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	64	40	66	66					
86	Shajbazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	186	188	220	220					
87	Shajbazar (Shajbazar)	Gas (RPP)	32x2.90	86	86	5	81	86	86					
88	Shajbazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	48	50	50					
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	114	85	110	115					
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	20	20					
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	23	24	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	23	25	25	25					
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	300	280	341	341					
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test		
Sylhet Zone Total				1594	1549	1042	1114	1271	1338	0	0			
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46					
96	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	428	380	410	410					
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	18	0	50					
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	40	0	70					
99	Khulna CAPP	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)	70x1.44+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	721	871					
Khulna Zone Total				2223	2209	1141	1460	1491	1807	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	4	100	100					
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	24	26	26					
107	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	177	164	194	194					
108	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	50	90	95	95					
Barisal Zone Total				472	462	244	282	415	445	0	0			
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	65	65	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	45					
113	Amnura	HFO (QRPP)	7x7.79	50	50	21	40	40	40					
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	60	100	100					
115	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	32	32					
116	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	16	50	50					
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	38	0	38					
118	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	196	190	200	200					
119	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	184	187	175	200					
120	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	220	194	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 (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	17	14	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	43	43					
	Confidence CPBL-2	HFO (IPP)				0	0	0	0			On Test		
Rajshahi Zone Total				1835	1825	776	933	982	1143	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	122	150	149	149	124		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	19	0	18					
Rangpur Zone Total				564	484	122	186	149	185	209	85			
Sub-total: Plants in operation				18079	17536	6750	8509	11468	13002	1330	750			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6317	7627	10732	12168					
Gross Total				18079	17536	6750	8509	11468	13002	1330	750			

(B) Actual data of 02.03.19 (Yesterday) Saturday :											
01.	Max. Demand (Generation end)	: 8509.00 MW, at = 19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 7627.00 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)	: 8509.00 MW, at = 19:00 hrs		Dhaka	2790	2790	0	Mymensingh	655	655	0
04.	Minimum Generation (Generation end)	: 4710.00 MW, at = 5:00 hrs		Chattogram	881	881	0	Sylhet	313	313	0
05.	Day-peak Generation (Generation end)	: 6749.70 MW, at = 12:00 hrs		Khulna	976	976	0	Barishal	185	185	0
06.	Evening-peak Generation (Generation end)	: 8509.00 MW, at = 19:00 hrs		Rajshahi	976	976	0	Rangpur	185	185	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs		Cumilla	666	666	0				
08.	Actual Minimum Generation up to 8:00 hrs.	: 5145.00 MW						Total	7627	7627	0
09.	Generation shortfall at evening peak due to :			13.	Fuel cost:	(a) Gas = 89858468 Taka	(c) Coal = 13228992 Taka				
	a) Gas limitation	: 962 MW				(b) Oil = 49362117 Taka	Total = 103087460 Taka				
	d) Coal supply Limitation	: 209 MW		14.	Maximum Temperature in Dhaka was :	27° C					
	b) Low water level in Kaptai lake	: 159 MW		15.	Export through East-West interconnections :						
	c) Plants under shut down/ maintenance	: 750 MW			At evening peak-hour	: 30 MW, at 19:00 hrs					
10.	Total Energy (Generation + India Import)	: 154.49 MKWh			Maximum	: -130 MW, at 7:00 hrs					
	By Gas = 124.258 MKWH	By Oil = 6.458 MKWh			Energy	: 0.1425 MKWh					
	By Coal = 3.427 MKWH	By Hydro = 1.547 MKWh									
	By Solar = 0.168 MKWH										
11.	Total Gas Supplied	: 1116.11 MMCFD									
(C) Forecast of 03.03.19 (Today) Sunday :											
01.	Maximum Demand	: 8900 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	: 13002 MW (Generation end)	05.	Total Generation	: 161.59 MKWh						
03.	Maximum Shortage	: -4102 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	28.1° C						

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation