



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2019		Day : Monday				Date : 04.03.19						
Probable Maximum Demand :		9000 MW		Probable Maximum Generation :		12829 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 91.57 ft		Today = 91.45 ft		Rule Curve = 92.52 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.03.19 (Yesterday)		04.03.19 (Today)		03.03.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :	Gen. shortfall for :				
					Day	Evening	Day	Evening	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	140	190	190	190			
2	Ghorasal CAPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	280	380	360	360			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	12	104	108	108			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	5	0	0			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	40	40	40	65		Gas Shortage
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	10	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	370	350	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	366	362	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	130	150	0	0	60		Gas Shortage
13	Shiddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	116	117	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 (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	15	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	19	22	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	49	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	51	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	7	48	48			
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	30	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	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	0	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	25	58	50	50			
Dhaka Zone Total				6034	5798	1784	2237	3883	4183	165	665	
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	42	41	72	72	189		Water Level Low
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	140	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 CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	216	188	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	35	40	51	51			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	10	70	70			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	50	101	57	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	68	0	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	0	0			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	18	17	18	18			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			2	26	8	26			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	13	106	106			
Chattogram Zone Total				1761	1681	533	729	852	961	559	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	37	36	40	40			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	205	185	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	280	360	320	320			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	260	160	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	50	50	85			
64	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50			
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	30	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
68	Feni, Mohpal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	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	15	15			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200			
**	Tripura	India		160	160	98	116	116	133			
Cumilla Zone Total				2951	2891	1200	1288	1968	2170	0	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	185	180	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	44	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	70	100	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	2	0			
Mymensing Zone Total				645	637	260.4	360	528	626	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.03.19 (Yesterday)		04.03.19 (Today)		03.03.19 (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	63	63	63				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	53	51	51				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	30	10	44				
83	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	130	163	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	66	43	66	66				
86	Shajbazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	70	153	220	220				
87	Shajbazar (Shajbazar)	Gas (RPP)	32x2.90	86	86	5	50	86	86				
88	Shajbazar (Energyprima)	Gas (RPP)	27x2.0	50	50	48	48	50	50				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	116	83	116	116				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20				
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	24	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	25	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	320	285	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	920	1100	1316	1350	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	300	250	410	410				
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	38	0	38				
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	706	854	714	864				
Khulna Zone Total				2223	2209	1006	1343	1484	1788	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	17	25	26	26				
107	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	187	157	177	177				
108	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	11	96	95	95				
Barishal Zone Total				472	462	215	294	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	25	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	40	50	50	50				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	68	100	100				
115	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	32	32				
116	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	8	8	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	191	200	200				
119	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	160	186	190	190				
120	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	233	233	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	17	17	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	43	43				
	Confidence CPBL-2	HFO (IPP)				19	0	0	0			On Test	
Rajshahi Zone Total				1835	1825	814	957	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	6881	8493	11583	12829	1316	750		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6565	7798	11050	12238				
Gross Total				18079	17536	6881	8493	11583	12829	1316	750		

(B) Actual data of 03.03.19 (Yesterday) Sunday :														
01.	Max. Demand (Generation end)	:	8493.00	MW,	at =	19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	7798.00	MW,	at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8493.00	MW,	at =	19:00 hrs	Dhaka	2918	2918	0	Mymensingh	635	635	0
04.	Minimum Generation (Generation end)	:	5145.00	MW,	at =	5:00 hrs	Chattogram	874	874	0	Sylhet	311	311	0
05.	Day-peak Generation (Generation end)	:	6881.40	MW,	at =	12:00 hrs	Khulna	984	984	0	Barishal	200	200	0
06.	Evening-peak Generation (Generation end)	:	8493.00	MW,	at =	19:00 hrs	Rajshahi	984	984	0	Rangpur	200	200	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Cumilla	692	692	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5425.00	MW							Total	7798	7798	0
09.	Generation shortfall at evening peak due to :	:					13.	Fuel cost:	(a) Gas = 92332003	Taka	(c) Coal = 14080508	Taka		
	a) Gas limitation	:	917	MW				(b) Oil = 55866589	Taka	Total = 106412511	Taka			
	d) Coal supply Limitation	:	210	MW										
	b) Low water level in Kaptai lake	:	189	MW										
	c) Plants under shut down/ maintenance	:	750	MW			14.	Maximum Temperature in Dhaka was :	28.2° C					
10.	Total Energy (Generation + India Import)	:	161.11	MKWh			15.	Export through East-West interconnections :						
	By Gas = 124.861	MKWH		By Oil = 12.109	MKWh			At evening peak-hour	:	40	MW,	at	19:00 hrs	
	By Coal = 3.648	MKWH		By Hydro = 1.063	MKWh			Maximum	:	20	MW,	at	7:00 hrs	
	By Solar = 0.168	MKWH						Energy	:	0.263	MKWh			
11.	Total Gas Supplied	:	1098.38	MMCFD										
(C) Forecast of 04.03.19 (Today) Monday :														
01.	Maximum Demand	:	9000	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	12829	MW	(Generation end)		05.	Total Generation	:	170.73	MKWh			
03.	Maximum Shortage	:	-3829	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	29.5° C				

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation