



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2019		Day : Sunday				Date : 17.03.19						
Probable Maximum Demand :		11000 MW		Probable Maximum Generation :		12725 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 89.82 ft		Today = 89.39 ft		Rule Curve = 90.92 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.03.19 (Yesterday)		17.03.19 (Today)		16.03.19 (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 :			
					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	36	36	36	36			
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	0	0	0	0	45	Gas Shortage	
	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	190	190	190	190			
2	Ghorasal CAPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	270	340	360	360			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	105	109	108	108			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	68	69	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	40	40	40	40			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	50	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	450	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	100	110	110	110			
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	373	350	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	94	60	67	67	150	Gas Shortage	
13	Shiddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	115	115	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	15	100	100			
16	Meghnaghat CCPP (Summit)	HSD/GAS (IPP)	2x110+1x110	305	305	110	0	155	335			
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	92	92	92			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	64	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	55	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	40	102	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	50	49	49	49			
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	50	50	51	51			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	32	90	0	0			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	41	41	42	42			
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	116	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	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	55	55	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	47	56	60	60			
Dhaka Zone Total				6034	5798	2333	2892	4083	4463	300	360	
38	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	85	80	87	87	150	Water Level Low	
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	120	120	120	120			
	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	23	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	0	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	40	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	80	0	0	70	Gas Shortage	
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	203	80	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	32	41	41			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	40	78	78	78			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	100	90	100	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	85	85	85			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	75	77	77			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	2	19	22	22			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			21	10	7	20			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	22	98	105	105			
Chattogram Zone Total				1761	1681	648	912	1042	1035	440	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	100	100	100	100			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	80	100	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	40	40	40			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	186	184	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	330	340	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	330	360	360	360			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	52	5	52			
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	35	35	35	35			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	12	50	150	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			
64	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	42	0	42			
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	0	95	90	90			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	145	200	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	21	22	22			
68	Feni, Mohpal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	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	18	21	22	22			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	69	100	200			
**	Tripura	India		160	160	92	162	127	164			
Cumilla Zone Total				2951	2891	1429	1928	2041	2267	0	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	188	173	194	194			
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	80	87	88	88			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	107	107	107	107			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	15	200	200	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	2	0			
Mymensingh Zone Total				645	637	412.4	587	611	611	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.03.19 (Yesterday)		17.03.19 (Today)		16.03.19 (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	57	60	60	60					
80	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60					
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	50	50	50					
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	46	44	44					
83	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	163	163	163					
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
85	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	57	49	66	66					
86	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	70	177	177	177					
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	83	83	86	86					
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	47	47	47					
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	109	103	116	116					
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	0	20	20					
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	41	46	45	45					
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10					
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	23	16	25	25					
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	310	270	341	341					
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test		
Sylhet Zone Total				1594	1549	1154	1191	1321	1321	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	360	270	270	270					
97	Fariapur Peaking	HFO (PDB)	8x6.98	54	54	0	37	37	37					
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	20	83	20	83					
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	96	100	100					
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40					
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	105	105	105	105					
	Modhumati Power Plant	HFO (IPP)				24	86	0	0			On Test		
**	Bheramara HVDC Interconnector	India		1000	1000	701	849	610	759					
Khulna Zone Total				2223	2209	1226	1681	1297	1555	0	0			
1	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	22	0	22					
2	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	110	110	110					
3	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	14	24	24	24					
4	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	174	161	175	175					
5	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	65	92	95	95					
Barishal Zone Total				472	462	269	409	404	426	0	0			
6	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	60	35	0	0					
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage		
7	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	34	0	50					
8	Baghabari 200MW (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	0	0					
9	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	45					
10	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50					
11	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	92	100	100					
12	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	40	40	40					
13	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50					
14	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	29	0	30					
15	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	195	191	195	195					
16	Sirajganj CCPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	191	188	0	0					
17	Sirajganj CCPP-3	Gas (NWPGL)	1x141+1x79	220	220	197	193	200	200					
18	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	10	0	0					
19	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22					
20	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	17	17	17	17					
21	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11					
22	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52					
	Confidence CPBL-2	HFO (IPP)				12	0	0	0			On Test		
Rajshahi Zone Total				1835	1825	854	1014	737	862	100	0			
23	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		
24	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	149	149	149	149	125		Coal Shortage		
25	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	17	17					
26	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	16	19	19					
Rangpur Zone Total				564	484	149	182	185	185	210	85			
Sub-total: Plants in operation				18079	17536	8474	10796	11723	12725	1050	445			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7919	9741	10954	11890					
Gross Total				18079	17536	8474	10796	11723	12725	1050	445			
(B) Actual data of 16.03.19 (Yesterday) Saturday :														
01.	Max. Demand (Generation end)	:	10796.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	9741.00	MW, at = 19:30 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	10796.00	MW, at = 19:30 hrs		MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	6936.00	MW, at = 4:00 hrs		Dhaka	3645	3645	0	Mymensingh	806	806	0	
05.	Day-peak Generation (Generation end)	:	8474.40	MW, at = 12:00 hrs		Chattogram	1098	1098	0	Sylhet	393	393	0	
06.	Evening-peak Generation (Generation end)	:	10796.00	MW, at = 19:30 hrs		Khulna	1200	1200	0	Barishal	241	241	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs		Rajshahi	1200	1200	0	Rangpur	241	241	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	7646.00	MW		Cumilla	917	917	0					
09.	Generation shortfall at evening peak due to :	:								Total	9741	9741	0	
	a) Gas limitation	:	690	MW	13.	Fuel cost :	(a) Gas = 105742243	Taka	(c) Coal = 14156550	Taka				
	d) Coal supply Limitation	:	210	MW			(b) Oil = 229798754	Taka	Total = 119898793	Taka				
	b) Low water level in Kaptai lake	:	150	MW										
	c) Plants under shut down/ maintenance	:	445	MW	14.	Maximum Temperature in Dhaka was :	34.4° C							
10.	Total Energy (Generation + India Import)	:	204.28	MKWh	15.	Export through East-West interconnections :								
	By Gas = 147.846	MKWh		By Oil = 31.708	MKWh	At evening peak-hour	:	-260	MW, at 19:30 hrs					
	By Coal = 3.668	MKWh		By Hydro = 1.922	MKWh	Maximum	:	-300	MW, at 20:00 hrs					
	By Solar = 0.036	MKWh				Energy	:	1.146	MKWh					
11.	Total Gas Supplied	:	1243.98	MMCFD										
(C) Forecast of 17.03.19 (Today) Sunday :														
01.	Maximum Demand	:	11000	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)					
02.	Maximum Generation	:	12725	MW (Generation end)	05.	Total Generation	:	208.14	MKWh					
03.	Maximum Shortage	:	-1725	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.8° C						

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation