



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2019					Day : Friday				Date : 15.03.19							
Probable Maximum Demand : 9500 MW					Probable Maximum Generation : 12644 MW											
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 90.02 ft				Today = 89.82 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)	14.03.19 (Yesterday)		15.03.19 (Today)		14.03.19 (Yesterday)		15.03.19 (Today)		Status of Machines under shut-down/ Maintenance			
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down		Description/ Remarks	Probable start-up date		
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	(MW)						
(A) Plants in operation:																
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	36	36	35	35							
	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 CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	380	360	360							
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	111	108	108							
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	69	40	78	78							
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	40	40	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	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	450	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	352	350	412	412							
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	40	0	0	0	210			Gas Shortage			
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	115	0	0	0							
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	17	100	100							
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	80	100	100							
16	Meghnaghat CCPP (Summit)	HSD/GAS (IPP)	2x110+1x110	305	305	225	145	335	335							
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	56	90	90							
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	80	100	100							
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	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	48	102	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	54	56	58	58							
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	51	51	51	51							
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	32	0	0							
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	48	48	48	48							
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54							
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	15	110	200	300							
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	61	101	149	149							
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	200	300							
33	Bramhangao 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	36	55	55							
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	54	55	55	55							
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	60	59	60	60							
Dhaka Zone Total					6034	5798	2580	2874	4133	4333	360	360				
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	75	85	70	70	145			Water Level Low			
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	125	120	120	130							
	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	23	24	25	25							
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.9	0	20	0							
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	45	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	202	229	225	225							
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	41	41	41	41							
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	78	88	88	88							
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	101	101	100	100							
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	75	0	85							
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	66	0	80							
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	19	20	20							
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	6	15	25							
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	72	105	105							
Chattogram Zone Total					1761	1681	732.9	976	879	1044	515	0				
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	110	110	110	110							
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	80	120	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	37	37	40	40							
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	186	188	221	221							
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	280	330	360	360							
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	300	330	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	35	35	35	35							
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	70	110	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	0	0	0	50							
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	80	0	0	0							
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	52	195	200	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	33	33	33	33							
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	8	52	52							
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	14	22	22	22							
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200							
**	Tripura	India		160	160	116	150	114	144							
Cumilla Zone Total					2951	2891	1438	1718	1948	2128	0	0				
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	200	152	150	152	50			Gas Shortage			
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22							
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	80	87	86	86							
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	0	0	115	115							
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	120	200	200	200							
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	2	0							
Mymensingh Zone Total					645	637	422.4	461	575	575	50	0				

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	14.03.19 (Yesterday)		15.03.19 (Today)		14.03.19 (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	47	60	47	50				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	48	51	51				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	46	44	44				
83	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	130	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	30	65	66	66				
86	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	105	106	105	106				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	83	84	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	48	48	48	48				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	0	0	0				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	18	20	20				
91	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	42	45	45	46				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	25	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	300	341	341				
	Bibiana- 3	Gas (PDB)				15	80	0	0			On Test	
Sylhet Zone Total				1594	1549	982	1136	1122	1127	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	HSD (NWPGL)	1 x 278+1 x 132	410	410	350	360	410	410				
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	34	0	44				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	3	70	0	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	50	100	100				
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	105	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	709	857	613	761				
Khulna Zone Total				2223	2209	1223	1631	1383	1701	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	110	100	100				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	21	31	26	28				
107	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	165	173	171	171				
108	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	94	96	95	95				
Barishal Zone Total				472	462	280	410	392	424	0	0		
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	60	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	42	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	49	0	45				
113	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	51	102	100	100				
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	40	40	40				
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	50	32	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	29	0	30				
118	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	184	183	200	200				
119	Sirajganj CCPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	179	178	200	200				
120	Sirajganj CCPP-3	Gas (NWPGL)	1x141+1x79	220	220	191	184	195	195				
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	21	22	22	22				
123	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	16	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	52	52	52	52				
	Confidence CPBL-2	HFO (IPP)				5	0	0	0			On Test	
Rajshahi Zone Total				1835	1825	863	1050	1002	1127	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	17	17				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	19	19	19				
Rangpur Zone Total				564	484	149	185	185	185	210	85		
Sub-total: Plants in operation						18079	17536	8670	10441	11619	12644	1517	445
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8228	9687	11026	11999				
Gross Total				18079	17536	8670	10441	11619	12644	1517	445		

(B) Actual data of 14.03.19 (Yesterday) Thursday :														
01.	Max. Demand (Generation end)	:	10441.00	MW,	at =	19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	9687.00	MW,	at =	19:30 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	10441.00	MW,	at =	19:30 hrs	Dhaka	3656	3656	0	Mymensingh	791	791	0
04.	Minimum Generation (Generation end)	:	7374.00	MW,	at =	5:00 hrs	Chattogram	1078	1078	0	Sylhet	376	376	0
05.	Day-peak Generation (Generation end)	:	8670.30	MW,	at =	12:00 hrs	Khulna	1205	1205	0	Barishal	246	246	0
06.	Evening-peak Generation (Generation end)	:	10441.00	MW,	at =	19:30 hrs	Rajshahi	1205	1205	0	Rangpur	246	246	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs	Cumilla	884	884	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	7074.40	MW										
09.	Generation shortfall at evening peak due to :	:												
	a) Gas limitation	:	1162	MW			13.	Fuel cost :	(a) Gas = 100905222	Taka	(c) Coal = 14127214	Taka		
	d) Coal supply Limitation	:	210	MW					(b) Oil = 305063411	Taka	Total = 115032436	Taka		
	b) Low water level in Kaptai lake	:	145	MW										
	c) Plants under shut down/ maintenance	:	445	MW			14.	Maximum Temperature in Dhaka was : 34.0° C						
10.	Total Energy (Generation + India Import)	:	208.08	MKWh			15.	Export through East-West interconnections :						
	By Gas = 142.934	MKWH	By Oil = 39.619	MKWh				At evening peak-hour : -200 MW, at 19:30 hrs						
	By Coal = 3.660	MKWH	By Hydro = 1.762	MKWh				Maximum : -300 MW, at 1:00 hrs						
	By Solar= 0.159	MKWH						Energy : 1.233 MKWh						
11.	Total Gas Supplied	:	1183.94	MMCFD										

(C) Forecast of 15.03.19 (Today) Friday :													
01.	Maximum Demand	:	9500	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	12644	MW	(Generation end)	05.	Total Generation	:	189.33	MKWh			
03.	Maximum Shortage	:	-3144	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

(MONIRUZZAMAN)
Deputy Secretary, Generation