



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month March, 2019		Day : Thursday				Date : 28.03.19								
Probable Maximum Demand :		10400 MW		Probable Maximum Generation :		13604 MW								
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 87.06 ft		Today = 86.82 ft		Rule Curve = 88.68 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.03.19 (Yesterday)		28.03.19 (Today)		27.03.19 (Yesterday) Gen. shortfall for :	28.03.19 (Yesterday) Gen. shortfall for :	Status of Machines under shut-down/ Maintenance	Description/ Remarks	Probable start-up date	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)						Gas/water/Coal limitation MW
(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	275	188	179	179			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 CAPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	300	300	300					
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	111	111	108	108					
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	78	40	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	40	110	110					
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	333	315	360	360					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	360	350	450	450					
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage		
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	344	354	412	412					
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	80	95	200	200	115		Gas Shortage		
13	Shiddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0	217		Gas Shortage		
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100					
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100					
16	Meghnaghat CCPP (Summit)	HSD/GAS (IPP)	2x110+1x110	305	305	150	150	120	300					
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	40	92	92					
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	55	55	55					
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	10	100	100					
21	Gagnagar (Oron)	HFO (IPP)	12x8.924	102	102	24	102	102	102					
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	19	19					
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	55	51	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	0	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	16	149	149	149					
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	24	46	40	40					
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	54	54	54					
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	10	200	300					
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	80	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	17	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	8	31	60	60					
Dhaka Zone Total				6034	5798	2442	2883	4395	4775	782	0			
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	73	82	72	72	148		Water Level Low		
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	120	125	120	120	55		Gas Shortage		
	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	16	16	16					
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	17.18	0	20	0					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	48	0	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	100	131	150	150					
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	206	205	225	225					
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	41	41	24	24					
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	78	78	78					
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	100	100	100	100					
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	68	68					
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	8	75	80	80					
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	22	22					
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			2	8	14	42					
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	58	105	105	105					
Chattogram Zone Total				1761	1681	800.18	1034	1144	1152	423	0			
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	100	80	80					
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	80	100	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	10	40	40	40					
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	188	181	221	221					
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	240	340	360	360					
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	280	15	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	9	90	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	16	0	50					
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	100					
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	106	200	100	200					
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	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	16	25	33	33					
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	6	8	52	52					
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	22	21	21					
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200					
**	Tripura	India		160	160	120	160	130	170					
Cumilla Zone Total				2951	2891	1237	1383	1813	2203	0	0			
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	201	212	202	202					
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	0	0					
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	7	80	80	80					
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	111	111	110	110					
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	150	200	200					
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0					
Mymensingh Zone Total				645	637	321	553	594	592	0	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.03.19 (Yesterday)		28.03.19 (Today)		27.03.19 (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 CCGP-1	Gas (PDB)	2x32+1x33	97	70	60	60	60	60					
80	Fenchuganj CCGP-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60					
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	53	51	51					
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44					
83	Kushiara 163 MW CCGP	Gas (IPP)	1x109+1x54	163	163	100	130	163	163					
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	0	11	11					
85	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	65	42	66	66					
86	Shajibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	262	326	330	330					
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	50	85	86	86					
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	45	45	45					
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	105	105	0	120					
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	19	20	20					
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	43	47	50	50					
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	0	10					
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	25	25	0	25					
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	260	250	341	341					
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test		
Sylhet Zone Total				1594	1549	1210	1307	1327	1482	0	0			
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46					
96	Bheramara 360 MW CCGP	Gas (NWPGL)	1 x 278+1 x 132	410	410	220	200	410	410					
97	Fariapur Peaking	HFO (PDB)	8x6.98	54	54	0	37	37	37					
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	16	40	80					
99	Khulna CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0					
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115					
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	10	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	53	90	105	105					
	Modhumati Power Plant	HFO (IPP)				0	0	0	0			On Test		
**	Bheramara HVDC Interconnector	India		1000	1000	858	955	867	965					
Khulna Zone Total				2223	2209	1131	1463	1714	1898	0	0			
104	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	22	0	26					
105	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	110	110	110					
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	16	27	28	28					
107	Bhola CCGP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	132	101	120	120					
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	95	96	95	95					
Barishal Zone Total				472	462	259	356	353	379	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	50	0	54					
113	Ammura	HFO (QRPP)	7x7.79	50	50	40	40	43	43					
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	0	100	100					
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	40	40	40					
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	8	50	50	50					
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	30	0	30					
118	Sirajganj CCGP 1	Gas (NWPGL)	1x150+1x75	210	210	156	175	156	156					
119	Sirajganj CCGP 2	Gas (NWPGL)	1x150+1x75	220	220	0	0	0	0					
120	Sirajganj CCGP-3	Gas (NWPGL)	1x141+1x79	220	220	152	177	200	200					
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	200	0	0					
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	20	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	52	52					
	Confidence CPBL-2	HFO (IPP)				114	114	114	114			On Test		
Rajshahi Zone Total				1835	1825	561	1019	805	939	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	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	18	18	18					
Rangpur Zone Total				564	484	149	184	184	184	210	85			
Sub-total: Plants in operation				18079	17536	8110	10182	12329	13604	1586	85			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7703	9256	11710	12921					
Gross Total				18079	17536	8110	10182	12329	13604	1586	85			
(B) Actual data of 27.03.19 (Yesterday) Wednesday :														
01.	Max. Demand (Generation end)	:	10182.00	MW, at =	19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	9256.00	MW, at =	19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	10182.00	MW, at =	19:30 hrs	MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	6434.00	MW, at =	5:00 hrs	Dhaka	3548	3548	0	Mymensingh	787	787	0	
05.	Day-peak Generation (Generation end)	:	8110.18	MW, at =	12:00 hrs	Chattogram	1070	1070	0	Sylhet	321	321	0	
06.	Evening-peak Generation (Generation end)	:	10182.00	MW, at =	19:30 hrs	Khulna	1106	1106	0	Barishal	237	237	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:30 hrs	Rajshahi	1106	1106	0	Rangpur	237	237	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	7239.00	MW		Cumilla	844	844	0					
09.	Generation shortfall at evening peak due to :	:				13.	Fuel cost :			Total	9256	9256	0	
	a) Gas limitation	:	1228	MW			(a) Gas =	95720199	Taka	(c) Coal =	14135320	Taka		
	d) Coal supply Limitation	:	210	MW			(b) Oil =	205801610	Taka	Total =	109855519	Taka		
	b) Low water level in Kaptai lake	:	148	MW										
	c) Plants under shut down/ maintenance	:	85	MW		14.	Maximum Temperature in Dhaka was :	34.6° C						
10.	Total Energy (Generation + India Import)	:	196.22	MKWh		15.	Export through East-West interconnections :							
	By Gas =	138.324	MKWh	By Oil =	29.194	MKWh	At evening peak-hour	:	0	MW, at	19:30 hrs			
	By Coal =	3.662	MKWh	By Hydro =	1.770	MKWh	Maximum	:	-330	MW, at	8:00 hrs			
	By Solar =	0.114	MKWh				Energy	:	0.6365	MKWh				
11.	Total Gas Supplied	:	1206.62	MMCFD										
(C) Forecast of 28.03.19 (Today) Thursday :														
01.	Maximum Demand	:	10400	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	13604	MW	(Generation end)	05.	Total Generation	:	200.42	MKWh				
03.	Maximum Shortage	:	-3204	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.6° C					

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation