



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2019					Day : Monday				Date : 01.04.19				
Probable Maximum Demand : 9500 MW					Probable Maximum Generation : 13348 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 86.00 ft. Today = 86.00 ft. Rule Curve = 88.17 ft.								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.03.19 (Yesterday)		01.04.19 (Today)		31.03.19 (Yesterday)		01.04.19 (Today)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)		
					Day	Evening	Day	Evening	Gas/water/Coal limitation 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	38	38	38	38				
	c) Ghorasal: Unit-3 GT	Gas (PDB)	1 x 210	210	170	133	114	134	134			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	170	120	120				
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	0	0	300				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	100	12	108	108				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	60	0	78	78				
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0				
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	0	0				
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110				
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	347	0	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	405	225	450	450				
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0				
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	360	324	412	412				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	92	0	210	210				
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0				
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/GAS (IPP)	2x110+1x110	305	305	135	0	305	305				
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	0	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	0	55	55				
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	24	0	102	102				
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	0	19	19				
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	55	0	57	57				
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	17	17	33	33				
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	33	0	33	33				
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	51	0	51	51				
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	32	0	149	149				
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	12	0	49	49				
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	0	50	50				
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	65	0	200	300				
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	61	0	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	55	0	55	55				
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	0	55	55				
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	47	0	49	49				
Dhaka Zone Total					6034	5798	2856	936	4359	4859	0	0	
38	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	84	103	130	130	127			Water Level Low
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	110	110	110	110	70			Gas Shortage
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	0	100	100	100	80			Gas Shortage
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	3	0	16	16				
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	18.3	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	50	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				
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	231	130	225	225				
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x1.5	51	51	32	24	41	41				
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	40	70	78	78				
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	100	92	100	100				
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	9	85	85				
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	8	72	72				
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	0	22	22				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	0	2	12				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	84	105	105	105				
Chattogram Zone Total					1761	1681	773.3	801	1156	1146	317	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	115	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	33	6	40	40				
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	183	60	221	221				
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	360	0	0	0				
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	100	360	360				
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	10	0	25	25				
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	16	16	16	16				
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	7	7	35	35				
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	7	0	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	100	0	100	100				
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	56	0	200	200				
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	0	22	22				
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	0	11	11				
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	0	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	21	0	21	21				
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200				
**	Tripura	India		160	160	144	0	134	170				
Cumilla Zone Total					2951	2891	1549	354	1685	1871	0	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	209	150	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	55	8	87	87				
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	112	8	112	112				
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	0	200	200				
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0				
Mymensingh Zone Total					645	637	378	166	603	601	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.03.19 (Yesterday)		01.04.19 (Today)		31.03.19 (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	22	60	60					
80	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	61	0	60	60					
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	0	51	51					
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	0	44	44					
83	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	100	163	163					
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	0	8	8					
85	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	63	20	66	66					
86	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	266	271	330	330					
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	83	10	86	86					
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	0	47	47					
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	105	0	120	120					
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20					
91	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	43	0	46	46					
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	0	10	10					
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	0	25	25					
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	0	0	0					
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test		
Sylhet Zone Total				1594	1549	936	423	1136	1136	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 (NWPGLCL)	1 x 278+1 x 132	410	410	320	170	410	410					
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	12	9	35	35					
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	0	40	80					
99	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0					
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	66	16	115	115					
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	100	100					
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	8	40	40					
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	70	53	105	105					
	Modhumati Power Plant	HFO (IPP)				0	0	0	0			On Test		
**	Bheramara HVDC Interconnector	India		1000	1000	853	667	859	957					
Khulna Zone Total				2223	2209	1361	923	1704	1888	0	0			
104	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	26					
105	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	32	110	110					
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	23	1	28	28					
107	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	170	150	150	150					
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	90	13	95	95					
Barishal Zone Total				472	462	299	196	383	409	0	0			
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0					
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0					
110	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	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	54					
113	Amnura	HFO (QRPP)	7x7.79	50	50	24	12	43	43					
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	50	102	100	100					
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	39	40	40					
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	24	50	50	50					
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	7	0	30					
118	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	204	159	200	200					
119	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	185	174	225	225					
120	Sirajganj CCPP-3	Gas (NWPGLCL)	1x141+1x79	220	220	198	161	200	200					
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0					
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22					
123	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	17	12	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	42	8	43	43					
	Confidence CPBL-2	HFO (IPP)				0	55	113	113			On Test		
Rajshahi Zone Total				1835	1825	773	812	1064	1198	0	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	58	60	56	56	25		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	207	244	240	240	150	85			
Sub-total: Plants in operation				18079	17536	9132	4855	12330	13348	467	85			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8446	4013	11403	12344					
Gross Total				18079	17536	9132	4855	12330	13348	467	85			
(B)														
01.	Actual data of 31.03.19 (Yesterday)					Sunday :								
01.	Max. Demand (Generation end)	:	4855.00	MW, at =	21:00 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	4013.00	MW, at =	21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	9320.00	MW, at =	1:00 hrs		MW	MW	MW		MW	MW	MW	
04.	Minimum Generation (Generation end)	:	8064.10	MW, at =	7:00 hrs	Dhaka	1443	1443	0	Mymensingh	346	346	0	
05.	Day-peak Generation (Generation end)	:	9132.30	MW, at =	12:00 hrs	Chattogram	435	435	0	Sylhet	99	99	0	
06.	Evening-peak Generation (Generation end)	:	4855.00	MW, at =	21:00 hrs	Khulna	705	705	0	Barishal	126	126	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs	Rajshahi	705	705	0	Rangpur	126	126	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	2605.00	MW		Cumilla	28	28	0					
09.	Generation shortfall at evening peak due to :									Total	4013	4013	0	
	a) Gas limitation	:	190	MW		13.	Fuel cost :	(a) Gas = 90767856 Taka		(c) Coal = 22393130		Taka		
	d) Coal supply Limitation	:	150	MW	(b) Oil = 238999816 Taka			Total = 113160986		Taka				
	b) Low water level in Kaptai lake	:	127	MW										
	c) Plants under shut down/ maintenance	:	85	MW		14.	Maximum Temperature in Dhaka was : 33.6° C							
10.	Total Energy (Generation + India Import) : 186.99 MKWh					15.	Export through East-West interconnections :							
	By Gas = 127.979	MKWH	By Oil = 33.247	MKWh		At evening peak-hour : -170 MW, at 21:00 hrs								
	By Coal = 5.020	MKWH	By Hydro = 1.969	MKWh		Maximum : -510 MW, at 18:30 hrs								
	By Solar= 0.098	MKWH				Energy : 1.1775 MKWh								
11.	Total Gas Supplied : 935.34 MMCFD													
(C)														
01.	Forecast of 01.04.19 (Today)					Monday :								
01.	Maximum Demand	:	9500	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	13348	MW	(Generation end)	05.	Total Generation : 190.60 MKWh							
03.	Maximum Shortage	:	-3848	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 30.6° C							

* Captive Power ** Imported Power
#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZAMAN)
Deputy Secretary, Generation