



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month April, 2019		Day : Tuesday				Date : 16.04.19						
Probable Maximum Demand :		11300 MW		Probable Maximum Generation :		13702 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 82.91 ft		Today = 82.64 ft		Rule Curve = 85.00 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.04.19 (Yesterday)		16.04.19 (Today)		15.04.19 (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	0	0	0	0			
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	38	38	38	38			
	c) Ghorasal Unit-3 (Repowering) GT	Gas (PDB)	1 x 210	210	170	190	188	140	140		On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	246	168	180	180		On Test	
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	190	120	120	120			
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	12	22	108	108			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	20	20	20	20			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	30	0	40	40	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	55	110	110			
8	Horipur Power CAPP	Gas (IPP)	1x235+1x125	360	360	350	300	360	360			
9	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	450	450	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage	
11	Horipur 412MW CAPP	Gas (EGCB)	1x273+1x139	412	412	345	329	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	75	0	0	0	210	Gas Shortage	
13	Shiddirganj CAPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	170	200	217	217			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	0	0			
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	10	100	100			
16	Meghnaghat CAPP (Summit)	GAS/HSD (IPP)	2x110+1x110	305	305	265	210	305	305			
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	68	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	13	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	42	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	60	38	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	16	102	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	19	19	19			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	47	47	57	57			
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	25	25	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	44	10	50	50			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	32	149	149	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	43	48	48			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	54	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	29	200	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	135	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	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	0	56	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	55	56	57	57			
Dhaka Zone Total				6034	5798	3147	3384	4716	4916	470	0	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	76	80	110	110	150		Water Level Low
39	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	100	100	0	0	80	Gas Shortage	
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	120	120	120	120			
40	Razzan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	22	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.56	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	50	14	30	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	130	130	150	150			
45	Sikalbaha 225 MW CAPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	204	198	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	30	41	41	41			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	100	100	100			
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	85	85	85			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	75	70	70			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			3	19	40	40			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	32	101	100	100			
Chattogram Zone Total				1761	1681	893.56	1207	1238	1238	270	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	0	0	0	0			
	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 CAPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	185	218	0	0			
56	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	0	240	360	360			
57	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	360	300	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	152	128	180	180			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	15	45	45	45			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	60	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	0	0	50			
65	Chandpur CAPP	Gas (PDB)	1X106+1x57	163	163	50	50	50	50			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	200	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	22	22			
68	Feni, Mohal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	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	16	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	20	21	21			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200			
**	Tripura	India		160	160	132	168	132	166			
Cumilla Zone Total				2951	2891	1045	1560	1766	1950	0	0	
73	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	193	143	162	162	59		Gas Shortage
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	82	82	82			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	9	110	112	112			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	183	200	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0			
Mymensing Zone Total				645	637	224.1	538	576	576	59	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.04.19 (Yesterday)		16.04.19 (Today)		15.04.19 (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	58	60	60					
80	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	20	18	60	60					
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	52	50	50					
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	50	44	44					
83	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	130	163	163					
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11					
85	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	63	40	66	66					
86	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	290	288	320	320					
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	85	85	86	86					
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	47	46	45					
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	104	105	120	120					
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	18	20	20					
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	43	42	46	46					
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10					
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	0	22	25	25					
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	260	341	341					
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test		
Sylhet Zone Total						1594	1549	1264	1236	1468	1467	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	0	0	0	0					
97	Fariapur Peaking	HFO (PDB)	8x6.98	54	54	0	38	38	38					
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	60	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	0	115	115	115					
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	94	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	70	105	105	105					
	Modhumati Power Plant	HFO (IPP)				108	108	108	108			On Test		
**	Bheramara HVDC Interconnector	India		1000	1000	837	940	865	963					
Khulna Zone Total						2223	2209	1015	1500	1371	1595	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	0	110	110	110					
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	34	33	33					
107	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	120	120	75	150					
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	2	98	95	95					
Barishal Zone Total						472	462	139	362	313	414	0	0	
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	60	55	60	60					
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	50	80	0	0					
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	0	0	54					
113	Ammura	HFO (QRPP)	7x7.79	50	50	24	35	35	35					
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	100	100	100					
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	40					
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	8	8	50	50					
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	30	0	36					
118	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	197	190	200	200					
119	Sirajganj CCPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	201	186	225	225					
120	Sirajganj CCPP-3	Gas (NWPGL)	1x141+1x79	220	220	198	183	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	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	8	43	43	43					
126	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	0	108	113	113					
Rajshahi Zone Total						1948	1938	796	1118	1076	1256	0	0	
127	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.04.19	
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	68	67	71	71	18		Coal Shortage		
128	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	184	184	184	184	90		Coal Shortage		
129	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	17					
130	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	18					
Rangpur Zone Total						564	484	252	285	255	290	108	85	
Sub-total: Plants in operation						18192	17649	8776	11190	12781	13702	907	85	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss								8296	10430	12082	12953			
Gross Total						18192	17649	8776	11190	12781	13702	907	85	
(B) Actual data of 15.04.19 (Yesterday) Monday :														
01.	Max. Demand (Generation end)	:	11190.00	MW, at = 20:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	10430.00	MW, at = 20:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	11190.00	MW, at = 20:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	7242.50	MW, at = 7:00 hrs		Dhaka	3985	3985	0	Mymensingh	778	778	0	
05.	Day-peak Generation (Generation end)	:	8775.66	MW, at = 12:00 hrs		Chattogram	1103	1103	0	Sylhet	314	314	0	
06.	Evening-peak Generation (Generation end)	:	11190.00	MW, at = 20:00 hrs		Khulna	1339	1339	0	Barishal	276	276	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 20:00 hrs		Rajshahi	1339	1339	0	Rangpur	276	276	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	7977.20	MW		Cumilla	1020	1020	0					
09.	Generation shortfall at evening peak due to :	:								Total	10430	10430	0	
	a) Gas limitation	:	649	MW	13.	Fuel cost :	(a) Gas = 108686903	Taka	(c) Coal = 27309341	Taka				
	d) Coal supply Limitation	:	108	MW			(b) Oil = 276190242	Taka	Total = 135996244	Taka				
	b) Low water level in Kaptai lake	:	150	MW										
	c) Plants under shut down/ maintenance	:	85	MW	14.	Maximum Temperature in Dhaka was :	34.1° C							
10.	Total Energy (Generation + India Import)	:	218.34	MKWh	15.	Export through East-West interconnections :								
	By Gas = 150.328	MKWh		By Oil = 37.132	MKWh	At evening peak-hour	: -440 MW, at 20:00 hrs							
	By Coal = 6.138	MKWh		By Hydro = 1.751	MKWh	Maximum	: -772 MW, at 1:00 hrs							
	By Solar = 0.146	MKWh				Energy	: 5.513 MKWh							
11.	Total Gas Supplied	:	1344.29	MMCFD										
(C) Forecast of 16.04.19 (Today) Tuesday :														
01.	Maximum Demand	:	11300	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation	:	13702	MW (Generation end)	05.	Total Generation	:	220.48	MKWh					
03.	Maximum Shortage	:	-2402	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	37.3° C							

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation