



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2019				Day : Friday				Date : 19.04.19				
Probable Maximum Demand : 10700 MW				Probable Maximum Generation : 13669 MW				Rule Curve = 84.40 ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 81.98 ft				Today = 81.65 ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	18.04.19 (Yesterday)		19.04.19 (Today)		18.04.19 (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)		
(A) Plants in operation:												
1	a) Ghorasal ST:Unit -1	Gas (PDB)	1 x 55	55	40	0	25	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	114	114	133	133		On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	120	98	150	150		On Test	
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	120	110	120	120			
2	Ghorasal CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	150	100	200	200			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	12	12			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	0	0			
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	80	110	110			
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	300	353	360	360			
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	400	400	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage	
11	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	346	328	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	100	100	210	Gas Shortage	
13	Siddhirganj CCGP-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	0	0			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	24	50	100	100			
16	Meghnaghat CCGP (Summit)	GAS/HSD (IPP)	2x110+1x110	305	305	295	220	305	305			
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	100	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	81	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	50	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	16	100	102	102			
22	Narsingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	46	45	57	57			
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
25	Summit Power, Rupganj	Gas (SIPP, REB)	4x8.73	33	33	16	25	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	50	51	51	51			
	Gazipur 100 MW	HFO (RPCL)				32	0	0	0		On Test	
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	49	6	50			
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	27	75	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	115	149	149	149			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	58	300	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	12	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	56	56	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	19	54	54	54			
Dhaka Zone Total				6034	5798	2445	3186	4465	4509	470	0	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	80	75	110	110	155	Water Level Low	
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage	
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	120	120	120	120	60	Gas Shortage	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	18.8	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	38	38	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	138	143	150	150			
45	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	222	204	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	41	41	41	41			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	88	100	100			
48	Julda (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	49	80	80			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	15	11	27			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	84	104	100	100			
Chattogram Zone Total				1761	1681	897.8	1106	1239	1235	435	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135	Gas Shortage	
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	0	0	0	0	129	Gas Shortage	
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	80	100	134	Gas Shortage	
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	33	17	40	40			
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	143	141	145	145			
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	300	356	360	360			
57	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	300	360	360	360			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	52	52	53	53			
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	110	175	110	110			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	45	45	45			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	141	150	150			
63	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	50	0	50			
65	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	50	51	50	50			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	200	200	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	33	33			
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	52	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	21	21	21			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200			
**	Tripura	India		160	160	140	172	136	170			
Cumilla Zone Total				2951	2891	1451	1893	2073	2177	398	0	
73	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	88	89	126	126	113	Gas Shortage	
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	14	20	20			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	75	83	82	82			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	111	85	115	115			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	40	150	200	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1	0	2	0			
Mymensingh Zone Total				645	637	332	421	545	543	113	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	18.04.19 (Yesterday)		19.04.19 (Today)		18.04.19 (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	60	60	60				
80	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	66	66	66	66				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	41	53	50	50				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	35	44	44				
83	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	120	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	60	50	66	66				
86	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	287	185	280	280				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	82	50	85	85				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	46	47	47	47				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	118	84	120	120				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	19	20	20				
91	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	41	42	45	45				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	0	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	8	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	1324	1133	1433	1433	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	0	0	0	0				
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	41	41	41				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	72	50	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	0	115	115	115				
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	97	96	96				
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	109	109			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	744	843	752	852				
Khulna Zone Total				2223	2209	922	1421	1308	1484	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	110	110	110				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	24	33	33	33				
107	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	145	137	145	145				
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	94	97	95	95				
Barishal Zone Total				472	462	279	377	383	409	0	0		
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	0	50	50				
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	50	50				
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	56	0	56				
113	Amnura	HFO (QRPP)	7x7.79	50	50	0	40	43	43				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	100	100	100				
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	40	0	40				
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	32	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	36	0	36				
118	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	171	154	200	200				
119	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	162	183	225	225				
120	Sirajganj CCPP-3	Gas (NWPGLCL)	1x141+1x79	220	220	172	178	200	200				
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	220	350	282	282				
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
123	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	16	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	0	43	43	43				
126	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	108	108	113	113				
Rajshahi Zone Total				1948	1938	937	1420	1406	1588	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	70	67	72	72	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	17	17				
130	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	17	18	18				
Rangpur Zone Total				564	484	254	285	291	291	108	85		
Sub-total: Plants in operation				18192	17649	8842	11242	13143	13669	1524	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8420	10581	12516	13017				
Gross Total				18192	17649	8842	11242	13143	13669	1524	85		

(B) Actual data of 18.04.19 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	11242.00	MW,	at =	19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand (Sub-station end)	:	10581.00	MW,	at =	19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	11242.00	MW,	at =	19:30 hrs	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	8054.03	MW,	at =	7:00 hrs	Dhaka	4057	4057	0	Mymensingh	755	755
05.	Day-peak Generation (Generation end)	:	8841.80	MW,	at =	12:00 hrs	Chattogram	1170	1170	0	Sylhet	418	418
06.	Evening-peak Generation (Generation end)	:	11242.00	MW,	at =	19:30 hrs	Khulna	1309	1309	0	Barishal	267	267
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs	Rajshahi	1309	1309	0	Rangpur	267	267
08.	Actual Minimum Generation up to 8:00 hrs.	:	7377.90	MW			Cumilla	1029	1029	0			
09.	Generation shortfall at evening peak due to :	:									Total	10581	10581
	a) Gas limitation	:	1261	MW			13.	Fuel cost :	(a) Gas = 100836567	Taka	(c) Coal = 27464241	Taka	
	d) Coal supply Limitation	:	108	MW				(b) Oil = 384240367	Taka	Total = 128300808	Taka		
	b) Low water level in Kaptai lake	:	155	MW									
	c) Plants under shut down/ maintenance	:	85	MW			14.	Maximum Temperature in Dhaka was :					33.5° C
10.	Total Energy (Generation + India Import)	:	232.07	MKWh			15.	Export through East-West interconnections :					
	By Gas = 149.019	MKWh	By Oil =	54.067	MKWh			At evening peak-hour					: 40 MW, at 19:30 hrs
	By Coal = 6.155	MKWh	By Hydro =	1.696	MKWh			Maximum					: -100 MW, at 6:00 hrs
	By Solar= 0.155	MKWh						Energy					: 0.148 MKWh
11.	Total Gas Supplied	:	1270.09	MMCFD									

(C) Forecast of 19.04.19 (Today) Friday :													
01.	Maximum Demand	:	10700	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	13669	MW	(Generation end)	05.	Total Generation	:	220.88	MKWh			
03.	Maximum Shortage	:	-2969	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :						37.4° C

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

(MONIRUZAMAN)
Deputy Secretary, Generation