



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2019				Day : Saturday				Date : 20.04.19				
Probable Maximum Demand : 11500 MW				Probable Maximum Generation : 12928 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 81.65 ft				Today = 81.21 ft				
				Rule Curve = 84.20 ft.								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.04.19 (Yesterday)		20.04.19 (Today)		19.04.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					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
(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	93	94	94	94		On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	72	170	150	150		On Test	
	e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	120	120	120	120			
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	120	0	250	250			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0			
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	110	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	344	346	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	380	430	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	372	271	0	0			
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage	
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	0	0			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	90	100	100			
16	Meghnaghat CCPP (Summit)	GAS/HSD (IPP)	2x110+1x110	305	305	295	235	305	305			
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	96	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	64	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	82	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	0	94	102	102			
22	Narshingdi (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	25	34	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	25	33	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	50	51	51	51			
	Gazipur 100 MW	HFO (RPCL)				35	0	0	0		On Test	
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	149	149	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	49	50	50			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	17	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	289	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	30	149	149	149			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	78	300	300			
33	Bramhangao 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	10	100	100			
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	11	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	36	56	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	33	13	54	54			
Dhaka Zone Total				6034	5798	2169	3341	3996	3996	470	0	
38	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	80	110	110	110	120	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	50	120	120	130	Gas Shortage	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	0	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	37	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	60	0	150	150			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	203	0	0	0			
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	30	100	100	100			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	76	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	76	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			8	8	15	27			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	0	0	0			
Chattogram Zone Total				1761	1681	674	652	918	910	470	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	80	80	80	100	54	Gas Shortage	
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	14	14	40	40			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	35	220	220	220			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	300	350	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	320	310	360	360			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	46	10	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	157	110	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	5	149	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 CCPP	Gas (PDB)	1X106+1x57	163	163	50	51	50	50			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	40	190	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22			
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	3	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	3	27	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	16	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	96	168	139	169			
Cumilla Zone Total				2951	2891	1259	1852	2151	2251	318	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	88	104	126	126	98	Gas Shortage	
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	20	20			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	10	83	82	82			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	111	111	115	115			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	200	200	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0			
Mymensingh Zone Total				645	637	228.1	515	545	543	98	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.04.19 (Yesterday)		20.04.19 (Today)		19.04.19 (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	58	60	60	60				
80	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	58	58	66	66				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	52	50	50				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	50	50				
83	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	3	11	11	11				
85	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	60	63	66	66				
86	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	137	135	280	280				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	82	85	85	85				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	46	46	47	47				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	107	84	120	120				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	0	20	20				
91	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	39	41	45	45				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	17	24	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	300	280	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	1165	1162	1439	1439	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	34	41	41				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	60	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	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	37	105	105	105			On Test	
	Modhumati Power Plant	HFO (IPP)				72	90	109	109				
**	Bheramara HVDC Interconnector	India		1000	1000	645	743	867	965				
Khulna Zone Total				2223	2209	754	1284	1427	1601	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	20	34	33	33				
107	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	145	145	145	145				
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	95	97	95	95				
Barishal Zone Total				472	462	260	386	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	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	55	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	95	100	100				
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	35	0	40				
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	39	0	36				
118	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	188	183	200	200				
119	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	178	185	225	225				
120	Sirajganj CCPP-3	Gas (NWPGLCL)	1x141+1x79	220	220	180	176	200	200				
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	370	280	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	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	34	43	43				
126	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	52	108	113	113				
Rajshahi Zone Total				1948	1938	1026	1380	1306	1488	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	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	18	18	18				
Rangpur Zone Total				564	484	252	286	291	291	108	85		
Sub-total: Plants in operation				18192	17649	7787	10858	12456	12928	1464	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7318	10095	11706	12149				
Gross Total				18192	17649	7787	10858	12456	12928	1464	85		

(B) Actual data of 19.04.19 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	:	10858.00	MW,	at =	21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand (Sub-station end)	:	10095.00	MW,	at =	21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	10858.00	MW,	at =	21:00 hrs	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	7287.10	MW,	at =	9:00 hrs	Dhaka	3689	3689	0	Mymensingh	868	868
05.	Day-peak Generation (Generation end)	:	7787.10	MW,	at =	12:00 hrs	Chattogram	1047	1047	0	Sylhet	430	430
06.	Evening-peak Generation (Generation end)	:	10858.00	MW,	at =	21:00 hrs	Khulna	1254	1254	0	Barishal	262	262
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	21:00 hrs	Rajshahi	1254	1254	0	Rangpur	262	262
08.	Actual Minimum Generation up to 8:00 hrs.	:	7833.50	MW			Cumilla	1029	1029	0			
09.	Generation shortfall at evening peak due to :	:									Total	10095	10095
	a) Gas limitation	:	1236	MW			13.	Fuel cost :	(a) Gas = 87884079 Taka	(c) Coal = 27506385 Taka			
	d) Coal supply Limitation	:	108	MW					(b) Oil = 395265575 Taka	Total = 115390464 Taka			
	b) Low water level in Kaptai lake	:	120	MW									
	c) Plants under shut down/ maintenance	:	85	MW			14.	Maximum Temperature in Dhaka was : 35.4° C					
10.	Total Energy (Generation + India Import)	:	213.04	MKWh			15.	Export through East-West interconnections :					
	By Gas = 132.821 MKWH			By Oil = 53.582 MKWh				At evening peak-hour : -120 MW, at 21:00 hrs					
	By Coal = 6.172 MKWH			By Hydro = 1.827 MKWh				Maximum : -180 MW, at 4:00 hrs					
	By Solar= 0.082 MKWH							Energy : 0.3925 MKWh					
11.	Total Gas Supplied	:	1131.25	MMCFD									

(C) Forecast of 20.04.19 (Today) Saturday :													
01.	Maximum Demand	:	11500	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	12928	MW	(Generation end)	05.	Total Generation	:	225.64	MKWh			
03.	Maximum Shortage	:	-1428	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	35.5° C				

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

(MONIRUZAMAN)
Deputy Secretary, Generation