



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2019				Day : Thursday				Date : 25.04.19				
Probable Maximum Demand : 12200 MW				Probable Maximum Generation : 13174 MW				Rule Curve = 83.40 ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 79.13 ft				Today = 79.13 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.04.19 (Yesterday)		25.04.19 (Today)		24.04.19 (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	0	0	0			
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	34	36	36	36			
	c) Ghorasal: Unit-3 (Repowering) GT	Gas (PDB)	1 x 210	210	170	133	134	150	150		On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	100	100	0	0		On Test	
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	110	110	120	120	80	Gas Shortage	
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	250	230	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	232	352	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	410	420	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	330	280	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	19	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	17	100	100	100			
16	Meghnaghat CCPP (Summit)	GAS/HSD (IPP)	2x110+1x110	305	305	150	150	335	335			
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	45	92	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	100	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	42	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	76	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	92	102	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	49	49	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	17	33	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	50	50	51	51			
	Gazipur 100 MW	HFO (RPCL)				90	109	100	100		On Test	
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	149	149	149	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	26	50	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	14	300	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	149	149	149	149			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	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	0	100	100			
35	Southern Power	HFO (IPP)	3x19.3	55	55	55	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	60	61	54	54			
Dhaka Zone Total				6034	5798	2719	3606	4030	4030	550	0	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	77	102	110	110	128	Water Level Low	
39	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	110	120	0	0	60	Gas Shortage	
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	120	120	0	0	60	Gas Shortage	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	16	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	45	45	46	46			
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	131	130	130	130			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	215	204	150	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	24	32	41	41			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	68	68	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	52	70	70			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	20	20			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	5	5	15			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	95	105	100	100			
Chattogram Zone Total				1761	1681	1041	1212	1002	1067	288	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	0	0	54	Gas Shortage	
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	17	17	20	20			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	183	202	220	220			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	300	250	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	320	250	360	360			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	52	53	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	81	81	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	100	150	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	0	0	50			
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	50	50	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	19	22	22	22			
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	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	30	52	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	20	21	21			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200			
**	Tripura	India		160	160	148	184	140	174			
Cumilla Zone Total				2951	2891	1678	1697	2052	2136	318	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	71	88	110	120	114	Gas Shortage	
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	20	20			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	85	85	85	85			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	111	111	115	115			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	160	195	200	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0			
Mymensingh Zone Total				645	637	446	499	532	540	114	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.04.19 (Yesterday)		25.04.19 (Today)		24.04.19 (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 CAPP-1	Gas (PDB)	2x32+1x33	97	70	60	59	60	60				
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	58	60	60	60				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	53	50	50				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	44	50	50	50				
83	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	130	130	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	49	42	66	66				
86	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	216	216	200	200				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	78	77	85	85				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	46	45	45				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	48	48	50	50				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20				
91	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	39	45	42	42				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	24	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	270	250	341	341				
	Bibiana- 3	Gas (PDB)				55	286	285	285			On Test	
Sylhet Zone Total				1594	1549	1175	1407	1563	1563	0	0		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	16	0	46				
96	Bheramara 360 MW CAPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	0	0	0	0		410	Under Maintenance	5.5.19
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	37	40	40				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	65	50	80				
99	Khulna CAPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	225	225				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	99	115	115	115				
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	96	100	100				
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	16	40	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	105	105	105	105				
	Modhumati Power Plant	HFO (IPP)				108	109	108	108			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	831	927	854	852				
Khulna Zone Total				2223	2209	1159	1510	1637	1711	0	410		
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	24	30	33	33				
107	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	178	178	178	178				
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	95	95	95	95				
Barishal Zone Total				472	462	297	413	416	442	0	0		
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	60	50	0	0	21		Gas Shortage	
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	50	50	0	0	50		Gas Shortage	
110	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	50	50	50	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	33	50	55				
113	Amnura	HFO (QRPP)	7x7.79	50	50	6	40	40	40				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	94	99	100	100				
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	45	45	45	45				
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	27	34	35	35				
118	Sirajganj CAPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	183	180	200	200				
119	Sirajganj CAPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	186	185	200	200				
120	Sirajganj CAPP-3	Gas (NWPGLCL)	1x141+1x79	220	220	175	169	200	200				
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	300	410	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	16	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	42	45	45				
126	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	17	17	113	113				
Rajshahi Zone Total				1948	1938	1335	1503	1460	1465	71	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	0	0	0	0	85		Coal Shortage	
128	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	184	180	185	185	94		Coal Shortage	
129	Rangpur GT	HSD (PDB)	1 x 20	20	20	14	16	17	17				
130	Syedpur GT	HSD (PDB)	1 x 20	20	20	9	14	18	18				
Rangpur Zone Total				564	484	207	210	220	220	179	85		
Sub-total: Plants in operation				18192	17649	10057	12057	12912	13174	1520	495		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9428	10991	12105	12350				
Gross Total				18192	17649	10057	12057	12912	13174	1520	495		
(B) Actual data of 24.04.19 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end) : 12057.00 MW, at = 20:00 hrs					12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end) : 10991.00 MW, at = 20:00 hrs					Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end) : 12057.00 MW, at = 20:00 hrs						MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end) : 8442.05 MW, at = 7:00 hrs					Dhaka	4260	4260	0	Mymensingh	900	900	0
05.	Day-peak Generation (Generation end) : 10057.00 MW, at = 12:00 hrs					Chattogram	1174	1174	0	Sylhet	460	460	0
06.	Evening-peak Generation (Generation end) : 12057.00 MW, at = 20:00 hrs					Khulna	1338	1338	0	Barishal	231	231	0
07.	Evening Peak Load-shed (Sub-station end) : 0.00 MW, at = 20:00 hrs					Rajshahi	1338	1338	0	Rangpur	231	231	0
08.	Actual Minimum Generation up to 8:00 hrs. : 8838.20 MW					Cumilla	1059	1059	0				
09.	Generation shortfall at evening peak due to : :									Total	10991	10991	0
	a) Gas limitation : 1213 MW					13.	Fuel cost :	(a) Gas = 106141756 Taka		(c) Coal = 17254586 Taka		Taka	
	d) Coal supply Limitation : 179 MW							(b) Oil = 427760671 Taka		Total = 123396342 Taka			
	b) Low water level in Kaptai lake : 128 MW												
	c) Plants under shut down/ maintenance : 495 MW					14.	Maximum Temperature in Dhaka was : 36.7° C						
10.	Total Energy (Generation + India Import) : 244.72 MKWh					15.	Export through East-West interconnections :						
	By Gas = 153.670 MKWH By Oil = 61.191 MKWh					At evening peak-hour : -170 MW, at 20:00 hrs							
	By Coal = 4.470 MKWH By Hydro = 1.723 MKWh					Maximum : -360 MW, at 1:00 hrs							
	By Solar= 0.156 MKWH					Energy : 1.9965 MKWh							
11.	Total Gas Supplied : 1316.31 MMCFD												
(C) Forecast of 25.04.19 (Today) Thursday :													
01.	Maximum Demand : 12200 MW (Generation end)					04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation : 13174 MW (Generation end)					05.	Total Generation : 247.62 MKWh						
03.	Maximum Shortage : -974 MW (Generation end)					06.	Probable Max. Temperature in Dhaka : 38.4° C						

* Captive Power ** Imported Power

#Remarks: Highest Generation 12057MW on 24-04-2019 at 20:00

(MONIRUZAMAN)
Deputy Secretary, Generation