



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2019				Day : Thursday				Date : 02.05.19				
Probable Maximum Demand : 12200 MW				Probable Maximum Generation : 14481 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 76.41 ft				Today = 76.31 ft				
				Rule Curve = 81.81 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.05.19 (Yesterday)		02.05.19 (Today)		01.05.19 (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	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	36	36	36	36			
	c) Ghorasal Unit-3 (Repowering) GT	Gas (PDB)	1 x 210	210	170	0	94	94	94		On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	180	180	240	240		On Test	
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage	
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	315	370	340	340			
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	12	12	100	100			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	40	70	70			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	40	40	40	40	65	Gas Shortage	
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	20	40	40	40			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	55	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	303	350	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	360	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	361	351	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	120	195	90	90	15	Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	150	218	220	220			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	0	0			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
16	Meghnaghat CCPP (Summit)	GAS/HSD (IPP)	2x110+1x110	305	305	295	285	335	335			
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	15	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	10	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	50	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	47	49	57	57			
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	28	33	33	33			
25	Summit Power, Rupganj	Gas (SIPP, REB)	4x8.73	33	33	33	21	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	51	51	51			On Test
	Gazipur 100 MW	HFO (RPCL)				18	0	100	100			
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	54	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	30	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	36	149	149			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
33	Bramhangonj 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	35	55	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	37	55	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	20	60	60			
Dhaka Zone Total				6034	5798	2473	3447	5162	5162	385	0	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	40	100	100	190	Water Level Low	
39	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	100	100	100	100	80	Gas Shortage	
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	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	19	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	16	12	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	100	130	130	130			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	225	230	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	16	16	40	40			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	88	90	90			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	30	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	73	80	80			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	13	16	20	20			
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			42	42	10	20			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	12	64	65	65			
Chattogram Zone Total				1761	1681	623	1021	1136	1126	490	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	0	0	134	Gas Shortage	
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	30	30	27	27			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	180	193	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	300	345	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	200	250	360	360			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	47	51	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	78	78	150	150			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	35	45	45			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	50	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	16	0	50			
65	Chandpur CCPP	Gas (PDB)	1x106+1x57	163	163	100	101	0	0			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	200	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	18	22	22			
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	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	0	52	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	0	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	132	174	140	178			
Cumilla Zone Total				2951	2891	1129	1654	2050	2138	398	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	88	149	200	200	53	Gas Shortage	
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	20	20	20			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	92	95	95			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	106	108	115	115			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	180	200	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0			
Mymensingh Zone Total				645	637	204	549	632	630	53	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.05.19 (Yesterday)		02.05.19 (Today)		01.05.19 (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 CCGP-1	Gas (PDB)	2x32+1x33	97	70	55	60	60	60				
80	Fenchuganj CCGP-2	Gas (PDB)	2x35+1x35	104	90	52	59	60	60				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	50	50	50				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	15	50	50	50				
83	Kushara 163 MW CCGP	Gas (IPP)	1x109+1x54	163	163	0	0	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
85	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	31	38	66	66				
86	Shajibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	280	153	160	160				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	50	80	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	43	43	46	46				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	67	90	100	120				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	19	20	20				
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	39	41	40	40				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	16	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	300	290	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	987	1010	1288	1308	0	0		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	40				
96	Bheramara 360 MW CCGP	Gas (NWPGL)	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	10	35	40	40				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	50	50	80				
99	Khulna CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	99	115	115				
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	30	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	17	105	105	105				
	Modhumati Power Plant	HFO (IPP)				89	90	108	108			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	792	840	850	948				
Khulna Zone Total				2223	2209	908	1289	1408	1576	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	96	110	110				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	24	39	33	33				
107	Bhola CCGP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	178	177	178	178				
108	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	94	96	95	95				
Barishal Zone Total				472	462	296	408	416	442	0	0		
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	60	60	60	11		Gas Shortage	
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	100	100	100				
110	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	50	50				
111	Baghabari 200MW (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
112	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	39	46	46				
113	Ammura	HFO (QRPP)	7x7.79	50	50	6	40	40	40				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	47	95	100	100				
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	43	48	48				
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	8	50	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	28	35	35				
118	Sirajganj CCGP 1	Gas (NWPGL)	1x150+1x75	210	210	175	173	200	200				
119	Sirajganj CCGP 2	Gas (NWPGL)	1x150 + 1x75	220	220	153	146	200	200				
120	Sirajganj CCGP-3	Gas (NWPGL)	1x141+1x79	220	220	175	172	200	200				
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	250	270	350	350				
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22				
123	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	14	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	51	43	43				
126	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	0	108	108	108				
Rajshahi Zone Total				1948	1938	923	1472	1880	1880	11	0		
127	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	10.05.19
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	69	61	0	0	24		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	0	17	17				
130	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	18	18				
Rangpur Zone Total				564	484	253	245	219	219	114	85		
Sub-total: Plants in operation				18192	17649	7796	11095	14191	14481	1451	495		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7386	10185	13445	13720				
Gross Total				18192	17649	7796	11095	14191	14481	1451	495		

(B) Actual data of 01.05.19 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	11095.00	MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10185.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	11095.00	MW, at = 21:00 hrs			MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	7453.81	MW, at = 9:00 hrs		Dhaka	3636	3636	0	Mymensingh	919		0
05.	Day-peak Generation (Generation end)	:	7796.00	MW, at = 12:00 hrs		Chattogram	974	974	0	Sylhet	359		0
06.	Evening-peak Generation (Generation end)	:	11095.00	MW, at = 21:00 hrs		Khulna	1315	1315	0	Barishal	292		0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Rajshahi	1315	1315	0	Rangpur	292		0
08.	Actual Minimum Generation up to 8:00 hrs.	:	8553.80	MW		Cumilla	1083	1083	0				
09.	Generation shortfall at evening peak due to :	:								Total	10185	10185	0
	a) Gas limitation	:	1147	MW		13.	Fuel cost :	(a) Gas = 102125320	Taka	(c) Coal = 26796499	Taka		
	d) Coal supply Limitation	:	114	MW				(b) Oil = 324628658	Taka	Total = 128921818	Taka		
	b) Low water level in Kaptai lake	:	190	MW									
	c) Plants under shut down/ maintenance	:	495	MW									
10.	Total Energy (Generation + India Import)	:	222.28	MKWh		14.	Maximum Temperature in Dhaka was : 36.3° C						
	By Gas = 150.343			MKWh		15.	Export through East-West interconnections :						
	By Coal = 6.051			MKWh			At evening peak-hour : -400 MW, at 21:00 hrs						
	By Solar= 0.146			MKWh			Maximum : -400 MW, at 21:00 hrs						
11.	Total Gas Supplied	:	1326.21	MMCFD			Energy : 2.6535 MKWh						

(C) Forecast of 02.05.19 (Today) Thursday :													
01.	Maximum Demand	:	12200	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	14481	MW (Generation end)	05.	Total Generation : 244.42 MKWh							
03.	Maximum Shortage	:	-2281	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 36.3° C							

* Captive Power ** Imported Power

#Remarks: Highest Generation 12200MW on 29-04-2019 at 19:30

(MONIRUZZAMAN)
Deputy Secretary, Generation