



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2019					Day : Sunday				Date : 12.05.19				
Probable Maximum Demand : 12600 MW					Probable Maximum Generation : 14921 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 74.55 ft		Today = 74.28 ft		Rule Curve = 79.91 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.05.19 (Yesterday)		12.05.19 (Today)		11.05.19 (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)			
(A) Plants in operation:													
1	a) Ghorasal ST:Unit -1	Gas (PDB)	1 x 55	55	40	38	38	38	38				
	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	134	134	135	135		On Test		
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	140	130	180	180		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	300	280	350	350				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	102	108	108	108				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	72	40	74				
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	40	40	40	40				
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	110	110	110				
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	345	338	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	400	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	337	328	412	412				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	187	145	195	150	65	Gas Shortage		
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0				
14	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	70	100	100				
15	Meghnaghat CCPP (Summit)	Gas (IPP)	2x110+1x110	305	305	285	235	335	335				
16	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	100	100	100				
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	100	100	100				
18	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55				
19	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	50	100	100				
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	50	100	102	102				
21	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	19	19	19				
22	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	24	51	49	49				
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
24	Summit Power, Rupganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	41	48	51	51				
	Gazipur 100 MW	HFO (RPCL)				0	0	0	0		On Test		
26	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	149	149	149				
27	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	21	48	48	48				
28	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	35	54	54				
29	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	31	250	200	300				
30	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	149	144	149	149				
31	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	100	300				
32	Bramhangonj 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100				
33	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100				
34	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55				
35	Northern 55 MW	HFO (IPP)	3x19.3	55	55	37	56	55	55				
36	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	52	61	56	56				
Dhaka Zone Total				5934	5698	3032	3881	4597	4886	475	0		
37	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	38	34	40	40	196	Water Level Low		
38	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	150	150	150	150	30	Gas Shortage		
39	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	25	25	25				
40	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	18.89	0	20	0				
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	43	46	47	50				
42	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage		
43	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	145	145	130	145				
44	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	224	229	225	225				
45	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	24	24	25	25				
46	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	105	76	105	105				
47	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	52	90	100	100				
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	85	85	85				
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	76	83	83				
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	16	17	17				
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			9	37	5	20				
51	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	90	96	108	108				
Chattogram Zone Total				1761	1681	922.89	1129	1165	1178	446	0		
52	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		
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	30	29	37	37				
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	205	183	221	221				
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	280	300	360	360				
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	240	245	360	360				
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	54	56	55	55				
58	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5				
59	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	86	105	195	195				
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	35	35	35	35				
61	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	35	130	150	150				
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50				
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100				
64	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	52	200	200	200				
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	22	22	22				
66	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	25	25	33				
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	52	52	52				
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	20	21	21				
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200				
**	Tripura	India		160	160	146	188	151	188				
Cumilla Zone Total				2866	2806	1326	1706	2100	2295	398	0		
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	145	148	150	150	54	Gas Shortage		
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20				
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	50	94	85	94				
74	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	106	103	115	115				
75	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	200	200	200				
76	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	2	0				
Mymensingh Zone Total				645	637	330.4	565	572	579	54	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.05.19 (Yesterday)		12.05.19 (Today)		11.05.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
						Day	Evening	Day	Evening				
77	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	56	54	30	60				
78	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	48	48	30	60				
79	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	44	52	47	52				
80	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	50	50	50				
81	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	130	163	163				
82	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
83	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	61	50	66	66				
84	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	326	327	330	330				
85	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	81	84	86	86				
86	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	43	46	45	45				
87	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	124	85	120	124				
88	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	18	19	19				
89	Sylhet (Eneegyprima)	Gas (RPP)	27x2.0	50	50	41	43	43	43				
90	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
91	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	24	25	25				
92	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	240	341	341				
	Bibiana- 3	Gas (PDB)				90	200	230	250			On Test	
Sylhet Zone Total				1594	1549	1448	1472	1646	1735	0	0		
93	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	48	0	32				
94	Bheramara 360 MW CCPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Under Maintenance	20.5.19
95	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	9	40	40				
96	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	70	50	80				
97	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0				
98	Khulna (KPLC-2)	HFO (QRPP)	7x17	115	115	16	115	115	115				
99	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	80	100	100				
100	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	40	40	40				
101	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	105	105	105	105				
102	Modhumati Power Plant	HFO (NWPGLCL)	6x18.415	105	105	35	105	108	108				
**	Bheramara HVDC Interconnector	India		1000	1000	943	943	955	955				
Khulna Zone Total				2328	2314	1107	1515	1513	1575	0	410		
103	Barisal GT :Unit-1, 2	HSD (PDB)	2 x 20	40	30	0	22	0	26				
104	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	96	100	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	26	43	33	33				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	176	142	175	175				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	91	97	95	95				
Barishal Zone Total				472	462	389	404	413	439	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	40	55	60	31		Gas Shortage	
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	75	50	75	75	50		Gas Shortage	
109	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	50	50				
110	Baghabari 200MW (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
111	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	32	46	46				
112	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50				
113	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	93	94	94				
114	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	48	48	48				
115	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
116	Santhar Peaking	HFO (PDB)	6x8.7	50	50	0	35	30	35				
117	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	196	155	202	202				
118	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	195	161	200	200				
119	Sirajgonj CCPP-3	Gas (NWPGLCL)	1x141+1x79	220	220	169	155	212	212				
120	Sirajgonj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	270	400	390	400				
121	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
122	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	13	16	17	17				
123	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
124	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	50	52	52				
125	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	54	108	108	108				
Rajshahi Zone Total				2080	2070	1077	1526	1912	1932	81	0		
126	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	20.05.19
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	62	63	65	68	22		Coal Shortage	
127	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	199	199	199	199	75		Coal Shortage	
128	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	17	17				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	17	18	18				
Rangpur Zone Total				564	484	261	296	299	302	97	85		
Sub-total: Plants in operation				18244	17701	9893	12494	14217	14921	1551	495		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						9257	11610	13302	13961				
(B) Plant Under long term maintenance													
130	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0				
Sub-Total: Plants under long term maintenance				85	85	0	0	0	0				
Gross Total				18329	17786	9893	12494	14217	14921	1551	495		
(C) Actual data of 11.05.19 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	12494.00	MW, at = 20:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	11610.00	MW, at = 20:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12494.00	MW, at = 20:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	9093.50	MW, at = 7:00 hrs		Dhaka	4383	4383	0	Mymensingh	955	955	0
05.	Day-peak Generation (Generation end)	:	9893.29	MW, at = 12:00 hrs		Chattogram	1158	1158	0	Sylhet	505	505	0
06.	Evening-peak Generation (Generation end)	:	12494.00	MW, at = 20:00 hrs		Khulna	1470	1470	0	Barishal	291	291	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 20:00 hrs		Rajshahi	1470	1470	0	Rangpur	291	291	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	8527.40	MW		Cumilla	1087	1087	0				
09.	Generation shortfall at evening peak due to :	:								Total	11610	11610	0
	a) Gas limitation	:	1258	MW	13.	Fuel cost :	(a) Gas =	113821203	Taka	(c) Coal =	28090959	Taka	
	d) Coal supply Limitation	:	97	MW			(b) Oil =	450502876	Taka	Total =	141912162	Taka	
	b) Low water level in Kaptai lake	:	196	MW									
	c) Plants under shut down/ maintenance	:	495	MW	14.	Maximum Temperature in Dhaka was :	35.6° C						
10.	Total Energy (Generation + India Import)	:	257.77	MKWh	15.	Export through East-West interconnections :							
	By Gas = 162.964	MKWh	By Oil =	60.961	MKWh	At evening peak-hour	:	-170	MW, at	20:00 hrs			
	By Coal = 6.404	MKWh	By Hydro =	0.797	MKWh	Maximum	:	-330	MW, at	1:00 hrs			
	By Solar= 0.140	MKWh				Energy	:	1.1335	MKWh				
11.	Total Gas Supplied	:	1431.90	MMCFD									
(D) Forecast of 12.05.19 (Today) Sunday :													
01.	Maximum Demand	:	12600	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	14921	MW (Generation end)	05.	Total Generation	:	259.96	MKWh				
03.	Maximum Shortage	:	-2321	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.4° C					

* Captive Power ** Imported Power
#Remarks: Highest Generation 12482MW on 11-05-2019 at 20:00

(MONIRUZZAMAN)
Deputy Secretary, Generation