



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2019		Day : Monday				Date : 06.05.19						
Probable Maximum Demand :		12000 MW		Probable Maximum Generation :		13983 MW		Rule Curve = 81.50 ft.				
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 75.86 ft		Today = 75.80 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.05.19 (Yesterday)		06.05.19 (Today)		05.05.19 (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	5	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	0	134	134	134		On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	30	180	200	200		On Test	
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190		Gas Shortage
2	Ghorasal CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	330	300	300	300			
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	12	13	12	12			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	40	70	70			
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	17	17	17			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110			
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	320	335	360	360			
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	430	380	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	353	326	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	170	150	0	0	60		Gas Shortage
13	Siddhirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	170	160	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	0	100	100			
16	Meghnaghat CCGP (Summit)	GAS/HSD (IPP)	2x110+1x110	305	305	20	280	335	335			
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	74	32	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	15	15	15	15			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	50	50	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	29	31	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	46	50	51	51			On Test
	Gazipur 100 MW	HFO (RPCL)				0	0	0	0			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	48	48	149	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	42	0	49			
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	0	0	200	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	65	86	149	149			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	100	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	0	100	100			
35	Southern Power	HFO (IPP)	3x19.3	55	55	35	0	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	18	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	53	53	53	53			
Dhaka Zone Total				6034	5798	2436	2901	4235	4584	470	0	
38	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	38	38	37	67	192		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	17	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	47	46	0	0			
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	145	145	145	145			
45	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	229	230	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+3x11.5	51	51	16	24	16	16			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	34	67	90	90			
48	Juldah (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	82	82	80	80			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	14	14	15	15			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			3	21	8	21			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	56	0	108	108			
Chattogram Zone Total				1761	1681	900	977	1054	1077	492	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	34	37	37	37			
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	186	186	221	221			
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	330	300	360	360			
57	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	35	300	360	360			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5			
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	8	65	78	78			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	15	45	45	45			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	10	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	0	0	50			
65	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	0	100	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	70	180	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	22	22	22			
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	23	33	33			
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	32	34	43	43			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	15	21	21			
72	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+1x1.05	200	200	0	0	100	200			
**	Tripara	India		160	160	126	174	150	182			
Cumilla Zone Total				2951	2891	894	1552	1941	2123	398	0	
73	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	148	149	150	150	53		Gas Shortage
74	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	2	85	93	93			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	109	110	115	115			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	80	200	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.5	0	2	0			
Mymensingh Zone Total				645	637	280.5	444	580	578	53	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.05.19 (Yesterday)		06.05.19 (Today)		05.05.19 (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 CCPP-1	Gas (PDB)	2x32+1x33	97	70	56	58	60	60				
80	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	53	50	50				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	21	50	44	44				
83	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	130	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
85	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	41	63	66	66				
86	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	200	202	330	330				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	79	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	42	46	46	46				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	110	107	120	120				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	20	20				
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	39	39	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	24	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	250	290	341	341				
	Bibiana- 3	Gas (PDB)				250	250	150	150			On Test	
Sylhet Zone Total				1594	1549	1248	1491	1622	1622	0	0		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	32	0	32				
96	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Under Maintenance	8.5.19
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	13	34	40	40				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	64	50	80				
99	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	49	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	90	105	105	105				
	Modhumati Power Plant	HFO (NWPGL)				109	108	108	108			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	845	944	956	956				
Khulna Zone Total				2223	2209	1106	1539	1514	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	16	110	110	110				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	15	23	33	33				
107	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	120	128	150	170				
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	86	98	95	95				
Barishal Zone Total				472	462	237	359	388	434	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	100	102	100	100				
110	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	0				
111	Baghabari 200MW (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
112	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	46	46				
113	Ammura	HFO (QRPP)	7x7.79	50	50	0	40	6	40				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	94	94	94				
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	48	48				
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	8	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	27	27	27				
118	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	197	183	202	202				
119	Sirajganj CCPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	200	188	200	200				
120	Sirajganj CCPP-3	Gas (NWPGL)	1x141+1x79	220	220	204	208	208	208				
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	415	340	320	320				
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	16	17	17				
124	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
125	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	52	52	52				
126	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	4	108	108	108				
Rajshahi Zone Total				1948	1938	1215	1459	1771	1805	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	0	0	0	0	85		Coal Shortage	
128	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	149	149	149	149	125		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	13	18	18				
Rangpur Zone Total				564	484	149	162	184	184	210	85		
Sub-total: Plants in operation				18192	17649	8466	10884	13289	13983	1634	495		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8107	10258	12726	13391				
Gross Total				18192	17649	8466	10884	13289	13983	1634	495		
(B) Actual data of 05.05.19 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	10884.00	MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end):							
02.	Max. Demand (Sub-station end)	:	10258.00	MW, at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	10937.00	MW, at = 22:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	5985.80	MW, at = 6:00 hrs	Dhaka	3974	3974	0	Mymensingh	714	714	0	
05.	Day-peak Generation (Generation end)	:	8465.50	MW, at = 12:00 hrs	Chattogram	1186	1186	0	Sylhet	419	419	0	
06.	Evening-peak Generation (Generation end)	:	10884.00	MW, at = 21:00 hrs	Khulna	1257	1257	0	Barishal	258	258	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs	Rajshahi	1257	1257	0	Rangpur	258	258	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	7912.18	MW	Cumilla	935	935	0					
09.	Generation shortfall at evening peak due to :	:			13.	Fuel cost :			Total	10258	10258	0	
	a) Gas limitation	:	1232	MW		(a) Gas = 99086440 Taka			(c) Coal = 14099422 Taka				
	d) Coal supply Limitation	:	210	MW		(b) Oil = 202314223 Taka			Total = 113185862 Taka				
	b) Low water level in Kaptai lake	:	192	MW									
	c) Plants under shut down/ maintenance	:	495	MW	14.	Maximum Temperature in Dhaka was :	33.9° C						
10.	Total Energy (Generation + India Import)	:	204.76	MKWh	15.	Export through East-West interconnections :							
	By Gas = 143.204 MKWh			By Oil = 31.372 MKWh		At evening peak-hour	:	80	MW, at 21:00 hrs				
	By Coal = 3.653 MKWh			By Hydro = 0.790 MKWh		Maximum	:	-120	MW, at 1:00 hrs				
	By Solar = 0.129 MKWh					Energy	:	0.052	MKWh				
11.	Total Gas Supplied	:	1357.04	MMCFD									
(C) Forecast of 06.05.19 (Today) Monday :													
01.	Maximum Demand	:	12000	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	13983	MW (Generation end)	05.	Total Generation	:	224.66	MKWh				
03.	Maximum Shortage	:	-1983	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	39° C						

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation