



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month May, 2019		Day : Saturday				Date : 04.05.19					
Probable Maximum Demand :		7000 MW		Probable Maximum Generation :		14547 MW					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 75.98 ft		Today = 75.87 ft		Rule Curve = 81.43 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.05.19 (Yesterday)		04.05.19 (Today)		03.05.19 (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)	
(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	200	134	250	250		On Test
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	236	200	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 CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	250	300	300		
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	12	105	100	100		
4	Ghorasal 78.5MW (Max)	Gas (ORPP)	2x40	78	78	20	30	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	0	0	0	0		
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110		
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	273	252	360	360		
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	350	400	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	327	340	412	412		
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	210	210	210	Gas Shortage
13	Siddirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	180	110	217	217		
14	Siddirganj (Desh)	HSD (ORPP)	96x1.2	100	100	0	0	0	0		
15	Siddirganj (Dutch Bangla)	HFO (ORPP)	12x8.9	100	100	0	0	100	100		
16	Meghnaghat CCGP (Summit)	GAS/HSD (IPP)	2x110+1x110	305	305	255	290	335	335		
17	Meghnaghat (IEL)	HFO (ORPP)	12x8.9	100	100	0	0	100	100		
18	Madanganj (Summit)	HFO (ORPP)	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 (ORPP)	8x13.45	100	100	0	0	100	100		
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	0	0	102	102		
22	Narshingi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	0	19	19		
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x3.73	80	80	42	47	57	57		
24	Summit Power, Maona	Gas (SIPP, REB)	4x3.73	33	33	33	0	33	33		
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x3.73	33	33	33	33	33	33		
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	39	25	51	51		On Test
	Gazipur 100 MW	HFO (RPCL)				0	0	0	100		
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	16	149	149		
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	42	50	50		
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	0	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	1	0	149	149		
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	100	300		
33	Bramhangonj 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100		
34	Acurahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100		
35	Southern Power	HFO (IPP)	3x19.3	55	55	17	0	55	55		
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	0	55	55		
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	35	51	60	60		
Dhaka Zone Total			6034	5798	2501	2401	4852	5352	580	0	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	0	0	70	70	230	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	8	8	25	25		
41	Teknaf Solarattech 20MW	Solar (IPP)	1x20	20	20	12.9	0	20	0		
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	46	47	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	90	130	130		
45	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	229	217	225	225		
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	16	16	16	16		
47	Julda (Acorn)	HFO (ORPP)	8x13.45	100	100	10	10	90	90		
48	Juldah (Acorn) 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	51	85	85		
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	51	80	80		
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	14	14	20	20		
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			31	32	15	25		
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	52	52	108	108		
Chattogram Zone Total			1761	1681	749.9	788	1130	1120	530	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	33	33	33	33		
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	184	195	221	221		
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	300	270	360	360		
57	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	270	270	360	360		
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	52	53	53		
59	Ashuganj (United)	Gas (ORPP)	14x4.00	53	53	5	5	5	5		
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	78	81	80	80		
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	45	45	45		
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	50	0	100	150		
63	Brahmanbaria (Aggreco)	Gas (ORPP)	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	0	0	0		
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	52	200	200		
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	20	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	5	33	33		
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	25	0	52	52		
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	12	21	21		
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200		
**	Tripura	India		160	160	106	122	141	186		
Cumilla Zone Total			2951	2891	1197	1173	1837	2082	398	0	
73	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	151	100	150	150	102	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	55	8	95	95		
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	111	50	115	115		
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	25	7	200	200		
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.4	0	2	0		
Mymensingh Zone Total			645	637	362.4	187	582	580	102	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.05.19 (Yesterday)		04.05.19 (Today)		03.05.19 (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 CAPP-1	Gas (PDB)	2x32+1x33	97	70	60	53	60	60			
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	58	58	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	47	50	50	50			
83	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	100	163	163			
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	0	11	11			
85	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	30	56	66	66			
86	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	154	154	160	160			
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	77	10	86	86			
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	46	46	46	46			
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	72	78	100	100			
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	20	20			
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	42	42	40	40			
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	0	10	10			
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	0	5	25	25			
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	270	290	341	341			
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test
Sylhet Zone Total				1594	1549	1022	1014	1288	1288	0	0	
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	40			
96	Bheramara 360 MW CAPP	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	0	20	40	40			
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	0	50	80			
99	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0			
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	16	115	115			
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	100	100			
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	16	40	40			
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	17	53	105	105			
	Modhumati Power Plant	HFO (IPP)				75	54	108	108			On Test
**	Bheramara HVDC Interconnector	India		1000	1000	487	490	552	948			
Khulna Zone Total				2223	2209	579	649	1110	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	0	110	110			
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	20	19	33	33			
107	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	177	152	178	178			
108	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	50	27	95	95			
Barishal Zone Total				472	462	247	198	416	442	0	0	
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	60	65	60	60			
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	80	0	100	100			
110	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	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	0	46	46			
113	Ammura	HFO (QRPP)	7x7.79	50	50	6	12	40	40			
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	25	100	100			
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	48	48			
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50			
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	0	35	35			
118	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	156	195	200	200			
119	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	154	196	200	200			
120	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	154	201	0	200			
121	Sirajganj Unit-4 GT (Gas)	Gas (IPP)	1x282	282	282	250	250	350	350			
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	17	22	22	22			
123	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	12	17	17			
124	Ulapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	0	11	11			
125	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	8	51	51			
126	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	54	17	108	108			
Rajshahi Zone Total				1948	1938	956	1003	1688	1888	0	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	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	184	184	219	219	175	85	
Sub-total: Plants in operation				18192	17649	7798	7597	13122	14547	1785	495	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7467	6983	12564	13929			
Gross Total				18192	17649	7798	7597	13122	14547	1785	495	
(B) Actual data of 03.05.19 (Yesterday) Friday :												
01.	Max. Demand (Generation end)	: 7597.00 MW, at = 21:00 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	: 6983.00 MW, at = 21:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	: 11283.00 MW, at = 1:00 hrs	Dhaka	3021	3021	0	Mymensingh	414	414	0		
04.	Minimum Generation (Generation end)	: 7798.30 MW, at = 9:00 hrs	Chattogram	954	954	0	Sylhet	293	293	0		
05.	Day-peak Generation (Generation end)	: 7798.30 MW, at = 9:00 hrs	Khulna	682	682	0	Barishal	60	60	0		
06.	Evening-peak Generation (Generation end)	: 7597.00 MW, at = 21:00 hrs	Rajshahi	682	682	0	Rangpur	60	60	0		
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 21:00 hrs	Cumilla	817	817	0						
08.	Actual Minimum Generation up to 8:00 hrs.	: 3501.00 MW					Total	6983	6983	0		
09.	Generation shortfall at evening peak due to :		13.	Fuel cost :	(a) Gas = 94013229 Taka	(c) Coal = 17387370 Taka						
	a) Gas limitation	: 1380 MW			(b) Oil = 253360148 Taka	Total = 111400599 Taka						
	d) Coal supply Limitation	: 175 MW										
	b) Low water level in Kaptai lake	: 230 MW										
	c) Plants under shut down/ maintenance	: 495 MW										
10.	Total Energy (Generation + India Import)	: 193.54 MKWh	14.	Maximum Temperature in Dhaka was :	33.0° C							
	By Gas = 139.654 MKWh	By Oil = 32.896 MKWh	15.	Export through East-West interconnections :								
	By Coal = 4.505 MKWh	By Hydro = 0.373 MKWh		At evening peak-hour	: -150 MW, at 21:00 hrs							
	By Solar = 0.042 MKWh			Maximum	: -240 MW, at 1:00 hrs							
11.	Total Gas Supplied	: 1045.81 MCMCFD		Energy	: 0.7225 MKWh							
(C) Forecast of 04.05.19 (Today) Saturday :												
01.	Maximum Demand	: 7000 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 14547 MW (Generation end)	05.	Total Generation	: 120.07 MKWh							
03.	Maximum Shortage	: -7547 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	27.9° C							

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation