



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month : May, 2017				Day : Wednesday				Date : 03.05.17						
Probable Maximum Demand : 8700 MW				Probable Maximum Generation : 9276 MW										
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 83.87 ft				Today = 83.65 ft						
				Rule Curve = 81.62 ft										
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated Present Capacity (MW)	02.05.17 (Yesterday)		03.05.17 (Today)		02.05.17 (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 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		40	Under Maintenance	10.05.17	
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	40	40	40	40					
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	110	160	160	160					
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	110	190	190	190					
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under Overhauling	10.05.17	
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128x0.85	100	100	76	99	95	100					
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	41	46	45	45					
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	36	88	80	88					
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	60	78	78					
6	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage		
7	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	20	20	20	20					
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	96	110					
9	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	353	311	300	311					
10	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	400	380	450	450					
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	100	115	110	115					
12	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	400	360	412	412					
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	100	160	80	80					
	Siddhirganj CCGP-335 MW GT	Gas (EGCB)				0	0	0	0			On Test		
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	0	100					
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	50	90	90					
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	30	0	50	50					
17	Meghnaghat CCGP (Summit)	HSD (IPP)	2x110+1x110	305	305	220	230	305	305					
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	45	10	90	90					
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	15	100	100					
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55					
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	30	90	90					
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	8	40	102	102					
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	22	22					
24	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	57	57	57					
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	8	33	33	33					
26	Summit Power, Ruppangaj	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25					
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	34	34	43	43					
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	16	132	149	150					
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	12	42	42					
30	Southern Power	HFO (IPP)	3x19.3	55	55	36	55	55	55					
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	56	55	55					
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	32	104	104			COD 22.02.2017		
Dhaka Zone Total				4644	4443	2370	2917	3623	3767	105	230			
33	Kaptai Hydro:Unit -1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	100	131	152	130					
34	a) Chittagong ST:Unit -1	Gas (PDB)	1 x 210	210	180	0	0	0	0			Gas Shortage		
	b) Chittagong ST:Unit -2	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under Maintenance	05.05.17	
35	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	26	26	0	25					
36	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	45	32	50					
37	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	40					
38	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	30	0	0	0	150		Gas Shortage		
	Sikalbaha 225 MW GT	Gas (PDB)				120	150	150	150			On Test		
39	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	51	50	50	51					
40	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	50	100	90	100					
41	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	85	16	85					
42	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	26	0	50					
43	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	18	22	21	22					
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			3	25	10	25					
44	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	86	100	70	100					
Chittagong Zone Total				1416	1336	500	760	591	828	330	180			
45	a) Ashuganj ST:Unit-2	Gas (APSCL)	1 x 64	64	53	52	0	0	0			53	Under Maintenance	06.05.17
	b) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	132	132	132	135					
	c) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	140	150	150	150					
	d) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	0	0		134	Under Maintenance	05.05.17	
46	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	32	32	32	32					
47	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	0	0	0	0			221	Under Maintenance	08.05.17
48	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	361	320	360	360					
	Ashuganj CCGP(North)	Gas (APSCL)				19	90	91	90			On Test		
49	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	30	49	55	55					
50	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	3	3	53	53					
51	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	18	70	75	70	125		Gas Shortage		
53	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	7	51	40	51					
54	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	21	85	50	85					
55	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50					
56	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	20	90	90	90					
57	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	18	19	18					
58	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
59	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	33	33	33					
60	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	44	52					
61	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	22	21	22					
**	Tripura	India		100	100	106	150	98	160					
Comilla Zone Total				2045	1974	992	1306	1354	1517	125	408			
62	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	192	207	200	202					
63	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	22	22					
64	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	95	95	95				COD on 29.11.16	
Mymensing Zone Total				327	319	200	302	317	319	0	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.05.17 (Yesterday)		03.05.17 (Today)		02.05.17 (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 limitation MW	Machines shut down (MW)		
65	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	80	60	60	60	60				
66	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	46	43	43	43				
67	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	50	44	50				
68	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	39	42	40	42				
69	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8				
70	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	62	66	66	66				
71	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	100	290	200	290				
72	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	40	81	80	84				
73	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	0	26	25	26				
74	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	80	70	55	70				
75	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0				
76	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	30	45	40	45				
77	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	7	10	7				
78	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	8	24	24	24				
79	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	270	342	341	341				
Sylhet Zone Total				1431	1396	799	1154	1036	1156	0	0		
80	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	32	0	32				
	Bheramara 360 MW CCPP	(NWPGL)				250	0	200	0			On Test	
81	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	49	32	49				
82	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	58	36	60				
83	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	150	158	158				
84	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	10	102	90	90				
85	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	33	115	115	115				
86	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	42	0	45				
87	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
**	Bheramara HVDC Interconnector	India		500	500	486	244	497	497				
Khulna Zone Total				1273	1259	779	832	1168	1086	0	0		
88	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	22	0	22				
89	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	96	97	110				
90	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	9	17	12	17				
91	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	92	0	94	90				
Barisal Zone Total				377	367	117	135	203	239	0	0		
92	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	52	0	0	0				
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under Maintenance	10.05.17
93	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	40				
94	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	49	49	50				
95	Amnura	HFO (QRPP)	7x7.79	50	50	12	41	41	41				
	Chapainawabganj-100 MW	HFO (PDB)				0	0	0	0			On Test	
96	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	40	37	40				
97	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
98	Santalar Peaking	HFO (PDB)	6x8.7	50	50	0	37	33	37				
99	Sirajganj CCPP	Gas (NWPGL)	1x150+1x75	210	210	185	0	0	0				
100	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
101	Bogra (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	5	6				
102	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	6	11				
103	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	0	52	52	52				
Rajshahi Zone Total				809	799	276	302	295	349	0	100		
104	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	100	79	0	0	0				
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	100	80	0	0	0				
105	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	14	14	15				
106	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	0				
Rangpur Zone Total				290	240	159	14	14	15	0	0		
Sub-total: Plants in operation						12612	12133	6192	7722	8601	9276	560	918
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss								5769	7195	8014	8643		
(B) Plants under long term maintenance :													
1 (f)	Ghorasal ST:Unit-6	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under repowering process	Uncertain
52	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	95	0	0	0	0		95	Contract Expired	Uncertain
	Bheramara (Quantum)	HSD (RPP)	12x8.5+2x6+2x13	105	105	0	0	0	0		105	Old machines	Uncertain
108	Thakurgaon (RZ)	HSD (RPP)	20x1.5+21x1.1	47	0	0	0	0	0		0		Uncertain
109	Khulna ST 110 MW	HFO (PDB)	1 x 110	110	55	0	0	0	0		55	Old machines	Uncertain
Sub-total: Plants under long term maintenance				567	445	0	0	0	0	0	445		
Gross Total				13179	12578	6192	7722	8601	9276	560	1363		
(D) Actual data of 02.05.17 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	: 7722.00 MW, at = 21:00 hrs				11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 7195.00 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)	: 7722.00 MW, at = 21:00 hrs				Dhaka	3054	3054	0	Mymensingh	584	584	0
04.	Minimum Generation (Generation end)	: 3519.00 MW, at = 5:00 hrs				Chittagong	908	908	0	Sylhet	318	318	0
05.	Day-peak Generation (Generation end)	: 6192.00 MW, at = 11:00 hrs				Khulna	684	684	0	Barisal	114	114	0
06.	Evening-peak Generation (Generation end)	: 7722.00 MW, at = 21:00 hrs				Rajshahi	515	515	0	Rangpur	268	268	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 21:00 hrs				Comilla	750	750	0	Total	7195	7195	0
08.	Generation shortfall at evening peak due to :												
	a) Gas limitation	: 560 MW				12. Fuel cost : (a) Gas = 60395023 Taka				(c) Coal = 6863110 Taka			
	b) Low water level in Kaptai lake	: 0 MW				(b) Oil = 250052734 Taka				Total = 317310867 Taka			
	c) Plants under shut down/ maintenance	: 1363 MW				13. Maximum Temperature in Dhaka was : 33.0° C							
09.	Total Energy (Generation + India Import)	: 133.13 MKWh				14. Export through East-West interconnections :							
	By Gas = 91.36 MKWh	By Oil = 29.30 MKWh				At evening peak-hour		: -220 MW, at 21:00 hrs					
	By Coal = 1.76 MKWh	By Hydro = 2.50 MKWh				Maximum		: 0 MW, at 12:00 hrs					
10.	Total Gas Supplied	: 924.94 MMCFD				Energy		: 7.8675 MKWh					
(E) Forecast of 03.05.17 (Today) Wednesday :													
01.	Maximum Demand	: 8700 MW (Generation end)				04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)					
02.	Maximum Generation	: 9276 MW (Generation end)				05.	Total Generation	: 135.00 MKWh					
03.	Maximum Shortage	: -576 MW (Generation end)				06.	Probable Max. Temperature in Dhaka	: 33.0° C					

* Captive Power ** Imported Power

#Remarks: Highest Generation 9212MW on 18-04-2017

(MONIRUZZAMAN)
Deputy Secretary, Generation