



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month : April, 2017				Day : Thursday				Date : 13.04.17					
Probable Maximum Demand : 9200 MW				Probable Maximum Generation : 9446 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 84.77 ft				Today = 84.40 ft					
				Rule Curve = 85.60 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated Present Capacity (MW)	12.04.17 (Yesterday)		13.04.17 (Today)		12.04.17 (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	15.04.17
	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	0	0	0	0		170	Under Maintenance	14.04.17
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	190	190	190	190				
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under Overhauling	30.04.17
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128x0.85	100	100	95	95	101	100				
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	45	45	46	45				
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	81	82	74	94				
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	70	60	72	72				
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	40	40	40	40				
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	96	97	110	110				
9	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	271	287	310	300	73		Gas Shortage	
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	450	450	450	450				
11	Shidirganj ST	Gas (PDB)	1 x 210	210	150	0	0	0	0		150	Under Maintenance	17.04.17
12	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	380	400	412	412				
13	Shidirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage	
	Sidhirganj CCPP-335 MW GT	Gas (EGCB)				0	0	0	0			On Test	
14	Sidhirganj (Desh)	HSD (QRPP)	96x1.2	100	100	56	100	100	100				
15	Sidhirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	99	99	86	100				
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	21	0	50	50				
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	250	260	305	305				
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	100	100	90	100				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	96	98	96	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55				
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	93	80	93	93				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	84	94	83	94				
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	58	58	58	58				
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
26	Summit Power, Ruppangaj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	42	43	43	43				
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	150	150	149	149				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	42	42	40	42				
30	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55				
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	56	56	56	55				
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	104	104	104	105			COD 22.02.2017	
Dhaka Zone Total				4644	4443	3185	3268	3396	3445	388	550		
33	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	116	118	122	130		50	Unit-2,5 Under Maintenance	30.04.17
34	a) Chittagong ST:Unit-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
	b) Chittagong ST:Unit-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
35	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	26	26	26	25				
36	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	25	31	30	50				
37	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage	
38	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	116	100	120	34		Gas Shortage	
	Sikalbaha 225 MW GT	Gas (PDB)				152	0	0	0			On Test	
39	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	16	33	32	51				
40	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	90	86	90	100				
41	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	45	80	64	85				
42	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	17	52	58	60				
43	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	0	0				
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	24	10	26				
44	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	77	90	97	98				
Chittagong Zone Total				1416	1336	566	656	629	745	434	50		
45	a) Ashuganj ST:Unit-2	Gas (APSCL)	1 x 64	64	53	0	0	0	0		53	Under Maintenance	30.04.17
	b) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	25	130		135	Was Under Maintenance	
	c) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	150	150	150	150				
	d) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	135	135	135	135				
46	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	26	32	32	32				
47	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	0	0	0	0				
48	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	95	225	150	250		130	ST Under Maintenance	29.04.17
	Ashuganj CCPP(North)	Gas (APSCL)				139	240	225	240			On Test	
49	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	0	25	30	25	30		Gas Shortage	
50	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	53	53	53	53				
51	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	171	174	183	175	21		Gas Shortage	
53	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	51	51	51				
54	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	70	86	85	85				
55	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	48	0	40				
56	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	89	88	88	90	75		Gas Shortage	
57	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	16	13	19				
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	25	33	33	33				
60	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	43	43	42	43				
61	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	22	22	22	22				
**	Tripura	India		100	100	98	116	102	100				
Comilla Zone Total				2045	1974	1188	1548	1430	1684	126	318		
62	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	87	97	110	110	105		Gas Shortage	
63	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22				
64	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	90	95	95	95			COD on 29.11.16	
Mymensing Zone Total				327	319	197	214	227	227	105	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.04.17 (Yesterday)		13.04.17 (Today)		12.04.17 (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	Machines shut down		
65	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	80	71	71	70	70				
66	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	91	60	60	60	60				
67	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	52	53	50	51				
68	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	40	42	40	40				
69	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	5	8	8	8				
70	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	40	63	66	62				
71	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	272	333	330	330				
72	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	60	84	82	86				
73	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	0	0	0	0		50	Under Maintenance	25.04.17
74	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	52	69	68	69	73		Gas Shortage	
75	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0	20		Gas Shortage	
76	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	40	43	45	45				
77	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	10	11				
78	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24				
79	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	275	290	341	341				
Sylhet Zone Total				1431	1396	1000	1149	1194	1197	93	50		
80	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	32	0	30				
	Bheramara 360 MW CCPP	(NWPGL)				263	0	0	0			On Test	
81	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	43	36	43				
82	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	66	28	75				
83	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	150	190	230	230				
84	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	86	101	90	99				
85	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	99	115	115	115				
86	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	31	41	40	45				
87	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	32	40	40	40				
**	Bheramara HVDC Interconnector	India		500	500	491	490	496	496				
Khulna Zone Total				1273	1259	1152	1118	1075	1173	0	0		
88	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	8	21	0	30				
89	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	110	110	110	110				
90	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	16	17	9	17				
91	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	15	64	192	194				
Barisal Zone Total				377	367	149	212	311	351	0	0		
92	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0				
93	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	32	32	32				
94	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	50	0	50				
95	Amnura	HFO (QRPP)	7x7.79	50	50	41	41	41	45				
	Chapainawabganj-100 MW	HFO (PDB)				11	0	0	0			On Test	
96	Katakali Peaking	HFO (PDB)	6x8.7	50	50	36	34	42	41				
97	Katakali (Northern)	HFO (QRPP)	6x8.9	50	50	34	34	34	43				
98	Santalar Peaking	HFO (PDB)	6x8.7	50	50	33	34	33	35				
99	Sirajganj CCPP	Gas (NWPGL)	1x150+1x75	210	210	145	160	180	180	50		Gas Shortage	
100	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22				
101	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	7	7	7	7				
102	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
103	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52				
Rajshahi Zone Total				809	799	391	477	454	518	121	0		
104	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	100	68	68	68	71				
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	100	0	0	0	0	100		Under Maintenance	15.04.17
105	Rangpur GT	HSD (PDB)	1 x 20	20	20	12	16	0	17				
106	Syedpur GT	HSD (PDB)	1 x 20	20	20	17	18	0	18				
Rangpur Zone Total				290	240	97	102	68	106	0	100		
Sub-total: Plants in operation						12612	12133	7925	8744	8784	9446	1267	1068
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss								7461	8232	8270	8893		
(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	7925	8744	8784	9446	1267	1513		
(D) Actual data of 12.04.17 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end) : 8744.00 MW, at = 21:00 hrs					11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end) : 8232.00 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) : 8807.00 MW, at = 22:00 hrs												
04.	Minimum Generation (Generation end) : 7053.00 MW, at = 7:00 hrs					Dhaka	3357	3357	0	Mymensingh	504	504	0
05.	Day-peak Generation (Generation end) : 7925.00 MW, at = 12:00 hrs					Chittagong	942	942	0	Sylhet	340	340	0
06.	Evening-peak Generation (Generation end) : 8744.00 MW, at = 21:00 hrs					Khulna	978	978	0	Barisal	170	170	0
07.	Evening Peak Load-shed (Sub-station end) : 0.00 MW, at = 21:00 hrs					Rajshahi	869	869	0	Rangpur	388	388	0
08.	Generation shortfall at evening peak due to :					Comilla	684	684	0	Total	8232	8232	0
	a) Gas limitation : 1267 MW					12. Fuel cost : (a) Gas = 66603009 Taka			(c) Coal = 6484212 Taka				
	b) Low water level in Kaptai lake : 0 MW					(b) Oil = 602633582 Taka			Total = 675720803 Taka				
	c) Plants under shut down/ maintenance : 1513 MW					13. Maximum Temperature in Dhaka was : 35.1° C							
09.	Total Energy (Generation + India Import) : 192.16 MKWh					14. Export through East-West interconnections :							
	By Gas = 115.03 MKWh					At evening peak-hour : -740 MW, at 21:00 hrs							
	By Oil = 58.66 MKWh					Maximum : -430 MW, at 13:00 hrs							
	By Coal = 1.67 MKWh					By Hydro = 2.61 MKWh							
10.	Total Gas Supplied : 975.06 MMCFD					Energy : 7.8675 MKWh							
(E) Forecast of 13.04.17 (Today) Thursday :													
01.	Maximum Demand : 9200 MW (Generation end)					04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation : 9446 MW (Generation end)					05.	Total Generation : 192.00 MKWh						
03.	Maximum Shortage : -246 MW (Generation end)					06.	Probable Max. Temperature in Dhaka : 36° C						

* Captive Power ** Imported Power

#Remarks: Highest Generation 9036MW on 30-06-2016

(MONIRUZZAMAN)
Deputy Secretary, Generation