



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month : March, 2017				Day : Friday				Date : 10.03.17						
Probable Maximum Demand : 7600 MW				Probable Maximum Generation : 9311 MW										
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 92.02 ft				Today = 92.02 ft						
								Rule Curve = 91.72 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated Present Capacity (MW)	09.03.17 (Yesterday)		10.03.17 (Today)		09.03.17 (Yesterday)		10.03.17 (Today)		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	40	40	40						
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	0	0	0	45				Gas Shortage	
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0		170			Under Maintenance	14.03.17
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	190	190	190						
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0			190		Under Overhauling	31.03.17
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128x0.85	100	100	95	101	100	100					
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	30	29	27	45					
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	86	95	92	95					
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	78	78	40	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	20			Gas Shortage	
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110					
9	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	282	276	321	320	84			Gas Shortage	
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	400	390	450	450					
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	0	0	0	0		150		Under Maintenance	16.03.17
12	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	380	410	0	0					
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	40	100	210			Gas Shortage	
	Siddhirganj CCPP-335 MW GT	Gas (EGCB)				0	0	0	0				On Test	
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	15	0	100	100					
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	50	100	90	100					
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	50	50					
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	305	305					
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	34	52	90	100					
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	40	97	100	100					
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	15	55	55					
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	30	93	90	93					
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	40	102	80	102					
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	22	19	22					
24	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	58	57	59					
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33					
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	25	33					
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	34	35	43					
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	65	133	149	149					
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	12	12	42	43					
30	Southern Power	HFO (IPP)	3x19.3	55	55	17	55	55	55					
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	36	55	55					
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	70	0	100				COD 22.02.2017	
Dhaka Zone Total				4644	4443	2122	2574	2660	3145	464	510			
33	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	130	130	80	130		50		Unit-5 Under Maintenance	15.03.17
34	a) Chittagong ST:Unit-1	Gas (PDB)	1 x 210	210	180	0	120	120	120	60			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	26					
36	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	49	49	49	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	70	0	0	0	150			Gas Shortage	
39	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x2+1x1.5	51	51	16	33	32	42					
40	Juida (Acorn)	HFO (QRPP)	8x13.45	100	100	80	95	78	100					
41	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	51	85	16	102					
42	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	68	0	68					
43	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	0	0					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	21	32	25					
44	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	84	98	83	95					
Chittagong Zone Total				1416	1336	508	725	516	758	430	50			
45	a) Ashuganj ST: Unit-2	Gas (APSCL)	1 x 64	64	53	0	0	0	0		53		Under Maintenance	15.03.17
	b) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	132	132	132	132					
	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	228	228	180	221					
48	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	362	361	335	360					
	Ashuganj CCPP(North)	Gas (APSCL)				0	0	0	0				On Test	
49	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	10	10	5	10					
50	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	10	10					
51	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	70	65	65	195					
52	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	7	51	51					
53	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	85	86	85	85					
54	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	50	0	50					
55	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	50	50	50	50					
56	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	19	19	19					
57	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	3	8	8	11					
58	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	32	33	32	33					
59	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52					
60	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	22	22	19	22					
**	Tripura	India		100	100	72	108	52	100					
Comilla Zone Total				2045	1974	1449	1501	1412	1718	0	53			
61	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	102	102	103	102	30	70		Gas Shortage & ST Under Overhauling	20.03.17
62	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	0	0					
63	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	65	95	95	95					
Mymensing Zone Total				327	319	189	219	198	197	30	70			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.03.17 (Yesterday)		10.03.17 (Today)		09.03.17 (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		
64	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	80	60	60	60	60				
65	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	74	74	74	74				
66	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	50	50	50				
67	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	38	40	25	44				
68	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	5	5	8	8				
69	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	50	40	49	66	26		Gas Shortage	
70	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	136	156	179	250				
71	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	50	86	89	86				
72	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	48	49	50	50				
73	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	48	48	50	50	94		Gas Shortage	
74	Sylhet 20MW GT	Gas (PDB)	1x20	20	20	0	0	0	0	20		Gas Shortage	
75	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	44	48	46	48				
76	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10				
77	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	12	16	14	25				
78	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	320	341	341				
Sylhet Zone Total				1431	1396	892	1002	1045	1162	140	0		
79	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
80	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	44	0	45				
81	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	70	0	78				
82	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	120	230	230				
83	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	33	81	110	110				
84	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	78	115	115	115				
85	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	40	55				
86	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
**	Bheramara HVDC Interconnector	India		500	500	505	505	505	511				
Khulna Zone Total				1273	1259	776	975	1040	1214	0	0		
87	Barisal GT-Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
88	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	48	110	110	110				
89	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	10	11	8	11				
90	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	130	134	126	194				
Barisal Zone Total				377	367	188	255	244	345	0	0		
91	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	100		Gas Shortage	
92	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	40	0	48				
93	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	57	0	57				
94	Amnura	HFO (QRPP)	7x7.79	50	50	25	50	48	50				
95	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	46	0	50				
96	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	25	8	50	50				
97	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	36	0	45				
98	Sirajganj CCPP	Gas (NWPGL)	1x150+1x75	210	210	180	180	180	180				
99	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
100	Bogra (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	7	5	6	7				
101	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
102	Rajanka 52 MW	HFO (IPP)	6x8.92	52	52	25	43	45	52				
Rajshahi Zone Total				809	799	295	498	362	572	171	0		
103	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	100	79	78	77	83				
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	100	81	67	77	85				
104	Rangpur GT	HSD (PDB)	1 x 20	20	20	10	10	10	12				
105	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	20				
Rangpur Zone Total				290	240	170	155	164	200	0	0		
Sub-total: Plants in operation				12612	12133	6589	7904	7841	9311	1235	683		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6081	7295	7237	8594				
(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
106	Bheramara (Quantum)	HSD (RPP)	12x8.5+2x6+2x13	105	105	0	0	0	0	105		Old machines	Uncertain
107	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	95	0	0	0	0	95		Contract Expired	Uncertain
108	Thakurgaon (RZ)	HSD (RPP)	20x1.5+21x1.1	47	0	0	0	0	0	23			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	468		
Gross Total				13179	12578	6589	7904	7841	9311	1235	1151		
(D) Actual data of 09.03.17 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	: 7904.00 MW, at = 20:00 hrs				11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 7295.00 MW, at = 20:00 hrs				Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	: 7904.00 MW, at = 20:00 hrs					MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	: 4948.00 MW, at = 5:00 hrs				Dhaka	2734	2734	0	Mymensingh	507	507	0
05.	Day-peak Generation (Generation end)	: 6589.00 MW, at = 12:00 hrs				Chittagong	846	846	0	Sylhet	264	264	0
06.	Evening-peak Generation (Generation end)	: 7904.00 MW, at = 20:00 hrs				Khulna	928	928	0	Barisal	126	126	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 20:00 hrs				Rajshahi	862	862	0	Rangpur	454	454	0
08.	Generation shortfall at evening peak due to :					Comilla	574	574	0	Total	7295	7295	0
	a) Gas limitation	: 1235 MW				12. Fuel cost :		(a) Gas = 58372297	Taka	(c) Coal = 14530868	Taka		
	b) Low water level in Kaptai lake	: 0 MW						(b) Oil = 309991997	Taka	Total = 382895162	Taka		
	c) Plants under shut down/ maintenance	: 1151 MW				13. Maximum Temperature in Dhaka was : 27.8° C							
09.	Total Energy (Generation + India Import)	: 151.15 MKWh				14. Export through East-West interconnections :							
	By Gas = 97.10 MKWh			By Oil = 33.65 MKWh			At evening peak-hour		: -740 MW, at 20:00 hrs				
	By Coal = 3.73 MKWh			By Hydro = 2.71 MKWh			Maximum		: -410 MW, at 17:00 hrs				
10.	Total Gas Supplied	: 893.21 MMCFD				Energy : 7.8675 MKWh							
(E) Forecast of 10.03.17 (Today) Friday :													
01.	Maximum Demand	: 7600 MW (Generation end)				04. Maximum Load-shed				: 0 MW At evening peak (Sub-station end)			
02.	Maximum Generation	: 9311 MW (Generation end)				05. Total Generation				: 151.00 MKWh			
03.	Maximum Shortage	: -1711 MW (Generation end)				06. Probable Max. Temperature in Dhaka				: 27.8° C			

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation