



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month : February, 2017			Day : Monday				Date : 13.02.17					
Probable Maximum Demand : 8000 MW			Probable Maximum Generation : 8562 MW				Rule Curve = 95.46 ft.					
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 96.52 ft		Today = 98.52 ft.							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated Present Capacity (MW)	12.02.17 (Yesterday)		13.02.17 (Today)		12.02.17 (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	38	40	38	40			
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	0	0	0	0	45		Gas Shortage
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	175	175	175	175			
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under Maintenance 14.02.17
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under Overhauling 01.03.17
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128x0.85	100	100	90	97	92	100			
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	40	44	41	45			
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	94	98	96	100			
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	35	80	60	77			
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	83	95	96			
9	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	0	0	0	0		360	Under Maintenance 15.02.17
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	380	420	450	450			
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	115	110	110	110			
12	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	360	420	412	412			
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage
	Siddhirganj CCPP-335 MW GT	Gas (EGCB)				0	0	0	0			On Test
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	96	98	0	0	98	98			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	82	82	100	100			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	40	50	50			
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	57	100	90	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	98	100	82	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	30	48	55			
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	50	93	90	93			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	70	92	92	92			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	22	22	22			
24	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	47	52	55			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
26	Summit Power, Ruppangj	Gas (SIPP, REB)	4x8.73	33	33	30	30	31	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	43	43	43			
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	47	150	149	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	42	40	42			
30	Southern Power	HFO (IPP)	3x19.3	55	55	17	55	55	55			
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	56	56	55			
	CLPCP Keranigonj 108 MW	HFO (IPP)				0	0	0	0			On Test
Dhaka Zone Total			4532	4333	1989	2602	2720	3105	380	730		
32	Kaptai Hydro:Unit -1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	90	96	70	115		50	Unit-5 Under Maintenance 15.03.17
33	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
34	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	9	26	26	26			
35	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	49	48	49	50			
36	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage
37	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150		Gas Shortage
38	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x2+1x1.5	51	51	51	51	42	51			
39	Juida (Acorn)	HFO (QRPP)	8x13.45	100	100	92	94	82	100			
40	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	102	16	102			
41	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	68	0	68			
42	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	15	15	16	16			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	20	2	10			
43	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	51	51	51	51			
Chittagong Zone Total			1416	1336	375	571	354	589	550	50		
44	a) Ashuganj ST: Unit-2	Gas (APSCL)	1 x 64	64	53	0	0	0	0		53	Under Maintenance 14.02.17
	b) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	100	100	100	100	35		Gas Shortage
	c) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	100	110	110	100	19		Gas Shortage
	d) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	115	115	115	115	19		Gas Shortage
	e) Ashuganj : GT-2	Gas (APSCL)	1 x 56	56	40	0	0	0	0			
45	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	32	32	29	32			
46	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	217	217	225	145	135	150			
47	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	379	371	375	305			
	Ashuganj CCPP(North)	Gas (APSCL)				284	277	278	275			On Test
48	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5	50		Gas Shortage
49	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5	48		Gas Shortage
50	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8	187		Gas Shortage
51	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	14	7	51	51			
52	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	86	86	85	85			
53	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	50	0	50			
54	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	88	90	89	90			
55	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	21	22			
56	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	11			
57	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	29	33	28	26			
58	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	43	52	52			
59	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	0	19	22	23			
**	Tripura	India		100	100	86	104	84	100			
Comilla Zone Total			2097	2010	1593	1629	1600	1605	358	53		
60	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	75	73	68	72	59	70	Gas Shortage & ST Under Overhauling 18.02.17
61	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	17	20	22			
62	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	95	50	95			
Mymensing Zone Total			327	319	83	185	138	189	59	70		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.02.17 (Yesterday)		13.02.17 (Today)		12.02.17 (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)		
63	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	80	70	69	70	70				
64	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60				
65	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	44	50	47	50				
66	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	35	35	35	35				
67	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8				
68	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	0	0	0	0	66		Gas Shortage	
69	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	201	245	227	250				
70	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	82	82	79	86				
71	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	48	48	46	50				
72	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	28	28	28	30	114		Gas Shortage	
73	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	20	20		Gas Shortage	
74	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	42	45	44	48				
75	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	8	10	10	10				
76	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	10	23	11	24				
77	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	0	0	0	341		PGCB Line work	16.02.17
Sylhet Zone Total				1431	1396	636	703	665	741	200	341		
78	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	15				
79	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	38	0	45				
80	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	67	0	73				
81	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	180	230	230				
82	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	51	101	99	106				
83	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	99	113	115	115				
84	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	10	40	40				
85	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	40	32	40				
**	Bheramara HVDC Interconnector	India		500	500	485	485	489	494				
Khulna Zone Total				1273	1259	763	1034	1005	1158	0	0		
86	Barisal GT: Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	15				
87	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	64	110	100	110				
88	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	8	11	8	11				
89	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	180	183	195	194				
Barisal Zone Total				377	367	252	304	303	330	0	0		
90	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	70	70	55	71				
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Under Maintenance	28.02.17
91	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	48	0	48				
92	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	57	0	57				
93	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
94	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	40	0	40				
95	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	42	25	43	42				
96	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	37	0	40				
97	Sirajganj CCPP	Gas (NWPGL)	1x150+1x75	210	210	190	227	220	210				
98	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	18	18	18	18				
99	Bogra (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	6	9	9	9				
100	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
101	Rajanka 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52				
Rajshahi Zone Total				809	799	436	644	458	648	0	100		
102	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	100	77	78	79	81				
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	100	84	85	82	85				
103	Rangpur GT	HSD (PDB)	1 x 20	20	20	10	10	10	11				
104	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	20				
Rangpur Zone Total				290	240	171	173	171	197	0	0		
Sub-total: Plants in operation				12552	12059	6298	7845	7414	8562	1624	1154		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5763	7178	6784	7834				

(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
6 (c)	Horipur GT: Unit-3	Gas (PDB)	1 x 32	32	20	0	0	0	0	20		Under Turbine maintenance	Uncertain
105	Bheramara (Quantum)	HSD (RPP)	12x8.5+2x6+2x13	105	105	0	0	0	0	105		Old machines	Uncertain
106	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	95	0	0	0	0	95		Contract Expired	Uncertain
107	Thakurgaon (RZ)	HSD (RPP)	20x1.5+21x1.1	47	23	0	0	0	0	23			Uncertain
108	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				599	488	0	0	0	0	0	488		
Gross Total				13151	12547	6298	7845	7414	8562	1624	1714		

(D) Actual data of 12.02.17 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	: 7845.00 MW, at = 19:30 hrs				11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 7178.00 MW, at = 19:30 hrs				Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	: 7845.00 MW, at = 19:30 hrs					MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	: 4732.00 MW, at = 5:00 hrs				Dhaka	2601	2601	0	Mymensingh	473	473	0
05.	Day-peak Generation (Generation end)	: 6298.00 MW, at = 12:00 hrs				Chittagong	781	781	0	Sylhet	267	267	0
06.	Evening-peak Generation (Generation end)	: 7845.00 MW, at = 19:30 hrs				Khulna	905	905	0	Barisal	148	148	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:30 hrs				Rajshahi	874	874	0	Rangpur	502	502	0
08.	Generation shortfall at evening peak due to :					Comilla	627	627	0	Total	7178	7178	0
	a) Gas limitation	: 1624 MW				12.	Fuel cost :	(a) Gas = 53972191	Taka	(c) Coal = 15038684	Taka		
	b) Low water level in Kaptai lake	: 0 MW						(b) Oil = 342597214	Taka	Total = 411608089	Taka		
	c) Plants under shut down/ maintenance	: 1714 MW				13.	Maximum Temperature in Dhaka was :	30.1° C					
09.	Total Energy (Generation + India Import)	: 148.02 MKWh				14.	Export through East-West interconnections :						
	By Gas = 94.58 MKWh	By Oil = 34.52 MKWh					At evening peak-hour	: -550 MW, at 19:30 hrs					
	By Coal = 3.86 MKWh	By Hydro = 1.93 MKWh					Maximum	: -180 MW, at 17:00 hrs					
10.	Total Gas Supplied	: 857.86 MMCFD					Energy	: 7.8675 MKWh					

(E) Forecast of 13.02.17 (Today) Monday :									
01.	Maximum Demand	: 8000	MW	(Generation end)	04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)
02.	Maximum Generation	: 8562	MW	(Generation end)	05.	Total Generation	: 148.00	MKWh	
03.	Maximum Shortage	: -562	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka	: 30.1° C		

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation