



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month : November, 2016				Day : Wednesday				Date : 09.11.16							
Probable Maximum Demand : 7900 MW				Probable Maximum Generation : 8814 MW											
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 105.99 ft				Today = 105.91 ft				Rule Curve = 108.20 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.11.16 (Yesterday)		09.11.16 (Today)		08.11.16 (Yesterday)		09.11.16 (Today)		Status of Machines under shut-down/ Maintenance	Probable start-up date	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Description/ Remarks				
					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	34	34	34	34						
	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	14.11.16		
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under Maintenance	09.11.16		
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128X0.85	100	100	100	90	94	100						
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	45	47	44	45						
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	66	65	60	60						
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	35	75	40	75						
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	0	27	96	96						
9	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	340	350	316	316						
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	450	430	360	450						
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	115	110	115	110						
12	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	424	420	412	412						
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	45	60	210		Gas Shortage			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	96	98	18	18	98	98						
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	65	75	80	92						
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	0	0						
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	115	115	305	305						
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	24	23	65	100						
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	44	93	81	100						
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	32	55	55						
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	80	80	80						
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	8	62	92	92						
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	0	19						
24	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+1x6.73	80	80	47	47	55	55						
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	33	33						
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	26	35	40	42						
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	65	100	133	140						
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	26	42	42						
30	Southern Power	HFO (IPP)	3x19.3	55	55	0	55	55	55						
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	37	43	55	55						
	CLCPK Keranigonj 108 MW	HFO (IPP)				0	0	0	0				On Test		
Dhaka Zone Total				4322	4143	2254	2617	2998	3234	315	350				
32	Kaptai Hydro:Unit -1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	176	184	175	184		50	Unit-5 Under Maintenance	15.12.16		
33	a) Chittagong ST:Unit -1	Gas (PDB)	1 x 210	210	180	100	100	100	100	80		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	26	0	25	25						
35	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	19	45	46	46						
36	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	40	39	41	40						
37	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	100	80	78	78	70		Gas Shortage			
38	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	43	43	8	25	42	42						
39	Jalda (Acorn)	HFO (QRPP)	8x13.45	100	100	36	80	90	90						
40	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	48	16	85						
41	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	51	0	60						
42	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	20	21	20						
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			1	5	5	20						
43	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	12	81	90	97						
Chittagong Zone Total				1408	1328	555	758	729	887	330	50				
44	a) Ashuganj ST: Unit-2	Gas (APSCL)	1 x 64	64	53	0	0	0	0		53	Under Maintenance	14.11.16		
	b) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	132	0	0	0		135	Under Maintenance	16.11.16		
	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	120	135						
	e) Ashuganj : GT-2	Gas (APSCL)	1 x 56	56	40	10	30	30	30						
45	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	29	29	29	29						
46	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	217	217	225	227	140	217						
47	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0		360	Under Maintenance	15.11.16		
48	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	10	10	10	10						
49	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	10	10	10	10						
50	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	120	121	100	121						
51	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	95	11	12	20	20						
52	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	15	42	41	42						
53	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	41	85	11	85						
54	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	40						
55	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	90	90	90	90						
56	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19						
57	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	8	11						
58	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	29	30	30	30						
59	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	34	43	43						
60	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	20	15	20						
**	Tripura	India		100	100	70	82	70	82						
Comilla Zone Total				2192	2105	1122	1137	936	1184	0	548				
61	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	149	148	149	149	54		Gas Shortage			
62	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22						
	Jamalpur RPP					7	21	0	22				On Test		
Mymensingh Zone Total				232	224	178	191	171	171	54	0				

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.11.16 (Yesterday)		09.11.16 (Today)		08.11.16 (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 CAPP-1	Gas (PDB)	2x32+1x33	97	80	60	60	60	60					
64	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	0	31	31	31					
65	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	48	48	47	22	50					
66	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	28	48	40	48					
67	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	10	10	10	10					
68	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	50	60	40	66					
69	Shajibazar 330 MW CAPP (GT)	Gas (PDB)	2x110	220	220	0	0	0	0	220		Gas Shortage		
70	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	70	79	79					
71	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	20	45	45	45					
72	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	97	117	78	120					
73	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	10	0	10					
74	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	41	43	44	44					
75	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	8	8	0	8					
76	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	0	16	13	16					
77	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	40	265	341	341					
Sylhet Zone Total				1321	1286	412	830	803	928	220	0			
78	Bheramara GT-Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46					
79	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	43	0	43					
80	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	77	0	75					
81	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	85	110	225	230					
82	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	27	97	110	110					
83	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	66	112	115	115					
84	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	32	45	45					
85	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	40	16	40					
**	Bheramara HVDC Interconnector	India		500	500	498	493	491	491					
Khulna Zone Total				1273	1259	684	1004	1002	1195	0	0			
86	Barisal GT-Unit-1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	26					
87	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	48	110	110	110					
88	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	10	14	10	14					
89	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	194	201	202	194					
Barisal Zone Total				377	367	252	325	322	344	0	0			
90	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	50	60	50	60					
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under Maintenance	20.11.16	
91	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	20	0	46					
92	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	57					
93	Amnura	HFO (QRPP)	7x7.79	50	50	12	35	45	50					
94	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	34	0	41					
95	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	43	50	50					
96	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	37	0	37					
97	Sirajganj CAPP	Gas (NWPGL)	1x150+1x75	210	210	195	212	210	210					
98	Bogra (GBB)	Gas (RPP)	6x4.0	20	22	22	22	22	22					
99	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	20	9	9	10	10					
100	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	5	11					
101	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	0	52	52	52					
Rajshahi Zone Total				807	809	293	535	444	646	0	100			
102	a) Barapukuria ST-Unit-1	Coal (PDB)	1 x 125	125	100	88	88	87	87					
	b) Barapukuria ST-Unit- 2	Coal (PDB)	1 x 125	125	100	84	83	86	86					
103	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	16	0	16					
104	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18					
105	Thakurgaon (RZ)	HSD (RPP)	20x1.5+21x1.1	47	40	0	14	18	18					
Rangpur Zone Total				337	280	172	201	191	225	0	0			
Sub-total: Plants in operation				12269	11801	5922	7598	7596	8814	919	1048			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5518	7080	7078	8213					

(B) Plants under long term maintenance :															
1 (e)	Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0			190	Under Overhauling	01.03.17	
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	
37 (f)	Ashuganj ST- Unit-1	Gas (APSL)	1 x 64	64	44	0	0	0	0			44	Generator under maint.	Uncertain	
106	Bheramara (Quantum)	HSD (RPP)	12x8.5+2x6+2x13	105	105	0	0	0	0			105	Old machines	Uncertain	
107	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				731	604	0	0	0	0	0	0	604			
Gross Total				13000	12405	5922	7598	7596	8814	919	1652				

(D) Actual data of 08.11.16 (Yesterday) Tuesday :															
01.	Max. Demand (Generation end)	: 7598.00 MW, at = 18:00 hrs													
02.	Max. Demand (Sub-station end)	: 7080.00 MW, at = 18:00 hrs													
03.	Highest Generation (Generation end)	: 7598.00 MW, at = 18:00 hrs													
04.	Minimum Generation (Generation end)	: 4505.00 MW, at = 4:00 hrs													
05.	Day-peak Generation (Generation end)	: 5922.00 MW, at = 12:00 hrs													
06.	Evening-peak Generation (Generation end)	: 7598.00 MW, at = 18:00 hrs													
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 18:00 hrs													
08.	Generation shortfall at evening peak due to :														
a)	Gas limitation	: 919 MW													
b)	Low water level in Kaptai lake	: 0 MW													
c)	Plants under shut down/ maintenance	: 1652 MW													
09.	Total Energy (Generation + India Import)	: 149.94 MKWh													
	By Gas = 101.35 MKWh	By Oil = 28.54 MKWh													
	By Coal = 4.11 MKWh	By Hydro = 3.88 MKWh													
10.	Total Gas Supplied	: 841.36 MMCFD													
				11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :											
				Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW				
				Dhaka	2747	2747	0	Mymensingh	480	480	0				
				Chittagong	831	831	0	Sylhet	299	299	0				
				Khulna	812	812	0	Barisal	150	150	0				
				Rajshahi	734	734	0	Rangpur	418	418	0				
				Comilla	609	609	0	Total	7080	7080	0				
				12.	Fuel cost :	(a) Gas = 62117273 Taka	(c) Coal = 16015226 Taka								
						(b) Oil = 218981893 Taka	Total = 297114392 Taka								
				13.	Maximum Temperature in Dhaka was :	30.2° C									
				14.	Export through East-West interconnections :										
					At evening peak-hour	: -610 MW, at 18:00 hrs									
					Maximum	: -24 MW, at 17:00 hrs									
					Energy	: 7.8675 MKWh									

(E) Forecast of 09.11.16 (Today) Wednesday :													
01.	Maximum Demand	: 7900 MW (Generation end)		04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)									
02.	Maximum Generation	: 8814 MW (Generation end)		05. Total Generation : 150.00 MKWh									
03.	Maximum Shortage	: -914 MW (Generation end)		06. Probable Max. Temperature in Dhaka : 30.2° C									

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation