



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month : November, 2016				Day : Tuesday				Date : 01.11.16				
Probable Maximum Demand : 8700 MW				Probable Maximum Generation : 8705 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 106.38 ft				Today = 106.14 ft				
								Rule Curve = 109.00 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.10.16 (Yesterday)		01.11.16 (Today)		31.10.16 (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)		
(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	110	110	110	110			
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under Maintenance	07.11.16
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128X0.85	100	100	85	91	97	100			
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	44	41	45	45			
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	94	93	88	93			
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	60	62	64	62			
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	69	50	82			
9	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	340	311	351	360			
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	452	453	450	450			
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	105	110	110	110			
12	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	417	420	412	412			
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage	
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	96	98	55	100	10	98			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	91	84	70	92			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	29	52	51	50			
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	270	285	305	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	81	100	65	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	81	81	81	81			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	80	93	80	93			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	77	92	70	92			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	19	19			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x6.73	80	80	49	49	50	50			
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	32	33	32	33			
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	134	134	121	134			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	41	41	28	41			
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	50	55			
	CLCPC Keraniganj 108 MW	HFO (IPP)				0	0	0	0		On Test	
Dhaka Zone Total				4322	4143	3072	3249	3079	3337	315	180	
32	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	182	184	180	188		50	Unit-5 Under Maintenance 15.12.16
33	a) Chittagong ST:Unit-1	Gas (PDB)	1 x 210	210	180	140	150	150	150	30		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	26	25	25			
35	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	40	47	46	47			
36	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	39	40	40	40			
37	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	110	122	100	122	28		Gas Shortage
38	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	43	43	25	34	34	42			
39	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	78	86	90	90			
40	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	80	16	80			
41	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	60	0	60			
42	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	20	20	20			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			2	10	10	20			
43	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	49	98	60	98			
Chittagong Zone Total				1408	1328	728	957	771	982	238	50	
44	a) Ashuganj ST:Unit-2	Gas (APSCL)	1 x 64	64	53	52	52	52	52			
	b) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	132	132	0	0			
	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			
	e) Ashuganj : GT-2	Gas (APSCL)	1 x 56	56	40	30	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	0	0	0	0	217	Under Maintenance	03.11.16
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	20	40	53	40			
49	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	10	10	30	10			
50	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	100	107	171	107			
51	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	95	19	20	70	20			
52	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	33	32	41	32			
53	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	86	86	86	85			
54	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	40	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	22	22	19	22			
57	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
58	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	23	23	23	23			
59	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	25	43	8	43			
60	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	21	20	21			
**	Tripura	India		100	100	64	100	70	100			
Comilla Zone Total				2192	2105	1049	1173	1088	1040	0	577	
61	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	121	135	115	135	67		Gas Shortage
62	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
Mymensingh Zone Total				232	224	143	157	137	157	67	0	

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.10.16 (Yesterday)		01.11.16 (Today)		31.10.16 (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	30	30	30	30					
64	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	31	31	31	31					
65	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	48	50	28	50					
66	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	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	0	0	60	66	66			Gas Shortage	
69	Shajibazar 330 MW	Gas (PDB)	2x110	220	220	0	100	0	0				COD on 20.08.2016	
70	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	78	79	40	78					
71	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	47	30	47					
72	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	118	120	90	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	42	46	44	46					
75	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	8	8	8	10					
76	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	6	24	13	25					
77	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	270	295	341	341					
Sylhet Zone Total				1321	1286	735	898	765	912	66	0			
78	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	16	0	16					
79	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	42	0	42					
80	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	81	0	81					
81	Khulna CAPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	100	120	225	225					
82	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	10	51	16	110					
83	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	16	115	115	115					
84	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	41	0	45					
85	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	16	8	16					
**	Bheramara HVDC Interconnector	India		500	500	499	499	371	471					
Khulna Zone Total				1273	1259	633	981	735	1121	0	0			
86	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	26	0	26					
87	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	97	110	100	110					
88	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	11	16	9	16					
89	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	129	131	136	131					
Barisal Zone Total				377	367	237	283	245	283	0	0			
90	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	56	58	62	60					
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0			100	Under Maintenance	
91	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	46	0	46					
92	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	57	0	57					
93	Amnura	HFO (QRPP)	7x7.79	50	50	40	50	45	50					
94	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	41	0	41					
95	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	25	50	50	50					
96	Santalar Peaking	HFO (PDB)	6x8.7	50	50	0	36	42	45					
97	Sirajganj CAPP	Gas (NWP/GCL)	1x150+1x75	210	210	195	210	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	8	9	11	10					
100	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	8	11					
101	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	30	52	52	52					
Rajshahi Zone Total				807	809	384	642	502	654	0	100			
102	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	100	82	85	85	85					
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	100	84	83	83	83					
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	18	0	18					
105	Thakurgaon (RZ)	HSD (RPP)	20x1.5+21x1.1	47	40	0	17	18	17					
Rangpur Zone Total				337	280	166	219	186	219	0	0			
Sub-total: Plants in operation				12269	11801	7147	8559	7508	8705	686	907			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							6527	7817	7311	7950				

(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 (AFSCL)	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	7147	8559	7508	8705	686	1511			

(D) Actual data of 31.10.16 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	8559.00	MW, at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	7817.00	MW, at = 19:30 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	8559.00	MW, at = 19:30 hrs		Dhaka	3217	3217	0	Mymensingh	430	430	0
04.	Minimum Generation (Generation end)	:	5766.00	MW, at = 7:00 hrs		Chittagong	911	911	0	Sylhet	343	343	0
05.	Day-peak Generation (Generation end)	:	7147.00	MW, at = 12:00 hrs		Khulna	911	911	0	Barisal	156	156	0
06.	Evening-peak Generation (Generation end)	:	8559.00	MW, at = 19:30 hrs		Rajshahi	802	802	0	Rangpur	342	342	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs		Comilla	705	705	0	Total	7817	7817	0
08.	Generation shortfall at evening peak due to :					12.	Fuel cost :		(a) Gas = 80072179 Taka	(c) Coal = 15390237 Taka			
	a) Gas limitation	:	686	MW			(b) Oil = 362636265 Taka		Total = 458098680 Taka				
	b) Low water level in Kaptai lake	:	0	MW		13.	Maximum Temperature in Dhaka was : 33° C						
	c) Plants under shut down/ maintenance	:	1511	MW		14.	Export through East-West interconnections :						
09.	Total Energy (Generation + India Import)	:	170.78	MKWh			At evening peak-hour		:	-430	MW, at	19:30 hrs	
	By Gas = 107.83	MKWh	By Oil = 41.84	MKWh			Maximum		:	-210	MW, at	17:00 hrs	
	By Coal = 3.95	MKWh	By Hydro = 4.13	MKWh			Energy		:	7.8675	MKWh		
10.	Total Gas Supplied	:	991.79	MMCFD									

(E) Forecast of 01.11.16 (Today) Tuesday :											
01.	Maximum Demand	:	8700	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)
02.	Maximum Generation	:	8705	MW	(Generation end)	05.	Total Generation	:	171.00	MKWh	
03.	Maximum Shortage	:	-5	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka	:	33° C		

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation