



Month : October, 2016				Day : Friday				Date : 21.10.16			
Probable Maximum Demand : 8500 MW				Probable Maximum Generation : 9104 MW				Rule Curve = 107.90 ft.			
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 108.11 ft				Today = 108.10 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.10.16 (Yesterday)		21.10.16 (Today)		20.10.16 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		
					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	22	22	22	22		
	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	120	120	120	120	50	Gas Shortage
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		Under Maintenance
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128x0.85	100	100	88	92	90	90		
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	39	44	45	45		
4	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	88	94	82	92		
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	69	67	58	58		
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	55	80	96	95		
9	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	334	346	346	346	14	Gas Shortage
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	452	430	450	450		
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	110	110	110	110		
12	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	402	413	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	85	100	98	98		
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	80	82	90	92		
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	21	50	50	50		
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	230	230	305	305		
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	82	90	92	90		
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	79	81	80	80		
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	60	93	90	93		
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	92	85	90	94		
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	19	19		
24	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	46	50	49	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	21	33	33	33		
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	33	41	34	42		
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	146	150	133	149		
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	42	43	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	56	56	55	55		
	CLCPC Keranigonj 108 MW	HFO (IPP)				0	0	0	0		On Test
Dhaka Zone Total				4322	4143	3039	3244	3314	3355	379	180
32	Kaptai Hydro:Unit -1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	190	187	180	182		Unit-5 Under Maintenance
33	a) Chittagong ST:Unit -1	Gas (PDB)	1 x 210	210	180	120	140	130	120	40	Gas Shortage
	b) Chittagong ST:Unit -2	Gas (PDB)	1 x 210	210	180	130	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	43	46	52	52		
36	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	41	40	40		
37	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	135	135	150		Gas Shortage
38	Shikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x11.5	43	43	34	42	34	34		
39	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	80	80	90	100		
40	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	68	46	85		
41	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	60	0	60		
42	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	21	21		
*	Malancha, Ctg. EPZ (United)	Gas	5x8.73+3x9.34			0	29	20	20		
43	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	84	96	90	96		
Chittagong Zone Total				1408	1328	742	834	863	970	370	50
44	a) Ashuganj ST: Unit-2	Gas (APSCL)	1 x 64	64	53	0	0	0	0	53	Under Maintenance
	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		
	e) Ashuganj : GT-2	Gas (APSCL)	1 x 56	56	40	15	30	30	30		
45	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	26	29	29	29		
46	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	217	217	149	149	150	150		
47	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	255	265	220	270	95	Gas Shortage
48	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	10	57	55	55		
49	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	10	10	10	10		Gas Shortage
50	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	107	106	107	107	89	Gas Shortage
51	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	95	11	11	11	20	84	Gas Shortage
52	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	38	45	10	10	6	Gas Shortage
53	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	85	86	85	85		
54	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	40	0	40		
55	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	62	90	90	90		
56	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	21	22	22		
57	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11		
58	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	15	22	24	24		
59	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	43	43	42	43		
60	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	21	21	21		
**	Tripura	India		100	100	72	102	79	99		
Comilla Zone Total				2192	2105	1360	1555	1413	1533	317	53
61	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	139	154	158	158	48	Gas Shortage
62	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	22	20		
Mymensing Zone Total				232	224	156	174	180	178	48	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.10.16 (Yesterday)		21.10.16 (Today)		20.10.16 (Yesterday)		Status of Machines under shut-down/ Maintenance	Probable start-up date	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :				
					Day	Evening	Day	Evening	Gas/ water limitation MW	Machines shut down (MW)	Description/ Remarks		
63	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	80	58	60	66	66				
64	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	62	62	62	66				
65	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	48	22	45	45				
66	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	22	48	48	48				
67	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	10	10	10				
68	Shajbazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	0	0	0	0	66	Gas Shortage		
	Shajbazar 330 MW	Gas (PDB)				65	119	115	115		On Test		
69	Shajbazar (Shajbazar)	Gas (RPP)	32x2.90	86	86	75	78	30	80				
70	Shajbazar (Energyprima)	Gas (RPP)	27x2.0	50	50	43	46	50	50				
71	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	98	108	120	120				
72	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0				
73	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	44	46	45	45				
74	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	8	10	10				
75	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	14	16	16	16				
76	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	190	341	341				
Sylhet Zone Total				1101	1066	818	813	958	1012	66	0		
77	Bheramara GT. Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	40	0	30				
78	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	36	0	41				
79	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	67	0	70				
80	Khulna CAPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	160	205	230	230				
81	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	15	110	15	110				
82	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	16	33	16	33				
83	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	42	0	42				
84	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
**	Bheramara HVDC Interconnector	India		500	500	494	494	499	499				
Khulna Zone Total				1273	1259	725	1067	800	1095	0	0		
85	Barisal GT -Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	25	0	26				
86	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	111	110	110	110				
87	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	10	16	10	16				
88	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	119	131	134	134	63	Gas Shortage		
Barisal Zone Total				377	367	240	282	254	286	63	0		
89	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	66	68	68	68				
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Under Maintenance	20.11.16	
90	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	46	0	46				
91	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	57	0	57				
92	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
93	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	43	0	40				
94	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	8	50	50	50				
95	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	42	0	43				
96	Sirajganj CAPP	Gas (NWPGLCL)	1x150+1x75	210	210	0	0	0	0	210	Under Maintenance	20.11.16	
97	Bogra (GBB)	Gas (RPP)	6x4.0	20	22	22	22	22	22				
98	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	20	7	7	10	10				
99	Ulapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
100	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	52	52	52				
Rajshahi Zone Total				807	809	172	448	263	449	0	310		
101	a) Barapukuria ST-Unit -1	Coal (PDB)	1 x 125	125	100	88	89	88	88				
	b) Barapukuria ST-Unit -2	Coal (PDB)	1 x 125	125	100	67	86	86	86				
102	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	15	0	16				
103	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	19				
104	Thakurgaon (RZ)	HSD (RPP)	20x1.5+21x1.1	47	40	0	15	15	17				
Rangpur Zone Total				337	280	155	223	189	226	0	0		
Sub-total: Plants in operation				12049	11581	7407	8640	8234	9104	1243	593		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6905	8055	7676	8488				
(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	
105	Bheramara (Quantum)	HSD (RPP)	12x8.5+2x6+2x13	105	105	0	0	0	0	105	Old machines	Uncertain	
106	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	604		
Gross Total				12780	12185	7407	8640	8234	9104	1243	1197		
(D) Actual data of 20.10.16 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	: 8640.00 MW, at = 21:00 hrs	11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :										
02.	Max. Demand (Sub-station end)	: 8055.00 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)	: 8640.00 MW, at = 21:00 hrs	Dhaka	3197	3197	0	Mymensingh	455	455	0			
04.	Minimum Generation (Generation end)	: 6426.00 MW, at = 7:00 hrs	Chittagong	849	849	0	Sylhet	356	356	0			
05.	Day-peak Generation (Generation end)	: 7407.00 MW, at = 12:00 hrs	Khulna	966	966	0	Barisal	178	178	0			
06.	Evening-peak Generation (Generation end)	: 8640.00 MW, at = 21:00 hrs	Rajshahi	850	850	0	Rangpur	461	461	0			
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 21:00 hrs	Comilla	743	743	0	Total	8055	8055	0			
08.	Generation shortfall at evening peak due to :		a) Gas limitation	: 1243 MW	b) Fuel cost : (a) Gas = 77519750 Taka (b) Oil = 517860220 Taka	c) Coal = 14921504 Taka							
	b) Low water level in Kaplai lake	: 0 MW											
	c) Plants under shut down/ maintenance	: 1197 MW											
09.	Total Energy (Generation + India Import)	: 182.79 MKWh	13.	Maximum Temperature in Dhaka was : 36° C									
	By Gas = 109.70 MKWh	By Oil = 51.16 MKWh	14.	Export through East-West interconnections :									
	By Coal = 3.83 MKWh	By Hydro = 4.19 MKWh	At evening peak-hour : -680 MW, at 21:00 hrs										
10.	Total Gas Supplied	: 973.25 MMCFD	Maximum : -440 MW, at 9:00 hrs										
(E) Forecast of 21.10.16 (Today) Friday :													
01.	Maximum Demand	: 8500 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)									
02.	Maximum Generation	: 9104 MW (Generation end)	05.	Total Generation : 182.79 MKWh									
03.	Maximum Shortage	: -604 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