



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month : December, 2016				Day : Friday				Date : 30.12.16					
Probable Maximum Demand : 7200 MW				Probable Maximum Generation : 8980 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 101.17 ft		Today = 101.13 ft		Rule Curve = 103.20 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.12.16 (Yesterday)		30.12.16 (Today)		29.12.16 (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	0	0	0	0		40	Under Maintenance	05.01.17
	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	100	100	100	100				
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	190	190	190	190				
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128X0.85	100	100	50	75	87	100				
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	45	45	41	45				
4	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	98	104	102	104				
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	82	78	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	0	0	15	0	40		Gas Shortage	
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	13	110	110				
9	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	321	331	320	340				
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	420	460	360	450				
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	0	0	0	0		150	Under Maintenance	07.01.17
12	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	355	442	412	412				
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	40	62	62	60	148		Gas Shortage	
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	96	98	0	0	98	98				
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	40	90	100	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	7	83	100	100				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	100	97	100	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	32	55	55				
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	93	93	93				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	32	102	102	102				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	17	19	19	19				
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x6.73	80	80	55	58	57	57				
25	Summit Power, Maona	Gas (SIPP, REB)	4x6.73	33	33	33	33	33	33				
26	Summit Power, Rugganij	Gas (SIPP, REB)	4x6.73	33	33	33	33	33	33				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	44	43	43	43				
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	16	117	149	149				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	33	39	41	42				
30	Southern Power	HFO (IPP)	3x19.3	55	55	17	55	55	55				
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	54	55	55				
	CLCPC Keraniganj 108 MW	HFO (IPP)				11	0	0	0			On Test	
Dhaka Zone Total				4322	4143	2122	2852	3365	3478	338	190		
32	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	42	42	100	100		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	150	160	160	160	20		Gas Shortage	
34	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	9	26	25	25				
35	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	50	50	50	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	Dual Fuel Conversion	30.01.17
38	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	43	43	47	51	42	43				
39	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	101	101	100	100				
40	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	48	16	100				
41	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	0	70				
42	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	16	17	17				
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			2	2	27	26				
43	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	90	104	104	104				
Chittagong Zone Total				1408	1328	523	600	641	795	240	200		
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	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	0	0	0	0				
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	218	217	217				
47	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	0	115	0	115				
48	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	10	10	55	55				
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	73	73	73	100				
51	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	95	0	0	0	0				
52	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	51	51	51				
53	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	31	86	85	85				
54	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	0				
55	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	90	90	90	90				
56	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	22	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	24	24	24	24				
59	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	52	52	52				
60	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	23	23	23				
**	Tripura	India		100	100	66	100	78	100				
Comilla Zone Total				2192	2105	1122	1382	1289	1453	0	0		
61	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	105	122	135	135	80		Gas Shortage	
62	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22				
63	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	95	95	95			COD on 29.11.16	
Mymensingh Zone Total				327	319	133	237	252	252	80	0		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.12.16 (Yesterday)		30.12.16 (Today)		29.12.16 (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)		
64	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	80	60	60	60	60					
65	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0		90	Under Maintenance	10.01.17	
66	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	3	50	45	51					
67	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	11	37	44	44					
68	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	8	10	10					
69	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	0	0	0	0		66	Gas Shortage		
70	Shajibazar 330 MW CAPP (GT)	Gas (PDB)	2x110	220	220	114	120	100	120					
71	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	20	84	86	86					
72	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	0	0	0	0					
73	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	0	0	0			Under Maintenance	15.01.17	
74	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	20	20	20					
75	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	12	47	45	47					
76	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10					
77	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	13	17	15	16					
78	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	260	341	341					
Sylhet Zone Total				1321	1286	521	713	776	805	66	90			
79	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	17	0	16					
80	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	45	0	50					
81	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	70	0	75					
82	Khulna CAPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	225	230					
83	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	51	110	110	110					
84	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	83	99	115	115					
85	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	45	45					
86	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	32	40	40	40					
**	Bheramara HVDC Interconnector	India		500	500	504	504	509	504					
Khulna Zone Total				1273	1259	670	885	1044	1185	0	0			
87	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	10	0	26					
88	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	64	110	110	110					
89	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	14	13	14	14					
90	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	65	60	67	66					
Barisal Zone Total				377	367	143	193	191	216	0	0			
91	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	69	52	71	71					
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under Maintenance	07.01.17	
92	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	45					
93	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	48					
94	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50					
95	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	44					
96	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	8	50	50	50					
97	Santalar Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	41					
98	Sirajganj CAPP	Gas (NWP/GCL)	1x150+1x75	210	210	195	200	210	210					
99	Bogra (GBB)	Gas (RPP)	6x4.0	20	22	22	22	22	22					
100	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	20	8	7	11	11					
101	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	8	11					
102	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	52	52	52					
Rajshahi Zone Total				807	809	327	444	474	655	0	100			
103	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	100	87	86	87	88					
	b) Barapukuria ST:Unit -2	Coal (PDB)	1 x 125	125	100	0	0	0	0		100	Under Maintenance	07.01.17	
104	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18					
105	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	20	0	20					
106	Thakurgaon (RZ)	HSD (RPP)	20x1.5+21x1.1	47	40	0	15	15	15					
Rangpur Zone Total				337	280	87	121	102	141	0	100			
Sub-total: Plants in operation				12364	11896	5648	7427	8134	8980	724	680			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5161	6786	7432	8205					
(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	
107	Bheramara (Quantum)	HSD (RPP)	12x8.5+2x6+2x13	105	105	0	0	0	0		105	Old machines	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				731	604	0	0	0	0	0	604			
Gross Total				13095	12500	5648	7427	8134	8980	724	1284			
(D) Actual data of 29.12.16 (Yesterday) Thursday :														
01.	Max. Demand (Generation end)	: 7427.00 MW, at = 19:00 hrs				11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	: 6786.00 MW, at = 19:00 hrs				Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	: 7427.00 MW, at = 19:00 hrs				Dhaka	2509	2509	0	Mymensingh	460	460	0	
04.	Minimum Generation (Generation end)	: 4243.00 MW, at = 5:00 hrs				Chittagong	823	823	0	Sylhet	264	264	0	
05.	Day-peak Generation (Generation end)	: 5648.00 MW, at = 9:00 hrs				Khulna	849	849	0	Barisal	150	150	0	
06.	Evening-peak Generation (Generation end)	: 7427.00 MW, at = 19:00 hrs				Rajshahi	711	711	0	Rangpur	439	439	0	
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs				Comilla	581	581	0	Total	6786	6786	0	
08.	Generation shortfall at evening peak due to :													
	a) Gas limitation	: 724 MW												
	b) Low water level in Kaptai lake	: 0 MW												
	c) Plants under shut down/ maintenance	: 1284 MW												
09.	Total Energy (Generation + India Import)	: 133.86 MKWh												
		By Gas = 91.71 MKWh	By Oil = 26.99 MKWh											
		By Coal = 2.09 MKWh	By Hydro = 0.87 MKWh											
10.	Total Gas Supplied	: 823.46 MMCFD												
				12. Fuel cost : (a) Gas = 58309641 Taka (c) Coal = 8124799 Taka (b) Oil = 225172318 Taka Total = 291606757 Taka										
				13. Maximum Temperature in Dhaka was : 25.8° C										
				14. Export through East-West interconnections : At evening peak-hour : -780 MW, at 19:00 hrs Maximum : -156 MW, at 17:00 hrs Energy : 7.8675 MKWh										
(E) Forecast of 30.12.16 (Today) Friday :														
01.	Maximum Demand	: 7200 MW (Generation end)		04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	: 8980 MW (Generation end)		05.	Total Generation	: 134.00 MKWh								
03.	Maximum Shortage	: -1780 MW (Generation end)		06.	Probable Max. Temperature in Dhaka	: 25.8° C								

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation