



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: December, 2017				Day: Thursday				Date: 07.12.17				
Probable Maximum Demand : 8100 MW				Probable Maximum Generation : 9852 MW				Rule Curve = 105.46 ft				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 103.23 ft				Today = 103.13 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated Present Capacity (MW)	06.12.17 (Yesterday)		07.12.17 (Today)		06.12.17 (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	0	0	0	0	40		Gas Shortage
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	35	35	35	35			
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170		Gas Shortage
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	210	210	0	0			
	Ghorasal CAPP:Unit-7	Gas (PDB)				0	0	0	0			On Test
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128X0.85	100	100	12	60	85	92			
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	45	46	45	45			
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	44	55	80	100			
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	80	78	78			
6	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Under Maintenance
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	55	83	84			
9	Horipur Power CAPP	Gas (IPP)	1x235+1x125	360	360	312	301	360	360			
10	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	380	250	450	450			
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	110	110	110	110			
12	Horipur 412MW CAPP	Gas (EGCB)	1x273+1x139	412	412	320	380	412	412			
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	92	87	65	65	123		Gas Shortage
	Siddirganj CAPP-335 MW GT	Gas (EGCB)				0	0	0	0			On Test
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	70	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	24	83	80	83			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	40	0	50	50			
17	Meghnaghat CAPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	84	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	12	31	100	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	55	55	55			
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	85	80	80			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	102	90	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	15	16	16			
24	Summit Power, (Madhabadi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x6.73	80	80	47	55	58	58			
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	29	31	31	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	42	43	43	43			
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	48	98	100	132			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	6	35	42			
	Banco Energy 54MW	HFO (IPP)				0	54	0	0			On Test
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	55	55			
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	93	64	94			COD 22.02.2017
Dhaka Zone Total			4644	4408	1964	2688	2958	3407	513	105		
33	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	125	116	175	175			
34	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
35	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	26	26	25	25			
36	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	33	45	35	45			
37	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage
38	Shikalbaha Peaking GT	HSD (PDB)	1 x 150	150	150	0	0	0	0			
	Sikalbaha 225 MW GT	HSD (PDB)				0	0	40	150			On Test
39	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	51	42	51	51			
40	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	58	88	70	88			
41	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	34	102	17	102			
42	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	85	0	85			
43	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	21	20	20			
*	Malanchar, Ctg. EPZ (United)	Gas	5x8.73+3x9.34			2	5	5	5			
44	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	85	85	90	92			
Chittagong Zone Total			1416	1336	434	615	528	838	400	0		
45	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	148	148	148	148			
	c) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	150	120	150	150			
	d) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	90	100	135			
46	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	42	42	42	43			
47	Ashuganj CAPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	180	180	221	221			
48	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	290	300	360	360			
49	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0	360		Under Maintenance
50	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	10	5	30	55			
51	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	30	53			
52	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*116	195	195	68	68	68	77			
53	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	13	5	6	51			
54	Brahambaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	6	86	85	85			
55	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	42			
56	Chandpur CAPP	Gas (PDB)	1X106+1x57	163	163	30	30	0	60			
57	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	21	21			
58	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11			
59	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	8	33	33	33			
60	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	25	42	43			
61	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	23	23	22	24			
**	Tripura	India		160	160	84	124	96	123			
Comilla Zone Total			2465	2394	1084	1313	1465	1735	0	413		
62	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	143	145	164	164	57		Gas Shortage
63	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
64	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	95	95	95			
65	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.8	0	2	0			COD on 03.08.17
Mymensingh Zone Total			330	322	174.8	262	283	281	57	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.12.17 (Yesterday)		07.12.17 (Today)		06.12.17 (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)			
66	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	69	69	69	70					
67	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	30	44	30	30					
68	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	48	42	48					
69	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	7	47	44	44					
70	Kushiara 163 MW Fenchuganj	Gas (IPP)	1x109	109	109	70	109	109	109					
71	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11					
72	Shajibazar GT-Unit-8.9	Gas (PDB)	2x35	70	66	51	55	67	66					
73	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	110	110					
74	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	20	87	60	86					
75	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	10	47	40	50					
76	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	89	100	90	120					
77	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0		20		Under Overhauling 25.12.17	
78	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	0	10					
79	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	24	20	24					
80	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	260	290	341	341					
Sylhet Zone Total				1490	1445	649	941	1033	1119	0	20			
81	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30					
82	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278	278	278	423	430	440	440					
83	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	37	0	44					
84	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	65	0	66					
85	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	120	180	230					
86	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	5	69	110	110					
87	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	0	100	115	115					
88	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	0	45					
89	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40					
**	Bheramara HVDC Interconnector	India		500	500	470	470	474	474					
Khulna Zone Total				1551	1537	1018	1331	1359	1594	0	0			
90	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30					
91	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	82	110	110					
92	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	26	18	25					
93	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	75	96	91	91					
Barisal Zone Total				377	367	108	204	219	256	0	0			
94	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71			Gas Shortage	
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100			Under Maintenance 31.12.17	
95	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	32	0	32					
96	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	50	0	50					
97	Amnura	HFO (QRPP)	7x7.79	50	50	0	0	50	50					
98	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	0	0	0				COD on 12.08.17	
99	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	40	0	46					
100	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	43	43	43	43					
101	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	45	31	44					
102	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210			Gas Shortage	
	Sirajganj CCPP 2	Gas (NWPGL)				15	20	20	20				On Test	
103	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22					
104	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	15	15	15	15					
105	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	8	11					
106	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	16	52	52	52					
Rajshahi Zone Total				913	903	119	330	241	385	281	100			
107	a) Barapurkuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85			Under Overhauling 10.01.18	
	b) Barapurkuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85			Under Maintenance 10.12.17	
	Barapurkuria ST:Unit - 3	Coal (PDB)				300	240	200	200				On Test	
108	Rangpur GT	HSD (PDB)	1 x 20	20	20	17	16	0	17					
109	Syedpur GT	HSD (PDB)	1 x 20	20	20	20	20	0	20					
Rangpur Zone Total				290	210	337	276	200	237	0	170			
Sub-total: Plants in operation				13476	12922	5888	7960	8286	9852	1251	808			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5517	7459	7764	9232					

(B) List of Contract Expired Power Plants :															
110	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	0	0	0	0	0	0			Contract Expired	Uncertain	
111	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	0	0	0	0	0	0			Contract Expired	Uncertain	
Sub-total: Plants under long term maintenance				145	0	0	0	0	0	0	0	0			
Gross Total				13621	12922	5888	7960	8286	9852	1251	808				

(C) Actual data of 06.12.17 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	: 7960.00 MW, at = 19:00 hrs			11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	: 7459.00 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)	: 7960.00 MW, at = 19:00 hrs			Dhaka	2806	2806	0	Mymensingh	486	486	0	
04.	Minimum Generation (Generation end)	: 4581.00 MW, at = 5:00 hrs			Chittagong	907	907	0	Sylhet	295	295	0	
05.	Day-peak Generation (Generation end)	: 5887.80 MW, at = 12:00 hrs			Khulna	936	936	0	Barisal	165	165	0	
06.	Evening-peak Generation (Generation end)	: 7960.00 MW, at = 19:00 hrs			Rajshahi	775	775	0	Rangpur	480	480	0	
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs			Cornilla	609	609	0	Total	7459	7459	0	
08.	Generation shortfall at evening peak due to :												
	a) Gas limitation	: 1251 MW											
	b) Low water level in Kaptai lake	: 0 MW											
	c) Plants under shut down/ maintenance	: 808 MW											
09.	Total Energy (Generation + India Import)	: 143.65 MKWh											
	By Gas = 102.05 MKWh	By Oil = 21.57 MKWh											
	By Coal = 6.21 MKWh	By Hydro = 2.12 MKWh											
10.	Total Gas Supplied	: 873.33 MMCFD											
11.	Fuel cost :	(a) Gas = 78116232 Taka		(c) Coal = 0 Taka		(b) Oil = 189727162 Taka						Total = 267843394 Taka	
13.	Maximum Temperature in Dhaka was :	27.2° C											
14.	Export through East-West interconnections :												
	At evening peak-hour	: -360 MW, at 19:00 hrs											
	Maximum Energy	: 140 MW, at 10:00 hrs											
	Energy	: 7.8675 MKWh											

(D) Forecast of 07.12.17 (Today) Thursday :													
01.	Maximum Demand	: 8100 MW (Generation end)			04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	: 9852 MW (Generation end)			05. Total Generation : 145.00 MKWh								
03.	Maximum Shortage	: -1752 MW (Generation end)			06. Probable Max. Temperature in Dhaka : 26.8° C								

* Captive Power ** Imported Power

#Remarks: Highest Generation 9507MW on 18-10-2017 at 19:30

(MONIRUZZAMAN)
Deputy Secretary, Generation