



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month : August, 2016				Day : Tuesday				Date : 02.08.16				
Probable Maximum Demand : 8500 MW				Probable Maximum Generation : 8818 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 95.10 ft		Today = 95.40 ft		Rule Curve = 89.32 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.08.16 (Yesterday)		02.08.16 (Today)		01.08.16 (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	40	40	40	40			
	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	170	170	170	170			
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under Maintenance	04.08.16
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Under Maintenance	10.08.16
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128x0.85	100	100	99	100	100	100			
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	45	46	45	46			
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	86	88	95	95			
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	37	37	37	37			
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	40	40	40			
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	13	110	95	110			
9	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	342	330	350	350			
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	0	0	0	0	450	Under Maintenance	30.08.16
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	0	100	100	100			
12	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	414	426	412	412			
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	180	140	115	140			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	96	98	0	100	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	80	89	90	90			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	51	50	50			
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	120	305	200	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	91	89	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	76	81	98	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	42	42	42	42			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	100	100	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	84	92	93	93			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	17	0	19	19			
24	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	55	52	55	55			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25			
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	42	0	42	42			
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	150	150	150	150			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	33	32	39	42			
30	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55			
	Northern 55 MW	HFO (IPP)				0	0	0	0			On Test
	CLCPC Keraniganj 108 MW	HFO (IPP)				0	0	0	0			On Test
Dhaka Zone Total				4477	4278	2469	2963	2930	3081	105	820	
31	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	133	132	133	133		50	Unit-5 Under Maintenance 15.12.16
32	a) Chittagong ST:Unit-1	Gas (PDB)	1 x 210	210	180	120	130	100	130	50	Gas Shortage	
	b) Chittagong ST:Unit-2	Gas (PDB)	1 x 210	210	180	120	150	120	150	30	Gas Shortage	
33	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	18	26	25	25			
34	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	40	50	50	50			
35	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage	
36	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	140	0	140	140	150	Gas Shortage	
37	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.5+1x3+1x1.5	43	43	34	34	34	34			
38	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	90	90	100	100			
39	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	68	16	68			
40	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	68	0	68			
41	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22			
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			3	21	4	21			
42	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	75	84	0	0			
Chittagong Zone Total				1408	1328	808	872	744	941	270	50	
43	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	30	30	30	30			
44	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	23	26	23	26			
45	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0	360	Under Maintenance	04.08.16
46	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	57	57	55	55			
47	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	53	53	53	53			
48	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	180	179	177	177			
49	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	95	97	97	95	95			
50	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	22	21	22	22			
51	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	85	86	85	85			
52	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	40	0	40			
53	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	90	90	90	90			
54	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	19	19	19			
55	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8			
56	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	23	22	23	23			
57	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	52	52	52	52			
58	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	17	21	22	22			
**	Tripura	India		100	100	68	98	73	99			
Comilla Zone Total				1975	1888	1292	1368	1296	1365	0	360	
59	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	172	176	173	176	26	Gas Shortage	
60	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	11	19	20	20			
Mymensingh Zone Total				232	224	183	195	193	196	26	0	

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.08.16 (Yesterday)		02.08.16 (Today)		01.08.16 (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)		
61	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	80	30	63	66	66					
62	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	62	62	62	62					
63	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	41	50	50	50					
64	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	41	42	45	44					
65	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	8	10	10					
66	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	0	0	0	0					
	Shajibazar 330 MW	Gas (PDB)				59	71	115	115			On Test		
67	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	81	84	86	86					
68	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	5	42	42					
69	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	100	115	118	120					
70	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0					
71	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	38	37	45	45					
72	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10					
73	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	14	16	22	22					
74	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	321	350	341	341					
Sylhet Zone Total				1101	1066	810	913	1012	1013	0	0			
75	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	45	0	46					
76	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	42	0	42					
77	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	31	63	0	70					
78	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	238	220	230	230					
79	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	96	104	110	110					
80	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	83	99	99	115					
81	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	39	0	55					
82	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40			Gas Shortage		
**	Bheramara HVDC Interconnector	India		500	500	448	448	455	455					
Khulna Zone Total				1273	1259	936	1100	934	1163	0	0			
83	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	23	0	23					
84	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	80	110	110	110					
85	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	10	15	10	15					
86	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	95	89	96	96	105		Gas Shortage		
Barisal Zone Total				377	367	185	237	216	244	105	0			
87	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0		71	Under Maintenance	03.08.16	
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	80	99	100	100					
88	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	47	0	47					
89	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	57	0	57					
90	Amnura	HFO (QRPP)	7x7.79	50	50	42	42	42	42					
91	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	45	0	45					
92	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	25	50	50	50					
93	Santalar Peaking	HFO (PDB)	6x8.7	50	50	0	43	0	44					
94	Sirajganj CAPP	Gas (NWPGL)	1x150+1x75	210	210	217	222	210	210					
95	Bogra (GBB)	Gas (RPP)	6x4.0	20	22	22	22	22	22					
96	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	20	13	14	14	14					
97	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
98	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	35	52	52	52					
Rajshahi Zone Total				807	809	445	704	501	694	0	71			
99	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	100	0	0	0	0		100	Under Maintenance	06.08.16	
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	100	84	86	85	86					
100	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	15	0	15					
101	Sydepur GT	HSD (PDB)	1 x 20	20	20	0	0	0	0					
102	Thakurgaon (RZ)	HSD (RPP)	20x1.5+21x1.1	47	40	0	19	20	20					
Rangpur Zone Total				337	280	84	120	105	121	0	100			
Sub-total: Plants in operation				11987	11499	7212	8472	7931	8818	506	1401			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6684	7852	7351	7877					
(B) Plants under long term maintenance :														
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 (APSCL)	1 x 64	64	44	0	0	0	0		44	Generator under maint.	Uncertain	
103	Ashuganj CAPP 225 MW	Gas (APSCL)	1x142+1*75	217	217	0	0	0	0		217	Under Maintenance	30.08.16	
104	Bheramara (Quantum)	HSD (RPP)	12x8.5+2x6+2x13	105	105	0	0	0	0		105	Old machines	Uncertain	
105	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				738	631	0	0	0	0	0	631			
Gross Total				12725	12130	7212	8472	7931	8818	506	2032			
(D) Actual data of 01.08.16 (Yesterday) Monday :														
01.	Max. Demand (Generation end)	:	8472.00 MW, at = 20:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	7852.00 MW, at = 20:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW			
03.	Highest Generation (Generation end)	:	8472.00 MW, at = 20:00 hrs	Dhaka	3132	3132	0	Mymensingh	456	456	0			
04.	Minimum Generation (Generation end)	:	6272.00 MW, at = 8:00 hrs	Chittagong	890	890	0	Sylhet	325	325	0			
05.	Day-peak Generation (Generation end)	:	7212.00 MW, at = 12:00 hrs	Khulna	1007	1007	0	Barisal	152	152	0			
06.	Evening-peak Generation (Generation end)	:	8472.00 MW, at = 20:00 hrs	Rajshahi	819	819	0	Rangpur	388	388	0			
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 20:00 hrs	Cornilla	683	683	0	Total	7852	7852	0			
08.	Generation shortfall at evening peak due to :			12.	Fuel cost :	(a) Gas = 79126028 Taka	(c) Coal = 7460754 Taka							
	a) Gas limitation	:	506 MW		(b) Oil = 533571023 Taka	Total = 620157805 Taka								
	b) Low water level in Kaptai lake	:	0 MW											
	c) Plants under shut down/ maintenance	:	2032 MW											
09.	Total Energy (Generation + India Import)	:	180.01 MKWh	13.	Maximum Temperature in Dhaka was : 33.6° C									
	By Gas = 108.61 MKWh	By Oil = 50.08 MKWh		14.	Export through East-West interconnections :									
	By Coal = 1.92 MKWh	By Hydro = 6.66 MKWh			At evening peak-hour	:	-600 MW, at 20:00 hrs							
10.	Total Gas Supplied	:	1052.78 MCFD		Maximum	:	-230 MW, at 16:00 hrs							
					Energy	:	7.8675 MKWh							
(E) Forecast of 02.08.16 (Today) Tuesday :														
01.	Maximum Demand	:	8500 MW (Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	8818 MW (Generation end)	05.	Total Generation	:	180.00 MKWh							
03.	Maximum Shortage	:	-318 MW (Generation end)	06.	Probable Max. Temperature in Dhaka	:	33.6° C							

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation