



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month : April, 2017						Day : Saturday				Date : 15.04.17			
Probable Maximum Demand : 9100 MW						Probable Maximum Generation : 9573 MW							
Water Level of Kaptai Lake at 06:00 AM						Yesterday = 84.10 ft		Today = 83.62 ft		Rule Curve = 85.20 ft.			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	14.04.17 (Yesterday)		15.04.17 (Today)		14.04.17 (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	Under Maintenance	17.04.17
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	38	38	38	38				
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under Maintenance	15.04.17
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	190	190	190	190				
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under Overhauling	30.04.17
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128x0.85	100	100	98	98	85	100				
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	43	44	45	45				
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	85	91	94	90				
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	30	73	72	72				
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	0	0	110	110				
9	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	345	348	356	360				
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	425	420	450	450				
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	0	0	0	0		150	Under Maintenance	15.04.17
12	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	380	395	410	412				
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	97	0	0	113		Gas Shortage	
	Siddhirganj CCPP-335 MW GT	Gas (EGCB)				0	0	0	0			On Test	
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100				
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	50	80	86	92				
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	50	50				
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	240	250	305	305				
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	42	90	100				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	48	64	96	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	30	55	55				
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	34	50	93	93				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	24	102	102	102				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	22	19	22				
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	47	51	57	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	25	30	30	33				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	42	42	34	43				
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	50	63	149	149				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	12	0	42	42				
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	56	55				
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	16	32	104	104			COD 22.02.2017	
Dhaka Zone Total				4644	4443	2371	2836	3446	3498	218	550		
33	Kaptai Hydro:Unit -1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	87	124	123	108				
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	0	0	29	30		50	Was Under Maintenance	
37	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage	
38	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	95	117	101	116	33		Gas Shortage	
	Sikalbaha 225 MW GT	Gas (PDB)				0	0	0	0			On Test	
39	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	33	42	24	41				
40	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	90	100	90	100				
41	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	80	63	85				
42	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	60	51	58				
43	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	0	0		22	Under Maintenance	31.05.17
*	Malanchar, Ctg. EPZ (United)	Gas	5x8.73+3x9.34			40	40	3	37				
44	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	84	97	92	95				
Chittagong Zone Total				1416	1336	471	686	601	695	433	72		
45	a) Ashuganj ST: Unit-2	Gas (APSCL)	1 x 64	64	53	0	0	0	0		53	Under Maintenance	16.04.17
	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	120	135				
46	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	29	26	26	32				
47	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	218	220	200	225				
48	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	345	355	350	360				
	Ashuganj CCPP(North)	Gas (APSCL)				7	70	72	169			On Test	
49	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	10	5	30	10	50		Gas Shortage	
50	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	4	4	4	53				
51	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	100	73	67	67	122		Gas Shortage	
53	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51				
54	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	85	85	85	85				
55	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	24	0	40				
56	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	88	88	88	88	75		Gas Shortage	
57	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	19	19	19				
58	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
59	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	31	33	33	33				
60	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	42	44				
61	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	0	8	22	22				
**	Tripura	India		100	100	102	154	96	157				
Comilla Zone Total				2045	1974	1514	1643	1598	1883	247	53		
62	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	94	148	158	130	54		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	91	95	92	95			COD on 29.11.16	
Mymensing Zone Total				327	319	207	265	272	247	54	0		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	14.04.17 (Yesterday)		15.04.17 (Today)		14.04.17 (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)		
65	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	80	70	71	71	71					
66	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60					
67	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	52	53	53	50					
68	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	40	42	40	40					
69	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8					
70	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	61	62	66	66					
71	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	168	303	329	330					
72	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	84	82	84					
73	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	0	0	0	0		50	Under Maintenance	Uncertain	
74	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	98	68	50	70	74		Gas Shortage		
75	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0	20		Gas Shortage		
76	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	10	43	42	45					
77	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	9	10					
78	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24					
79	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	295	320	341	341					
Sylhet Zone Total				1431	1396	979	1147	1175	1199	94	50			
80	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	32	0	32					
	Bheramara 360 MW CAPP	(NWPGL)				0	0	0	0			On Test		
81	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	38	23	43					
82	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	73	16	70					
83	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	100	135	130	150		72	ST Under Maintenance	17.4.17	
84	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	10	57	110	110					
85	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	83	99	99	99					
86	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	40	45					
87	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40					
**	Bheramara HVDC Interconnector	India		500	500	483	480	482	492					
Khulna Zone Total				1273	1259	716	954	940	1081	0	72			
88	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	21	0	30					
89	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	80	110	110	110					
90	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	10	15	9	17					
91	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	77	130	30	194					
Barisal Zone Total				377	367	167	276	149	351	0	0			
92	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	20.04.17	
93	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	32	0	32					
94	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	47	0	50					
95	Amnura	HFO (QRPP)	7x7.79	50	50	41	33	41	41					
	Chapainawabganj-100 MW	HFO (PDB)				0	0	0	0			On Test		
96	Katakali Peaking	HFO (PDB)	6x8.7	50	50	36	38	38	42					
97	Katakali (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	34	50					
98	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	31	0	32					
99	Sirajganj CAPP	Gas (NWPGL)	1x150+1x75	210	210	185	180	175	180	30		Gas Shortage		
100	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22					
101	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	7	7	7	7					
102	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	11					
103	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52					
Rajshahi Zone Total				809	799	401	500	377	519	101	100			
104	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	100	67	68	69	68					
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	100	0	0	0	0		100	Under Maintenance	16.04.17	
105	Rangpur GT	HSD (PDB)	1 x 20	20	20	8	13	0	16					
106	Syedpur GT	HSD (PDB)	1 x 20	20	20	15	18	16	16					
Rangpur Zone Total				290	240	90	99	85	100	0	100			
Sub-total: Plants in operation				12612	12133	6916	8406	8643	9573	1147	997			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							6467	7860	8082	8951				

(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
52	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	95	0	0	0	0		95	Contract Expired	Uncertain
107	Bheramara (Quantum)	HSD (RPP)	12x8.5+2x6+2x13	105	105	0	0	0	0		105	Old machines	Uncertain
108	Thakurgaon (RZ)	HSD (RPP)	20x1.5+21x1.1	47	0	0	0	0	0		0		Uncertain
109	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				567	445	0	0	0	0	0	445		
Gross Total				13179	12578	6916	8406	8643	9573	1147	1442		

(D) Actual data of 14.04.17 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	8406.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	7860.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8451.00	MW, at = 1:00 hrs			MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	6596.00	MW, at = 8:00 hrs		Dhaka	2891	2891	0	Mymensingh	605	605	0
05.	Day-peak Generation (Generation end)	:	6916.00	MW, at = 12:00 hrs		Chittagong	882	882	0	Sylhet	336	336	0
06.	Evening-peak Generation (Generation end)	:	8406.00	MW, at = 21:00 hrs		Khulna	963	963	0	Barisal	184	184	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Rajshahi	883	883	0	Rangpur	348	348	0
08.	Generation shortfall at evening peak due to :					Comilla	768	768	0	Total	7860	7860	0
	a) Gas limitation	:	1147	MW	12.	Fuel cost :	(a) Gas = 71305756 Taka		(c) Coal = 6210784 Taka				
	b) Low water level in Kaptai lake	:	0	MW			(b) Oil = 422983125 Taka		Total = 500499665 Taka				
	c) Plants under shut down/ maintenance	:	1442	MW	13.	Maximum Temperature in Dhaka was :	34.8° C						
09.	Total Energy (Generation + India Import)	:	180.32	MKWh	14.	Export through East-West interconnections :							
	By Gas = 114.86	MKWH	By Oil = 45.71	MKWh		At evening peak-hour	: -780 MW, at 21:00 hrs						
	By Coal = 1.60	MKWH	By Hydro = 2.69	MKWh		Maximum	: 170 MW, at 24:00						
10.	Total Gas Supplied	:	973.99	MMCFD		Energy	: 7.8675 MKWh						

(E) Forecast of 15.04.17 (Today) Saturday :									
01.	Maximum Demand	:	9100	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)
02.	Maximum Generation	:	9573	MW (Generation end)	05.	Total Generation	:	180.00	MKWh
03.	Maximum Shortage	:	-473	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	34.8° C		

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation