



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month : April, 2017			Day : Wednesday				Date : 05.04.17					
Probable Maximum Demand : 8700 MW			Probable Maximum Generation : 9519 MW				Rule Curve = 87.20 ft.					
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 86.92 ft				Today = 86.56 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.04.17 (Yesterday)		05.04.17 (Today)		04.04.17 (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)		Description/ Remarks
(A) Plants in operation:												
1	a) Ghorasal ST:Unit -1	Gas (PDB)	1 x 55	55	40	0	0	0	0	40	Under Maintenance	05.04.17
	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	110	180	110	175			
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	190	110	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	91	97	96	100			
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	41	45	45	45			
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	72	80	85	85			
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	74	70	70			
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	80	110	110			
9	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	320	306	311	300	54	Gas Shortage	
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	435	360	400	360	90	Gas Shortage	
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	0	0	0	0	150	Under Maintenance	09.04.17
12	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	410	410	412	412			
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	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	34	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	70	95	100	100			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	49	30	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	24	101	90	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	55	80	80	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	40	93	90	93			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	40	93	102	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x6.73	80	80	56	56	58	58			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33			
26	Summit Power, Rupganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	24	26	34	43			
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	65	133	133	133			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	42	40	43			
30	Southern Power	HFO (IPP)	3x19.3	55	55	0	17	55	55			
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	55	55	55			
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	16	104	80	105		COD 22.02.2017	
Dhaka Zone Total				4644	4443	2301	2924	3424	3512	459	380	
33	Kaptai Hydro:Unit -1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	119	113	126	126	50	Unit-2,5 Under Maintenance	30.04.17
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	26	25			
36	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	30	49	42	50			
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	120	0	145	145	150	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	25	42	41	51			
40	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	0	100			
41	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	41	51	16	102			
42	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	60	0	60			
43	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	0	0			
	* Malancha, Ctg. EPZ (United)	Gas	5x8.73+3x9.34			2	20	21	21			
44	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	59	91	91	97			
Chittagong Zone Total				1416	1336	422	452	508	777	550	50	
45	a) Ashuganj ST: Unit-2	Gas (APSCL)	1 x 64	64	53	25	25	25	25			
	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	125	135	135			
46	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	29	29	29	32			
47	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*175	221	221	225	227	225	225			
48	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	361	361	360	360			
	Ashuganj CCPP(North)	Gas (APSCL)				0	0	0	0		On Test	
49	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	0	0	5	10	55	Gas Shortage	
50	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	10	48	Gas Shortage	
51	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*116	195	195	122	109	100	120	86	Gas Shortage	
53	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51			
54	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	72	86	61	85			
55	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50			
56	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	50	88	88	85	75	Gas Shortage	
57	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	14	16	19	19			
58	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	0	11	11			
59	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	33	33	33			
60	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	42	43			
61	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	14	22	22	22			
**	Tripura	India		100	100	54	88	76	100			
Comilla Zone Total				2045	1974	1464	1547	1569	1698	264	0	
62	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	107	111	112	111	91	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		COD on 29.11.16	
Mymensingh Zone Total				327	319	137	228	229	228	91	0	

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.04.17 (Yesterday)		05.04.17 (Today)		04.04.17 (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 CCPP-1	Gas	(PDB)	2x32+1x33	97	80	60	61	60	60				
66	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	60	60	73	73				
67	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	47	53	51	51				
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	0	8	8	8				
70	Shajibazar GT-Unit-8,9	Gas	(PDB)	2x35	70	66	68	56	55	55	10		Gas Shortage	
71	Shajibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	178	148	148	164				
72	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	50	83	50	86				
73	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	0	0	0	0				
74	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	50	100	118	120				
75	Sylhet 20MW GT	Gas	(PDB)	1 x 20	20	20	0	0	0	0				
76	Sylhet (Enegyprima)	Gas	(RPP)	27x2.0	50	50	44	48	45	45				
77	Sylhet (Desh)	Gas	(RPP)	6x1.95	10	10	0	10	0	10				
78	Shahjahanulla 25MW	Gas	(CIPP, REB)	3x9.34	25	25	16	24	21	24				
79	Summit Bibiana- 2	Gas	(IPP)	1x222+1x119	341	341	341	341	341	341				
Sylhet Zone Total					1431	1396	954	1034	1010	1077	10	0		
80	Bheramara GT: Unit-1,2,3	HSD	(PDB)	3 x 20	60	46	0	31	0	30				
	Bheramara 360 MW CCPP		(NWP/GCL)				0	0	0	0			On Test	
81	Faridpur Peaking	HFO	(PDB)	8x6.89	54	54	0	43	0	43				
82	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	0	80	0	75				
83	Khulna CCPP	HSD	(NWP/GCL)	1 x 150+1x75	230	230	135	140	140	230				
84	Khulna (KPCL-I)	HFO	(IPP)	19x6.5	110	110	5	110	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	40				
87	Noapara (Khanjahan Ali)	HFO	(QRPP)	5x8.5	40	40	24	40	40	40				
**	Bheramara HVDC Interconnector		India		500	500	492	492	499	499				
Khulna Zone Total					1273	1259	739	1035	928	1166	0	0		
88	Barisal GT -Unit -1, 2	HSD	(PDB)	2 x 20	40	30	0	10	0	30				
89	Summit Barisal 110 MW	HFO	(IPP)	7 x 17.076	110	110	32	110	110	110				
90	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	9	15	9	13				
91	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	185	183	192	192				
Barisal Zone Total					377	367	226	318	311	345	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				
93	Baghabari Peaking	HFO	(PDB)	6x8.9	52	52	0	32	0	40				
94	Bera Peaking	HFO	(PDB)	9x8.29	71	71	0	50	0	50				
95	Amnura	HFO	(QRPP)	7x7.79	50	50	25	50	50	50				
96	Katakhal Peaking	HFO	(PDB)	6x8.7	50	50	0	39	0	44				
97	Katakhal (Northern)	HFO	(QRPP)	6x8.9	50	50	25	43	43	43				
98	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	0	35	0	36				
99	Sirajganj CCPP	Gas	(NWP/GCL)	1x150+1x75	210	210	180	180	180	180				
100	Bogra (GBB)	Gas	(RPP)	6x4.0	22	22	20	22	22	22				
101	Bogra (Engergyprima)	Gas	(RPP)	5x3.3+5x2.0	20	10	7	7	7	7				
102	Ullapara (Summit)	Gas	(SIPP, REB)	4x2.90	11	11	11	11	11	11				
103	Rajshahi 52 MW	HFO	(IPP)	6x8.92	52	52	25	43	52	52				
Rajshahi Zone Total					809	799	293	512	365	535	71	0		
104	a) Barapukuria ST:Unit -1	Coal	(PDB)	1 x 125	125	100	78	80	81	80				
	b) Barapukuria ST:Unit - 2	Coal	(PDB)	1 x 125	125	100	82	82	78	82				
105	Rangpur GT	HSD	(PDB)	1 x 20	20	20	0	0	0	0				
106	Syedpur GT	HSD	(PDB)	1 x 20	20	20	0	19	19	19				
Rangpur Zone Total					290	240	160	181	178	181	0	0		
Sub-total: Plants in operation					12612	12133	6696	8231	8522	9519	1445	430		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							6265	7701	7973	8906				
(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	6696	8231	8522	9519	1445	875		
(D) Actual data of 04.04.17 (Yesterday) Wednesday :														
01.	Max. Demand (Generation end)	:	8231.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	7701.00	MW, at = 19:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	8231.00	MW, at = 19:30 hrs			MW	MW	MW		MW	MW	MW	
04.	Minimum Generation (Generation end)	:	4767.00	MW, at = 6:00 hrs	Dhaka	3137	3137	0	Myringsingh	514	514	0		
05.	Day-peak Generation (Generation end)	:	6696.00	MW, at = 12:00 hrs	Chittagong	699	699	0	Sylhet	225	225	0		
06.	Evening-peak Generation (Generation end)	:	8231.00	MW, at = 19:00 hrs	Khulna	1049	1049	0	Barisal	170	170	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs	Rajshahi	897	897	0	Rangpur	464	464	0		
08.	Generation shortfall at evening peak due to :				Comilla	546	546	0	Total	7701	7701	0		
	a) Gas limitation	:	1445	MW	12.	Fuel cost :	(a) Gas = 62239138	Taka	(c) Coal = 14921504	Taka				
	b) Low water level in Kaptai lake	:	0	MW		(b) Oil = 313006518	Taka	Total = 390167160	Taka					
	c) Plants under shut down/ maintenance	:	875	MW	13.	Maximum Temperature in Dhaka was :	32.2° C							
09.	Total Energy (Generation + India Import)	:	151.39	MKWh	14.	Export through East-West interconnections :								
	By Gas = 100.22	MKWh	By Oil = 32.21	MKWh		At evening peak-hour	:	-580	MW, at	19:00	hrs			
	By Coal = 3.83	MKWh	By Hydro = 2.67	MKWh		Maximum	:	140	MW, at	22:00	hrs			
10.	Total Gas Supplied	:	930.81	MMCFD		Energy	:	7.8675	MKWh					
(E) Forecast of 05.04.17 (Today) Wednesday :														
01.	Maximum Demand	:	8700	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation	:	9519	MW (Generation end)	05.	Total Generation	:	151.39	MKWh					
03.	Maximum Shortage	:	-819	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	32.8° C						

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation