



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month : April, 2017					Day : Tuesday				Date : 25.04.17				
Probable Maximum Demand : 8200 MW					Probable Maximum Generation : 9373 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 81.79 ft		Today = 82.88 ft.		Rule Curve = 83.20 ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated Present Capacity (MW)	24.04.17 (Yesterday)		25.04.17 (Today)		24.04.17 (Yesterday)		25.04.17 (Today)		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance		
					Day	Evening	Day	Evening	Gas/water limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date	
(A) Plants in operation:													
1	a) Ghorasal ST:Unit -1	Gas (PDB)	1 x 55	55	40	0	0	0	0		40	Under Maintenance	27.04.17
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	37	37	37	37				
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	175	175	175	175				
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	110	120	120	110				
	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	23	93	26	96				
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	17	45	25	45				
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	20	84	50	84				
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	35	77	72	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	10	20	20	20				
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110				
9	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	292	320	360	360				
10	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	350	370	450	450				
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	110	115	110	115				
12	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	310	380	412	412				
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	105	130	145	200				
	Siddhirganj CCGP-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	7	50	86	92				
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	50	50				
17	Meghnaghat CCGP (Summit)	HSD (IPP)	2x110+1x110	305	305	250	260	240	305				
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	32	90	92				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	14	35	93	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55				
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	40	80	93				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	8	24	102	102				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	0	22				
24	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	0	50	48	57				
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	0	16	33	33				
26	Summit Power, Ruppangj	Gas (SIPP, REB)	4x8.73	33	33	22	25	17	25				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	43	43	43				
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	0	50	149	149				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	0	42	42				
30	Southern Power	HFO (IPP)	3x19.3	55	55	0	17	55	55				
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	18	55	55				
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	31	80	104			COD 22.02.2017	
Dhaka Zone Total				4644	4443	1912	2679	3530	3866	105	230		
33	Kaptai Hydro:Unit -1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	72	105	80	100				
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	150	150	150	150	30		Gas Shortage	
35	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	9	25	25				
36	Patenga 50MW (Barakattullah)	HFO (IPP)	8x6.89	50	50	28	33	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	0	0	0	0	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	34	51	55	51				
40	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	52	100	90	100				
41	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	51	16	85				
42	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	43	0	50				
43	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	0	0	22		Under Maintenance	31.05.17
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	27	2	20				
44	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	52	44	97	97				
Chittagong Zone Total				1416	1336	406	613	557	728	400	22		
45	a) Ashuganj ST:Unit-2	Gas (APSCL)	1 x 64	64	53	0	0	0	0		53	Under Maintenance	28.04.17
	b) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	100	100	100	100				
	c) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	100	100	100	100				
	d) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	110	110	110	110				
46	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	24	32	32	32				
47	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	0	0	0	0	221		Under Maintenance	08.05.17
48	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	40	180	180	360				
	Ashuganj CCGP(North)	Gas (APSCL)				0	0	0	0			On Test	
49	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	2	10	5	10	45		Gas Shortage	
50	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	3	3	3	5	50		Gas Shortage	
51	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	72	8	72	123		Gas Shortage	
53	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	7	45	51	51				
54	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	10	85	80	85				
55	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50				
56	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	88	89	89	89	74		Gas Shortage	
57	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	19	16	19				
58	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	11	8	11				
59	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	26	0	25				
60	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
61	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	0	21	15	20				
**	Tripura	India		100	100	48	120	82	147				
Comilla Zone Total				2045	1974	556	1023	931	1338	292	274		
62	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	159	207	110	205				
63	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	0	22				
64	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	8	95	95			COD on 29.11.16	
Mymensing Zone Total				327	319	167	215	205	322	0	0		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.04.17 (Yesterday)		25.04.17 (Today)		24.04.17 (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	Machines shut down (MW)						
65	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	80	60	70	70	70									
66	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	60	44	44	44									
67	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	53	45	47									
68	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	9	43	40	43									
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	67	67	40	66									
71	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	116	174	128	175									
72	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	4	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	0	0	0	0			142	Under Maintenance	26.4.17				
75	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	20	20									
76	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	10	44	41	45									
77	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	9	8	9									
78	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	6	16	13	25									
79	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	275	285	341	341									
Sylhet Zone Total				1431	1396	612	916	880	977	0	192							
80	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	25									
Bheramara 360 MW CAPP		(NWP/GCL)											On Test					
81	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	40	0	42									
82	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	73	0	75									
83	Khulna CAPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	110	110	158	158			72	ST Under Maintenance	30.4.17				
84	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	5	51	110	110									
85	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	0	66	115	115									
86	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	40	45									
87	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40									
**	Bheramara HVDC Interconnector	India		500	500	292	492	495	500									
Khulna Zone Total				1273	1259	407	872	958	1110	0	72							
88	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	25									
89	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	98	42	110									
90	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	9	7	7	17									
91	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	48	94	91	94									
Barisal Zone Total				377	367	73	199	140	246	0	0							
92	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	56	64	60	65			7	Gas Shortage					
b) Baghabari GT		Gas (PDB)			100	100	0	0	0			100	Under Maintenance	28.04.17				
93	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	40	0	40									
94	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	50									
95	Amnura	HFO (QRPP)	7x7.79	50	50	0	41	42	42									
Chapainawabganj-100 MW		HFO (PDB)											On Test					
96	Katakali Peaking	HFO (PDB)	6x8.7	50	50	0	37	0	45									
97	Katakali (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50									
98	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	36	0	36									
99	Sirajganj CAPP	Gas (NWP/GCL)	1x150+1x75	210	210	185	170	175	170									
100	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	4	22	12	22									
101	Bogra (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	7	5	7									
102	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	0	8	3	9									
103	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	0	52	52	52									
Rajshahi Zone Total				809	799	245	527	399	588	7	100							
104	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	100	0	0	0	80			100	Was Under Maintenance					
b) Barapukuria ST:Unit - 2		Coal (PDB)			125	100	81	84	80	84								
105	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	14	0	16									
106	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	18									
Rangpur Zone Total				290	240	81	116	80	198	0	100							
Sub-total: Plants in operation						12612	12133	4459	7160	7680	9373	804	990					
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss								4121	6617	7098	8662							
(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	4459	7160	7680	9373	804	1435							
(D) Actual data of 24.04.17 (Yesterday) Wednesday :																		
01.	Max. Demand (Generation end) : 7160.00 MW, at = 20:00 hrs					11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :												
02.	Max. Demand (Sub-station end) : 6617.00 MW, at = 20:00 hrs					Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed					
03.	Highest Generation (Generation end) : 7160.00 MW, at = 20:00 hrs						MW	MW	MW		MW	MW	MW					
04.	Minimum Generation (Generation end) : 3892.00 MW, at = 6:00 hrs					Dhaka	2477	2477	0	Mymensingh	440	440	0					
05.	Day-peak Generation (Generation end) : 4459.00 MW, at = 10:00 hrs					Chittagong	684	684	0	Sylhet	272	272	0					
06.	Evening-peak Generation (Generation end) : 7160.00 MW, at = 20:00 hrs					Khulna	833	833	0	Barisal	136	136	0					
07.	Evening Peak Load-shed (Sub-station end) : 0.00 MW, at = 20:00 hrs					Rajshahi	762	762	0	Rangpur	408	408	0					
08.	Generation shortfall at evening peak due to :					Cornilla	605	605	0	Total	6617	6617	0					
a) Gas limitation : 804 MW							12. Fuel cost : (a) Gas = 59226073 Taka			(c) Coal = 7695118 Taka								
b) Low water level in Kaptai lake : 0 MW							(b) Oil = 152821602 Taka								Total = 219742794 Taka			
c) Plants under shut down/ maintenance : 1435 MW							13. Maximum Temperature in Dhaka was : 28.8° C											
09.	Total Energy (Generation + India Import) : 120.09 MKWh					14. Export through East-West interconnections :												
	By Gas = 80.88 MKWh		By Oil = 25.20 MKWh			At evening peak-hour : -650 MW, at 20:00 hrs												
	By Coal = 1.98 MKWh		By Hydro = 1.84 MKWh			Maximum : -40 MW, at 7:00 hrs												
10.	Total Gas Supplied : 830.55 MCMCFD					Energy : 7.8675 MKWh												
(E) Forecast of 25.04.17 (Today) Tuesday :																		
01.	Maximum Demand : 8200 MW (Generation end)					04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)												
02.	Maximum Generation : 9373 MW (Generation end)					05. Total Generation : 120.00 MKWh												
03.	Maximum Shortage : -1173 MW (Generation end)					06. Probable Max. Temperature in Dhaka : 28.8° C												

* Captive Power ** Imported Power

#Remarks: Highest Generation 9212MW on 18-04-2017

(MONIRUZZAMAN)
Deputy Secretary, Generation