



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month : July, 2017		Day : Saturday				Date : 01.07.17							
Probable Maximum Demand :		8200 MW		Probable Maximum Generation :		9878 MW							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 102.83 ft		Today = 102.76 ft.		Rule Curve = 84.00 ft.							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated Present Capacity (MW)	30.06.17 (Yesterday)		01.07.17 (Today)		30.06.17 (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	06.07.17
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	33	33	33	33				
	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	120	120	120	120				
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under Overhauling	05.07.17
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128x0.85	100	100	10	75	100	100				
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	16	41	45	45				
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	25	72	95	95				
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	68	40	70				
6	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0				
7	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	0	0				
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110				
9	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	261	321	300	300				
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	340	420	450	450				
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	0	0	0	0		110	Under Maintenance	03.07.17
12	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	300	370	412	412				
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	100	120	100	100	90		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	7	15	90	90				
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	48	50				
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	305	305				
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	7	91	91				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	15	55	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55				
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	20	93	93				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	8	8	93	93				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	21	21	20				
24	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	28	35	42	55				
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	25	33	33				
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	0	12	20	33				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	8	25	43	43				
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	16	45	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	17	55	55	55				
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	54	55	55				
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	24	93	93			COD 22.02.2017	
Dhaka Zone Total				4644	4443	1592	2231	3463	3565	90	340		
33	Kaptai Hydro:Unit -1,2,3,4	Hydro (PDB)	2x40, 3x50	180	180	178	179	178	165				
34	a) Chittagong ST:Unit -1	Gas (PDB)	1 x 210	210	180	0	0	0	0				
	b) Chittagong ST:Unit -2	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under Maintenance	02.07.17
35	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	0	25	25				
36	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	39	42	42				
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			On Test	
	Sikalbaha 225 MW GT	Gas (PDB)				40	100	100	150				
39	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	0	42	8	51				
40	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	80	88	85	85				
41	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	15	49	15	70				
42	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	51	0	60				
43	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	22	21	20				
*	Malancha, Ctg,EPZ (Unired)	Gas	5x8.73+3x9.34			32	42	40	40				
44	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	12	72	105	105				
Chittagong Zone Total				1366	1286	384	684	619	813	40	180		
45	a) Ashuganj ST: Unit-2	Gas (APSCL)	1 x 64	64	53	0	0	0	0		53	Under Maintenance	05.07.17
	b) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0		135	Under Maintenance	04.07.17
	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	100	100	100	100				
46	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	33	33	30	33				
47	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	201	181	181	221				
48	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	150	190	180	200				
	Ashuganj CCPP(North)	Gas (APSCL)				150	260	200	200			On Test	
49	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	5	10				
50	Ashuganj (Unired)	Gas (QRPP)	14x4.00	53	53	5	5	5	5				
51	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	10				
53	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	5	5	5				
54	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	6	6	5	52				
55	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50				
56	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	89	50	90	90				
57	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19				
58	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8				
59	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	8	33	8	30				
60	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	16	52	52				
61	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	22	22	22	22				
**	Tripura	India		100	100	56	112	119	158				
Comilla Zone Total				2045	1974	965	1153	1137	1365	0	188		
62	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	147	206	181	180				
63	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22				
64	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	48	95	95			COD on 29.11.16	
Mymensing Zone Total				327	319	155	276	298	297	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.06.17 (Yesterday)		01.07.17 (Today)		30.06.17 (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	30	60	60	60					
66	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	44	44	44	60					
67	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	31	45	45					
68	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	30	44	44					
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	62	66	66	66					
71	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	158	135	207	275					
72	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	5	86	86					
73	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	30	50	45					
74	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	68	48	50	70	94		Gas Shortage		
75	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	0	20					
76	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	7	32	45	45					
77	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	7	7	7					
78	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	8	24	24	25					
79	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	300	310	341	341					
Sylhet Zone Total				1431	1396	705	849	1077	1197	94	0			
80	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	45					
Bheramara 360 MW CCPP (NWPGL)						200	260	287	260					
81	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	42	30	42					
82	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	54	43	75					
83	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	120	215	215					
84	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	21	99	104	110					
85	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	16	115	115	115					
86	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	11	11	45	45					
87	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40					
**	Bheramara HVDC Interconnector	India		500	500	493	495	500	500					
Khulna Zone Total				1273	1259	901	1236	1379	1447	0	0			
88	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30					
89	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	98	110	110	110					
90	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	12	16	11	16					
91	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	193	197	195	194					
Barisal Zone Total				377	367	303	323	316	350	0	0			
92	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	60	60	60	65					
93	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	32	0	33					
94	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	28	0	50					
95	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50					
Chapainawabganj-100 MW						8	8	30	55			On Test		
96	Katakali Peaking	HFO (PDB)	6x8.7	50	50	0	40	0	40					
97	Katakali (Northern)	HFO (QRPP)	6x8.9	50	50	22	50	48	50					
98	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	33	0	35					
99	Sirajganj CCPP	Gas (NWPGL)	1x150+1x75	210	210	190	190	200	210					
100	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22					
101	Bogra (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	4	4	4	4					
102	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	0	9	11	11					
103	Rajanka 52 MW	HFO (IPP)	6x8.92	52	52	25	25	52	50					
Rajshahi Zone Total				709	699	343	551	477	675	0	0			
104	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	100	78	78	81	81					
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	100	70	71	72	72					
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	0	0	16					
Rangpur Zone Total				290	240	148	149	153	169	0	0			
Sub-total: Plants in operation				12462	11983	5496	7452	8919	9878	224	708			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5080	6888	8244	9130					
(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	
92(b)	Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Under Maintenance	30.06.17	
33(a)	Kaptai Hydro:Unit-5	Hydro (PDB)	2x40, 3x50	50	50	0	0	0	0	50		Under Maintenance	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				717	595	0	0	0	0	0	595			
Gross Total				13179	12578	5496	7452	8919	9878	224	1303			
(D) Actual data of 30.06.17 (Yesterday) Monday :														
01.	Max. Demand (Generation end)	: 7452.00 MW, at = 21:00 hrs				Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	: 6888.00 MW, at = 21:00 hrs				Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	: 7533.00 MW, at = 22:00 hrs				Dhaka	2446	2446	0	Mymensingh	568	568	0	
04.	Minimum Generation (Generation end)	: 5268.00 MW, at = 7:00 hrs				Chittagong	733	733	0	Sylhet	313	313	0	
05.	Day-peak Generation (Generation end)	: 5496.00 MW, at = 12:00 hrs				Khulna	955	955	0	Barisal	167	167	0	
06.	Evening-peak Generation (Generation end)	: 7452.00 MW, at = 21:00 hrs				Rajshahi	657	657	0	Rangpur	449	449	0	
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 21:00 hrs				Cornilla	600	600	0	Total	6888	6888	0	
08.	Generation shortfall at evening peak due to :													
	a) Gas limitation	: 224 MW				12.	Fuel cost :	(a) Gas = 58499368	Taka	(c) Coal = 13827778	Taka			
	b) Low water level in Kaptai lake	: 0 MW						(b) Oil = 261936972	Taka	Total = 334264118	Taka			
	c) Plants under shut down/ maintenance	: 1303 MW				13.	Maximum Temperature in Dhaka was :	32.6° C						
09.	Total Energy (Generation + India Import)	: 155.45 MKWh												
	By Gas = 103.94 MKWh					14.	Export through East-West interconnections :							
	By Coal = 3.55 MKWh						At evening peak-hour	: -300 MW, at 21:00 hrs						
							Maximum	: -40 MW, at 18:30 hrs						
10.	Total Gas Supplied	: 940.70 MMCFD					Energy	: 7.8675 MKWh						
(E) Forecast of 01.07.17 (Today) Saturday :														
01.	Maximum Demand	: 8200 MW (Generation end)				04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	: 9878 MW (Generation end)				05.	Total Generation	: 155.45 MKWh						
03.	Maximum Shortage	: -1678 MW (Generation end)				06.	Probable Max. Temperature in Dhaka	: 33.7° C						

* Captive Power ** Imported Power

#Remarks: Highest Generation 9479MW on 07-06-2017 at 21:00

(MONIRUZZAMAN)
Deputy Secretary, Generation