



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: November, 2017			Day: Tuesday			Date: 07.11.17						
Probable Maximum Demand : 9100 MW			Probable Maximum Generation : 10093 MW			Rule Curve = 108.40 ft						
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 108.56 ft			Today = 108.37 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated Present Capacity (MW)	06.11.17 (Yesterday)		07.11.17 (Today)		06.11.17 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/ water limitation (MW)		Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening	MW	(MW)		
(A) Plants in operation:												
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	35	35	35	35			
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	0	0	0	0	45		Gas Shortage
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	100	100	170	170			
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	120	120	120	120			
	Ghorasal CAPP:Unit-7	Gas (PDB)				110	140	0	0			On Test
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128X0.85	100	100	11	10	11	12			
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58X0.85	45	45	21	21	44	45			
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	14	14	80	80			
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	0	0	78		Under Maintenance 15.11.17
6	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Under Maintenance 31.12.17
7	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	0	0	40		Gas Shortage
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	13	97	90	98			
9	Horipur Power CAPP	Gas (IPP)	1x235+1x125	360	360	251	232	350	360	128		Gas Shortage
10	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	400	450	450	450			
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage
12	Horipur 412MW CAPP	Gas (EGCB)	1x273+1x139	412	412	390	410	412	412			
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	45	44	73	60	166		Gas Shortage
	Siddirganj CAPP-335 MW GT	Gas (EGCB)				0	0	0	0			On Test
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	60	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	82	82	83	85			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	0	0			
17	Meghnaghat CAPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	305	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	84	92	92	93			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	70	88	95	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55			
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	90	91	90	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	60	92	92	92			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22			
24	Summit Power, (Madhabadi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x6.73	80	80	57	57	58	50			
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	25	25	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	40	42	43	43			
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	149	149	149	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	24	24	35	35			
30	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55			
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	56	55	55			
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	50	73	90	90			COD 22.02.2017
Dhaka Zone Total			4644	4408	2458	2766	3312	3337	674	183		
33	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	168	172	175	175			
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	44	45	44	44			
37	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage
38	Shikalbaha Peaking GT	HSD (PDB)	1 x 150	150	150	0	0	0	0	150		Under Maintenance 10.11.17
	Sikalbaha 225 MW GT	HSD (PDB)				224	190	233	240			On Test
39	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	37	51	51	51			
40	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	78	86	80	86			
41	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	17	102	17	102			
42	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	77	0	68			
43	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	20	21	21			
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			2	6	5	15			
44	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	82	82	90	96			
Chittagong Zone Total			1416	1336	697	857	742	923	400	150		
45	a) Ashuganj ST: Unit-2	Gas (APSCL)	1 x 64	64	53	50	50	50	50			
	b) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	110	110	140	140			
	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	110	110	135	135			
46	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	43	43	43			
47	Ashuganj CAPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	0	0	0	0	221		Under Maintenance 20.11.17
48	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	340	361	360	360			
49	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	280	360	360	360			
50	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	30	10	48	55			
51	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5			
52	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	78	78	78	78			
53	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	6	6	6	6			
54	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	41	86	85	85			
55	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	24	0	40			
56	Chandpur CAPP	Gas (PDB)	1X106+1x57	163	163	90	90	90	90	73		Gas Shortage
57	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	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	8	33	33	33			
60	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	25	43	43			
61	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	16	16	22			
**	Tripura India			160	160	98	124	106	125			
Comilla Zone Total			2465	2394	1459	1711	1778	1850	73	221		
62	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	88	105	108	108	97		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			
65	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0			COD on 03.08.17
Mymensingh Zone Total			330	322	120.1	222	227	225	97	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.11.17 (Yesterday)		07.11.17 (Today)		06.11.17 (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)		
66	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	70	70	70	70				
67	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	61	61	61	61				
68	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	7	50	50	50				
69	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	41	47	44	48				
70	Kushiera 163 MW Fenchuganj	Gas (IPP)	1x109	109	109	109	109	109	109			COD on 25.07.17	
71	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
72	Shajibazar GT-Unit-8.9	Gas (PDB)	2x35	70	66	51	40	66	66				
73	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	186	256	275	275				
74	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	40	86	86	86				
75	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	50	48	50				
76	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	88	80	128	128	62		Gas Shortage	
77	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	18	20	20				
78	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	10	10				
79	Shahajnulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24				
80	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	230	250	341	341				
Sylhet Zone Total				1490	1445	971	1161	1343	1349	62	0		
81	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	30	0	46				
82	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278	278	278	15	25	100	100	253		Gas Shortage	
83	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	43	0	43				
84	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	72	0	75				
85	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	220	230	230				
86	Khulna (KPL-1)	HFO (IPP)	19x6.5	110	110	46	94	110	110				
87	Khulna (KPL-11)	HFO (QRPP)	7x17	115	115	83	115	115	115				
88	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	31	40	45				
89	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	32	40				
**	Bheramara HVDC Interconnector	India		500	500	500	500	498	504				
Khulna Zone Total				1551	1537	804	1170	1125	1308	253	0		
90	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	10	0	30				
91	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	96	112	110	110				
92	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	18	26	17	30				
93	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	100	174	194	194				
Barisal Zone Total				377	367	214	322	321	364	0	0		
94	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	30.11.17
95	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	24	0	40				
96	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	48	0	50				
97	Amnura	HFO (QRPP)	7x7.79	50	50	12	40	40	40				
98	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	102	100	100			COD on 12.08.17	
99	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	35	0	43				
100	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	43	43	40	43				
101	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	34	0	40				
102	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	170	170	170	170	40		Gas Shortage	
	Sirajganj CCPP 2	Gas (NWPGL)				0	0	0	0			On Test	
103	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
104	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	11	15	15				
105	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	5	11				
106	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	43	35	52	52				
Rajshahi Zone Total				913	903	306	575	444	626	111	100		
107	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Under Overhauling	10.01.18
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	72	73	77	77				
108	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	15	0	15				
109	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	19	0	19				
Rangpur Zone Total				290	210	72	107	77	111	0	85		
Sub-total: Plants in operation				13476	12922	7101	8891	9369	10093	1670	739		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6667	8347	8796	9475				
(B) List of Contract Expired Power Plants :													
110	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	0	0	0	0	0	0		Contract Expired	Uncertain
111	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	0	0	0	0	0	0		Contract Expired	Uncertain
Sub-total: Plants under long term maintenance				145	0	0	0	0	0	0	0		
Gross Total				13621	12922	7101	8891	9369	10093	1670	739		
(C) Actual data of 06.11.17 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	8891.00 MW, at = 19:00 hrs	11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	8347.00 MW, at = 19:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	:	8891.00 MW, at = 19:00 hrs	Dhaka	3459	3459	0	Mymensingh	539	539	0		
04.	Minimum Generation (Generation end)	:	5696.00 MW, at = 5:00 hrs	Chittagong	912	912	0	Sylhet	314	314	0		
05.	Day-peak Generation (Generation end)	:	7101.10 MW, at = 12:00 hrs	Khulna	976	976	0	Barisal	181	181	0		
06.	Evening-peak Generation (Generation end)	:	8891.00 MW, at = 19:00 hrs	Rajshahi	804	804	0	Rangpur	417	417	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:00 hrs	Comilla	745	745	0	Total	8347	8347	0		
08.	Generation shortfall at evening peak due to :												
a)	Gas limitation	:	1670 MW	12.	Fuel cost :	(a) Gas = 64746038 Taka	(c) Coal = 8957456 Taka						
b)	Low water level in Kaptai lake	:	0 MW		(b) Oil = 198713963 Taka	Total = 272417457 Taka							
c)	Plants under shut down/ maintenance	:	739 MW	13.	Maximum Temperature in Dhaka was :	33° C							
09.	Total Energy (Generation + India Import)	:	169.87 MKWh	14.	Export through East-West interconnections :								
	By Gas = 119.67 MKWh		By Oil = 31.67 MKWh		At evening peak-hour	:	-500 MW, at 19:00 hrs						
	By Coal = 1.76 MKWh		By Hydro = 3.99 MKWh		Maximum	:	-200 MW, at 16:00 hrs						
10.	Total Gas Supplied	:	994.09 MMCFD		Energy	:	7.8675 MKWh						
(D) Forecast of 07.11.17 (Today) Tuesday :													
01.	Maximum Demand	:	9100 MW (Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	10093 MW (Generation end)	05.	Total Generation	:	170.00 MKWh						
03.	Maximum Shortage	:	-993 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	30.5° C							

* Captive Power ** Imported Power

#Remarks: Highest Generation 9507MW on 18-10-2017 at 19:30

(MONIRUZZAMAN)
Deputy Secretary, Generation