



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: November, 2017				Day: Monday				Date: 27.11.17			
Probable Maximum Demand : 8300 MW				Probable Maximum Generation : 9460 MW				Rule Curve = 106.40 ft			
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 105.07 ft				Today = 104.86 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated Present Capacity (MW)	26.11.17 (Yesterday)		27.11.17 (Today)		26.11.17 (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)	
(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	35	35	35	35		
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Gas Shortage
	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	170	210	210	210		
	Ghorasal CAPP:Unit-7	Gas (PDB)				0	0	45	45		On Test
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128X0.85	100	100	5	11	10	10		
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	21	46	21	45		
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	14	14	14	14		
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	15	37	40	40		
6	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Under Maintenance
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	0	13	84	84		
9	Horipur Power CAPP	Gas (IPP)	1x235+1x125	360	360	360	367	360	360		
10	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	440	430	430	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	412	330	400	412		
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	100	106	67	100	104	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	0	100	100		
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	10	83	82	83		
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	41	41	40	40		
17	Meghnaghat CAPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	305		
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	92	90	100		
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	60	100	100		
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	50	55	55		
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	21	88	80	88		
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	60	8	94		
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	18	19	16	19		
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x6.73	80	80	58	51	58	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	28	28	30	33		
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	34	42	43	43		
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	64	98	100	117		
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	6	35	35		
	Banco Energy 54MW	HFO (IPP)				0	55	18	55		On Test
30	Southern Power	HFO (IPP)	3x19.3	55	55	17	36	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	24	92	65	92		COD 22.02.2017
Dhaka Zone Total			4644	4408	2017	2623	2814	3400	609	105	
33	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	169	174	173	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	9	26	25	25		
36	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	43	45	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	110	80	85	80		
	Sikalbaha 225 MW GT	HSD (PDB)				163	20	100	100		On Test
39	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	8	51	51	51		
40	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	56	67	50	85		
41	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	17	80	17	102		
42	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	85	0	85		
43	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20		
*	Malancha, Ctg. EPZ (United)	Gas	5x8.73+3x9.34			2	2	5	5		
44	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	30	77	90	92		
Chittagong Zone Total			1416	1336	590	725	661	864	400	0	
45	a) Ashuganj ST: Unit-2	Gas (APSCL)	1 x 64	64	53	0	0	0	0	53	Gas Shortage
	b) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	140	140	140	140		
	c) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	150	110	150	150		
	d) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	135	122	135	135		
46	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	37	40	40		
47	Ashuganj CAPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	214	183	221	221		
48	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	361	361	360	360		
49	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0	360	Under Maintenance
50	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5		
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	68	68	68	75		
53	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	6	6	6	6		
54	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	6	85	11	85		
55	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	42		
56	Chandpur CAPP	Gas (PDB)	1X106+1x57	163	163	25	50	50	50		
57	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	21	21		
58	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11		
59	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	18	33	30	33		
60	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	16	43	43		
61	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	16	23	18	23		
**	Tripura	India		160	160	86	124	102	126		
Comilla Zone Total			2465	2394	1302	1398	1416	1571	53	360	
62	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	143	145	150	150	57	Gas Shortage
63	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	14	22	22		
64	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	80	95	95		
65	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.8	0	2	0		COD on 03.08.17
Mymensingh Zone Total			330	322	152.8	239	269	267	57	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.11.17 (Yesterday)		27.11.17 (Today)		26.11.17 (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	50	69	69	69				
67	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	20	50	62	62				
68	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	53	50	51				
69	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	50	44	44				
70	Kushiera 163 MW Fenchuganj	Gas (IPP)	1x109	109	109	30	80	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	65	40	66	66				
73	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	111	71	110	110				
74	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	89	86	86				
75	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	45	50	50				
76	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	48	70	110	135				
77	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0	20		Under Overhauling	25.12.17
78	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	0	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	280	275	341	341				
Sylhet Zone Total				1490	1445	679	937	1132	1168	0	20		
81	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
82	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278	278	278	120	120	120	120				
83	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	44	0	44				
84	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	63	0	65				
85	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	120	230	230				
86	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	5	91	105	105				
87	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	16	115	115	115				
88	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	0	45				
89	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	40	40	40				
**	Bheramara HVDC Interconnector	India		500	500	466	465	470	470				
Khulna Zone Total				1551	1537	735	1058	1080	1264	0	0		
90	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
91	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	15	110	81	110				
92	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	25	14	25				
93	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	155	191	189	194				
Barisal Zone Total				377	367	187	326	284	359	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	32	0	40				
96	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	43	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	0	100			COD on 12.08.17	
99	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	46	0	45				
100	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	12	42	43	43				
101	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	36	0	40				
102	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		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	13	13	11				
105	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	8	11				
106	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	26	52	52	52				
Rajshahi Zone Total				913	903	91	439	178	454	281	100		
107	a) Barapurkuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Under Overhauling	10.01.18
	b) Barapurkuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	73	73	73	76			On Test	
	Barapurkuria ST:Unit - 3	Coal (PDB)				0	0	0	0				
108	Rangpur GT	HSD (PDB)	1 x 20	20	20	16	0	0	17				
109	Syedpur GT	HSD (PDB)	1 x 20	20	20	19	18	20	20				
Rangpur Zone Total				290	210	108	91	93	113	0	85		
Sub-total: Plants in operation				13476	12922	5862	7836	7927	9460	1400	670		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5546	7414	7500	8951				

(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			
Gross Total				13621	12922	5862	7836	7927	9460	1400	670		

(C) Actual data of 26.11.17 (Yesterday) Monday :												
01.	Max. Demand (Generation end)	:	7836.00	MW, at = 19:00 hrs	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	7414.00	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)	:	7836.00	MW, at = 19:00 hrs	Dhaka	2827	2827	0	Mymensingh	499	499	0
04.	Minimum Generation (Generation end)	:	4683.00	MW, at = 5:00 hrs	Chittagong	866	866	0	Sylhet	302	302	0
05.	Day-peak Generation (Generation end)	:	5861.80	MW, at = 12:00 hrs	Khulna	909	909	0	Barisal	177	177	0
06.	Evening-peak Generation (Generation end)	:	7836.00	MW, at = 19:00 hrs	Rajshahi	770	770	0	Rangpur	439	439	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs	Cornilla	625	625	0	Total	7414	7414	0
08.	Generation shortfall at evening peak due to :				12.	Fuel cost :	(a) Gas = 74062224 Taka	(c) Coal = 9008640 Taka				
	a) Gas limitation	:	1400	MW			(b) Oil = 271617881 Taka	Total = 354688745 Taka				
	b) Low water level in Kaptai lake	:	0	MW								
	c) Plants under shut down/ maintenance	:	670	MW								
09.	Total Energy (Generation + India Import)	:	145.34	MKWh	13.	Maximum Temperature in Dhaka was :	28.3° C					
	By Gas = 101.12 MKWh				14.	Export through East-West interconnections :						
	By Oil = 1.77 MKWh					At evening peak-hour	:	-440	MW, at 19:00 hrs			
						Maximum	:	-300	MW, at 16:00 hrs			
10.	Total Gas Supplied	:	905.90	MMCFD		Energy	:	7.8675	MKWh			

(D) Forecast of 27.11.17 (Today) Monday :												
01.	Maximum Demand	:	8300	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	9460	MW (Generation end)	05.	Total Generation	:	148.00	MKWh			
03.	Maximum Shortage	:	-1160	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	26.8° C				

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation