



**Bangladesh Power Generation Board**  
**DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation  
Tel: 9564667, 9551095

Month: December, 2018		Day: Saturday				Date: 01.12.18						
Probable Maximum Demand :		8500 MW		Probable Maximum Generation :		11462 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 100.32 ft		Today = 100.32 ft		Rule Curve = 106.10 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.11.18 (Yesterday)		01.12.18 (Today)		30.11.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :			
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
<b>(A) Plants in operation:</b>												
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	37	37	37	37			
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	30	30	30	30			
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Gas Shortage	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	0	0	0	0		On Test	
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage	
2	Ghorasal CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	280	60	365	365			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	102	103	100	100			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	79	78	78			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage	
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	0	0			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110			
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	321	362	360	360			
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	340	400	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage	
11	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	375	356	370	370			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	67	100	150	150			
13	Shiddirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	225	225			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	0	0			
17	Meghnaghat CCGP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	72	100	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	30	55	55			
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	0	50	102	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	22	0	22			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	6	49	49	49			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33			
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	9	16	25	25			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	43	43	43			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	133	133			
29	Kathpott 52 MW	HFO (IPP)	7x7.90	51	51	0	47	43	48			
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54			
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	150	300	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	133	133			
33	APR Energy, Keranigonj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
34	Bramhangan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
36	Southern Power	HFO (IPP)	3x19.3	55	55	0	0	55	55			
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	55	55	55			
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	46	47	47			
<b>Dhaka Zone Total</b>				<b>6084</b>	<b>5848</b>	<b>1666</b>	<b>2194</b>	<b>4302</b>	<b>4429</b>	<b>580</b>	<b>0</b>	
39	Kaptai Hydro Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	0	40	100	100	190	Water Level Low	
40	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	160	120	160	160	60	Gas Shortage	
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25			
42	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.9	0	20	0			
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	50	50	50			
44	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage	
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	131	100	131	150			
46	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	65	0	0	0			
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	38	32	40	40			
48	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	0	90	90	90			
	Julda 100 MW Unit-3	HFO (IPP)				50	50	100	100		On Test	
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	51	51			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	80	80			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			25	38	6	10			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	69	92	92			
<b>Chattogram Zone Total</b>				<b>1661</b>	<b>1581</b>	<b>535.9</b>	<b>687</b>	<b>967</b>	<b>970</b>	<b>470</b>	<b>0</b>	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	120	120	120	120			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	110	110	110	110			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	120	120	120			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	40	40	40			
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	187	184	200	200			
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	360	360	360	360			
57	Ashuganj CCGP(North)	Gas (APSCL)	1x360	360	360	0	0	0	0	360	Under Maintenance	03.12.18
58	Ashuganj (Precision)	Gas (RPP)	15'4	55	55	5	5	5	5			
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5			
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	15	51	51	51			
	Midland 150MW	HFO (IPP)				0	0	0	0		On Test	
62	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	10	85	85	85			
63	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50			
64	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100			
	Chandpur Desh 200MW	HFO (IPP)				0	173	200	200		On Test	
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22			
66	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11			
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
68	Jangalia (Lakdnavi)	HFO (IPP)	6x8.92	52	52	0	25	52	52			
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	22	22	22			
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200			
**	Tripura	India		160	160	74	102	94	120			
<b>Cumilla Zone Total</b>				<b>2601</b>	<b>2541</b>	<b>1109</b>	<b>1573</b>	<b>1838</b>	<b>1914</b>	<b>0</b>	<b>360</b>	
71	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	103	159	160	160			
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	71	79	79			
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	80	200	200			
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0			
<b>Mymensingh Zone Total</b>				<b>530</b>	<b>522</b>	<b>134.1</b>	<b>332</b>	<b>463</b>	<b>461</b>	<b>0</b>	<b>0</b>	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.11.18 (Yesterday)		01.12.18 (Today)		30.11.18 (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/Coal limitation MW	Machines shut down (MW)		
76	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	26	26	26	26				
77	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	63	63	76	76				
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	53	51	51				
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	15	50	44	44				
80	Kushiera 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	163	163	163				
81	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	3	11	8	11				
82	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	62	67	66	66				
83	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	0	94	250	250				
84	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	86	86	86				
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	49	50	50				
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	80	106	79	79				
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	20	20	20				
88	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	44	46	50	50				
89	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
90	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	15	24	8	25				
91	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	0	0	0	341	Under Maintenance	26.12.18	
	Bibiana- 3	Gas (PDB)				0	0	0	0		On Test		
<b>Sylhet Zone Total</b>				<b>1594</b>	<b>1549</b>	<b>503</b>	<b>868</b>	<b>987</b>	<b>1007</b>	<b>0</b>	<b>341</b>		
92	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
93	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	250	302	310	310				
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	0	0	30				
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	0	0	75				
96	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
97	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	0	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	100	100				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
100	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	105	105	105			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	398	457	403	463				
<b>Khulna Zone Total</b>				<b>2223</b>	<b>2209</b>	<b>648</b>	<b>904</b>	<b>1073</b>	<b>1268</b>	<b>0</b>	<b>0</b>		
101	Barisal GT :Unit-1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
102	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	48	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	10	25	26	26				
104	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	184	183	187	187				
105	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	22	98	95	95				
<b>Barishal Zone Total</b>				<b>472</b>	<b>462</b>	<b>216</b>	<b>354</b>	<b>418</b>	<b>448</b>	<b>0</b>	<b>0</b>		
106	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	60	70	70	70				
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
107	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	50				
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	50				
109	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	0	93	93				
111	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	40				
112	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	39	0	39				
114	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	125	125	125	125				
115	Sirajganj CAPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	190	125	125	125				
116	Sirajganj CAPP-3 GT	Gas (NWPGL)	1x141	141	141	0	0	0	0				
117	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0				
118	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	18	22	22				
119	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	0	5				
120	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	8	8				
121	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	0	52	52	52				
<b>Rajshahi Zone Total</b>				<b>1556</b>	<b>1546</b>	<b>410</b>	<b>495</b>	<b>595</b>	<b>779</b>	<b>100</b>	<b>0</b>		
122	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.12.18
	b) Barapukuria ST:Unit- 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
123	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	149	149	150	150	125		Coal Shortage	
124	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18				
125	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18				
<b>Rangpur Zone Total</b>				<b>564</b>	<b>484</b>	<b>149</b>	<b>149</b>	<b>150</b>	<b>186</b>	<b>210</b>	<b>85</b>		
<b>Sub-total: Plants in operation</b>				<b>17285</b>	<b>16742</b>	<b>5371</b>	<b>7556</b>	<b>10793</b>	<b>11462</b>	<b>1360</b>	<b>786</b>		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						<b>5033</b>	<b>7081</b>	<b>10115</b>	<b>10741</b>				
<b>(B) List of Contract Expired Power Plants :</b>													
126	Khulna (Agreko) 55MW	HSD (QRPP)	71x0.85	55	0	0	0	0	0			Contract expired	
<b>Sub-total: Plants under long term maintenance</b>				<b>55</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Gross Total</b>				<b>17340</b>	<b>16742</b>	<b>5371</b>	<b>7556</b>	<b>10793</b>	<b>11462</b>	<b>1360</b>	<b>786</b>		
<b>(C) Actual data of 30.11.18 (Yesterday) Friday :</b>													
01.	Max. Demand (Generation end)	:	7556.00 MW, at = 19:30 hrs	11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	7081.00 MW, at = 19:30 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	:	7556.00 MW, at = 19:30 hrs	Dhaka	2542	2542	0	Mymensingh	526	526	0		
04.	Minimum Generation (Generation end)	:	5076.00 MW, at = 5:00 hrs	Chattogram	805	805	0	Sylhet	293	293	0		
05.	Day-peak Generation (Generation end)	:	5371.00 MW, at = 12:00 hrs	Khulna	881	881	0	Barishal	177	177	0		
06.	Evening-peak Generation (Generation end)	:	7556.00 MW, at = 19:30 hrs	Rajshahi	732	732	0	Rangpur	474	474	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:30 hrs	Cumilla	651	651	0	Total	7081	7081	0		
08.	Generation shortfall at evening peak due to :												
a)	Gas limitation	:	960 MW	12.	Fuel cost :	(a) Gas = 87861214 Taka	(c) Coal = 14190132 Taka						
b)	Low water level in Kaptai lake	:	190 MW		(b) Oil = 61770159 Taka	Total = 163821505 Taka							
c)	Plants under shut down/ maintenance	:	786 MW										
09.	Total Energy (Generation + India Import)	:	141.47 MKWh	13.	Maximum Temperature in Dhaka was :	28.5° C							
	By Gas = 116.014 MKWh	By Oil = 8.843 MKWh		14.	Export through East-West interconnections :								
	By Coal = 3.676 MKWh	By Hydro = 0.953 MKWh			At evening peak-hour	-570 MW, at 19:30 hrs							
	By Solar= 0.149 MKWh				Maximum	-580 MW, at 20:00 hrs							
10.	Total Gas Supplied	:	1014.26 MMCFD		Energy	3.1320 MKWh							
<b>(D) Forecast of 01.12.18 (Today) Saturday :</b>													
01.	Maximum Demand	:	8500 MW (Generation end)	04.	Maximum Load-shed	0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	11462 MW (Generation end)	05.	Total Generation	159.14 MKWh							
03.	Maximum Shortage	:	-2962 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	26.8° C							

\* Captive Power \*\* Imported Power  
#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZAMAN)  
Deputy Secretary, Generation