



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month: December, 2018			Day : Wednesday				Date : 19.12.18							
Probable Maximum Demand :			6500 MW				Probable Maximum Generation : 12028 MW							
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 99.08 ft				Today = 99.01 ft				Rule Curve = 104.30 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	18.12.18 (Yesterday)		19.12.18 (Today)		18.12.18 (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)				
<b>(A) Plants in operation:</b>														
1	a) Ghorasal ST-Unit-1	Gas (PDB)	1 x 55	55	40	38	38	38	38					
	b) Ghorasal ST-Unit-2	Gas (PDB)	1 x 55	55	45	0	0	0	0					
	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	107	0	0	0			On Test		
	(e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	0	100	120	120	90		Gas Shortage		
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	200	180	300	365					
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	51	101	50	50					
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	0	40					
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	13	110	110					
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	331	360	360	360					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	380	450	450	450					
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage		
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	353	320	412	412					
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	67	66	200	200					
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	50	118	217	217					
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	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0					
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	3	100	100					
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	40	100	100					
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	3	55	55	55					
20	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100					
21	Gaganraj (Oron)	HFO (IPP)	12x8.924	102	102	40	44	102	102					
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22					
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x0.67+7x8.73	80	80	50	43	58	58					
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33					
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25					
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	42	43	43	43					
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	50	118	149					
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	47	47	47					
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	54	54	54					
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	141	300	300					
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	82	91	100	130					
32	APR Energy, Keranigonj	HSD (IPP)	256x1.4	300	300	56	0	300	300					
33	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100					
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100					
35	Southern Power	HFO (IPP)	3x19.3	55	55	0	36	36	36					
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	36	48	55	55					
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	45	47	45	47					
<b>Dhaka Zone Total</b>				<b>6034</b>	<b>5798</b>	<b>2019</b>	<b>2568</b>	<b>4250</b>	<b>4518</b>	<b>480</b>	<b>0</b>			
38	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	65	66	70	105	164		Water Level Low		
39	a) Chattogram ST-Unit-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage		
	b) Chattogram ST-Unit-2	Gas (PDB)	1 x 210	210	180	180	180	180	180					
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25					
41	Teknaf Solarattech 20MW	Solar (IPP)	1x20	20	20	5.6	0	20	0					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	50	50	50	50					
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage		
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	140	140					
45	Sikalbaha 220 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225		Under Maintenance 20.12.18		
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+3x11.5	51	51	32	40	40	40					
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	50	86	100	100					
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	100	100	100	100					
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	68	68	68					
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	81	81	81					
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22					
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			4	12	5	20					
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	32	92	90	92					
<b>Chattogram Zone Total</b>				<b>1761</b>	<b>1681</b>	<b>563.6</b>	<b>822</b>	<b>991</b>	<b>1023</b>	<b>384</b>	<b>225</b>			
53	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0					
	b) Ashuganj ST-Unit-4	Gas (APSCL)	1 x 150	150	129	80	80	100	100					
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	80	80	100	100					
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	37	37	35	37					
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	184	184	221	221					
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	272	301	360	360					
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	260	260	265	265					
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	51	51	51	51					
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	24	100	0	85					
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	52	85	85					
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	8	0	40					
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100					
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	70	70	190	190					
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11					
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33					
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	7	0	52					
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	18	22	22					
72	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+1x1.05	200	200	0	0	100	200					
**	Tripara	India		160	160	80	116	88	111					
<b>Cumilla Zone Total</b>				<b>2951</b>	<b>2891</b>	<b>1419</b>	<b>1548</b>	<b>1801</b>	<b>2103</b>	<b>0</b>	<b>0</b>			
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	160	162	130	160					
74	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22					
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	14	81	80	81					
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	100	150	200					
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.1	0	2	0					
<b>Mymensingh Zone Total</b>				<b>530</b>	<b>522</b>	<b>201.1</b>	<b>363</b>	<b>384</b>	<b>463</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)	18.12.18 (Yesterday)		19.12.18 (Today)		18.12.18 (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)			
78	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	57	57	57	57				
79	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	63	63	63	63				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	51	33	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	21	21	40	40				
82	Kushiera 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	100	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11				
84	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	68	40	66	66				
85	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	0	0	300	300	330	Was Under Maintenance		
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	30	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	48	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	97	78	100	130				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0				
90	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	46	48	50	50				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	10	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	23	25	25	25				
93	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>672</b>	<b>561</b>	<b>1072</b>	<b>1102</b>	<b>0</b>	<b>671</b>		
94	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
95	Bheramara 360 MW CAPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	270	315	300	300				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	0	0	40				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	40	0	80				
98	Khulna CAPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	16	115	115				
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	100	100				
101	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	90	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	523	669	530	677				
<b>Khulna Zone Total</b>				<b>2223</b>	<b>2209</b>	<b>817</b>	<b>1170</b>	<b>1190</b>	<b>1503</b>	<b>0</b>	<b>0</b>		
103	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
104	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	48	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	12	26	20	26				
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	196	164	190	190				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	24	80	95	95				
<b>Barishal Zone Total</b>				<b>472</b>	<b>462</b>	<b>232</b>	<b>318</b>	<b>415</b>	<b>451</b>	<b>0</b>	<b>0</b>		
108	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	Gas Shortage		
109	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	50				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	42				
111	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	51	90	102				
113	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	35				
114	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	8	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	28	0	40				
116	Sirajganj CAPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	0	0	0				
117	Sirajganj CAPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	177	147	220	220				
118	Sirajganj CAPP-3 GT	Gas (NWPGLCL)	1x141	141	141	0	0	0	0				
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0				
120	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22				
121	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	5	5				
122	Lalapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	3	11	11	11				
123	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	25	25	52	52				
<b>Rajshahi Zone Total</b>				<b>1556</b>	<b>1546</b>	<b>228</b>	<b>347</b>	<b>500</b>	<b>679</b>	<b>171</b>	<b>0</b>		
124	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling 30.12.18	
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Coal Shortage		
125	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	149	151	150	150	123	Coal Shortage		
126	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	18				
127	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>168</b>	<b>150</b>	<b>186</b>	<b>208</b>	<b>85</b>		
<b>Sub-total: Plants in operation</b>				<b>17685</b>	<b>17142</b>	<b>6301</b>	<b>7865</b>	<b>10753</b>	<b>12028</b>	<b>1243</b>	<b>981</b>		
<b>Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss</b>						<b>5953</b>	<b>7431</b>	<b>10160</b>	<b>11364</b>				
<b>Gross Total</b>				<b>17685</b>	<b>17142</b>	<b>6301</b>	<b>7865</b>	<b>10753</b>	<b>12028</b>	<b>1243</b>	<b>981</b>		

(B) Actual data of 18.12.18 (Yesterday) Tuesday :											
01.	Max. Demand (Generation end)	: 7865.00 MW, at = 18:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 7431.00 MW, at = 18:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	: 7865.00 MW, at = 18:00 hrs		Dhaka	2840	2840	0	Mymensingh	503	503	0
04.	Minimum Generation (Generation end)	: 4022.00 MW, at = 5:00 hrs		Chattogram	876	876	0	Sylhet	279	279	0
05.	Day-peak Generation (Generation end)	: 6300.70 MW, at = 12:00 hrs		Khulna	887	887	0	Barishal	191	191	0
06.	Evening-peak Generation (Generation end)	: 7865.00 MW, at = 18:00 hrs		Rajshahi	735	735	0	Rangpur	472	472	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 18:00 hrs		Cumilla	648	648	0	Total	7431	7431	0
08.	Generation shortfall at evening peak due to :			12.	Fuel cost : (a) Gas = 81235400 Taka (c) Coal = 14086684 Taka			(b) Oil = 93025669 Taka Total = 18834753 Taka			
	a) Gas limitation	: 871 MW		13.	Maximum Temperature in Dhaka was : 19.5° C						
	b) Low water level in Kaptai lake	: 164 MW		14.	Export through East-West interconnections :						
	c) Plants under shut down/ maintenance	: 981 MW			At evening peak-hour		: -550 MW, at 18:00 hrs				
09.	Total Energy (Generation + India Import)	: 141.54 MKWh			Maximum		: -600 MW, at 20:00 hrs				
	By Gas = 108.875 MKWH	By Oil = 14.019 MKWh									
	By Coal = 3.649 MKWH	By Hydro = 1.435 MKWh									
	By Solar = 0.057 MKWH										
10.	Total Gas Supplied	: 1023.20 MMCFD		10.	Energy : 4.3070 MKWh						
(C) Forecast of 19.12.18 (Today) Wednesday :											
01.	Maximum Demand	: 6500 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 12028 MW (Generation end)	05.	Total Generation : 116.98 MKWh							
03.	Maximum Shortage	: -5528 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 21.5° C							

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

(MONIRUZZAMAN)  
Deputy Secretary, Generation