



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month: December, 2018				Day : Monday				Date : 17.12.18				
Probable Maximum Demand : 8400 MW				Probable Maximum Generation : 11701 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 99.40 ft		Today = 99.20 ft		Rule Curve = 104.50 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.12.18 (Yesterday)		17.12.18 (Today)		16.12.18 (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)		
(A) Plants in operation:												
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	140	253	100	100		On Test	
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage	
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	175	200	250	300			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	12	82	91	91			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	40	0	0			
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	10	0	0			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	331	305	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	330	350	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	355	340	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	39	62	100	100			
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	120	155	217	217			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangle)	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 CCPP (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	0	100	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	0	7	102	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	19	22	22			
24	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	32	55	55			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	28	33	33	33			
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	0	43	43			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	118	149			
29	Kathpott 52 MW	HFO (IPP)	7x7.90	51	51	0	0	47	47			
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	18	54	54			
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	0	300	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	100	130			
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
34	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
35	Aourahat 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
36	Southern Power	HFO (IPP)	3x19.3	55	55	0	17	36	36			
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	0	55	55			
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	45	45			
Dhaka Zone Total				6084	5848	1672	2001	4118	4329	580	0	
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	77	78	76	108	152	Water Level Low	
40	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			
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	26	25	25			
42	Teknaf Solaratech 20MW	Solar (IPP)	1x20	20	20	18.4	0	20	0			
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	48	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	0	0	0	0			
46	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225	Under Maintenance	20.12.18
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	40	40	40			
48	Julda (Acomr)	HFO (QRPP)	8x13.45	100	100	0	10	100	100			
	Julda 100 MW Unit-3	HFO (IPP)				10	90	100	100		On Test	
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	68	68	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	70	70			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			0	16	20	25			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	0	90	90			
Chattogram Zone Total				1661	1581	347.4	578	861	878	372	225	
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	90	80	100	100			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	80	80	135	135			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	10	37	35	37			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	130	185	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	298	300	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	250	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	7	51	51	51			
	Midland 150MW	HFO (IPP)				0	0	0	0		On Test	
62	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	6	85	85	85			
63	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	40			
64	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100			
	Chandpur Desh 200MW	HFO (IPP)				0	51	190	190		On Test	
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
66	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	8	8	8			
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	16	33	33	33			
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	0	52			
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	16	22	22	22			
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200			
**	Tripura	India		160	160	80	104	88	111			
Cumilla Zone Total				2601	2541	1128	1436	1833	2050	0	0	
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	203	208	210	210			
72	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22			
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	21	79	79			
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	7	150	200			
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.9	0	2	0			
Mymensingh Zone Total				530	522	231.9	256	463	511	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.12.18 (Yesterday)		17.12.18 (Today)		16.12.18 (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)										
76	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	57	57	57	57												
77	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	63	63	63	63												
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	49	51	51												
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	21	44	44												
80	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	100	163	163												
81	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11												
82	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	63	60	66	66												
83	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	305	286	300	300												
84	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	86	86	86												
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	49	50	50												
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	98	78	100	130												
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0												
88	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	44	48	50	50												
89	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	9	10	10												
90	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	23	25	25	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									
Sylhet Zone Total				1594	1549	853	942	1076	1106	0	341										
92	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46												
93	Bheramara 360 MW CCPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	250	306	300	300												
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	0	0	30												
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	20	0	80												
96	Khulna CCPP	HSD (NWPGLCL)	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	90	105	105			On Test									
**	Bheramara HVDC Interconnector	India		1000	1000	353	668	540	688												
Khulna Zone Total				2223	2209	603	1124	1200	1504	0	0										
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	0	110	110												
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	18	25	28	33												
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	186	187	190	190												
105	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	11	97	95	95												
Barishal Zone Total				472	462	215	309	423	458	0	0										
106	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									
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	42												
109	Amnura	HFO (QRPP)	7x7.79	50	50	0	40	50	50												
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	9	52	90	102												
111	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	35												
112	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50												
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	23	0	40												
114	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	0	0	0												
115	Sirajganj CCPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	188	178	220	220												
116	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	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	22	22	22												
119	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	5	5												
120	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11												
121	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	25	52	52	52												
Rajshahi Zone Total				1556	1546	257	383	500	679	171	0										
122	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									
123	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	149	150	150	150	124		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	15	0	18												
Rangpur Zone Total				564	484	149	165	150	186	209	85										
Sub-total: Plants in operation				17285	16742	5456	7194	10624	11701	1332	651										
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5098	6721	9925	10932												
(B) List of Contract Expired Power Plants :																					
126	Khulna (Agreko) 55MW	HSD (QRPP)	71x0.85	55	0	0	0	0	0			Contract expired									
Sub-total: Plants under long term maintenance				55	0	0	0	0	0	0	0										
Gross Total				17340	16742	5456	7194	10624	11701	1332	651										
(C) Actual data of 16.12.18 (Yesterday) Sunday :																					
01.	Max. Demand (Generation end)	:	7194.00 MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :																
02.	Max. Demand (Sub-station end)	:	6721.00 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)	:	7194.00 MW, at = 19:00 hrs		Dhaka	2206	2206	0	Mymensingh	524	524	0									
04.	Minimum Generation (Generation end)	:	4876.00 MW, at = 5:00 hrs		Chattogram	687	687	0	Sylhet	295	295	0									
05.	Day-peak Generation (Generation end)	:	5456.30 MW, at = 12:00 hrs		Khulna	888	888	0	Barishal	191	191	0									
06.	Evening-peak Generation (Generation end)	:	7194.00 MW, at = 19:00 hrs		Rajshahi	774	774	0	Rangpur	512	512	0									
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:00 hrs		Cumilla	644	644	0	Total	6721	6721	0									
08.	Generation shortfall at evening peak due to :			12.	Fuel cost :	(a) Gas = 83908031 Taka			(c) Coal = 14185886 Taka												
	a) Gas limitation	:	971 MW			(b) Oil = 36818924 Taka			Total = 134912841 Taka												
	b) Low water level in Kaptai lake	:	152 MW	13.	Maximum Temperature in Dhaka was : 26.5° C																
	c) Plants under shut down/ maintenance	:	651 MW	14.	Export through East-West interconnections :																
09.	Total Energy (Generation + India Import)	:	137.33 MKWh		At evening peak-hour : -660 MW, at 19:00 hrs																
	By Gas = 114.423 MKWH	By Oil = 5.351 MKWh			Maximum : -680 MW, at 18:00 hrs																
	By Coal = 3.675 MKWH	By Hydro = 1.768 MKWh																			
	By Solar= 0.131 MKWH																				
10.	Total Gas Supplied	:	996.04 MMCFD		Energy : 7.3475 MKWh																
(D) Forecast of 17.12.18 (Today) Monday :																					
01.	Maximum Demand	:	8400 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)																
02.	Maximum Generation	:	11701 MW (Generation end)	05.	Total Generation : 160.35 MKWh																
03.	Maximum Shortage	:	-3301 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 20.7° C																

\* Captive Power \*\* Imported Power

#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZAMAN)  
Deputy Secretary, Generation