



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month: December, 2018				Day : Sunday				Date : 16.12.18					
Probable Maximum Demand : 8100 MW				Probable Maximum Generation : 11795 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 99.40 ft	Today = 99.40 ft	Rule Curve = 104.70 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.12.18 (Yesterday)		16.12.18 (Today)		15.12.18 (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	139	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 CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	340	380	365	365				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	94	91	85	85				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	50	82	40	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	0	110	110				
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	306	365	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	380	400	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	0	100	412	412				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	130	155	150	150				
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	225	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	48	100	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55				
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	24	102	102				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	22	22				
24	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	48	55	55	55				
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	25				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	24	42	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	6	47	47	47				
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	183	300	300				
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	51	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	0	36	36				
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	36	37	55	55				
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	53	45	45				
Dhaka Zone Total				6084	5848	1697	2565	4217	4378	580	0		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	76	77	76	106	153		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	25	25	25				
42	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	7.35	0	20	0				
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	50	45	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	30	50	100	100				
	Juldah 100 MW Unit-3	HFO (IPP)				83	100	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			15	32	20	25				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	12	30	90	90				
Chattogram Zone Total				1661	1581	515.35	669	861	876	373	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	90	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	35	37	10	10				
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	301	301	360	360				
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	250	250	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				
	Midland 150MW	HFO (IPP)				6	120	0	0		On Test		
62	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	85	85	85				
63	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50				
64	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100				
	Chandpur Desh 200MW	HFO (IPP)				70	132	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	33	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	18	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	84	106	83	107				
Cumilla Zone Total				2601	2541	1432	1639	1803	2029	0	0		
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	178	167	170	180				
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22				
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	7	79	71	71				
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	60	150	200				
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	2	0				
Mymensingh Zone Total				530	522	212	326	415	473	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.12.18 (Yesterday)		16.12.18 (Today)		15.12.18 (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	48	50	51	51								
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	21	21	44	44								
80	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	130	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	40	63	66	66								
83	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	243	290	300	300								
84	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	89	89	86	86								
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	46	49	50	50								
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	78	80	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	0	48	50	50								
89	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	10	10								
90	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	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)				230	0	0	0		On Test						
Sylhet Zone Total				1594	1549	1056	985	1076	1106	0	341						
92	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30								
93	Bheramara 360 MW CCPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	35	30	410	410								
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	18	0	30								
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	50	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	16	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	8	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	397	676	356	700								
Khulna Zone Total				2223	2209	440	920	1126	1610	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	80	110	110								
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	25	28	33								
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	163	161	190	190								
105	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	72	97	95	95								
Barishal Zone Total				472	462	252	363	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	12	50	50	50								
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	87	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	39	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	178	181	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	5	11	11	11								
121	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	43	52	52	52								
Rajshahi Zone Total				1556	1546	265	447	500	679	171	0						
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	17	0	18								
125	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	15	0	18								
Rangpur Zone Total				564	484	149	181	150	186	210	85						
Sub-total: Plants in operation						17285	16742	6018	8095	10571	11795	1334	651				
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5663	7617	9947	11099								
(B) List of Contract Expired Power Plants :																	
126	Khulna (Aggreko) 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						
Gross Total				17340	16742	6018	8095	10571	11795	1334	651						
(C) Actual data of 15.12.18 (Yesterday) Saturday :																	
01.	Max. Demand (Generation end)	:	8095.00	MW,	at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :										
02.	Max. Demand (Sub-station end)	:	7617.00	MW,	at = 19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed				
03.	Highest Generation (Generation end)	:	8095.00	MW,	at = 19:00 hrs	Dhaka	2718	2718	0	Mymensingh	548	548	0				
04.	Minimum Generation (Generation end)	:	4666.00	MW,	at = 5:00 hrs	Chattogram	879	879	0	Sylhet	315	315	0				
05.	Day-peak Generation (Generation end)	:	6018.35	MW,	at = 12:00 hrs	Khulna	960	960	0	Barishal	196	196	0				
06.	Evening-peak Generation (Generation end)	:	8095.00	MW,	at = 19:00 hrs	Rajshahi	808	808	0	Rangpur	533	533	0				
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 19:00 hrs	Cumilla	660	660	0	Total	7617	7617	0				
08.	Generation shortfall at evening peak due to :					12.	Fuel cost :	(a) Gas = 85418329 Taka	(c) Coal = 14015274 Taka								
	a) Gas limitation	:	971	MW			(b) Oil = 119652959 Taka	Total = 219086562 Taka									
	b) Low water level in Kaptai lake	:	153	MW		13.	Maximum Temperature in Dhaka was : 27.0° C										
	c) Plants under shut down/ maintenance	:	651	MW		14.	Export through East-West interconnections :										
09.	Total Energy (Generation + India Import)	:	149.11	MKWh			At evening peak-hour	:	-830	MW,	at	19:00	hrs				
	By Gas = 114.401 MKWH	By Oil =	16.928	MKWh			Maximum	:	-860	MW,	at	8:00	hrs				
	By Coal = 3.631 MKWH	By Hydro =	1.744	MKWh													
	By Solar= 0.040 MKWH																
10.	Total Gas Supplied	:	1036.88	MMCFD			Energy	:	9.8975	MKWh							
(D) Forecast of 16.12.18 (Today) Sunday :																	
01.	Maximum Demand	:	8100	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)						
02.	Maximum Generation	:	11795	MW	(Generation end)	05.	Total Generation	:	149.20	MKWh							
03.	Maximum Shortage	:	-3695	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	24.1° C								

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

(MONIRUZAMAN)  
Deputy Secretary, Generation