Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: December, 2018 | Day : **Saturday** | Date : **08.12.18**

Probable Maximum Demand : 6200 MW | **Probable Maximum Generation :** 11650 MW

Water Level of Kaptai Lake at 06:00 AM | Yesterday = 99.98 ft | Today = 99.89 ft. | Rule Curve = 105.46 ft.

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.12.18 (Yesterday) Actual Peak Generation (MW)		08.12.18 (Today) Probable Peak Generation (MW)		07.12.18 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
							Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
(A)	**Plants in operation:**													
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	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	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 CCPP:Unit-7	Gas	(PDB)	1x 254+1x 126	365	365	190	380	300	300				
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	101	22	101	101				
4	Ghorasal 78.5MW (Max)	Gas	(QRPP)	2x40	78	78	0	0	40	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 CCPP	Gas	(IPP)	1x235+1x125	360	360	311	360	360	360				
9	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	400	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	380	375	412	412				
12	Shiddirganj GT:Unit-1&2	Gas	(EGCB)	2 x 105	210	210	0	0	0	0				
13	Siddhirganj CCPP-335 MW GT	Gas	(EGCB)	1 x 217	217	217	0	0	0	0				
14	Siddirganj (Desh)	HSD	(QRPP)	96x1.2	100	100	0	0	100	100				
15	Siddirganj (Dutch Bangla)	HFO	(QRPP)	12x8.9	100	100	0	7	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	10	100	100				
20	Madanganj-55 MW	HFO	(IPP)	5x17.08+1x11.3	55	55	0	15	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	7	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	35	41	49	49				
25	Summit Power, Maona	Gas	(SIPP, REB)	4x8.73	33	33	33	33	33	33				
26	Summit Power, Rupganj	Gas	(SIPP, REB)	4x8.73	33	33	25	25	25	25				
27	Gazipur (RPCL)	HFO	(RPCL)	6x8.90	52	52	0	40	51	51				
28	Kodda 150MW Power Plant	HFO	(BPDB-RPCL)	9x17.06	149	149	0	0	115	115				
29	Kathpotti 52 MW	HFO	(IPP)	7x7.90	51	51	0	24	48	48				
30	Kamalaghat Munshiganj (Banco Energy)	HFO	(IPP)	3x18.69	54	54	0	36	54	54				
31	Summit Gazipur-2	HFO	(IPP)	18x17.076	300	300	0	12	200	300				
32	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	0	0	149	149				
33	APR Energy , Keranigonj	HSD	(IPP)	256x1.4	300	300	0	0	200	300				
34	Bramhangoan 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	17	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	24	54	54				
	Dhaka Zone Total				**6084**	**5848**	**1512**	**1992**	**3677**	**4015**	**580**	**0**		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	40	45	105	105	185		Water Level Low	
40	a) Chattogram ST:Unit -1	Gas	(PDB)	1 x 210	210	180	100	0	0	0	180		Gas Shortage	
	b) Chattogram ST:Unit -2	Gas	(PDB)	1 x 210	210	180	100	180	180	180	0		Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO	(RPCL)	3x8.9	25	25	0	25	25	25				
42	Teknaf Solartech 20MW	Solar	(IPP)	1x20	20	20	19.5	0	20	0				
43	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	0	34	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	130	130	145	140				
46	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas	(PDB)	1 x 150+1 x 75	225	225	0	0	0	0		225	Under Maintenance	11.12.18
47	Sikalbaha (Energis)	HFO	(RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	0	50	50	50				
48	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	0	40	90	90				
	Juldah 100 MW Unit-3	HFO	(IPP)				0	76	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	16	85	85				
51	Barabkunda (Regent)	Gas	(SIPP, PDB)	8x2.90	22	22	22	22	22	22				
*	Malancha, Ctg.EPZ (United)	Gas		5x8.73+3x9.34			18	39	16	30				
52	Chattogram ECPV 108 MW	HFO	(IPP)	16x7.00	108	108	0	0	92	92				
	Chattogram Zone Total				**1661**	**1581**	**429.5**	**725**	**1048**	**1037**	**405**	**225**		
53	a) Ashuganj ST:Unit-3	Gas	(APSCL)	1 x 150	150	135	100	80	100	100				
	b) Ashuganj ST:Unit-4	Gas	(APSCL)	1 x 150	150	129	0	0	0	0				
	c) Ashuganj ST:Unit-5	Gas	(APSCL)	1 x 150	150	134	90	90	100	100				
54	Ashuganj Engines	Gas	(APSCL)	14x3.968	53	45	40	10	40	40				
55	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	184	194	221	221				
56	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	305	320	360	360				
57	Ashuganj CCPP(North)	Gas	(APSCL)	1x361	360	360	260	255	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	40	40				
61	Ashuganj (Midland)	Gas	(IPP)	6x9.34	51	51	6	6	51	51				
	Midland 150MW	HFO	(IPP)				0	0	0	0			On Test	
62	Brahmanbaria (Aggreko)	Gas	(QRPP)	86x1.10	85	85	6	50	85	85				
63	Titas (Daudkandi) Peaking	HFO	(PDB)	6x8.92	52	52	0	0	8	50				
64	Chandpur CCPP	Gas	(PDB)	1X106+1x57	163	163	0	0	0	0		163	Under Maintenance	12.12.18
	Chandpur Desh 200MW	HFO	(IPP)				0	107	190	190			On Test	
65	Feni (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	19	22	22	22				
66	Feni, Mohipal (Doreen)	Gas	(SIPP, REB)	4x2.90	11	11	8	8	8	8				
67	Jangalia (Summit)	Gas	(SIPP, PDB)	4x8.73	33	33	0	33	33	33				
68	Jangalia (Lakdanavi)	HFO	(IPP)	6x8.92	52	52	0	8	52	52				
69	Summit Power, Cumilla	Gas	(SIPP, REB)	3x3.67+2x6.97	25	25	18	0	22	22				
70	Daudkandi 200 MW	HSD	(IPP)	9x1.4+40x1.515+15x1.09	200	200	0	0	100	200				
**	Tripura		India		160	160	64	104	83	114				
	Cumilla Zone Total				**2601**	**2541**	**1118**	**1305**	**1790**	**1963**	**0**	**163**		
71	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	103	104	105	107				
72	Tangail (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	0	22	22	22				
73	Jamalpur IPP	HFO	(IPP)	12x8.924	95	95	0	70	78	78				
74	Mymensingh 200MW (United)	HFO	(IPP)	21x9.780	200	200	7	50	150	200				
75	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	1.7	0	2	0				
	Mymensing Zone Total				**530**	**522**	**111.7**	**246**	**357**	**407**	**0**	**0**		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.12.18 (Yesterday) Actual Peak Generation (MW)		08.12.18 (Today) Probable Peak Generation (MW)		07.12.18 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
											Gas/water/Coal limitation	Machines shut down	Description/ Remarks	Probable start-up date
							Day	Evening	Day	Evening	MW	(MW)		
76	Fenchuganj CCPP-1	Gas	(PDB)	2x32+1x33	97	70	27	26	27	27				
77	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	76	77	76	76				
78	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	5	29	51	51				
79	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	10	16	44	44				
80	Kushiara 163 MW CCPP	Gas	(IPP)	1x109+1x54	163	163	130	163	163	163				
81	Hobiganj (Confidence-EP)	Gas	(SIPP, REB)	4x2.90	11	11	5	11	11	11				
82	Shajibazar GT:Unit-8,9	Gas	(PDB)	2x35	70	66	62	67	66	66				
83	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	266	277	310	310				
84	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	5	50	86	86				
85	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	5	48	50	50				
86	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	77	100	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	7	45	50	50				
89	Sylhet (Desh)	Gas	(RPP)	6x1.95	10	10	0	10	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)				0	0	0	0			On Test	
	Sylhet Zone Total				1594	1549	699	944	1069	1099	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	(NWPGCL)	1 x 278+1 x 132	410	410	220	300	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	0	0	80				
96	Khulna CCPP	HSD	(NWPGCL)	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	342	681	400	696				
	Khulna Zone Total				2223	2209	562	1126	1060	1496	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	32	110	110				
103	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	17	23	26	26				
104	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	186	188	190	190				
105	Bhola Agreeko 95 MW	Gas	(QRPP)	1.1x96	95	95	11	97	80	95				
	Barishal Zone Total				472	462	214	340	406	451	0	0		
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	17	0	50				
108	Bera Peaking	HFO	(PDB)	9x8.29	71	71	0	0	0	48				
109	Amnura	HFO	(QRPP)	7x7.79	50	50	0	50	50	50				
110	Chapainawabganj-100 MW	HFO	(PDB)	12x8.924	104	104	0	51	100	100				
111	Katakhali Peaking	HFO	(PDB)	6x8.7	50	50	0	0	0	32				
112	Katakhali (Northern)	HFO	(QRPP)	6x8.9	50	50	0	0	50	50				
113	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	0	0	0	40				
114	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	167	192	100	225				
115	Sirajganj CCPP 2	HSD	(NWPGCL)	1x150 + 1x75	220	220	0	0	0	0				
116	Sirajgonj CCPP-3 GT	Gas	(NWPGCL)	1x141	141	141	231	234	241	241				
117	Sirajgonj Unit-4 GT(Gas)	Gas	(IPP)	1x282	282	282	0	0	0	0				
118	Bogura (GBB)	Gas	(RPP)	6x4.0	22	22	5	22	22	22				
119	Bogura (Engergyprima)	Gas	(RPP)	5x3.3+5x2.0	20	10	0	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	0	25	52	52				
	Rajshahi Zone Total				1556	1546	471	677	701	996	100	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	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	0	0	18				
	Rangpur Zone Total				564	484	149	150	150	186	209	85		
	Sub-total: Plants in operation				17285	16742	5266	7505	10258	11650	1294	814		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						4891	6971	9528	10821				
(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	0	0		
	Gross Total				17340	16742	5266	7505	10258	11650	1294	814		

(C)	Actual data of 07.12.18 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	:	7505.00	MW, at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	6971.00	MW, at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	7505.00	MW, at =	19:00 hrs		MW	MW	MW		MW	MW	MW	
04.	Minimum Generation (Generation end)	:	4798.00	MW, at =	5:00 hrs	Dhaka	2500	2500	0	Mymensingh	507	507	0	
05.	Day-peak Generation (Generation end)	:	5266.20	MW, at =	12:00 hrs	Chattogram	754	754	0	Sylhet	288	288	0	
06.	Evening-peak Generation (Generation end)	:	7505.00	MW, at =	19:00 hrs	Khulna	867	867	0	Barishal	184	184	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:00 hrs	Rajshahi	746	746	0	Rangpur	495	495	0	
08.	Generation shortfall at evening peak due to :					Cumilla	630	630	0	Total	6971	6971	0	
	a) Gas limitation	:	900	MW		12.	Fuel cost :	(a) Gas =	79477666	Taka	(c) Coal =	14133390	Taka	
	b) Low water level in Kaptai lake	:	185	MW				(b) Oil =	36190322	Taka	Total =	129801379	Taka	
	c) Plants under shut down/ maintenance	:	814	MW		13.	Maximum Temperature in Dhaka was :		27.0° C					
09.	Total Energy (Generation + India Import)	:	135.81	MKWh		14.	Export through East-West interconnections :							
	By Gas = 114.011 MKWH		By Oil =	5.281 MKWh			At evening peak-hour	:	-260	MW, at	19:00 hrs			
	By Coal = 3.662 MKWH		By Hydro =	1.018 MKWh			Maximum	:	-360	MW, at	2:00 hrs			
	By Solar= 0.139 MKWH													
10.	Total Gas Supplied	:	940.24	MMCFD			Energy	:	2.2970	MKWh				

(D)	Forecast of 08.12.18 (Today) Saturday :								
01.	Maximum Demand	:	6200	MW	(Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)
02.	Maximum Generation	:	11650	MW	(Generation end)	05.	Total Generation	:	112.19 MKWh
03.	Maximum Shortage	:	-5450	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :		26.0° C

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation