Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: December, 2018 | Day : **Wednesday** | Date : **12.12.18**

Probable Maximum Demand : **8600** MW | **Probable Maximum Generation :** **11231** MW

Water Level of Kaptai Lake at 06:00 AM | Yesterday = **99.71** ft | Today = **99.63** ft. | Rule Curve = **105.10** ft.

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.12.18 (Yesterday) Actual Peak Generation (MW)		12.12.18 (Today) Probable Peak Generation (MW)		11.12.18 (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	**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	**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	**348**	**230**	**365**	**365**				
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	**13**	**12**	**100**	**100**				
4	Ghorasal 78.5MW (Max)	Gas	(QRPP)	2x40	78	78	**20**	**20**	**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	**360**	**324**	**360**	**360**				
9	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	**420**	**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	**385**	**315**	**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**	**1**	**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**	**100**	**100**	**100**				
19	Madanganj (Summit)	HFO	(QRPP)	6x17	102	100	**15**	**75**	**100**	**100**				
20	Madanganj-55 MW	HFO	(IPP)	5x17.08+1x11.3	55	55	**55**	**55**	**55**	**55**				
21	Keranigonj (Powerpac)	HFO	(QRPP)	8x13.45	100	100	**0**	**0**	**100**	**100**				
22	Gagnagar (Orion)	HFO	(IPP)	12x8.924	102	102	**32**	**102**	**102**	**102**				
23	Narshingdi (Doreen)	Gas	(SIPP, REB)	8x2.90	22	22	**22**	**22**	**22**	**22**				
24	Summit Power,(Madhabdi+Ashulia)	Gas	(SIPP, REB)	6x3.67+7x8.73	80	80	**49**	**39**	**55**	**55**				
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	**43**	**43**	**43**	**43**				
28	Kodda 150MW Power Plant	HFO	(BPDB-RPCL)	9x17.06	149	149	**0**	**16**	**115**	**149**				
29	Kathpotti 52 MW	HFO	(IPP)	7x7.90	51	51	**6**	**42**	**48**	**48**				
30	Kamalaghat Munshiganj (Banco Energy)	HFO	(IPP)	3x18.69	54	54	**54**	**54**	**54**	**54**				
31	Summit Gazipur-2	HFO	(IPP)	18x17.076	300	300	**14**	**213**	**200**	**300**				
32	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	**15**	**70**	**100**	**130**				
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**	**36**	**55**	**55**				
37	Northern 55 MW	HFO	(IPP)	3x19.3	55	55	**56**	**55**	**55**	**55**				
38	Bosila 108 MW (CLC)	HFO	(IPP)	12x8.775+1x3.5	108	108	**45**	**46**	**46**	**47**				
	Dhaka Zone Total				**6084**	**5848**	**2048**	**2416**	**3683**	**4086**	**580**	**0**		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	**45**	**45**	**44**	**44**	**185**		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	**110**	**110**	**120**	**120**	**70**		Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO	(RPCL)	3x8.9	25	25	**16**	**25**	**25**	**25**				
42	Teknaf Solartech 20MW	Solar	(IPP)	1x20	20	20	**11.4**	**0**	**20**	**0**				
43	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	**18**	**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	**100**	**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	15.12.18
47	Sikalbaha (Energis)	HFO	(RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	**40**	**40**	**40**	**40**				
48	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	**0**	**78**	**90**	**90**				
	Juldah 100 MW Unit-3	HFO	(IPP)				**100**	**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**	**56**	**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			**2**	**23**	**13**	**20**				
52	Chattogram ECPV 108 MW	HFO	(IPP)	16x7.00	108	108	**0**	**93**	**92**	**92**				
	Chattogram Zone Total				**1661**	**1581**	**464.4**	**710**	**754**	**741**	**475**	**225**		
53	a) Ashuganj ST:Unit-3	Gas	(APSCL)	1 x 150	150	135	**80**	**100**	**120**	**120**				
	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	**80**	**135**	**135**	**135**				
54	Ashuganj Engines	Gas	(APSCL)	14x3.968	53	45	**40**	**40**	**40**	**40**				
55	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	**226**	**186**	**221**	**221**				
56	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	**279**	**298**	**360**	**360**				
57	Ashuganj CCPP(North)	Gas	(APSCL)	1x361	360	360	**255**	**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**	**8**	**45**				
61	Ashuganj (Midland)	Gas	(IPP)	6x9.34	51	51	**45**	**45**	**51**	**51**				
	Midland 150MW	HFO	(IPP)				**0**	**0**	**0**	**0**			On Test	
62	Brahmanbaria (Aggreko)	Gas	(QRPP)	86x1.10	85	85	**50**	**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	**90**	**90**	**90**	**90**				
	Chandpur Desh 200MW	HFO	(IPP)				**88**	**181**	**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	**33**	**33**	**33**	**33**				
68	Jangalia (Lakdanavi)	HFO	(IPP)	6x8.92	52	52	**0**	**22**	**0**	**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+15x1.09	200	200	**0**	**0**	**100**	**200**				
**	Tripura		India		160	160	**82**	**118**	**89**	**114**				
	Cumilla Zone Total				**2601**	**2541**	**1408**	**1658**	**1849**	**2113**	**0**	**0**		
71	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	**73**	**92**	**108**	**110**				
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**	**78**	**78**				
74	Mymensingh 200MW (United)	HFO	(IPP)	21x9.780	200	200	**7**	**200**	**150**	**200**				
75	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	**1.8**	**0**	**2**	**0**				
	Mymensing Zone Total				**530**	**522**	**108.8**	**391**	**360**	**410**	**0**	**0**		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.12.18 (Yesterday) Actual Peak Generation (MW)		12.12.18 (Today) Probable Peak Generation (MW)		11.12.18 (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
76	Fenchuganj CCPP-1	Gas	(PDB)	2x32+1x33	97	70	40	57	60	60				
77	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	63	62	63	63				
78	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	53	53	51	51				
79	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	21	21	44	44				
80	Kushiara 163 MW CCPP	Gas	(IPP)	1x109+1x54	163	163	130	130	163	163				
81	Hobiganj (Confidence-EP)	Gas	(SIPP, REB)	4x2.90	11	11	8	8	11	11				
82	Shajibazar GT:Unit-8,9	Gas	(PDB)	2x35	70	66	40	52	66	66				
83	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	250	300	322	322				
84	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	50	86	86	86				
85	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	48	48	50	50				
86	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	80	108	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	42	47	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	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	859	1007	1101	1131	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	240	230	250	250				
94	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	0	0	30				
95	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	3	55	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	82	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	579	676	548	695				
	Khulna Zone Total				2223	2209	830	1173	1158	1445	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	96	110	110				
103	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	18	25	27	27				
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	41	98	95	95				
	Barishal Zone Total				472	462	245	407	422	452	0	0		
106	a) Baghabari GT	Gas	(PDB)	1 x 71	71	71	60	0	0	0				
	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	50	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	12	102	90	102				
111	Katakhali Peaking	HFO	(PDB)	6x8.7	50	50	0	30	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	39	0	31				
114	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	0	0	0	0				
115	Sirajganj CCPP 2	HSD	(NWPGCL)	1x150 + 1x75	220	220	83	202	220	220				
116	Sirajgonj CCPP-3 GT	Gas	(NWPGCL)	1x141	141	141	156	0	0	0				
117	Sirajgonj 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	8	43	52	52				
	Rajshahi Zone Total				1556	1546	366	554	500	667	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	150	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	0	0	18				
	Rangpur Zone Total				564	484	150	166	150	186	210	85		
	Sub-total: Plants in operation				17285	16742	6479	8482	9977	11231	1365	651		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							6154	8056	9476	10667				
(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	6479	8482	9977	11231	1365	651		

(C)	Actual data of 11.12.18 (Yesterday) Tuesday :												
01.	Max. Demand (Generation end)	:	8482.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8056.00	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)	:	8482.00	MW, at = 19:00 hrs									
04.	Minimum Generation (Generation end)	:	4805.00	MW, at = 5:00 hrs	Dhaka	3027	3027	0	Mymensingh	572	572	0	
05.	Day-peak Generation (Generation end)	:	6479.20	MW, at = 12:00 hrs	Chattogram	935	935	0	Sylhet	323	323	0	
06.	Evening-peak Generation (Generation end)	:	8482.00	MW, at = 19:00 hrs	Khulna	960	960	0	Barishal	201	201	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs	Rajshahi	834	834	0	Rangpur	541	541	0	
08.	Generation shortfall at evening peak due to :				Cumilla	663	663	0	Total	8056	8056	0	
	a) Gas limitation	:	970	MW	12.	Fuel cost :	(a) Gas =	81919759	Taka	(c) Coal =	14131074	Taka	
	b) Low water level in Kaptai lake	:	185	MW			(b) Oil =	143122137	Taka	Total =	239172970	Taka	
	c) Plants under shut down/ maintenance	:	651	MW	13.	Maximum Temperature in Dhaka was : 27.7° C							
09.	Total Energy (Generation + India Import)	:	154.32	MKWh	14.	Export through East-West interconnections :							
	By Gas = 114.017 MKWH		By Oil = 20.620 MKWh			At evening peak-hour	:	-520	MW, at	19:00 hrs			
	By Coal = 3.661 MKWH		By Hydro = 1.109 MKWh			Maximum	:	-580	MW, at	8:00 hrs			
	By Solar= 0.105 MKWH												
10.	Total Gas Supplied	:	970.19	MMCFD		Energy	:	3.5860	MKWh				

(D)	Forecast of 12.12.18 (Today) Wednesday :								
01.	Maximum Demand	:	8600	MW	(Generation end)	04.	Maximum Load-shed : 0 MW	At evening peak (Sub-station end)	
02.	Maximum Generation	:	11231	MW	(Generation end)	05.	Total Generation : 156.47 MKWh		
03.	Maximum Shortage	:	-2631	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 27.8° C		

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation