Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: December, 2018 | Day : **Thursday** | Date : **13.12.18**

Probable Maximum Demand : 8500 MW | **Probable Maximum Generation :** 11296 MW

Water Level of Kaptai Lake at 06:00 AM | Yesterday = 99.63 ft | Today = 99.59 ft. | Rule Curve = 104.94 ft.

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.12.18 (Yesterday) Actual Peak Generation (MW)		13.12.18 (Today) Probable Peak Generation (MW)		12.12.18 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
											Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
							Day	Evening	Day	Evening				
(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	250	270	365	365				
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	12	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	250	320	360	360				
9	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	300	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	300	310	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	24	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	0	85	100	100				
20	Madanganj-55 MW	HFO	(IPP)	5x17.08+1x11.3	55	55	15	55	55	55				
21	Keranigonj (Powerpac)	HFO	(QRPP)	8x13.45	100	100	0	50	100	100				
22	Gagnagar (Orion)	HFO	(IPP)	12x8.924	102	102	0	102	102	102				
23	Narshingdi (Doreen)	Gas	(SIPP, REB)	8x2.90	22	22	19	22	22	22				
24	Summit Power,(Madhabdi+Ashulia)	Gas	(SIPP, REB)	6x3.67+7x8.73	80	80	48	44	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	32	115	149				
29	Kathpotti 52 MW	HFO	(IPP)	7x7.90	51	51	47	47	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	0	200	200	300				
32	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	0	116	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	55	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**	**1554**	**2589**	**3683**	**4086**	**580**	**0**		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	44	72	44	74	158		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	130	130	130	130	50		Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO	(RPCL)	3x8.9	25	25	25	25	25	25				
42	Teknaf Solartech 20MW	Solar	(IPP)	1x20	20	20	18	0	20	0				
43	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	50	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	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	15.12.18
47	Sikalbaha (Energis)	HFO	(RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	40	40	40				
48	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	30	78	90	90				
	Juldah 100 MW Unit-3	HFO	(IPP)				100	58	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	19	93	92	93				
	Chattogram Zone Total				**1661**	**1581**	**472**	**715**	**764**	**782**	**428**	**225**		
53	a) Ashuganj ST:Unit-3	Gas	(APSCL)	1 x 150	150	135	80	80	0	0				
	b) Ashuganj ST:Unit-4	Gas	(APSCL)	1 x 150	150	129	0	0	120	120				
	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	30	10	40	40				
55	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	178	147	221	221				
56	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	338	260	360	360				
57	Ashuganj CCPP(North)	Gas	(APSCL)	1x361	360	360	250	205	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	51	51	51	51				
	Midland 150MW	HFO	(IPP)				0	0	0	0			On Test	
62	Brahmanbaria (Aggreko)	Gas	(QRPP)	86x1.10	85	85	85	85	85	85				
63	Titas (Daudkandi) Peaking	HFO	(PDB)	6x8.92	52	52	0	8	0	50				
64	Chandpur CCPP	Gas	(PDB)	1X106+1x57	163	163	100	100	100	100				
	Chandpur Desh 200MW	HFO	(IPP)				52	155	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	20	33	33				
68	Jangalia (Lakdanavi)	HFO	(IPP)	6x8.92	52	52	0	27	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+15x1.09	200	200	0	0	100	200				
**	Tripura		India		160	160	90	116	89	116				
	Cumilla Zone Total				**2601**	**2541**	**1397**	**1414**	**1859**	**2125**	**0**	**0**		
71	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	101	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	50	79	78	78				
74	Mymensingh 200MW (United)	HFO	(IPP)	21x9.780	200	200	7	180	150	200				
75	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	2	0	2	0				
	Mymensing Zone Total				**530**	**522**	**180**	**371**	**360**	**410**	**0**	**0**		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.12.18 (Yesterday) Actual Peak Generation (MW)		13.12.18 (Today) Probable Peak Generation (MW)		12.12.18 (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	57	57	60	60				
77	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	62	63	63	63				
78	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	22	48	51	51				
79	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	5	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	64	60	66	66				
83	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	312	294	322	322				
84	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	86	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	78	80	117	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	10	10	10	10				
90	Shahjahanulla 25MW	Gas	(CIPP, REB)	3x9.34	25	25	17	16	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)				306	0	0	0			On Test	
	Sylhet Zone Total				1594	1549	1249	969	1118	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	175	130	250	250				
94	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	22	0	30				
95	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	0	30	0	80				
96	Khulna CCPP	HSD	(NWPGCL)	1 x 150+1x75	230	230	165	170	0	0				
97	Khulna (KPCL-2)	HFO	(QRPP)	7x17	115	115	0	66	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	40	40	40	40				
100	Labon Chora 105 MW	HFO	(IPP)	6x18.445	105	105	0	70	105	105			On Test	
**	Bheramara HVDC Interconnector		India		1000	1000	541	685	548	695				
	Khulna Zone Total				2223	2209	921	1213	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	80	110	110				
103	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	25	38	28	33				
104	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	185	176	190	190				
105	Bhola Agreeko 95 MW	Gas	(QRPP)	1.1x96	95	95	95	97	95	95				
	Barishal Zone Total				472	462	305	391	423	458	0	0		
106	a) Baghabari GT	Gas	(PDB)	1 x 71	71	71	0	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	0	77	90	102				
111	Katakhali Peaking	HFO	(PDB)	6x8.7	50	50	0	37	0	37				
112	Katakhali (Northern)	HFO	(QRPP)	6x8.9	50	50	0	0	50	50				
113	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	0	32	0	32				
114	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	0	0	0	0				
115	Sirajganj CCPP 2	HSD	(NWPGCL)	1x150 + 1x75	220	220	195	185	220	220				
116	Sirajgonj CCPP-3 GT	Gas	(NWPGCL)	1x141	141	141	0	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	5	11	11	11				
121	Rajlanka 52 MW	HFO	(IPP)	6x8.92	52	52	52	52	52	52				
	Rajshahi Zone Total				1556	1546	291	521	500	673	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	6519	8349	10015	11296	1318	651		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							6229	7977	9569	10793				
(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	6519	8349	10015	11296	1318	651		

(C)	Actual data of 12.12.18 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	8349.00	MW, at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	7977.00	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)	:	8349.00	MW, at =	19:00 hrs								
04.	Minimum Generation (Generation end)	:	4869.00	MW, at =	5:00 hrs	Dhaka	2971	2971	0	Mymensingh	574	574	0
05.	Day-peak Generation (Generation end)	:	6519.00	MW, at =	12:00 hrs	Chattogram	932	932	0	Sylhet	312	312	0
06.	Evening-peak Generation (Generation end)	:	8349.00	MW, at =	19:00 hrs	Khulna	976	976	0	Barishal	192	192	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:00 hrs	Rajshahi	831	831	0	Rangpur	531	531	0
08.	Generation shortfall at evening peak due to :					Cumilla	658	658	0	Total	7977	7977	0
	a) Gas limitation	:	950	MW		12.	Fuel cost :	(a) Gas =	81593766 Taka		(c) Coal =	14163112	Taka
	b) Low water level in Kaptai lake	:	158	MW				(b) Oil =	167233482 Taka		Total =	262990360	Taka
	c) Plants under shut down/ maintenance	:	651	MW		13.	Maximum Temperature in Dhaka was :		28.6° C				
09.	Total Energy (Generation + India Import)	:	153.03	MKWh		14.	Export through East-West interconnections :						
	By Gas = 112.066 MKWH		By Oil =	21.961 MKWh			At evening peak-hour	:	-520 MW, at		19:00 hrs		
	By Coal = 3.669 MKWH		By Hydro =	1.128 MKWh			Maximum	:	-640 MW, at		8:00 hrs		
	By Solar= 0.135 MKWH												
10.	Total Gas Supplied	:	967.16	MMCFD			Energy	:	4.7740 MKWh				

(D)	Forecast of 13.12.18 (Today) Thursday :								
01.	Maximum Demand	:	8500	MW	(Generation end)	04.	Maximum Load-shed	:	0 MW
02.	Maximum Generation	:	11296	MW	(Generation end)	05.	Total Generation	:	155.80 MKWh
03.	Maximum Shortage	:	-2796	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :		27.8° C

At evening peak (Sub-station end)

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation