Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: December, 2018 | Day : **Friday** | Date : **07.12.18**

Probable Maximum Demand : 7600 MW | **Probable Maximum Generation :** 11661 MW

Water Level of Kaptai Lake at 06:00 AM | Yesterday = 100.02 ft | Today = 99.98 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)	06.12.18 (Yesterday) Actual Peak Generation (MW)		07.12.18 (Today) Probable Peak Generation (MW)		06.12.18 (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	250	250	300	300				
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	52	98	98	98				
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	357	361	360	360				
9	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	450	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	350	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	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	7	100	100				
19	Madanganj (Summit)	HFO	(QRPP)	6x17	102	100	0	70	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	0	100	100				
22	Gagnagar (Orion)	HFO	(IPP)	12x8.924	102	102	0	72	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	46	49	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	8	8	25	25				
27	Gazipur (RPCL)	HFO	(RPCL)	6x8.90	52	52	25	51	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	46	48	48				
30	Kamalaghat Munshiganj (Banco Energy)	HFO	(IPP)	3x18.69	54	54	36	54	54	54				
31	Summit Gazipur-2	HFO	(IPP)	18x17.076	300	300	0	163	200	300				
32	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	15	90	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	36	56	55	55				
38	Bosila 108 MW (CLC)	HFO	(IPP)	12x8.775+1x3.5	108	108	46	46	54	54				
	Dhaka Zone Total				**6084**	**5848**	**1805**	**2385**	**3674**	**4012**	**580**	**0**		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	41	42	102	102	188		Water Level Low	
40	a) Chattogram ST:Unit -1	Gas	(PDB)	1 x 210	210	180	100	100	150	150	80		Gas Shortage	
	b) Chattogram ST:Unit -2	Gas	(PDB)	1 x 210	210	180	100	100	100	100	80		Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO	(RPCL)	3x8.9	25	25	0	26	25	25				
42	Teknaf Solartech 20MW	Solar	(IPP)	1x20	20	20	18.3	0	20	0				
43	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	0	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	133	131	135	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	32	32	40	40				
48	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	0	90	90	90				
	Juldah 100 MW Unit-3	HFO	(IPP)				90	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	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			2	19	16	30				
52	Chattogram ECPV 108 MW	HFO	(IPP)	16x7.00	108	108	0	54	92	92				
	Chattogram Zone Total				**1661**	**1581**	**538.3**	**840**	**1095**	**1094**	**388**	**225**		
53	a) Ashuganj ST:Unit-3	Gas	(APSCL)	1 x 150	150	135	120	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	100	100	100	100				
54	Ashuganj Engines	Gas	(APSCL)	14x3.968	53	45	37	40	40	40				
55	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	136	184	200	221				
56	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	342	301	360	360				
57	Ashuganj CCPP(North)	Gas	(APSCL)	1x361	360	360	255	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	44	8	40	40				
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	0	0	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)				23	161	190	190			On Test	
65	Feni (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	0	19	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	8	52	52				
69	Summit Power, Cumilla	Gas	(SIPP, REB)	3x3.67+2x6.97	25	25	18	21	22	22				
70	Daudkandi 200 MW	HSD	(IPP)	9x1.4+40x1.515+15x1.09	200	200	0	0	100	200				
**	Tripura		India		160	160	88	114	83	114				
	Cumilla Zone Total				**2601**	**2541**	**1350**	**1483**	**1761**	**1963**	**0**	**163**		
71	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	103	93	105	107				
72	Tangail (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	22	17	22	22				
73	Jamalpur IPP	HFO	(IPP)	12x8.924	95	95	21	78	78	78				
74	Mymensingh 200MW (United)	HFO	(IPP)	21x9.780	200	200	7	140	150	200				
75	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	2	0	2	0				
	Mymensing Zone Total				**530**	**522**	**155**	**328**	**357**	**407**	**0**	**0**		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.12.18 (Yesterday) Actual Peak Generation (MW)		07.12.18 (Today) Probable Peak Generation (MW)		06.12.18 (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	26	27	27	27				
77	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	76	76	76	76				
78	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	50	53	51	51				
79	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
80	Kushiara 163 MW CCPP	Gas	(IPP)	1x109+1x54	163	163	100	130	163	163				
81	Hobiganj (Confidence-EP)	Gas	(SIPP, REB)	4x2.90	11	11	11	8	11	11				
82	Shajibazar GT:Unit-8,9	Gas	(PDB)	2x35	70	66	65	56	66	66				
83	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	275	287	310	310				
84	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	86	86	86	86				
85	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	47	47	50	50				
86	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	76	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	42	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	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**	**938**	**981**	**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	0	0	300	300		410	Was Under Maintenance	
94	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	24	0	30				
95	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	3	60	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	83	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	33	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	590	679	352	696				
	Khulna Zone Total				**2223**	**2209**	**626**	**991**	**1012**	**1496**	**0**	**410**		
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	48	110	110				
103	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	18	26	26	26				
104	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	187	162	190	190				
105	Bhola Agreeko 95 MW	Gas	(QRPP)	1.1x96	95	95	82	97	80	80				
	Barishal Zone Total				**472**	**462**	**287**	**333**	**406**	**436**	**0**	**0**		
106	a) Baghabari GT	Gas	(PDB)	1 x 71	71	71	65	71	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	0	0	50				
108	Bera Peaking	HFO	(PDB)	9x8.29	71	71	0	0	0	48				
109	Amnura	HFO	(QRPP)	7x7.79	50	50	25	50	50	50				
110	Chapainawabganj-100 MW	HFO	(PDB)	12x8.924	104	104	0	60	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	40	0	40				
114	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	181	178	197	197				
115	Sirajganj CCPP 2	HSD	(NWPGCL)	1x150 + 1x75	220	220	0	0	0	0				
116	Sirajgonj CCPP-3 GT	Gas	(NWPGCL)	1x141	141	141	3	232	241	241				
117	Sirajgonj Unit-4 GT(Gas)	Gas	(IPP)	1x282	282	282	300	240	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	52	52	52	52				
	Rajshahi Zone Total				**1556**	**1546**	**661**	**961**	**798**	**968**	**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	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	150	150	150	186	209	85		
	Sub-total: Plants in operation				**17285**	**16742**	**6510**	**8452**	**10322**	**11661**	**1277**	**1224**		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							**6086**	**7901**	**9649**	**10901**				
(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**	**6510**	**8452**	**10322**	**11661**	**1277**	**1224**		

(C)	Actual data of 06.12.18 (Yesterday) Thursday :												
01.	Max. Demand (Generation end)	:	8452.00	MW, at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	7901.00	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)	:	8452.00	MW, at =	19:00 hrs								
04.	Minimum Generation (Generation end)	:	4940.00	MW, at =	5:00 hrs	Dhaka	3013	3013	0	Mymensingh	567	567	0
05.	Day-peak Generation (Generation end)	:	6510.30	MW, at =	12:00 hrs	Chattogram	840	840	0	Sylhet	316	316	0
06.	Evening-peak Generation (Generation end)	:	8452.00	MW, at =	19:00 hrs	Khulna	959	959	0	Barishal	194	194	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:00 hrs	Rajshahi	809	809	0	Rangpur	528	528	0
08.	Generation shortfall at evening peak due to :					Cumilla	675	675	0	Total	7901	7901	0
	a) Gas limitation	:	880	MW		12.	Fuel cost :	(a) Gas =	83915790	Taka	(c) Coal =	14099422	Taka
	b) Low water level in Kaptai lake	:	188	MW				(b) Oil =	102367524	Taka	Total =	200382737	Taka
	c) Plants under shut down/ maintenance	:	1224	MW		13.	Maximum Temperature in Dhaka was :		27.5° C				
09.	Total Energy (Generation + India Import)	:	154.13	MKWh		14.	Export through East-West interconnections :						
	By Gas = 119.780 MKWH		By Oil =	14.933 MKWh			At evening peak-hour	:	-320	MW, at	19:00 hrs		
	By Coal = 3.653 MKWH		By Hydro =	1.003 MKWh			Maximum	:	-500	MW, at	21:00 hrs		
	By Solar= 0.097 MKWH												
10.	Total Gas Supplied	:	1021.85	MMCFD			Energy	:	2.6830	MKWh			

(D)	Forecast of 07.12.18 (Today) Friday :								
01.	Maximum Demand	:	7600	MW	(Generation end)	04.	Maximum Load-shed	:	0 MW
02.	Maximum Generation	:	11661	MW	(Generation end)	05.	Total Generation	:	138.60 MKWh
03.	Maximum Shortage	:	-4061	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :		26.1° 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