



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month: December, 2018					Day : Sunday				Date : 09.12.18				
Probable Maximum Demand : 8500 MW					Probable Maximum Generation : 11655 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 99.89 ft		Today = 99.84 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)	08.12.18 (Yesterday)		09.12.18 (Today)		08.12.18 (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	37	37	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	320	380	380	380				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	12	101	101	101				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	40	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	336	366	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	380	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	378	385	412	412				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	62	55	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 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	0	0	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	102	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	51	49	55	55				
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	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	25	51	43	43				
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	115	115				
29	Kathpott 52 MW	HFO (IPP)	7x7.90	51	51	0	47	48	48				
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	54	54	54				
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	0	200	300				
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	149	149				
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	200	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	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	0	46	46	46				
Dhaka Zone Total				6084	5848	1753	2338	3748	4086	580	0		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	45	44	104	104	186		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	150	130	130	130	50	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	19.9	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	130	130	130	130				
46	Shikalbaha 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	Shikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	45	50	50				
48	Julda (Acomr)	HFO (QRPP)	8x13.45	100	100	0	24	90	90				
	Juldah 100 MW Unit-3	HFO (IPP)				0	100	100	100		On Test		
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	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	20	22	22	22				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	33	13	13				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	52	92	92				
Chattogram Zone Total				1661	1581	457.9	723	964	944	456	225		
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	120	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	90	135	100	135				
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	10	40	40	40				
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	206	185	221	221				
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	312	300	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	45	45	45				
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	7	51	51	51				
	Midland 150MW	HFO (IPP)				0	0	0	0		On Test		
62	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	6	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)				34	160	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	8	33	33	33				
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	18	22	22				
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200				
**	Tripura	India		160	160	76	112	83	112				
Cumilla Zone Total				2601	2541	1142	1529	1807	2021	0	163		
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	161	146	150	150				
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	80	78	78				
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	70	150	200				
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	2	0				
Mymensingh Zone Total				530	522	190	318	402	450	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.12.18 (Yesterday)		09.12.18 (Today)		08.12.18 (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	26	27	60	60				
77	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	76	70	70	70				
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	53	51	51				
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	50	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	51	69	66	66				
83	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	285	267	269	269				
84	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	86	86	86				
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	10	48	50	50				
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	78	92	130	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	48	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)				140	0	0	0			On Test	
Sylhet Zone Total				1594	1549	831	986	1085	1085	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 (NWP/GCL)	1 x 278+1 x 132	410	410	302	305	300	300				
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	6	0	30				
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	50	0	80				
96	Khulna CCPP	HSD (NWP/GCL)	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	396	684	598	696				
Khulna Zone Total				2223	2209	698	1190	1258	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	64	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	27	27	27				
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	185	161	190	190				
105	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	12	98	95	95				
Barishal Zone Total				472	462	214	350	422	452	0	0		
106	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	50	60	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	50	0	50				
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	42				
109	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	51	90	90				
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	31	0	31				
114	Sirajganj CCPP 1	Gas (NWP/GCL)	1x150+1x75	210	210	113	214	210	210				
115	Sirajganj CCPP 2	HSD (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	0				
116	Sirajganj CCPP-3 GT	Gas (NWP/GCL)	1x141	141	141	169	220	220	220				
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	0	52	52	52				
Rajshahi Zone Total				1556	1546	364	766	780	935	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	5799	8350	10616	11655	1345	814		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5468	7874	10011	10991				
(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	5799	8350	10616	11655	1345	814		
(C) Actual data of 08.12.18 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	8350.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	7874.00	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)	:	8350.00	MW, at = 19:00 hrs		Dhaka	2942	2942	0	Mymensingh	524	524	0
04.	Minimum Generation (Generation end)	:	4476.00	MW, at = 5:00 hrs		Chattogram	884	884	0	Sylhet	320	320	0
05.	Day-peak Generation (Generation end)	:	5798.90	MW, at = 12:00 hrs		Khulna	976	976	0	Barishal	196	196	0
06.	Evening-peak Generation (Generation end)	:	8350.00	MW, at = 19:00 hrs		Rajshahi	823	823	0	Rangpur	533	533	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Cumilla	676	676	0	Total	7874	7874	0
08.	Generation shortfall at evening peak due to :				12.	Fuel cost :	(a) Gas = 83020431 Taka		(c) Coal = 14185886 Taka		Taka		
	a) Gas limitation	:	950	MW		(b) Oil = 72624703 Taka	Total = 169831020 Taka						
	b) Low water level in Kaptai lake	:	186	MW	13.	Maximum Temperature in Dhaka was : 27.4° C							
	c) Plants under shut down/ maintenance	:	814	MW	14.	Export through East-West interconnections :							
09.	Total Energy (Generation + India Import)	:	143.99	MKWh		At evening peak-hour : -320 MW, at 19:00 hrs							
	By Gas = 116.874 MKWH	By Oil =	9.897	MKWh		Maximum : -600 MW, at 8:00 hrs							
	By Coal = 3.675 MKWH	By Hydro =	1.065	MKWh									
	By Solar= 0.109 MKWH												
10.	Total Gas Supplied	:	990.22	MMCFD		Energy : 3.0410 MKWh							
(D) Forecast of 09.12.18 (Today) Sunday :													
01.	Maximum Demand	:	8500	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	11655	MW (Generation end)	05.	Total Generation : 146.57 MKWh							
03.	Maximum Shortage	:	-3155	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 25.9° C							

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

(MONIRUZAMAN)  
Deputy Secretary, Generation