



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month: December, 2018					Day : Wednesday				Date : 05.12.18				
Probable Maximum Demand : 8800 MW					Probable Maximum Generation : 11487 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 100.12 ft		Today = 100.05 ft		Rule Curve = 105.60 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.12.18 (Yesterday)		05.12.18 (Today)		04.12.18 (Yesterday)		05.12.18 (Today)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :				
					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	30	30	30	30				
	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	140	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	200	340	330	330				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	0	0				
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	360	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	430	400	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	370	364	245	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 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	7	0	100	100				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	35	100	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55				
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	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	47	49	49	49				
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	8	25	25	25				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	8	51	51	51				
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	1	0	133	133				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	40	48	48				
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54				
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	152	300	300				
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	15	47	149	149				
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	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	36	55	55				
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	55	55	55				
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	47	47	47				
Dhaka Zone Total				6084	5848	1756	2334	3640	3907	580	0		
39	Kaptai Hydro-Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	40	102	102	190		Water Level Low	
40	a) Chattogram ST-Unit-1	Gas (PDB)	1 x 210	210	180	130	140	150	150	40		Gas Shortage	
	b) Chattogram ST-Unit-2	Gas (PDB)	1 x 210	210	180	100	130	0	0	50		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	0	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	148	130	0	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	08.12.18
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	40	40	40				
48	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	50	90	90				
	Juldah 100 MW Unit-3	HFO (IPP)				74	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	0	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			5	10	14	14				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	6	55	92	92				
Chattogram Zone Total				1661	1581	557	860	858	968	320	225		
53	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	120	100	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)	1x142+1*75	221	221	202	181	221	221				
56	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	334	305	360	360				
57	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	260	265	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	45	8	8	8				
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	15	51	51	51				
	Midland 150MW	HFO (IPP)				0	0	0	0			On Test	
62	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	40	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	100	100				
	Chandpur Desh 200MW	HFO (IPP)				80	186	190	190			On Test	
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	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	0	33	33	33				
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	25	52	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+15x1.05	200	200	0	0	200	200				
**	Tripura	India		160	160	92	118	90	117				
Cumilla Zone Total				2601	2541	1380	1556	1957	2034	0	0		
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	129	118	112	112				
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	78	78	78				
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	100	200	200				
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.6	0	2	0				
Mymensingh Zone Total				530	522	159.6	318	414	412	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.12.18 (Yesterday)		05.12.18 (Today)		04.12.18 (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	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	31	53	51	51				
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	25	50	44	44				
80	Kushiera 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	11	11	11				
82	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	64	41	66	66				
83	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	300	308	310	310				
84	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	86	86	86				
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	49	50	50				
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	100	80	130	130				
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	20	20	20				
88	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	41	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	0	25	0	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	851	1014	1094	1119	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	0	0	0	0				
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	30	0	30				
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	60	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	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	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	568	687	598	696				
Khulna Zone Total				2223	2209	568	1005	958	1196	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	48	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	13	26	26	26				
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	185	188	190	190				
105	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	42	79	80	80				
Barishal Zone Total				472	462	240	341	406	436	0	0		
106	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	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	0	0	50				
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	48				
109	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	51	100	100				
111	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	30				
112	Katakhal (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 (NWP/GCL)	1x150+1x75	210	210	197	184	197	197				
115	Sirajganj CCPP 2	HSD (NWP/GCL)	1x150 + 1x75	220	220	192	187	220	220				
116	Sirajganj CCPP-3 GT	Gas (NWP/GCL)	1x141	141	141	0	0	0	0				
117	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	250	293	292	292				
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	0	11	11	11				
121	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	16	52	52	52				
Rajshahi Zone Total				1556	1546	749	957	1069	1229	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	0	0	18				
125	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18				
Rangpur Zone Total				564	484	150	149	150	186	210	85		
Sub-total: Plants in operation						17285	16742	6411	8534	10546	11487	1210	651
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5934	7899	9761	10632				
(B) List of Contract Expired Power Plants :													
126	Khulna (Agreko) 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		
Gross Total				17340	16742	6411	8534	10546	11487	1210	651		
(C) Actual data of 04.12.18 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	8534.00	MW,	at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	7899.00	MW,	at = 19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8534.00	MW,	at = 19:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	4933.00	MW,	at = 5:00 hrs	Dhaka	3001	3001	0	Mymensingh	572	572	0
05.	Day-peak Generation (Generation end)	:	6410.60	MW,	at = 12:00 hrs	Chattogram	849	849	0	Sylhet	303	303	0
06.	Evening-peak Generation (Generation end)	:	8534.00	MW,	at = 19:00 hrs	Khulna	956	956	0	Barishal	200	200	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 19:00 hrs	Rajshahi	819	819	0	Rangpur	523	523	0
08.	Generation shortfall at evening peak due to :					Cumilla	676	676	0	Total	7899	7899	0
	a) Gas limitation	:	810	MW		12.	Fuel cost :	(a) Gas = 85497172 Taka	(c) Coal = 14139566 Taka				
	b) Low water level in Kaptai lake	:	190	MW			(b) Oil = 85062832 Taka	Total = 184699570 Taka					
	c) Plants under shut down/ maintenance	:	651	MW		13.	Maximum Temperature in Dhaka was : 28.3° C						
09.	Total Energy (Generation + India Import)	:	152.73	MKWh		14.	Export through East-West interconnections :						
	By Gas = 120.146 MKWH	By Oil =	12.503	MKWh			At evening peak-hour : -350 MW, at 19:00 hrs						
	By Coal = 3.663 MKWH	By Hydro =	0.955	MKWh			Maximum : -500 MW, at 8:00 hrs						
	By Solar= 0.127 MKWH												
10.	Total Gas Supplied	:	1029.50	MMCFD			Energy : 2.5730 MKWh						
(D) Forecast of 05.12.18 (Today) Wednesday :													
01.	Maximum Demand	:	8800	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	11487	MW	(Generation end)	05.	Total Generation : 157.49 MKWh						
03.	Maximum Shortage	:	-2687	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 24.6° C						

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

(MONIRUZAMAN)  
Deputy Secretary, Generation