



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: December, 2018				Day : Thursday				Date : 06.12.18							
Probable Maximum Demand : 8600 MW				Probable Maximum Generation : 11667 MW											
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 100.05 ft				Today = 100.02 ft				Rule Curve = 105.55 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.12.18 (Yesterday)		06.12.18 (Today)		06.12.18 (Yesterday)		06.12.18 (Today)		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	37	37						
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	30	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 CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	300	300	300						
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	71	98	98						
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 CCGP	Gas (IPP)	1x235+1x125	360	360	358	360	360	360						
9	Meghnaghat CCGP	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 CCGP	Gas (EGCB)	1x273+1x139	412	412	25	365	412	412						
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0						
13	Siddhirganj CCGP-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 CCGP (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	71	100	100						
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	42	42	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	19	22	22	22						
24	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	49	49	49	49						
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33						
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	16	17	25	25						
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	49	51	51	51						
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	133	133						
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	46	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	193	300	300						
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	31	50	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	17	55	55						
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	37	55	55	55						
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	46	54	54	54						
Dhaka Zone Total				6084	5848	1525	2389	3852	3952	580	0				
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	43	43	102	102	187			Water Level Low		
40	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	150	150	150	150	30			Gas Shortage		
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	0	80	100	100	100			Gas Shortage		
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	17	25	25	25						
42	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.7	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	130	140	140						
46	Shikalbaha 225 MW CCGP (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	40	40	40	40						
48	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	78	40	90	90						
	Juldah 100 MW Unit-3	HFO (IPP)				64	90	100	100				On Test		
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	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			2	29	14	14						
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	59	46	92	92						
Chattogram Zone Total				1661	1581	544.7	796	1098	1078	357	225				
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	100	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	40	40	40	40						
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	182	191	221	221						
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	338	360	360	360						
57	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	260	250	265	265						
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	3	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	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 (Aggreco)	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 CCGP	Gas (PDB)	1X106+1x57	163	163	0	80	100	100						
	Chandpur Desh 200MW	HFO (IPP)				130	177	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	25	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+15x1.05	200	200	0	0	200	200						
**	Tripura	India		160	160	88	120	94	117						
Cumilla Zone Total				2601	2541	1468	1661	1993	2066	0	0				
71	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	103	105	105	105						
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22						
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	7	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	0.7	0	2	0						
Mymensingh Zone Total				530	522	139.7	305	407	405	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)		06.12.18 (Today)		06.12.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
						Day	Evening	Day	Evening				
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	53	53	51	51				
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
80	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	100	163	163				
81	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
82	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	53	65	66	66				
83	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	308	262	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	48	50	50				
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	98	79	130	130				
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	20	20				
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	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	1068	959	1119	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	410	Under Maintenance	12.12.18	
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	0	0	30				
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	20	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	49	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	0	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	686	598	696				
Khulna Zone Total				2223	2209	630	860	958	1196	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	181	188	190	190				
105	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	44	96	80	80				
Barishal Zone Total				472	462	243	358	406	436	0	0		
106	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	60	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	50	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	39	0	32				
114	Sirajganj CCPP 1	Gas (NWP/GCL)	1x150+1x75	210	210	187	191	197	197				
115	Sirajganj CCPP 2	HSD (NWP/GCL)	1x150 + 1x75	220	220	179	191	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	300	299	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	8	11	11	11				
121	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	43	52	52	52				
Rajshahi Zone Total				1556	1546	854	981	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	6622	8458	11052	11667	1247	1061
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6150	7855	10264	10835				
(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	6622	8458	11052	11667	1247	1061		
(C) Actual data of 06.12.18 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	8458.00	MW, at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	7855.00	MW, at = 19:30 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	8458.00	MW, at = 19:30 hrs		Dhaka	2976	2976	0	Mymensingh	567	567	0
04.	Minimum Generation (Generation end)	:	5000.00	MW, at = 5:00 hrs		Chattogram	866	866	0	Sylhet	306	306	0
05.	Day-peak Generation (Generation end)	:	6622.40	MW, at = 12:00 hrs		Khulna	936	936	0	Barishal	197	197	0
06.	Evening-peak Generation (Generation end)	:	8458.00	MW, at = 19:30 hrs		Rajshahi	794	794	0	Rangpur	509	509	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs		Cumilla	704	704	0	Total	7855	7855	0
08.	Generation shortfall at evening peak due to :					12.	Fuel cost :		(a) Gas = 82487787 Taka	(c) Coal = 14141882 Taka			
	a) Gas limitation	:	850	MW			(b) Oil = 108523097 Taka		Total = 205152767 Taka				
	b) Low water level in Kaptai lake	:	187	MW									
	c) Plants under shut down/ maintenance	:	1061	MW									
09.	Total Energy (Generation + India Import)	:	154.45	MKWh	13.	Maximum Temperature in Dhaka was : 28.2° C							
	By Gas = 118.072 MKWH	By Oil = 16.555 MKWh			14.	Export through East-West interconnections :							
	By Coal = 3.664 MKWH	By Hydro = 0.928 MKWh				At evening peak-hour		:	-340	MW, at 19:30 hrs			
	By Solar= 0.128 MKWH					Maximum		:	-500	MW, at 8:00 hrs			
10.	Total Gas Supplied	:	1031.46	MMCFD		Energy		:	2.5730	MKWh			
(D) Forecast of 06.12.18 (Today) Thursday :													
01.	Maximum Demand	:	8600	MW (Generation end)	04.	Maximum Load-shed		:	0	MW At evening peak (Sub-station end)			
02.	Maximum Generation	:	11667	MW (Generation end)	05.	Total Generation		:	157.04	MKWh			
03.	Maximum Shortage	:	-3067	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 25.5° C							

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

(MONIRUZAMAN)
Deputy Secretary, Generation