



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: December, 2018				Day : Tuesday				Date : 04.12.18				
Probable Maximum Demand : 8600 MW				Probable Maximum Generation : 11670 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 100.16 ft		Today = 100.12 ft		Rule Curve = 106.10 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.12.18 (Yesterday)		04.12.18 (Today)		03.12.18 (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	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	100	175	120	120		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	0	200	250	250			
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	355	360	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	395	369	370	370			
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	14	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	50	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	2	48	100	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	30	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	2	64	102	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	19	19			
24	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	25	41	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	16	16	25	25			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	16	51	51	51			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	16	133	133			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	30	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	42	300	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	63	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	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	36	55	55	55			
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	46	46	46	46			
Dhaka Zone Total				6084	5848	1646	2346	3801	3901	580	0	
39	Kaptai Hydro-Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	42	102	102	188		Water Level Low
40	a) Chattogram ST-Unit-1	Gas (PDB)	1 x 210	210	180	130	150	150	150	30	Gas Shortage	
	b) Chattogram ST-Unit-2	Gas (PDB)	1 x 210	210	180	150	120	120	120	60	Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	16	25	25			
42	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	17.9	0	20	0			
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	0	0	0			
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	147	130	150	150			
46	Shikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0		225	Under Maintenance
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	40	40	40			08.12.18
48	Julda (Acomr)	HFO (QRPP)	8x13.45	100	100	0	50	90	90			
	Juldah 100 MW Unit-3	HFO (IPP)				83	100	14	100		On Test	
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	53	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	19	22	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	27	19	27			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	6	33	92	92			
Chattogram Zone Total				1661	1581	635.9	783	997	1071	318	225	
53	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	100	100	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	100	120	135	135			
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	199	189	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	356	323	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x360	360	360	260	270	270	270			
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	73	8	8	8			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	10	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 CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	0	100			
	Chandpur Desh 200MW	HFO (IPP)				43	180	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	0	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	0	52	52			
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	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	88	116	90	119			
Cumilla Zone Total				2601	2541	1569	1633	1917	2096	0	0	
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	111	112	148	148			
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	22	22			
73	Jamulpur IPP	HFO (IPP)	12x8.924	95	95	22	78	80	80			
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	60	110	200	200			
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.5	0	2	0			
Mymensingh Zone Total				530	522	211.5	320	452	450	0	0	

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.12.18 (Yesterday)		04.12.18 (Today)		03.12.18 (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	26	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	52	53	51	51								
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	35	44	44								
80	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	163	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	63	67	66	66								
83	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	288	298	305	305								
84	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	86	86	86	86								
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	48	50	50								
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	137	130	130								
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20								
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	0	24	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	909	1082	1089	1114	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	29	0	30								
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	0	0	75								
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	32	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	105	105	105		On Test						
**	Bheramara HVDC Interconnector	India		1000	1000	456	681	692	692								
Khulna Zone Total				2223	2209	496	887	1052	1187	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	32	110	110								
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	11	26	26	26								
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	183	188	187	187								
105	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	84	80	80	80								
Barishal Zone Total				472	462	278	326	403	433	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	17	0	50								
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	48								
109	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50								
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	0	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	0	0	37								
114	Sirajganj CCPP 1	Gas (NWP/GCL)	1x150+1x75	210	210	202	186	197	197								
115	Sirajganj CCPP 2	HSD (NWP/GCL)	1x150 + 1x75	220	220	204	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	0	291	290	290								
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	0	5								
120	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	8	11								
121	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52								
Rajshahi Zone Total				1556	1546	553	891	1059	1232	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	6448	8418	10920	11670	1207	651						
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6006	7841	10172	10870								
(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	6448	8418	10920	11670	1207	651						
(C) Actual data of 03.12.18 (Yesterday) Monday :																	
01.	Max. Demand (Generation end)	:	8418.00	MW,	at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :										
02.	Max. Demand (Sub-station end)	:	7841.00	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)	:	8418.00	MW,	at = 19:00 hrs	Dhaka	3025	3025	0	Mymensingh	533	533	0				
04.	Minimum Generation (Generation end)	:	4961.00	MW,	at = 5:00 hrs	Chattogram	845	845	0	Sylhet	314	314	0				
05.	Day-peak Generation (Generation end)	:	6448.40	MW,	at = 12:00 hrs	Khulna	941	941	0	Barishal	179	179	0				
06.	Evening-peak Generation (Generation end)	:	8418.00	MW,	at = 19:00 hrs	Rajshahi	799	799	0	Rangpur	515	515	0				
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 19:00 hrs	Cumilla	690	690	0	Total	7841	7841	0				
08.	Generation shortfall at evening peak due to :					12.	Fuel cost :	(a) Gas = 89852872 Taka	(c) Coal = 14183956 Taka								
	a) Gas limitation	:	810	MW			(b) Oil = 103649524 Taka	Total = 207686353 Taka									
	b) Low water level in Kaptai lake	:	188	MW		13.	Maximum Temperature in Dhaka was : 28.5° C										
	c) Plants under shut down/ maintenance	:	651	MW		14.	Export through East-West interconnections :										
09.	Total Energy (Generation + India Import)	:	154.70	MKWh			At evening peak-hour	:	-440	MW,	at	19:00 hrs					
	By Gas = 121.422 MKWH	By Oil =	15.206	MKWh			Maximum	:	-660	MW,	at	8:00 hrs					
	By Coal = 3.675 MKWH	By Hydro =	0.927	MKWh													
	By Solar= 0.128 MKWH																
10.	Total Gas Supplied	:	1055.66	MMCFD			Energy	:	4.8890	MKWh							
(D) Forecast of 04.12.18 (Today) Tuesday :																	
01.	Maximum Demand	:	8600	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)						
02.	Maximum Generation	:	11670	MW	(Generation end)	05.	Total Generation	:	158.04	MKWh							
03.	Maximum Shortage	:	-3070	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	27.1° C								

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation