



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9531095

Month December, 2019				Day : Monday				Date : 02.12.19				
Probable Maximum Demand : 9000 MW				Probable Maximum Generation : 13839 MW				Rule Curve = 105.91 ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 99.92 ft Today = 99.73 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.12.19 (Yesterday)		02.12.19 (Today)		01.12.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/water/Coal limitation MW			
					Day	Evening	Day	Evening	Machines shut down (MW)	Description/ Remarks	Probable start-up date	
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	35	35	35	35	50	Unit-2 Under Maint.	07.12.19
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	189	229	150	190		On Test	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		On Test	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage	
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	49	103	100	100	5	Gas Shortage	
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	70	70	78	Gas Shortage	
5	Tongi 80 MW GTTP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage	
6	Haripur GTTP	Gas (PDB)	2 x 32	64	40	0	0	0	0	40	Gas Shortage	
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	360	364	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	425	420	450	450			
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage	
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	367	345	412	412			
11	Siddhirganj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	97	60	100	100	150	Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	231	236	335	104	ST Under Maint.	03.12.2019
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
14	Meghnaghat CCPP(Summit)	Gas (IPP)	2x110+1x110	305	305	0	0	0	0			
15	Meghnaghat 100 MW(IE)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	12	30	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
19	Gagnagar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	0	0	100	100			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22			
21	Summit Power.(Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	52	56	55	55			
22	Maons 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	23	23	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	51	0	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	17	88	90			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	32	0	149	149			
27	Katpodi 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	18	47	48	48			
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	0	0	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	121	200	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	200	300			
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
34	Nababganj 55 MW PP (Southern pc	HFO (IPP)	3x19.3	55	55	0	35	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	17	55	55			
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	67	72	72	72			
Dhaka Zone Total				6047	5811	1856	2257	3733	4274	683	154	
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	95	92	90	90			
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0			
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	90	90	120	120			
39	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	7	4.6	0	5	0			
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25			
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	20.1	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	12	50	50			
43	Sikalbaha 105 MW PP (Baraka Siku	HFO (IPP)	6x18.415	105	105	105	105	105	105			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	145	144	150	150			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	217	203	215	215			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x6.04	300	300	0	0	230	300			
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	10	100	100	100			
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	0	70	100	100			
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	49	100	100			
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
51	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	18	19	19			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			6	8	5	10			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	66	50	100			
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54			
54	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110			
Chattogram Zone Total				2226	2166	711.7	957	1488	1648	0	0	
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	120	120	120	120	15	Gas Shortage	
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	0	0	0	0	129	Gas Shortage	
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	0	0	80	80	134	Gas Shortage	
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	33	37	37	37			
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1775	221	221	200	197	200	200			
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	350	305	360	360			
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0			
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	10	52	55	55			
61	Ashuganj 195MW PP (APSCL-	Gas (IPP)	20'9.73+1'16	195	195	63	180	102	102			
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43	43			
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	120	100	150			
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	5	0	0	50			
65	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	90	80	95	95			
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	70	150	200			
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11			
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	0	50			
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	18	21	21			
72	Dauidkandi 200 MW PP (B Trac)	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
73	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	0	0	0	0			
**	Impopt (Tripura)	India		160	160	92	122	104	133			
Cumilla Zone Total				2927	2867	1087	1410	1533	1962	278	0	
74	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	124	148	160	160			
75	Tangal 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
76	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	8	95	95			
77	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	0	115	115			
78	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	40	200	100	200			
79	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.9	0	1.6	0			
Mymensingh Zone Total				645	637	187.9	378	493.6	592	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.12.19 (Yesterday)		02.12.19 (Today)		01.12.19 (Yesterday)		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
80	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	59	59	60	60				
81	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	60	56	58	58				
82	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	11	53	51	51				
83	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	50	44	44				
84	Kushlaria 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
85	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	8	11	0	11				
86	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	65	69	66	66				
87	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	87	83	0	0				
88	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	10	76	76	76				
89	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	0	0	0	0				
90	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	17	17	20	20				
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	32	40	40	40				
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
93	Shahjahanulla 25 MW PP	Gas (CIIP, REB)	3x9.34	25	25	24	24	24	24				
94	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	315	285	341	341				
95	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	392	366	400	400				
Sylhet Zone Total				1944	1899	1263	1362	1353	1364	0	0		
96	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40				
97	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	340	310	270	270				
98	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	40				
99	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	70				
100	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	200				
101	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	0	0	115				
102	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	80	100				
103	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
104	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	35	0	105				
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	18	0	100				
**	Bheramara (HVDC)	India		1000	1000	291	438	294	443				
Khulna Zone Total				2328	2314	631	841	684	1523	0	0		
106	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
107	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	16	32	70	110				
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	18	24	26	26				
109	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	153	153	180	180				
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	11	95	95				
Barishal Zone Total				472	462	187	220	371	441	0	0		
111	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	60	60	60	11		Gas Shortage	
112	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
113	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	25	0	50				
114	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
115	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45				
116	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	50	50	50				
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	34	80	100				
118	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40				
119	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	42	42				
120	Santhar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	36				
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	203	192	210	210				
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0				
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	210	186	220	220				
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	426	339	400	400				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	14	14	14				
127	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11				
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	0	113	113				
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	107	0	113				
Rajshahi Zone Total				2193	2183	883	1040	1514	1778	111	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Maintenance	21.12.19
132	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Shutdown for Low Demand	
133	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	200	200	210	210				
134	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
135	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	113	113	113				
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
137	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	4.9	0	8	0				
Rangpur Zone Total				685	605	205	313	331	357	0	170		
Sub-total: Plants in operation				19467	18944	7012	8778	11501	13939	1072	324		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6630	8205	10876	13182				
(B) Contract expired power plants													
138	Ashuganj 53MW PP (United)	Gas (QRPP)	14x4.00	53	53	0	0	0	0			Contract expired	
139	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			Contract expired	
Sub-Total: Plants under long term maintenance				103	103	0	0	0	0				
Gross Total				19570	19047	7012	8778	11501	13939	1072	324		
(C) Actual data of 01.12.19 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	8778.00	MW,	at =	19:00 hrs P							
02.	Max. Demand (Sub-station end)	:	8205.00	MW,	at =	19:00 hrs P							
03.	Highest Generation (Generation end)	:	8778.00	MW,	at =	19:00 hrs							
04.	Minimum Generation (Generation end)	:	5630.00	MW,	at =	5:00 hrs							
05.	Day-peak Generation (Generation end)	:	7011.50	MW,	at =	12:00 hrs							
06.	Evening-peak Generation (Generation end)	:	8778.00	MW,	at =	19:00 hrs P							
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs P							
08.	Actual Minimum Generation up to 8:00 hrs.	:	5471.00	MW,	at =	5:00 hrs am							
09.	Generation shortfall at evening peak due to :	:											
	a) Gas limitation	:	1072	MW									
	d) Coal supply Limitation	:	0	MW									
	b) Low water level in Kaptai lake	:	0	MW									
	c) Plants under shut down/ maintenance	:	324	MW									
10.	Total Energy (Generation + India Import)	:	168.25	MKWh									
	By Gas =	141.357	MKWH	By Oil =	10.844	MKWh							
	By Coal =	4.847	MKWH	By Hydro =	2.241	MKWh							
	By Solar =	0.190	MKWH										
11.	Total Gas Supplied	:	1143.38	MMCFD									
(D) Forecast of 02.12.19 (Today) Monday :													
01.	Maximum Demand	:	9000	MW	(Generation end)								
02.	Maximum Generation	:	13939	MW	(Generation end)								
03.	Maximum Shortage	:	-4939	MW	(Generation end)								
04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)								
05.	Total Generation	:	172.51	MKWh									
06.	Probable Max. Temperature in Dhaka :	:	25.7° C										

* Captive Power ** Imported Power

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(MONIRUZZAMAN)
Deputy Secretary, Generation