



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564867, 9551095

Month December, 2019		Day : Sunday						Date : 01.12.19				
Probable Maximum Demand :		9100 MW		Yesterday = 9922 ft		Today = 99.83 ft		13747 MW		Rule Curve = 106.00 ft.		
Water Level of Kaptai Lake at 06:00 AM												
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.11.19 (Yesterday)		01.12.19 (Today)		30.11.19 (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
(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	154	188	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	260	260	0	0			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	100	100	108	Gas Shortage	
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78	Gas Shortage	
5	Tongi 80 MW GTPP	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	335	362	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	450	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	379	347	412	412			
11	Siddhirganj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	60	85	100	100	125	Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335	Under Maint.	02.12.2019
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	40	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	120	120			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	0	50	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	0	39	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	10	100	100			
19	Gangnar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	0	7	100	100			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	22	22			
21	Summit Power.(Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+6x7.73	80	80	55	56	55	55			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	17	32	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	8	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	34	88	90			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149			
27	Katpoti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	6	47	48	48			
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	17	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	111	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)	25x11.4	300	300	0	0	200	300			
32	Bramhanganj 100 MW PP (Aggregate)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
33	Auraha 100MW PP (Aggregate)	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	17	35	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	55	55	55			
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	72	72	72			
Dhaka Zone Total				6047	5811	1743	2392	3547	3989	761	385	
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	95	92	92	92			
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	4.45	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	19.54	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	50	50	50			
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	13	105	105	105			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	145	145	150	150			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	220	203	215	215			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	0	0	230	300			
47	Juldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	100	100	100			
48	Juldah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	0	100	100	100			
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	50	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	19	19	19			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	8	5	10			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	60	50	100			
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	53	54	54			
54	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110			
Chattogram Zone Total				2226	2166	608.99	1075	1490	1650	0	0	
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	100	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	80	80	80	54	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+1x75	221	221	199	196	200	200			
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	330	320	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)	15x4	55	55	52	52	55	55			
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20x9.73+1x16	195	195	63	63	68	68			
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	100	100	150			
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
65	Chandpur 150 MW CCPP	Gas (PDB)	1x106+1x57	163	163	50	80	95	95			
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	200	200	150	200			
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22			
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11			
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	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	20	21	21	21			
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
	Feni Lanka Power	HFO (IPP)	7x18.415+1x9.78			0	0	0	0			On test
**	Impoort (Tripura)	India		160	160	0	110	105	134			
Cumilla Zone Total				2813	2753	1090	1488	1500	1929	198	0	
73	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	145	147	160	160			
74	Tangal 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
75	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	100	72	95	95			
76	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	0	115	115			
77	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	100	100	200			
78	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.8	0	1.6	0			
Mymensingh Zone Total				645	637	268.8	341	493.6	592	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.11.19 (Yesterday)		01.12.19 (Today)		30.11.19 (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)			
79	Fenchugonj CCPP Phase-1	Gas (PDB)	2x22+1x33	97	70	30	58	60	60				
80	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	60	62	58	58				
81	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	5	53	51	51				
82	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	44	44				
83	Kushiera 163 MW CCPP (KP)	Gas (IPP)	1x109-1x54	163	163	163	163	163	163				
84	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	0	5	0	11				
85	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	67	66	66				
86	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	169	156	0	0				
87	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	5	79	76	76				
88	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
89	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	0	0	0	0				
90	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	17	17	20	20				
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	38	37	40	40				
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
93	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x3.34	25	25	0	24	24	24				
94	Bibiaina-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	320	285	341	341				
95	Bibiaina-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	397	367	400	400				
Sylhet Zone Total					1994	1949	1324	1433	1353	1364	0	0	
96	Bheramara GTTP 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	355	305	375	410				
98	Faridpur 50 MW Peaking PP	HFO (PDB)	6x6.98	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 (Oron rupsha)	HFO (IPP)	6x18.445	105	105	17	35	0	105				
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	17	0	100				
**	Bheramara (HVDC)	India		1000	1000	188	438	294	443				
Khulna Zone Total					2328	2314	560	835	789	1663	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	64	32	70	110				
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	17	25	26	26				
109	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	153	153	153	153				
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	11	95	95				
Barishal Zone Total					472	462	234	221	344	414	0	0	
111	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	71	71		Gas Shortage	
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
112	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50				
113	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
114	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45				
115	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	50	50	50				
116	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	80	100				
117	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40				
118	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	42	42				
119	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	36				
120	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	205	200	210	210				
121	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0				
122	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	190	182	220	220				
123	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	397	365	400	400				
124	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
125	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	14	14	14				
126	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	10	11	11	11				
127	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
128	Confidence Power Bogura	HFO (IPP)	6*18.55			0	0	113	113			On Test	
	Bogura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	0	110	0	113				
Rajshahi Zone Total					2080	2070	838	954	1454	1789	171	0	
129	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0			Under Maintenance	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0			21.12.19	
130	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	200	200	210	210			Shutdown for Low Demand	
131	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
132	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	50	113	113				
133	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
134	Majpara, Tabula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	4.1	0	8	0				
Rangpur Zone Total					685	605	204	250	331	357	0	170	
Sub-total: Plants in operation					19290	18767	6871	8989	11302	13747	1130	555	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							6454	8340	10615	12912			
(B) Contract expired power plants													
135	Ashuganj 53MW PP (United)	Gas (QRPP)	14x4.00	53	53	0	0	0	0			Contract expired	
136	Brahmanbaria 85 MW PP (Aggreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			Contract expired	
Sub-Total: Plants under long term maintenance					138	138	0	0	0	0			
Gross Total					19428	18905	6871	8989	11302	13747	1130	555	
(C) Actual data of 30.11.19 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	8989.00	MW, at =	19:00 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	8340.00	MW, at =	19:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8989.00	MW, at =	19:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	5433.00	MW, at =	5:00 hrs	Dhaka	3318	3318	0	Mymensingh	637	637	0
05.	Day-peak Generation (Generation end)	:	6870.89	MW, at =	12:00 hrs	Chattogram	941	941	0	Sylhet	342	342	0
06.	Evening-peak Generation (Generation end)	:	8989.00	MW, at =	19:00 hrs	Khulna	978	978	0	Barishal	228	228	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:00 hrs P	Rajshahi	978	978	0	Rangpur	228	228	0
08.	Actual Minimum Generation up to 8.00 hrs.	:	5630.00	MW, at =	5:00 hrs am	Comilla	690	690	0				
09.	Generation shortfall at evening peak due to :	:								Total	8340	8340	0
	a) Gas limitation	:	1130	MW		13.	Fuel cost :	(a) Gas = 128664273	Taka	(c) Coal = 19995601	Taka		
	d) Coal supply Limitation	:	0	MW			(b) Oil = 113529908	Taka		Total = 148659874	Taka		
	e) Low water level in Kaptaai lake	:	0	MW									
	c) Plants under shut down/ maintenance	:	555	MW		14.	Maximum Temperature in Dhaka was :	30.9° C					
10.	Total Energy (Generation + India Import)	:	166.45	MKWh		15.	Export through East-West interconnections :						
	By Gas = 141.071	MKWh		By Oil = 11.844	MKWh		At evening peak-hour	:	-410	MW, at 19:00 hrs PM			
	By Coal = 4.889	MKWh		By Hydro = 2.152	MKWh		Maximum	:	-416	MW, at 18:30 hrs			
	By Solar = 0.197	MKWh					Energy	:	1.6605	MKWh			
11.	Total Gas Supplied	:	1162.58	MMCFD									
(D) Forecast of 01.12.19 (Today) Sunday :													
01.	Maximum Demand	:	9100	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	13747	MW	(Generation end)	05.	Total Generation	:	168.50	MKWh			
03.	Maximum Shortage	:	-4647	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :		28.4° C				

* Captive Power ** Imported Power
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(MONIRUZAMMAN)
Deputy Secretary, Generation