



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month November, 2019				Day : Saturday				Date : 30.11.19							
Probable Maximum Demand : 9100 MW				Probable Maximum Generation : 14223 MW											
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 100.08 ft				Today = 99.92 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)	29.11.19 (Yesterday)		30.11.19 (Today)		29.11.19 (Yesterday)		30.11.19 (Today)		Status of Machines under shut-down/ Maintenance		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)				
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW						
(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.	02.12.19	
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	94	94	130	130				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	230	260	320	365						
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0	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	330	360	360	360						
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	370	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	372	363	412	412						
11	Siddhirganj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	85	97	100	100	113			Gas Shortage		
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335			Under Maint.	01.12.2019	
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	120	120						
15	Meghnaghat 100 MW(IEI)	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	0	15	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	Narsingdi 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+1x8.73	80	80	37	49	55	55						
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33						
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	28	25	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	Katpali 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	47	48	48						
28	Kamalaghat 54 MW PP (Banco 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	71	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	17	55	55						
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	17	55	55						
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	72	72	72						
Dhaka Zone Total				6047	5811	1614	2066	3747	4194	749	385				
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	96	92	90	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	120	100	120	120						
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.432	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	19.68	0	20	0						
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	6	50	50						
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	0	105	105	105						
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	144	150	150						
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	215	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 (Acom)	HFO (QRPP)	8x13.45	100	100	0	10	100	100						
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	0	0	100	100						
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	17	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			21	35	5	10						
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	10	50	100						
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54						
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110						
Chattogram Zone Total				2226	2166	634.112	741	1488	1650	0	0				
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	100	120	120	35			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	55	100	80	80	34			Gas Shortage		
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	10	37	37	37						
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	181	198	200	200						
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	300	310	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	5	52	55	55						
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	68	68	68	68						
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	0	43	43	43						
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	0	100	150						
64	Titus 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	96	81	95	95						
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	35	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	10	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)	7*18.415+1*9.78			0	0	0	0				On test		
**	Impoport (Tripura)	India		160	160	84	112	113	132						
Cumilla Zone Total				2813	2753	889	1223	1508	1927	198	0				
73	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	151	183	160	160						
74	Tangal 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	0	22						
75	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	16	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	80	100	200						
78	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	1.6	0						
Mymensingh Zone Total				645	637	153.1	301	471.6	592	0	0				

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.11.19 (Yesterday)		30.11.19 (Today)		29.11.19 (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)	2x32+1x33	97	70	60	61	60	60				
80	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	60	56	58	58				
81	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	0	53	51	51				
82	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	0	46	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 (SIPP, REB)	4x2.90	11	11	0	11	0	11				
85	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	67	66	66				
86	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	212	168	212	250				
87	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	5	76	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 GTPP	Gas (PDB)	1 x 20	20	20	0	17	20	20				
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	4	37	40	40				
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	10	0	10				
93	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	24	24	24				
94	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	320	315	341	341				
95	Bibiyan-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	343	364	400	400				
Sylhet Zone Total						1994	1949	1207	1468	1555	1614		
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	300	340	375	410				
98	Fandpur 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	0	40	40				
104	Rupsha 105 MW PP (Oron 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	172	433	190	438				
Khulna Zone Total						2328	2314	472	826	685	1658		
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	16	25	26	26				
109	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	152	170	153	182				
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	95	95				
Barishal Zone Total						472	462	232	227	344	443		
111	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	70	70	71		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	0	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	32	50	50				
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	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	195	207	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	192	213	220	220				
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	300	428	400	400				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	0	22	22	22				
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	14	14	14				
127	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	10	11	11	11				
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
129	Confidence Power Bogura	HFO (IPP)	6*18.55			0	0	113	113			On Test	
130	Bogra 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	0	35	0	113				
Rajshahi Zone Total						2080	2070	697	962	1524	1788		
129	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Maintenance	21.12.19
130	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Shutdown for Low Demand	
131	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	200	200	210	210				
132	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
133	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	35	113	113				
134	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
135	Majpara, Tabulia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	5	0	8	0				
Rangpur Zone Total						685	605	205	235	331	357		
Sub-total: Plants in operation						19290	18767	6103	8049	11654	14223	1118	555
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5793	7520	11061	13500				
(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	6103	8049	11654	14223	1118	555
(C) Actual data of 29.11.19 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	:	8049.00	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)	:	7520.00	MW, at =	19:00 hrs P	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	8049.00	MW, at =	19:00 hrs	Dhaka	2843	2843	0	Mymensingh	608	608	0
04.	Minimum Generation (Generation end)	:	5597.00	MW, at =	9:00 hrs	Chattogram	815	815	0	Sylhet	316	316	0
05.	Day-peak Generation (Generation end)	:	6103.21	MW, at =	12:00 hrs	Rajshahi	907	907	0	Barishal	214	214	0
06.	Evening-peak Generation (Generation end)	:	8049.00	MW, at =	19:00 hrs	Cumilla	696	696	0	Rangpur	214	214	0
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.	:	5433.00	MW, at =	5:00 hrs am								
09.	Generation shortfall at evening peak due to :	:								Total	7520	7520	0
	a) Gas limitation	:	1118	MW		13.	Fuel cost :	(a) Gas = 125742840 Taka	(c) Coal = 19836909 Taka				
	d) Coal supply Limitation	:	0	MW			(b) Oil = 47332595 Taka	Total = 145579749 Taka					
	b) Low water level in Kapta lake	:	0	MW									
	c) Plants under shut down/ maintenance	:	555	MW		14.	Maximum Temperature in Dhaka was :	31.3° C					
10.	Total Energy (Generation + India Import)	:	156.29	MKWh		15.	Export through East-West interconnections :						
	By Gas = 137.261 MKWh			By Oil = 4.824 MKWh			At evening peak-hour	: -233 MW, at 19:00 hrs PM					
	By Coal = 4.850 MKWh			By Hydro = 2.216 MKWh			Maximum	: -315 MW, at 2:00 hrs					
	By Solar = 0.208 MKWh						Energy	: 2.4125 MKWh					
11.	Total Gas Supplied	:	1106.95	MMCFD									
(D) Forecast of 30.11.19 (Today) Saturday :													
01.	Maximum Demand	:	9100	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14223	MW	(Generation end)	05.	Total Generation	:	176.70	MKWh			
03.	Maximum Shortage	:	-5123	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	29.0° C				

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation