



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564867, 9551095

Month November, 2019		Day : Sunday		Date : 24.11.19									
Probable Maximum Demand : 7200 MW		Yesterday = 100.70 ft		Today = 100.64 ft									
Water Level of Kaptai Lake at 06:00 AM		Probable Maximum Generation : 14893 MW		Rule Curve = 106.80 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.11.19 (Yesterday)		24.11.19 (Today)		23.11.19 (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	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.	02.12.19
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0			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	100	100	0	0	90		Gas Shortage	
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	320	360	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	353	363	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	370	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	378	346	412	412				
11	Siddhirganj 210 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0		335	Under Maint.	28.11.2019
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	120	150	150	150				
15	Meghnaghat 100 MW(EL)	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	0	55	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
19	Gangsar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	7	102	100	100				
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	22	22				
21	Summit Power,(Madhadi+Ashulia)	Gas (SIPP, REB)	6x3.67+6x7.73	80	80	45	55	55	55				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	0	28	33	33				
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	32	52	52				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	17	52	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	6	35	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	45	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)	25x1.4	300	300	0	0	200	300				
32	Bramhangan 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	0	55	55				
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	0	55	55				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	24	70	70				
Dhaka Zone Total				6047	5811	1784	2199	3545	3992	746	385		
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	45	85	85				
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	150	130	150				
39	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	7	4.4	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	17.1	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	15	50	50				
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	51	105	105	105				
44	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	80	145	150	150				
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	230	229	215	215				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	0	0	230	300				
47	Jaldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	30	30	100	100				
48	Jaldah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	10	0	100	100				
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	100	100				
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	5	8	0	0				
51	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	19	19	19				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	14	10	15				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	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	589.5	760	1498	1678	0	0		
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	60	80	80	80	55		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	0	0	134		Gas Shortage	
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	3	37	37	37				
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	200	198	200	200				
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	345	294	360	360				
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	355	330	360	360				
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	4	52	55	55				
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	44	36	36				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	0	35	35	35				
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	95	96	120	130				
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	17	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	14	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			115	119	119	119			On test	
**	Impoprt (Tripura)	India		160	160	84	124	116	144				
Cumilla Zone Total				2813	2753	1283	1513	1855	2293	318	0		
73	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	124	159	160	160				
74	Tangal 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22				
75	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	24	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	80	150	100	200				
78	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	1.6	0				
Mymensingh Zone Total				645	637	204	355	493.6	592	0	0		

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.11.19 (Yesterday)		24.11.19 (Today)		23.11.19 (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	0	0	60	60				
80	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	52	52				
81	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	2	53	51	51				
82	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	2	49	44	44				
83	Kushiera 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	0	70	163	163				
84	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
85	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	0	35	66	66				
86	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	268	311	330	330				
87	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	1	80	79	79				
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	0	17	20	20				
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	2	39	40	40				
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10				
93	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	24	24	24				
94	Bibiiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	315	300	341	341				
95	Bibiiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	278	357	400	400				
Sylhet Zone Total				1994	1949	868	1356	1691	1691	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	280	315	375	410				
98	Fardipur 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	0	12	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 MW PP (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	53	0	105				
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	17	0	100				
**	Bheramara (HVDC)	India		1000	1000	444	784	442	787				
Khulna Zone Total				2328	2314	741	1221	937	2007	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	14	25	25	25				
109	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	153	174	153	175				
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	10	95	95				
Barishal Zone Total				472	462	183	241	343	435	0	0		
111	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0				
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	50	0	50	50		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	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40				
118	Katakali 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	214	202	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	194	210	220	220				
123	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	424	433	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	15	14	14	14				
126	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	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	
	Bogra 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	0	0	0	113				
Rajshahi Zone Total				2080	2070	874	992	1454	1768	50	0		
129	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Maintenance	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0				
130	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	200	200	290	290				
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	109	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	5.2	0	8	0				
Rangpur Zone Total				685	605	205	309	411	437	0	85		
Sub-total: Plants in operation				19290	18767	6732	8946	12228	14893	1114	470		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							6381	8197	11590	14004			
(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	6732	8946	12228	14893	1114	470		
(C) Actual data of 23.11.19 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	8827.00	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)	:	8197.00	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)	:	8827.00	MW, at =	19:00 hrs	Dhaka	3223	3223	0	Mymensingh	652	652	0
04.	Minimum Generation (Generation end)	:	5200.00	MW, at =	5:00 hrs	Chattogram	897	897	0	Sylhet	328	328	0
05.	Day-peak Generation (Generation end)	:	6731.70	MW, at =	12:00 hrs	Rajshahi	974	974	0	Barishal	210	210	0
06.	Evening-peak Generation (Generation end)	:	8946.00	MW, at =	19:00 hrs	Khulna	974	974	0	Rangpur	210	210	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:00 hrs P	Curmilla	729	729	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5470.00	MW, at =	5:00 hrs am					Total	8197	8197	0
09.	Generation shortfall at evening peak due to:	:											
a)	Gas limitation	:	1114	MW		13.	Fuel cost:	(a) Gas = 116444816 Taka	(c) Coal = 19995601 Taka				
d)	Coal supply Limitation	:	0	MW			(b) Oil = 63444903 Taka	Total = 136440417 Taka					
d)	Low water level in Kaptaai lake	:	0	MW									
c)	Plants under shut down/ maintenance	:	470	MW		14.	Maximum Temperature in Dhaka was:	28.8° C					
10.	Total Energy (Generation + India Import)	:	162.27	MKWh		15.	Export through East-West interconnections:						
	By Gas =	132.425	MKWh	By Oil =	11.010	MKWh	At evening peak-hour	:	50	MW, at	19:00 hrs PM		
	By Coal =	4.889	MKWh	By Hydro =	1.002	MKWh	Maximum	:	-100	MW, at	8:00 hrs		
	By Solar =	0.170	MKWh				Energy	:	0.6145	MKWh			
11.	Total Gas Supplied	:	1064.57	MMCFD									
(D) Forecast of 24.11.19 (Today) Sunday :													
01.	Maximum Demand	:	7200	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14893	MW	(Generation end)	05.	Total Generation	:	132.36	MKWh			
03.	Maximum Shortage	:	-7693	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka:	:	28° C				

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation