



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564867, 9551095

Month November, 2019		Day : Friday				Date : 29.11.19							
Probable Maximum Demand :		8400 MW		Probable Maximum Generation :		14615 MW		Rule Curve = 106.20 ft.					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 100.21 ft		Today = 100.06 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.11.19 (Yesterday)		29.11.19 (Today)		28.11.19 (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	129	130	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	100	100	190		Gas Shortage	
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	240	240	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	358	361	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	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	385	351	412	412				
11	Siddhirganj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	67	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(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	16	15	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	0	0	100	100				
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	19	22	22				
21	Summit Power,(Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	55	55	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	30	33	33	33				
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	8	51	52	52				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	52	17	88	90				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	48	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	0	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	50	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	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	Nabaganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	30	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	1910	2138	3847	4294	749	385		
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	94	90	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	120	120	120				
39	Kaptai 7 MW Solar PP	Solar (PDB)		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	19.2	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	19	50	50				
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	35	105	105	105				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	144	145	150	150				
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	213	211	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	8	100	100	100				
48	Jaldah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	0	0	100	100				
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	26	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			2	11	5	10				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	50	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	658.6	896	1488	1650	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	0	0	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+1*75	221	221	198	175	200	200				
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	345	330	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	25	50	55	55				
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	73	195	68	68				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	7	43	43	43				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	50	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	97	95	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	21	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	28	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			0	0	0	0			On test	
**	Impoort (Tripura)	India		160	160	100	124	113	143				
Cumilla Zone Total				2813	2753	1069	1376	1428	1858	278	0		
73	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	124	153	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	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	84	170	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	232.1	361	493.6	592	0	0		

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.11.19 (Yesterday)		29.11.19 (Today)		28.11.19 (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	Fenchuganj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	40	60	60	60						
80	Fenchuganj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	44	58	58	58						
81	Fenchuganj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	19	53	51	51						
82	Fenchuganj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	25	50	44	44						
83	Kushiera 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	100	100	163	163						
84	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11						
85	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	67	66	66						
86	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	208	244	212	250						
87	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	40	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	30	39	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)	3x9.34	25	25	8	24	24	24						
94	Bibianna-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	325	315	341	341						
95	Bibianna-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	388	375	400	400						
Sylhet Zone Total					1994	1949	1311	1499	1576	1614	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	325	320	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	0	80						
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	0	53	0	105						
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	17	0	100						
**	Bheramara (HVDC)	India		1000	1000	596	789	603	799						
Khulna Zone Total					2328	2314	921	1219	1098	2019	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	48	70	110						
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	18	26	26	26						
109	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	153	174	153	182						
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	95	95						
Barishal Zone Total					472	462	187	248	344	443	0	0			
111	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	70	70	71		Gas Shortage			
	b) Baghabari 100 MW GTPP	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	50	25	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	204	205	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	214	203	220	220						
123	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	425	432	400	400						
124	Bogura 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22						
125	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	14	14	14						
126	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	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	24	113	113			On Test			
	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	0	108	0	113						
Rajshahi Zone Total					2080	2070	940	1044	1524	1788	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			Shutdown for Low Demand			
130	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	200	200	210	210						
131	Rangpur 20 MW GTPP	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	70	113	113						
133	Saidpur 20 MW GTPP	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	270	331	357	0	170			
Sub-total: Plants in operation					19290	18767	7434	9051	12130	14615	1198	555			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							7072	8496	11539	13903					
(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	7434	9051	12130	14615	1198	555			
(C) Actual data of 28.11.19 (Yesterday) Thursday :															
01.	Max. Demand (Generation end)	:	9051.00	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)	:	8496.00	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)	:	9051.00	MW, at =	19:00 hrs	Dhaka	3438	3438	0	Mymensingh	625	625	0		
04.	Minimum Generation (Generation end)	:	5752.00	MW, at =	5:00 hrs	Chattogram	938	938	0	Sylhet	339	339	0		
05.	Day-peak Generation (Generation end)	:	7433.90	MW, at =	12:00 hrs	Khulna	978	978	0	Barishal	230	230	0		
06.	Evening-peak Generation (Generation end)	:	9051.00	MW, at =	19:00 hrs	Rajshahi	978	978	0	Rangpur	230	230	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:00 hrs P	Curmilla	740	740	0						
08.	Actual Minimum Generation up to 8:00 hrs.	:	5721.63	MW, at =	7:00 hrs am					Total	8496	8496	0		
09.	Generation shortfall at evening peak due to :	:								(a) Gas =	130141830	Taka	(c) Coal =	19939568	Taka
	a) Gas limitation	:	1198	MW						(b) Oil =	89882002	Taka	Total =	150081398	Taka
	d) Coal supply Limitation	:	0	MW											
	e) Low water level in Kaptai lake	:	0	MW											
	c) Plants under shut down/ maintenance	:	555	MW											
10.	Total Energy (Generation + India Import)	:	173.25	MKWh											
	By Gas =	142.270	MKWh	By Oil =	9.445	MKWh									
	By Coal =	4.875	MKWh	By Hydro =	2.155	MKWh									
	By Solar =	0.207	MKWh												
11.	Total Gas Supplied	:	1180.17	MMCFD											
(D) Forecast of 29.11.19 (Today) Friday :															
01.	Maximum Demand	:	8400	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation	:	14615	MW	(Generation end)	05.	Total Generation	:	2.51	MMKWh					
03.	Maximum Shortage	:	-6215	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	29.4° C						

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

(MONIRUZZAMAN)
Deputy Secretary, Generation