



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564867, 9551095

Month November, 2019					Day : Wednesday				Date : 27.11.19				
Probable Maximum Demand : 9100 MW					Probable Maximum Generation : 14594 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 100.50 ft		Today = 100.37 ft		Rule Curve = 106.40 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.11.19 (Yesterday)		27.11.19 (Today)		26.11.19 (Yesterday)		27.11.19 (Today)		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance		
					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	135	135			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	250	250	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 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	333	362	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	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	368	379	412	412				
11	Siddhirganj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	97	105	105	113		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	150	150	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	7	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	7	7	100	100				
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	16	22	22				
21	Summit Power,(Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+1x6.73	80	80	49	30	55	55				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	0	33	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	25	51	52	52				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	52	52	88	90				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149				
27	Katpodi 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	6	46	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	95	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)	256x1.4	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	0	55	55				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	72	70	70				
Dhaka Zone Total					6047	5811	1735	2160	3755	4202	749	385	
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	92	88	93	93				
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	4.399	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	17.22	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	92	105	105				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	124	145	150	150				
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	210	204	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	0	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	0	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	9	10	15				
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	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110				
Chattogram Zone Total					2226	2166	588,619	793	1496	1656	0	0	
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	100	80	80	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	0	0	0	0	134		Gas Shortage	
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	37	37	37	37				
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	200	203	200	200				
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	300	315	360	360				
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	255	340	0	0				
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	50	50	55	55				
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	36	36	36				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	1	25	35	35				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	10	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	88	95	95				
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	52	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	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	17	10	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	119	0			On test	
**	Impoort (Tripura)	India		160	160	100	124	113	143				
Cumilla Zone Total					2813	2753	1165	1456	1467	1778	298	0	
73	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	125	153	160	160				
74	Tangal 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22				
75	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	0	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	60	195	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	206.8	370	493.6	592	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.11.19 (Yesterday)		27.11.19 (Today)		26.11.19 (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	41	59	60	60																	
80	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	50	58	52	52																	
81	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	2	50	51	51																	
82	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	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 (SIPP, REB)	4x2.90	11	11	0	11	11	11																	
85	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	67	66	66																	
86	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	222	90	100	270																	
87	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	5	79	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 GTPP	Gas (PDB)	1 x 20	20	20	0	18	20	20																	
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	34	40	40	40																	
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	10	10	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	310	315	341	341																	
95	Bibiyan-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	394	364	400	400																	
Sylhet Zone Total						1994	1949	1320	1398	1461	1631	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	350	310	375	410																	
98	Fandipur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	6	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 (Orion 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	589	686	599	795																	
Khulna Zone Total						2328	2314	939	1072	1094	2015	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	12	26	25	25																	
109	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	153	183	153	175																	
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	95	95																	
Barishal Zone Total						472	462	181	241	343	435	0	0													
111	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	50	70	70	21				Gas Shortage												
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	60	60	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	25	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	Santhar 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	204	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	208	206	220	220																	
123	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	429	434	400	400																	
124	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	0	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	8	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	100	0	113																	
Rajshahi Zone Total						2080	2070	898	1091	1584	1848	121	0													
129	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0			85		Under Maintenance	21.12.19											
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0			85		Shutdown for Low Demand												
130	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	170	210	290	290																	
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	113	113	113																	
133	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17																	
134	Majpara, Tatalia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	5	0	8	0																	
Rangpur Zone Total						685	605	175	323	411	437	0	170													
Sub-total: Plants in operation						19290	18767	7208	8904	12105	14594	1168	555													
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss																										
						6790	8280	11402	13747																	
(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	7208	8904	12105	14594	1168	555													
(C) Actual data of 26.11.19 (Yesterday) Tuesday :																										
01.	Max. Demand (Generation end)	:	8904.00	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)	:	8280.00	MW, at =	19:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed													
03.	Highest Generation (Generation end)	:	8904.00	MW, at =	19:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW													
04.	Minimum Generation (Generation end)	:	5609.00	MW, at =	5:00 hrs	Dhaka	3196	3196	0	Mymensingh	670	670	0													
05.	Day-peak Generation (Generation end)	:	7208.42	MW, at =	12:00 hrs	Chattogram	896	896	0	Sylhet	338	338	0													
06.	Evening-peak Generation (Generation end)	:	8904.00	MW, at =	19:00 hrs	Khulna	1001	1001	0	Barishal	221	221	0													
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:00 hrs P	Rajshahi	1001	1001	0	Rangpur	221	221	0													
08.	Actual Minimum Generation up to 8:00 hrs.	:	5687.00	MW, at =	5:00 hrs am	Cumilla	736	736	0																	
09.	Generation shortfall at evening peak due to :	:								Total	8280	8280	0													
	a) Gas limitation	:	1168	MW		13.	Fuel cost :	(a) Gas = 124632570 Taka	(c) Coal = 18785370 Taka																	
	d) Coal supply Limitation	:	0	MW			(b) Oil = 70945579 Taka	Total = 143417940 Taka																		
	b) Low water level in Kapta lake	:	0	MW																						
	c) Plants under shut down/ maintenance	:	555	MW		14.	Maximum Temperature in Dhaka was :	29.8° C																		
10.	Total Energy (Generation + India Import)	:	170.26	MKWh		15.	Export through East-West interconnections :																			
	By Gas = 139.164 MKWh			By Oil = 10.330 MKWh			At evening peak-hour	:	8	MW, at	19:00 hrs PM															
	By Coal = 4.593 MKWh			By Hydro = 2.127 MKWh			Maximum	:	-44	MW, at	24:00															
	By Solar= 0.188 MKWh						Energy	:	0.09	MKWh																
11.	Total Gas Supplied	:	1128.54	MMCFD																						
(D) Forecast of 27.11.19 (Today) Wednesday :																										
01.	Maximum Demand	:	9100	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)															
02.	Maximum Generation	:	14594	MW	(Generation end)	05.	Total Generation	:	174.01	MKWh																
03.	Maximum Shortage	:	-5494	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	29.2° C																	