



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month December, 2019			Day : Thursday				Date : 26.12.19						
Probable Maximum Demand :			8600 MW		Probable Maximum Generation : 14709 MW								
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 96.49 ft		Today = 96.39 ft		Rule Curve = 103.60 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.12.19 (Yesterday)		26.12.19 (Today)		25.12.19 (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	34	34	35	35		51	Unit-1 Under Maint.	28.12.19
	b) Ghorasal Repowered CCP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0			On Test	
	c) Ghorasal Repowered CCP Unit-4	Gas (PDB)	1 x 210	210	180	100	101	100	100	79		Gas Shortage(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 CCP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	120	215	250	250				
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	12	0	100	100				
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0				
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage	
6	Haripur GTPP	Gas (PDB)	2 x 32	64	40	0	0	0	0	40		Gas Shortage	
7	Haripur 360MW CCP(HPL)	Gas (IPP)	1x235+1x125	360	360	315	290	360	360				
8	Meghnaghat 450 MW CCP(MPL)	Gas (IPP)	2x140+1x170	450	450	360	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 CCP	Gas (EGCB)	1x273+1x139	412	412	349	352	360	360				
11	Siddhirganj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage	
12	Siddhirganj 335 MW CCP	Gas (EGCB)	1 x 217+1x118	335	335	300	300	335	335				
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	82	100	100				
14	Meghnaghat CCP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0				
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	70	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	10	100	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	16	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	102	102	102				
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	0	22	22				
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	51	57	57	57				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	0	25	33	33				
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	31	31	33	33				
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	52	52				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	17	100	100				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	32	149	149				
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	47	50	50				
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	0	53	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	200	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	100	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300				
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
33	Aurahat 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	0	0	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	0	72	72				
Dhaka Zone Total			6047	5811	1701	2339	3579	4228	739	51			
37	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro (PDB)	2x40, 3x50	230	230	46	44	84	84	186		Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	120	120	120	120				
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	120	120	120	150				
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.3	0	5	0				
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25				
41	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	0	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	8	50	50				
43	Sikalbaha 105 MW PP (Baraka Sik	HFO (IPP)	6x18.415	105	105	0	0	105	105				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	104	144	150	150				
45	Sikalbaha 225 MW CCP	Gas (PDB)	1 x 150+1 x 75	225	225	234	203	215	215				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	0	208	230	300				
47	Juldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	0	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	0	80	100				
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	8	9	0	0				
51	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	21	21				
	* Malanchar Cig.EPZ (United)	Gas	5x8.73+3x9.34			2	15	5	12				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	50	100				
53	Sikalbaha 54 MW Power Plant(Jodioc 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	657.3	990	1584	1796	186	0			
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	120	100	100	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	37	37	30	37				
57	Ashuganj 225 MW CCP	Gas (APSCL)	1x142+1'75	221	221	0	0	0	0				
58	Ashuganj 450 MW CCP(South)	Gas (APSCL)	1x360	360	360	300	280	360	360				
59	Ashuganj 450 MW CCP(North)	Gas (APSCL)	1x361	360	360	305	330	335	360				
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	0	0	0	0				
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20'9.73+1'116	195	195	8	102	150	180				
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	0	100	150				
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50				
65	Chandpur 150 MW CCP	Gas (PDB)	1X106+1x57	163	163	50	89	80	90				
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	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	11	11	11	11				
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	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	14	14	14				
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200				
73	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	0	0	0	114				
	Chowmuhani 113 MW Impoprt (Tripura)	HFO (IPP)	12'9.78+2'3.1	0	0	0	0	0	0				
	** India		160	160	86	100	87	101					
Cumilla Zone Total			2927	2867	989	1181	1515	2115	278	0			
74	RPCL 210MW CCP	Gas (IPP)	4x35+1x70	210	202	131	110	150	160				
75	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
76	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	68	95	95				
77	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	115	100	115				
78	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	32	100	200				
79	Sarishabani 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.9	0	1.6	0				
Mymensingh Zone Total			645	637	153.9	347	468.6	592	0	0			

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.12.19 (Yesterday)		26.12.19 (Today)		25.12.19 (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)			
80	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	60	60	60				
81	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	86	86	85	86				
82	Fenchugonj 51 MW PP (Barakattul)	Gas (RPP)	19x2.90	51	51	45	53	51	51				
83	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	47	44	44				
84	Kushlaha 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	163	163				
85	Hobigari 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11				
86	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	66	68	66	66				
87	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	145	143	160	160				
88	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	76	76	75	79				
89	Sylhet 150 MW CAPP	Gas (PDB)	1x142	142	142	0	0	0	0	142	Under Overhauling	31.01.20	
90	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	17	17	17	17				
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	39	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	24	24	24	24				
94	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	130	90	341	341				
95	Bibiyan-II 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	366	364	400	400				
Sylhet Zone Total					1944	1899	1255	1218	1547	1552	0	142	
96	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40				
97	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	360	320	410	410				
98	Fardipur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	25				
99	Gopalgarj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70				
100	Khulna 225 MW CAPP	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	83	0	115				
102	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	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	0	50	105				
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	50	32	100				
**	Bheramara (HVDC)	India		1000	1000	180	454	311	658				
Khulna Zone Total					2328	2314	540	907	953	1863	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	0	16	70	110				
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	10	20	20	20				
109	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	97	96	95	95				
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	70	65	95	95				
Barishal Zone Total					472	462	177	197	280	350	0	0	
111	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	60	0	60	60	71	Gas Shortage		
111	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	50	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	40	40				
119	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	36				
120	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	187	205	210	210				
121	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220	Gas Shortage		
122	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	189	202	220	220				
123	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	396	398	400	430				
124	Bogra 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	12	14	14	14				
126	Ullapara 11 MW PP (Summit)	Gas (SIIP, 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	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	102	113	113				
129	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	0	113				
Rajshahi Zone Total					2193	2183	874	1054	1512	1806	391	0	
130	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Maintenance	26.12.19	
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	150	240	250	260				
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	100	113	113				
134	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
135	Majpara, Tahula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	4.7	0	8	0				
Rangpur Zone Total					685	605	155	340	371	407	0	170	
Sub-total: Plants in operation					19467	18944	6501.9	8573	11810	14709	1594	363	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					6067	7759	11019	13724					
(B) Contract expired power plants													
136	Ashuganj 53MW PP (United)	Gas (QRPP)	14x4.00	53	53	0	0	0	0		Contract expired		
137	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0		Contract expired		
Sub-Total: Plants under long term maintenance					103	103	0	0	0	0			
Gross Total					19570	19047	6501.9	8573	11810	14709	1594	363	
(C) Actual data of 25.12.19 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	: 8573.00 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)	: 7759.00 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)	: 8573.00 MW, at = 19:00 hrs P	Dhaka	2838	2838	0	Mymensingh	647	647	0			
04.	Minimum Generation (Generation end)	: 4818.00 MW, at = 5:00 hrs	Chattogram	857	857	0	Sylhet	313	313	0			
05.	Day-peak Generation (Generation end)	: 6501.90 MW, at = 12:00 hrs	Khulna	983	983	0	Barishal	222	222	0			
06.	Evening-peak Generation (Generation end)	: 8573.00 MW, at = 19:00 hrs	Rajshahi	983	983	0	Rangpur	222	222	0			
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs P	Cumilla	694	694	0							
08.	Actual Minimum Generation up to 8:00 hrs.	: 4984.00 MW, at = 5:00 hrs am											
09.	Generation shortfall at evening peak due to :												
a)	Gas limitation	: 1408 MW	13.	Fuel cost :									
b)	Coal supply Limitation	: 0 MW		(a) Gas = 130695440 Taka	(c) Coal = 17192724 Taka								
c)	Low water level in Kaptai lake	: 186 MW		(b) Oil = 52097210 Taka	Total = 147888164 Taka								
d)	Plants under shut down/ maintenance	: 363 MW	14.	Maximum Temperature in Dhaka was :		21.1° C							
10.	Total Energy (Generation + India Import)	: 155.35 MKWh	15.	Export through East-West interconnections :									
	By Gas = 136.788 MKWh	By Oil = 5.752 MKWh		At evening peak-hour	: -320 MW, at 19:00 hrs PM								
	By Coal = 4.204 MKWh	By Hydro = 1.067 MKWh		Maximum	: -411 MW, at 21:00 hrs								
	By Solar = 0.146 MKWh			Energy	: 4.544 MKWh								
11.	Total Gas Supplied	: 1109.56 MMCFD											
(D) Forecast of 26.12.19 (Today) Thursday :													
01.	Maximum Demand	: 8600 MW (Generation end)	04.	Maximum Load-shed		: 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 14709 MW (Generation end)	05.	Total Generation		: 155.84 MKWh							
03.	Maximum Shortage	: -6109 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :		22.5° C							

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation