



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: December, 2018					Day : Tuesday				Date : 25.12.18				
Probable Maximum Demand : 8000 MW					Probable Maximum Generation : 11729 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 98.84 ft				Today = 98.84 ft				
					Rule Curve = 103.80 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.12.18 (Yesterday)		25.12.18 (Today)		24.12.18 (Yesterday)		Status of Machines under shut-down/ Maintenance		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)	Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW				
(A) Plants in operation:													
1	a) Ghorasal ST-Unit -1	Gas (PDB)	1 x 55	55	40	38	38	38	38				
	b) Ghorasal ST-Unit -2	Gas (PDB)	1 x 55	55	45	0	0	0	0				
	c) Ghorasal ST-Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170		Gas Shortage	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	260	111	0	0			On Test	
	(e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0				
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	300	380	380				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	12	12	90	101				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	40	40				
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage	
6	Horipur GT- Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	0	0				
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110				
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	360	306	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	420	420	450	450				
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage	
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	345	342	412	412				
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	130	150	155	150	60		Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	155	200	180	230				
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100				
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100				
16	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0				
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	40	100	100				
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	40	100	100				
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	55	55				
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	0	24	102	102				
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22				
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	55	57	58	58				
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25				
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	43	43	43				
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	118	149				
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	48	47	47				
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54				
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	70	300	300				
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	14	69	100	130				
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300				
33	Bramhangao 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
35	Southern Power	HFO (IPP)	3x19.3	55	55	0	17	36	36				
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	55	55	55				
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	24	46	45	47				
Dhaka Zone Total				6034	5798	2358	2537	4108	4427	450	0		
38	Kaptai Hydro-Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	32	31	33	63	199		Water Level Low	
39	a) Chattogram ST-Unit -1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
	b) Chattogram ST-Unit -2	Gas (PDB)	1 x 210	210	180	100	120	120	120				
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	25	25	25				
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	20.3	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	50	50	50				
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage	
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	60	110	150	130				
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225		Gas Shortage	
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	40	40	50				
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	78	90	90				
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	90	100	100	100				
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	68	68	68				
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	81	81				
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			3	23	40	40				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	46	90	100				
Chattogram Zone Total				1761	1681	381.3	713	929	939	644	0		
53	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage	
	b) Ashuganj ST-Unit-4	Gas (APSCL)	1 x 150	150	129	80	120	80	80				
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	80	120	80	80				
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	10	40	39	40				
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	203	184	221	221				
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	290	305	360	360				
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	240	255	265	265				
58	Ashuganj (Precision)	Gas (RPP)	15'4	55	55	10	10	7	7				
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5				
60	Ashuganj Modular 195 MW	Gas (IPP)	20'9.73+1'16	195	195	8	8	8	8				
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51				
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	6	154	100	150				
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	30	85	85	85				
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	40				
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	95	100	100				
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	70	148	180	180				
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	8	25	0	33				
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	0	52				
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	19	22	22	22				
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	0	200				
**	Tripura	India		160	160	94	122	91	112				
Cumilla Zone Total				2951	2891	1337	1782	1727	2124	135	0		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	162	146	160	160	56		Gas Shortage	
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	20	20				
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	7	80	80	81				
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	50	150	200				
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0				
Mymensingh Zone Total				530	522	188	293	412	461	56	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.12.18 (Yesterday)		25.12.18 (Today)		24.12.18 (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
78	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	57	57	57	57				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	63	63	63	63				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	53	50	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	21	21	40	40				
82	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	100	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
84	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	34	66	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	241	225	225	230				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	30	86	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	48	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	0	0	0				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0				
90	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	42	46	50	50				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	0	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	16	0	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	0	18	40		341	Under Maintenance	26.12.18
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	725	799	880	942	0	341		
94	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
95	Bheramara 360 MW CCPP	Gas (NWPGCL)	1 x 278+1 x 132	410	410	304	270	300	300				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	43	0	40				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	3	50	0	80				
98	Khulna CCPP	HSD (NWPGCL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	49	115	115				
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	100	100				
101	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	53	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	533	676	395	690				
Khulna Zone Total				2223	2209	933	1233	1055	1516	0	0		
103	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
104	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	64	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	16	26	20	26				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	83	139	194	194				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	53	96	95	95				
Barishal Zone Total				472	462	152	325	419	455	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
109	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	43	0	50				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	42				
111	Amnura	HFO (QRPP)	7x7.79	50	50	24	50	50	50				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	51	90	102				
113	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	40	0	35				
114	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	39	0	40				
116	Sirajganj CCPP 1	Gas (NWPGCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
117	Sirajganj CCPP 2	Gas (NWPGCL)	1x150 + 1x75	220	220	168	183	220	220				
118	Sirajganj CCPP-3 GT	Gas (NWPGCL)	1x141	141	141	0	0	0	0	141		Gas Shortage	
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0	282		Gas Shortage	
120	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22				
121	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	5	5				
122	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	25	43	52	52				
Rajshahi Zone Total				1556	1546	245	487	500	679	804	0		
124	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.12.18
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
125	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	149	150	150	150	124		Coal Shortage	
126	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	18				
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18				
Rangpur Zone Total				564	484	149	167	150	186	209	85		
Sub-total: Plants in operation				17685	17142	6468	8336	10180	11729	2298	426		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6080	7836	9569	11025				
Gross Total				17685	17142	6468	8336	10180	11729	2298	426		

(B) Actual data of 24.12.18 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	8336.00	MW,	at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand (Sub-station end)	:	7836.00	MW,	at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	8336.00	MW,	at =	19:00 hrs		MW	MW	MW		MW	MW
04.	Minimum Generation (Generation end)	:	4857.00	MW,	at =	5:00 hrs	Dhaka	2855	2855	0	Mymensingh	565	565
05.	Day-peak Generation (Generation end)	:	6468.30	MW,	at =	12:00 hrs	Chattogram	867	867	0	Sylhet	308	308
06.	Evening-peak Generation (Generation end)	:	8336.00	MW,	at =	19:00 hrs	Khulna	983	983	0	Barishal	207	207
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Rajshahi	827	827	0	Rangpur	543	543
08.	Generation shortfall at evening peak due to :						Cumilla	681	681	0	Total	7836	7836
	a) Gas limitation	:	1890	MW			12.	Fuel cost :	(a) Gas =	88105211	Taka	(c) Coal =	14202870
	b) Low water level in Kaptai lake	:	199	MW				(b) Oil =	102503022	Taka	Total =	204811103	Taka
	c) Plants under shut down/ maintenance	:	426	MW			13.	Maximum Temperature in Dhaka was : 24.4° C					
09.	Total Energy (Generation + India Import)	:	152.98	MKWh			14.	Export through East-West interconnections :					
	By Gas =	119.209	MKWH	By Oil =	14.863	MKWh		At evening peak-hour	:	-600	MW,	at	19:00 hrs
	By Coal =	3.680	MKWH	By Hydro =	0.668	MKWh		Maximum	:	-640	MW,	at	20:00 hrs
	By Solar=	0.139	MKWH										
10.	Total Gas Supplied	:	1053.55	MMCFD				Energy	:	6.0275	MKWh		

(C) Forecast of 25.12.18 (Today) Tuesday :													
01.	Maximum Demand	:	8000	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	11729	MW	(Generation end)	05.	Total Generation	:	146.81	MKWh			
03.	Maximum Shortage	:	-3729	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	24.4° C				

* Captive Power ** Imported Power

#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZAMAN)
Deputy Secretary, Generation