



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: October, 2018				Day : Wednesday				Date : 31.10.18					
Probable Maximum Demand : 10000 MW				Probable Maximum Generation : 11552 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 102.58 ft	Today = 102.58 ft		Rule Curve = 108.90 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.10.18 (Yesterday)		31.10.18 (Today)		30.10.18 (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	
(A) Plants in operation:													
1	a) Ghorasal ST:Unit -1	Gas (PDB)	1 x 55	55	40	0	0	0	0				
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	30	30	30	30				
	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	251	254	260	260			On Test	
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190		Gas Shortage	
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	250	250	250	250				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	0	0				
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0				
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	0	0	40		Gas Shortage	
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	13	110	110				
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	332	356	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	0	0	0	0		450	Under Maintenance	05.11.18
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	0	0	0	0		412	Under Maintenance	25.11.18
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	201	150	210	210				
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	155	220	220	220				
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100				
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	20	90	90				
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	50	50				
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0				
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	38	100	100				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	15	100	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	42	55	55				
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	40	40	100	100				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	0	84	102	102				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22				
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	49	45	57	57				
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25				
26	Summit Power, Ruggan	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	33	43	43	43				
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	64	149	149				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	12	40	40				
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	36	54	54				
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	198	250	300	300				
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	48	55	115	115				
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300				
34	Bramhangano 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
36	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55				
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	35	56	55	55				
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	47	50	50				
Dhaka Zone Total				6084	5848	1835	2244	3427	3627	515	862		
39	Kaptai Hydro Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	44	44	75	75	186		Water Level Low	
40	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	120	0	150	150	180		Gas Shortage	
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	150	160	160	160	20		Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	16	25	25	25				
42	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	3.3	0	20	0				
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	32	47	46	46				
44	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage	
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	50	130	145	145				
46	Sikalbaha 225 MW CCPP (Dual Fuel)	GAS (PDB)	1 x 150+1 x 75	225	225	217	201	225	225				
47	Sikalbaha (Energis)	HFO (RPP)	4x12.9+2x11.9+1x3+1x1.5	51	51	20	50	50	50				
48	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	50	80	100	100				
	Juldah 100 MW Unit-3	HFO (IPP)				13	0	0	0				
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	0	51				
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	59	0	75				
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20				
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			5	15	15	20				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	19	99	100	100				
Chattogram Zone Total				1661	1581	759.3	981	1131	1242	426	0		
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	100	100	100	100				
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	0	0	0	0				
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	80	80	100	100				
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	28	10	38	38				
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	165	195	220	220				
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	338	305	360	360				
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	360	360	360				
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5				
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	68	68				
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	20	45	40	40				
62	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	11	78	85	85				
63	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50				
64	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	50	100	100	100				
	Chandpur Desh 200MW	HFO (IPP)				202	201	202	0				
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
66	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33				
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	8	0	52				
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	15	22	22				
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200				
**	Tripura	India		160	160	98	132	114	140				
Cumilla Zone Total				2601	2541	1548	1713	2085	2011	0	0		
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	98	102	105	105	100		Gas Shortage	
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22				
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	7	70	70	70				
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	178	180	180				
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.2	0	2	0				
Mymensingh Zone Total				530	522	127.2	372	379	377	100	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.10.18 (Yesterday)		31.10.18 (Today)		30.10.18 (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
76	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	55	56	60	60				
77	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	50	60	60	60				
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	41	50	50				
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	25	50	50				
80	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	0	0	0	0		163	Under Maintenance	04.11.18
81	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8				
82	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	63	64	66	66				
83	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	154	147	150	150				
84	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	89	86	86				
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	45	46	46				
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	90	126	130	130				
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	19	19				
88	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	0	47	47	47				
89	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
90	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	25	25	25	25				
91	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	270	285	341	341				
Sylhet Zone Total				1594	1549	877	1028	1148	1148	0	163		
92	Bheramara GT- Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
93	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	360	424	410	410				
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	31	0	40				
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	60	0	80				
96	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
97	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	84	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	100				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	40	40	40				
100	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	54	105	105			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	732	732	745	745				
Khulna Zone Total				2223	2209	1100	1425	1415	1665	0	0		
101	Barsal GT -Unit- 1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
102	Summit Barsal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	110	80	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	13	19	20	20				
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	183	186	187	187				
105	Bhola Agreko 95 MW	Gas (QRPP)		95	95	12	64	95	95				
Barishal Zone Total				472	462	208	379	382	442	0	0		
106	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	Under Maintenance	12.11.18
107	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	43	0	25				
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	31	0	50				
109	Amnura	HFO (QRPP)	7x7.79	50	50	12	40	50	50				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	91	93	93				
111	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	42	0	42				
112	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	43	43	43				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	38	0	42				
114	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	214	182	210	210				
115	Sirajganj CCPP 2	HSD (NWPGL)	1x150+ 1x75	220	220	192	187	220	220				
116	Sirajganj CCPP-3 GT	Gas (NWPGL)	1x141	141	141	151	0	0	0				
117	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0				
118	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22				
119	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	5	5				
120	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8				
121	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	43	43	43	43				
Rajshahi Zone Total				1556	1546	643	775	694	853	71	100		
122	a) Barapukuria ST-Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.10.18
	b) Barapukuria ST-Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
123	Barapukuria ST-Unit - 3	Coal (PDB)	1 x 274	274	274	150	150	150	150	124		Coal Shortage	
124	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	17				
125	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	20				
Rangpur Zone Total				564	484	150	184	150	187	209	85		
Sub-total: Plants in operation				17285	16742	7248	9101	10811	11552	1321	1210		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6928	8700	10335	11043				
(B) List of Contract Expired Power Plants :													
126	Khulna (Agreko) 55MW	HSD (QRPP)	71x0.85	55	0	0	0	0	0			Contract expired	
Sub-total: Plants under long term maintenance				55	0	0	0	0	0	0	0		
Gross Total				17340	16742	7248	9101	10811	11552	1321	1210		
(C) Actual data of 30.10.18 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	9101.00	MW, at = 18:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8700.00	MW, at = 18:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	9101.00	MW, at = 18:00 hrs		Dhaka	3379	3379	0	Mymensingh	607	607	0
04.	Minimum Generation (Generation end)	:	5634.00	MW, at = 5:00 hrs		Chattogram	1018	1018	0	Sylhet	342	342	0
05.	Day-peak Generation (Generation end)	:	7247.50	MW, at = 12:00 hrs		Khulna	986	986	0	Barishal	195	195	0
06.	Evening-peak Generation (Generation end)	:	9101.00	MW, at = 18:00 hrs		Rajshahi	893	893	0	Rangpur	548	548	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 18:00 hrs		Cumilla	732	732	0	Total	8700	8700	0
08.	Generation shortfall at evening peak due to :					12.	Fuel cost : (a) Gas = 92675373 Taka (b) Oil = 172023064 Taka	(c) Coal = 14139566 Taka	Total = 278838003 Taka				
	a) Gas limitation	:	926	MW		13.	Maximum Temperature in Dhaka was : 31.0° C						
	b) Low water level in Kaptai lake	:	186	MW		14.	Export through East-West interconnections :						
	c) Plants under shut down/ maintenance	:	1210	MW			At evening peak-hour	:	-60	MW, at	18:00	hrs	
	By Gas = 124.497 MKWH			By Oil = 22.983 MKWh			Maximum	:	-320	MW, at	20:00	hrs	
	By Coal = 3.663 MKWH			By Hydro = 1.063 MKWh									
	By Solar= 0.046 MKWH												
10.	Total Gas Supplied	:	1084.53	MMCFD			Energy	:	0.9010	MKWh			
(D) Forecast of 31.10.18 (Today) Wednesday :													
01.	Maximum Demand	:	10000	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	11552	MW (Generation end)	05.	Total Generation	:	188.31	MKWh				
03.	Maximum Shortage	:	-1552	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	30.5° C					

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation