



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month January, 2019					Day : Tuesday				Date : 01.01.19				
Probable Maximum Demand : 8000 MW					Probable Maximum Generation : 12394 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 98.53 ft		Today = 98.47 ft		Rule Curve = 103.00 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.12.18 (Yesterday)		01.01.19 (Today)		31.12.18 (Yesterday)		01.01.19 (Today)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Probable start-up date		
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)		Description/ Remarks	
(A) Plants in operation:													
1	a) Ghorasal ST-Unit -1	Gas (PDB)	1 x 55	55	40	35	35	35	35				
	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	Under Maintenance	04.01.19
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	0	200	0	0			Repowering On Test	
	(e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0			Under Maintenance	03.01.19
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	250	350	350				
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	101	12	100	100				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	35	20	40	40				
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0		105	Low Demand	
6	Horipur GT- Unit-1.2	Gas (PDB)	2x 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	328	336	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	380	380	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	355	345	412	412				
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	97	157	180	200				
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	95	180	200	200				
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	0	100	100				
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100				
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	30	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	7	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	50	57	58	58				
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33				
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33				
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	8	43	43				
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149				
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	24	47	47				
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	55	54	54				
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	27	0	300				
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	130	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	0	36	36				
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	18	55	55				
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	46	8	46				
Dhaka Zone Total				6034	5798	1848	2275	3862	4420	115	275		
38	Kaptai Hydro-Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	35	42	70	70	188		Water Level Low	
39	a) Chattogram ST-Unit -1	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Low Demand	
	b) Chattogram ST-Unit -2	Gas (PDB)	1 x 210	210	180	180	120	150	150		60	Low Demand	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25				
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.2	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	50	50	50				
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0		40	Low Demand	
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	90	130	150	150				
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0		225	Low Demand	
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	0	51	50	50				
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	50	90	90				
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	0	80	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	40	72	72				
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			9	42	20	20				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	32	90	100				
Chattogram Zone Total				1761	1681	355.2	752	977	967	188	505		
53	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0		135	Low Demand	
	b) Ashuganj ST-Unit-4	Gas (APSCL)	1 x 150	150	129	150	100	100	100				
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	135	100	100	100				
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	40	40	40				
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	185	184	221	221				
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	327	300	360	360				
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	260	260				
58	Ashuganj (Precision)	Gas (RPP)	15'4	55	55	5	30	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	55	73	8	8				
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	51	51	51				
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	10	150	150				
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	2	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	96	100	100				
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	31	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	8	8	11	11				
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	24	0	33				
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	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	78	106	82	112				
Cumilla Zone Total				2951	2891	1172	1287	1854	2157	0	135		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	162	164	170	170		38	Low Demand	
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	79	79	79				
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	7	100	200				
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.2	0	2	0				
Mymensingh Zone Total				530	522	193.2	272	373	471	0	38		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.12.18 (Yesterday)		01.01.19 (Today)		31.12.18 (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)		
78	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	0	24	57	57				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	32	32	63	63				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	22	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	20	20	21	21				
82	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	0	0	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
84	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	56	52	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	147	138	230	230				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	86	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	98	140	140				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20				
90	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	21	25	50	50				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	0	10	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	0	0	0	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	305	290	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	646	847	1359	1384	0	0		
94	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
95	Bheramara 360 MW CCPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	340	350	410	410				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	36	0	40				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	26	0	80				
98	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	16	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	0	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	439	665	537	685				
Khulna Zone Total				2223	2209	779	1238	1307	1621	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	32	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	27	25	25				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	188	185	194	194				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	40	72	95	95				
Barishal Zone Total				472	462	245	316	424	454	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	112	0	0	0	100		Gas Shortage	
109	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	50				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	40				
111	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	43	90	100				
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	50	50				
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	15	0	35				
116	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
117	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	153	164	220	220				
118	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	0	0	0	0			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	22	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	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	0	34	43	43				
Rajshahi Zone Total				1556	1546	297	344	541	676	804	0		
124	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.01.18
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	74	72	73	73	13		Coal Shortage	
125	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	139	139	139	139	135		Coal Shortage	
126	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	17				
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	15				
Rangpur Zone Total				564	484	213	211	212	244	148	85		
Sub-total: Plants in operation				17685	17142	5748	7542	10909	12394	1255	435		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5421	7112	10287	11687				
Gross Total				17685	17142	5748	7542	10909	12394	1255	435		

(B) Actual data of 31.12.18 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	7542.00	MW,	at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand (Sub-station end)	:	7112.00	MW,	at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	7542.00	MW,	at =	19:00 hrs		MW	MW	MW		MW	MW
04.	Minimum Generation (Generation end)	:	3366.00	MW,	at =	5:00 hrs	Dhaka	2361	2361	0	Mymensingh	553	553
05.	Day-peak Generation (Generation end)	:	5748.40	MW,	at =	12:00 hrs	Chattogram	824	824	0	Sylhet	292	292
06.	Evening-peak Generation (Generation end)	:	7542.00	MW,	at =	19:00 hrs	Khulna	951	951	0	Barishal	185	185
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Rajshahi	773	773	0	Rangpur	525	525
08.	Generation shortfall at evening peak due to :						Cumilla	648	648	0	Total	7112	7112
	a) Gas limitation	:	919	MW			12.	Fuel cost :	(a) Gas = 77199957 Taka	(c) Coal = 23503748 Taka			
	b) Low water level in Kaptai lake	:	188	MW				(b) Oil = 30142027 Taka	Total = 130845732 Taka				
	c) Plants under shut down/ maintenance	:	435	MW			13.	Maximum Temperature in Dhaka was : 28° C					
09.	Total Energy (Generation + India Import)	:	127.62	MKWh			14.	Export through East-West interconnections :					
	By Gas =	105.191	MKWH	By Oil =	4.369	MKWh		At evening peak-hour : -600 MW, at 19:00 hrs					
	By Coal =	5.118	MKWH	By Hydro =	0.805	MKWh		Maximum : -620 MW, at 18:30 hrs					
	By Solar=	0.144	MKWH										
10.	Total Gas Supplied	:	924.85	MMCFD				Energy : 4.1025 MKWh					

(C) Forecast of 01.01.19 (Today) Tuesday :													
01.	Maximum Demand	:	8000	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	12394	MW	(Generation end)	05.	Total Generation	:	135.37	MW			
03.	Maximum Shortage	:	-4394	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	25.5° C				

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation