



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month January, 2019					Day : Monday				Date : 14.01.19							
Probable Maximum Demand : 8700 MW					Probable Maximum Generation : 11818 MW											
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 97.67 ft				Today = 97.59 ft				Rule Curve = 100.72 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.01.19 (Yesterday)		14.01.19 (Today)		13.01.19 (Yesterday)		14.01.19 (Today)		Status of Machines under shut-down/ Maintenance			
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)					
					Day	Evening	Day	Evening	Gas/water/Coal limitation 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	40			Gas Shortage			
	b) Ghorasal ST-Unit -2	Gas (PDB)	1 x 55	55	45	32	32	35	35							
	c) Ghorasal Unit-3 GT	Gas (PDB)	1 x 210	210	170	0	0	0	0				On Test			
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	150	150	160	200				On Test			
	(e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	0	100	110	100	90			Gas Shortage			
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0		365		Under Maintenance	16.01.19		
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	111	110	108	108							
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	35	35	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	40			Gas Shortage			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110							
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	310	360	360	360							
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	360	400	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	350	348	412	412							
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	149	118	150	200							
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	120	150	180	217							
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100							
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	5	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	20	100	100							
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	25	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	16	102	102							
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22							
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	51	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	33	17	33	33							
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	43	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	24	48	48	48							
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54							
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	80	300	300							
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	87	149	149							
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300							
33	Bramhangon 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	0	56	55	55							
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	46	46	8	46							
Dhaka Zone Total				6034	5798	1883	2450	4060	4415	390	365					
38	Kaptai Hydro Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	39	70	70	70	160			Water Level Low			
39	a) Chattogram ST-Unit -1	Gas (PDB)	1 x 210	210	180	120	120	120	120	60			Gas Shortage			
	b) Chattogram ST-Unit -2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180			Gas Shortage			
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25							
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	20	0	20	0							
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	50	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	0	0	0	0	150			Gas Shortage			
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	40							
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	50	70	70	70							
48	Julda (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	92	60	90	90							
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	0	85	85							
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	64	70	70							
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	19	22	22							
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			5	24	10	24							
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	24	86	80	86							
Chattogram Zone Total				1761	1681	487	628	752	752	815	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	80	100	100							
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	80	100	100	100							
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	39	23	40	40							
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	185	185	221	221							
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	279	279	360	360							
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0	360	Under Maintenance	30.01.19				
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	8	8							
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	7	51	51	51							
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	20	150	150							
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	10	85	85	85							
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50							
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0	163	Under Maintenance	20.01.19				
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	125	152	150	180							
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22							
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11							
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	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	20	23	23	23							
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200							
**	Tripura	India		160	160	94	118	90	118							
Cumilla Zone Total				2951	2891	997	1197	1606	1814	135	523					
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	150	213	200	200							
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22							
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	99	91	95	95							
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	90	100	200							
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0							
Mymensingh Zone Total				530	522	280	416	419	517	0	0					

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.01.19 (Yesterday)		14.01.19 (Today)		13.01.19 (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)		
78	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	25	57	57	57				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	49	44	44				
82	Kushiana 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	163	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	59	61	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	282	280	280	280				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	70	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	10	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	78	98	100	130				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	20				
90	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	7	23	23	25				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	25	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	250	300	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	947	1279	1337	1389	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	300	340	410	410				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	39	0	40				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	7	60	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	99	115	115				
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	53	100	100				
101	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	32	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	105	90	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	549	693	346	692				
Khulna Zone Total				2223	2209	993	1414	1116	1628	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	80	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	20	25	20	26				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	186	180	194	194				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	50	61	95	95				
Barishal Zone Total				472	462	256	346	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				
109	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	50	50	0	50				
	Paramount Baghabari	HSD (IPP)				30	80	0	0				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	32	0	35				
111	Ammura	HFO (QRPP)	7x7.79	50	50	40	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	43	100	100	100				
113	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	38	40	40				
114	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	43	35	43	43				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	31	0	35				
116	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	0	0	0				
117	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
118	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	235	231	230	230				
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	18	22	22				
121	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	12	14	14	14				
122	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	34	44	44	44				
Rajshahi Zone Total				1556	1546	510	724	544	664	573	0		
124	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.01.19
	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	148	149	149	149	125		Coal Shortage	
126	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	17	17				
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	18	18	18	18				
Rangpur Zone Total				564	484	166	167	184	184	210	85		
Sub-total: Plants in operation				17685	17142	6519	8621	10437	11818	2123	973		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6086	8049	9745	11034				
Gross Total				17685	17142	6519	8621	10437	11818	2123	973		

(B) Actual data of 13.01.19 (Yesterday) Sunday :												
01.	Max. Demand (Generation end)	:	8621.00	MW,	at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :				
02.	Max. Demand (Sub-station end)	:	8049.00	MW,	at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand
03.	Highest Generation (Generation end)	:	8621.00	MW,	at =	19:00 hrs		MW	MW	MW		Supply
04.	Minimum Generation (Generation end)	:	5120.00	MW,	at =	5:00 hrs	Dhaka	2809	2809	0	Mymensingh	657
05.	Day-peak Generation (Generation end)	:	6519.00	MW,	at =	12:00 hrs	Chattogram	891	891	0	Sylhet	311
06.	Evening-peak Generation (Generation end)	:	8621.00	MW,	at =	19:00 hrs	Khulna	1025	1025	0	Barishal	206
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Rajshahi	892	892	0	Rangpur	556
08.	Generation shortfall at evening peak due to :						Cumilla	702	702	0	Total	8049
	a) Gas limitation	:	919	MW			12.	Fuel cost :	(a) Gas = 82784076	Taka	(c) Coal = 14089000	Taka
	d) Coal supply Limitation	:	210	MW				(b) Oil = 158555115	Taka	Total = 96873076	Taka	
	b) Low water level in Kaptai lake	:	160	MW			13.	Maximum Temperature in Dhaka was : 27° C				
	c) Plants under shut down/ maintenance	:	973	MW			14.	Export through East-West interconnections :				
09.	Total Energy (Generation + India Import)	:	159.19	MKWh				At evening peak-hour	:	-300	MW,	at 19:00 hrs
	By Gas = 118.390			MKWh	By Oil = 22.149			Maximum	:	-480	MW,	at 24:00
	By Coal = 3.650			MKWh	By Hydro = 0.937							
	By Solar= 0.142			MKWh								
10.	Total Gas Supplied	:	995.86	MMCFD				Energy	:	2.2015	MKWh	

(C) Forecast of 14.01.19 (Today) Monday :												
01.	Maximum Demand	:	8700	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation	:	11818	MW	(Generation end)	05.	Total Generation	:	160.64	MKWh		
03.	Maximum Shortage	:	-3118	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	25.7° C			

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation