



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month January, 2019					Day : Monday				Date : 21.01.19				
Probable Maximum Demand : 8800 MW					Probable Maximum Generation : 11673 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 97.17 ft		Today = 97.09 ft		Rule Curve = 99.20 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.01.19 (Yesterday)		21.01.19 (Today)		20.01.19 (Yesterday)		21.01.19 (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			
(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	35	35	35	35				
	c) Ghorasal Unit-3 GT	Gas (PDB)	1 x 210	210	170	263	0	0	0			On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	0	0	0	0			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	0	0	0	0	365		Gas Shortage	
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	52	108	108	108				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	20	35	35	35				
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	50	110	110				
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	362	320	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	430	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	355	354	412	412				
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	149	92	200	200				
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	220	0	217	217				
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	10	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	82	100	100				
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	65	100	100				
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	50	55	55				
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	20	100	100				
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	5	102	102	102				
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	19	22	22				
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	50	51	50	50				
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	33	33	33	33				
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	48	149	149				
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	30	47	40	47				
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	196	300	300				
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	128	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	55	55	55				
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	54	55	55				
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	38	39	46	46				
Dhaka Zone Total				6034	5798	2195	2523	3913	4120	855	0		
38	Kaptai Hydro Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	72	72	70	105	158		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	0	25	25				
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	18.7	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	48	48	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	51	51	51	51				
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	58	74	68	68				
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	50	50	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	75	70	70				
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			5	28	15	20				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	66	93	80	93				
Chattogram Zone Total				1761	1681	535.7	633	766	799	813	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	120	150	120	120				
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	135	135	120	120				
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	36	36	40	40				
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	225	185	221	221				
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	257	287	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	65	16	182	182				
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	45	51	51				
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	0	150	150				
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	50	85	85	85				
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	50	0	50				
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100				
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	144	150	180				
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22				
68	Feni, Mohpal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	8	24	33	33				
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	16	52	52				
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	22	23	23				
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200				
**	Tripura	India		160	160	96	116	91	116				
Cumilla Zone Total				2951	2891	1195	1451	1921	2126	135	360		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	152	149	210	210	53		Gas Shortage	
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	65	87	95	95				
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	200	100	200				
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.8	0	2	0				
Mymensingh Zone Total				530	522	247.8	458	429	527	53	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.01.19 (Yesterday)		21.01.19 (Today)		20.01.19 (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	56	57	57	57				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	62	62	62	62				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	50	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
82	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	0	0	163	163	163	Was Under Maintenance		
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	2	11	11	11				
84	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	62	67	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0	330	Under Maintenance	25.01.19	
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	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	97	110	100	135				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	20	20	20				
90	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	23	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	320	280	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0		On Test		
Sylhet Zone Total				1594	1549	809	900	1109	1146	0	493		
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	270	380	410	410				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	34	0	43				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	83	20	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	115	115	115				
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	95	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	105	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	547	683	545	693				
Khulna Zone Total				2223	2209	962	1535	1335	1632	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	78	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	14	13	20	26				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	188	157	194	194				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	60	95	95	95				
Barishal Zone Total				472	462	262	343	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	34	0	50				
	Paramount Baghabari	HSD (IPP)				21	49	0	0				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	39	0	35				
111	Ammura	HFO (QRPP)	7x7.79	50	50	40	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	94	102	100	100				
113	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	40	40				
114	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	37	26	40				
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	188	175	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	22	22	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	8	11	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	43	52	52	52				
Rajshahi Zone Total				1556	1546	478	625	585	684	673	0		
124	a) Barapukuria ST-Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	28.02.19
	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	149	149	149	149	125	Coal Shortage		
126	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	17	17				
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	17	18	18				
Rangpur Zone Total				564	484	149	183	184	184	210	85		
Sub-total: Plants in operation				17685	17142	6834	8651	10661	11673	2739	938		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss													
Gross Total				17685	17142	6834	8651	10661	11673	2739	938		

(B) Actual data of 20.01.19 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	8651.00	MW,	at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand (Sub-station end)	:	8223.00	MW,	at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	8651.00	MW,	at =	19:00 hrs		MW	MW	MW		MW	MW
04.	Minimum Generation (Generation end)	:	5131.00	MW,	at =	5:00 hrs	Dhaka	2918	2918	0	Mymensingh	670	670
05.	Day-peak Generation (Generation end)	:	6833.50	MW,	at =	12:00 hrs	Chattogram	893	893	0	Sylhet	314	314
06.	Evening-peak Generation (Generation end)	:	8651.00	MW,	at =	19:00 hrs	Khulna	1010	1010	0	Barishal	205	205
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Rajshahi	943	943	0	Rangpur	573	573
08.	Generation shortfall at evening peak due to :						Cumilla	697	697	0	Total	8223	8223
	a) Gas limitation	:	2371	MW			12.	Fuel cost :	(a) Gas = 83290398	Taka	(c) Coal = 14112160	Taka	
	d) Coal supply Limitation	:	210	MW					(b) Oil = 174379480	Taka	Total = 97402558	Taka	
	b) Low water level in Kaptai lake	:	158	MW									
	c) Plants under shut down/ maintenance	:	938	MW			13.	Maximum Temperature in Dhaka was :	26.6° C				
09.	Total Energy (Generation + India Import)	:	162.23	MKWh			14.	Export through East-West interconnections :					
	By Gas = 118.228	MKWh	By Oil = 24.669	MKWh				At evening peak-hour	:	-250	MW,	at	19:00 hrs
	By Coal = 3.666	MKWh	By Hydro = 1.374	MKWh				Maximum	:	-540	MW,	at	7:00 hrs
	By Solar= 0.126	MKWh											
10.	Total Gas Supplied	:	996.70	MMCFD				Energy	:	3,1780	MKWh		

(C) Forecast of 21.01.19 (Today) Monday :													
01.	Maximum Demand	:	8800	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	11673	MW	(Generation end)	05.	Total Generation	:	165.02	MKWh			
03.	Maximum Shortage	:	-2873	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	26.5° C				

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation