



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month January, 2019			Day : Friday			Date : 25.01.19						
Probable Maximum Demand :			8000 MW			Probable Maximum Generation :			11704 MW			
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 96.80 ft			Today = 96.73 ft			Rule Curve = 98.40 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.01.19 (Yesterday)		25.01.19 (Today)		24.01.19 (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)		
(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	299	295	298	298			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	240	240	240	240	125		Gas Shortage
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	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	366	360	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	400	430	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	382	355	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0			
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	220	225	220	220			
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	25	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	16	60	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	18	55	55	55			
20	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
21	Gaganraj (Oron)	HFO (IPP)	12x8.924	102	102	7	58	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	8	19	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x0.67+7x8.73	80	80	50	50	50	50			
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	33	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	33	42	43	43			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	16	149	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	47	46	47	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	107	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	1	95	149	149			
32	APR Energy, Keranigonj	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	35	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	54	55	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	31	31	32	32			
Dhaka Zone Total				6034	5798	2327	2754	4104	4304	615	0	
38	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	40	40	40	190		Water Level Low
39	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	120	160	120	120	20		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	17	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	14.2	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	32	51	51			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	45	70	75	75			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	53	53	90	90			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	34	68	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	65	70			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	19	22	22			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			5	28	35	25			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	93	93	93			
Chattogram Zone Total				1761	1681	406.2	604	754	779	805	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage
	b) Ashuganj ST:Unit-4	Gas (APSCCL)	1 x 150	150	129	150	150	100	100			
	c) Ashuganj ST:Unit-5	Gas (APSCCL)	1 x 150	150	134	100	135	80	80			
54	Ashuganj Engines	Gas (APSCCL)	14x3.968	53	45	33	36	40	40			
55	Ashuganj CCPP 225 MW	Gas (APSCCL)	1x142+1x75	221	221	0	0	0	0			
56	Ashuganj CCPP(South)	Gas (APSCCL)	1x360	360	360	360	301	330	330			
57	Ashuganj CCPP(North)	Gas (APSCCL)	1x361	360	360	260	260	260	260			
58	Ashuganj (Precision)	Gas (RPP)	15'4	55	55	7	56	56	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	63			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	35	40	40	40			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	50	31	150	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	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	100	100	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	47	72	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	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	25	25	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	16	22	22	22			
72	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	100	200			
**	Tripara	India		160	160	92	122	89	122			
Cumilla Zone Total				2951	2891	1397	1478	1783	1972	135	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	109	107	112	112	95		Gas Shortage
74	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	52	87	87	87			
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	190	200	100	200			
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.1	0	2	0			
Mymensingh Zone Total				530	522	374.1	416	323	421	95	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.01.19 (Yesterday)		25.01.19 (Today)		24.01.19 (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 CAPP-1	Gas (PDB)	2x32+1x33	97	70	30	30	30	30					
79	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	62	61	61	61					
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	48	50	51	51					
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	44	44					
82	Kushiara 163 MW CAPP	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	60	58	0	0					
85	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	95	96	100	100					
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	86	86	86	86					
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	49	49	50	50					
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	106	100	140					
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	20	20	0	20					
90	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	23	23	23	23					
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	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	255	265	341	341					
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test		
Sylhet Zone Total				1594	1549	942	1094	1060	1155	0	0			
94	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46					
95	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	300	380	410	410					
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	38	0	43					
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	65	20	80					
98	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0					
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	32	115	115	115					
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	50	100	100					
101	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	33	40	40	40					
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	105	72	105	105					
**	Bheramara HVDC Interconnector	India		1000	1000	556	701	414	710					
Khulna Zone Total				2223	2209	1026	1461	1204	1649	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	16	72	110	110					
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	12	0	20	26					
106	Bhola CAPP GT-1,2, ST	Gas (PDB)	2x63+1x68	194	194	80	143	96	96					
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	96	33	95	95					
Barishal Zone Total				472	462	204	248	321	357	0	0			
108 a)	Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage		
108 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	43					
	Paramount Baghabari	HSD (IPP)				0	19	0	0					
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	40					
111	Amnura	HFO (QRPP)	7x7.79	50	50	40	40	40	40					
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	25	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	8	24	50	50					
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	37	26	29					
116	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0					
117	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	115	220	220		Gas Shortage		
118	Sirajganj CAPP-3 GT	Gas (NWPGL)	1x141	141	141	184	182	230	230					
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	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	15	15	15	15					
122	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	0	11					
123	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	43	43	43	43					
Rajshahi Zone Total				1556	1546	348	538	681	883	673	0			
124 a)	Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Under Overhauling	20.03.19	
124 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	149	149	124		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	14	18	18					
Rangpur Zone Total				564	484	149	181	184	184	209	85			
Sub-total: Plants in operation						17685	17142	7173	8774	10414	11704	2532	85	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6720	8219	9755	10964					
Gross Total				17685	17142	7173	8774	10414	11704	2532	85			

(B) Actual data of 24.01.19 (Yesterday) Thursday :												
01.	Max. Demand (Generation end)	: 8774.00 MW, at = 19:00 hrs	11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	: 8219.00 MW, at = 19:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	: 8774.00 MW, at = 19:00 hrs	Dhaka	2977	2977	0	Mymensingh	676	676	0		
04.	Minimum Generation (Generation end)	: 5451.00 MW, at = 5:00 hrs	Chattogram	845	845	0	Sylhet	310	310	0		
05.	Day-peak Generation (Generation end)	: 7173.30 MW, at = 9:00 hrs	Khulna	1002	1002	0	Barishal	208	208	0		
06.	Evening-peak Generation (Generation end)	: 8774.00 MW, at = 19:00 hrs	Rajshahi	952	952	0	Rangpur	581	581	0		
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs	Cumilla	668	668	0	Total	8219	8219	0		
08.	Generation shortfall at evening peak due to :		12.	Fuel cost : (a) Gas = 84191312 Taka (c) Coal = 14118336 Taka (b) Oil = 177868146 Taka Total = 98309648 Taka								
a)	Gas limitation	: 2133 MW										
d)	Coal supply Limitation	: 209 MW										
b)	Low water level in Kaptai lake	: 190 MW										
c)	Plants under shut down/ maintenance	: 85 MW										
09.	Total Energy (Generation + India Import)	: 164.85 MKWh	13.	Maximum Temperature in Dhaka was :	28.5° C							
	By Gas = 120.491 MKWH	By Oil = 25.080 MKWh	14.	Export through East-West interconnections :								
	By Coal = 3.658 MKWH	By Hydro = 0.875 MKWh		At evening peak-hour	: -520 MW, at 19:00 hrs							
	By Solar= 0.151 MKWH			Maximum	: -680 MW, at 1:00 hrs							
10.	Total Gas Supplied	: 1035.65 MCFD		Energy	: 6.0110 MKWh							

(C) Forecast of 25.01.19 (Today) Friday :												
01.	Maximum Demand	: 8000 MW (Generation end)	04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)									
02.	Maximum Generation	: 11704 MW (Generation end)	05. Total Generation : 150.31 MKWh									
03.	Maximum Shortage	: -3704 MW (Generation end)	06. Probable Max. Temperature in Dhaka : 28.5° C									

* Captive Power ** Imported Power
#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZAMAN)
Deputy Secretary, Generation