



**Bangladesh Power Development Board**  
**DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation  
Tel : 9564667, 9551095

Month January, 2019		Day : Sunday		Date : 27.01.19								
Probable Maximum Demand :		8900 MW		Probable Maximum Generation : 11979 MW								
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 96.67 ft		Today = 96.59 ft								
				Rule Curve = 98.00 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.01.19 (Yesterday)		27.01.19 (Today)		26.01.19 (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)		
<b>(A) Plants in operation:</b>												
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	219	218	220	220			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	300	330	330	65		Gas Shortage
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	30	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	263	329	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	330	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	277	350	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	80	124	100	150			
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	120	160	160	160			
14	Siddhirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddhirganj (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	15	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
21	Gaganraj (Oron)	HFO (IPP)	12x8.924	102	102	0	0	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+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	43	42	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	45	47	47			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	54	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	45	155	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	74	15	149	149			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
33	Bramhangaoan 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	55	55			
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	30	32	32			
<b>Dhaka Zone Total</b>				<b>6034</b>	<b>5798</b>	<b>1842</b>	<b>2438</b>	<b>4156</b>	<b>4406</b>	<b>555</b>	<b>0</b>	
38	Kaptai Hydro Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	42	77	106	107	153		Water Level Low
39	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	150	150	150	150	30		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 Solaratech 20MW	Solar (IPP)	1x20	20	20	0	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+3x11.5	51	51	40	40	40	40			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	20	74	75	75			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	84	84	90	90			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	0	68	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	65	70			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	36	35	35			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	44	93	93			
<b>Chattogram Zone Total</b>				<b>1761</b>	<b>1681</b>	<b>435</b>	<b>602</b>	<b>839</b>	<b>825</b>	<b>778</b>	<b>0</b>	
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	80	0	0			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	36	36	40	40			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	0	185	200	225			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	264	287	330	330			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	150	260	260	260			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	0	10	56	55			
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	41	40	42			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	12	150	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	60	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	0	70	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	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	0	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	21	15	22	22			
72	Daudkandi 200 MW	HSD (IPP)	6x1.4+40x1.515+1x1.05	200	200	0	0	100	200			
**	Tripura	India		160	160	102	124	89	122			
<b>Cumilla Zone Total</b>				<b>2951</b>	<b>2891</b>	<b>940</b>	<b>1455</b>	<b>1903</b>	<b>2112</b>	<b>135</b>	<b>0</b>	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	121	130	203	160			
74	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	80	87	87	87			
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	150	200	100	200			
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0			
<b>Mymensingh Zone Total</b>				<b>530</b>	<b>522</b>	<b>375.1</b>	<b>439</b>	<b>414</b>	<b>469</b>	<b>0</b>	<b>0</b>	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.01.19 (Yesterday)		27.01.19 (Today)		26.01.19 (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)		
78	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	30	30	30	30				
79	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	61	61	61	61				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	50	50				
82	Kushiana 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	100	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	3	11	11	11				
84	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	0	0	0	0				
85	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	102	97	100	100				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	30	86	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	46	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	78	100	100	140				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	0	20				
90	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	22	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	17	25	0	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	270	290	341	341				
	Bibiana- 3	Gas (PDB)				150	312	250	0			On Test	
<b>Sylhet Zone Total</b>				<b>1594</b>	<b>1549</b>	<b>1019</b>	<b>1316</b>	<b>1316</b>	<b>1161</b>	<b>0</b>	<b>0</b>		
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	230	310	410	410				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	44	0	43				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	75	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	0	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	451	694	611	709				
<b>Khulna Zone Total</b>				<b>2223</b>	<b>2209</b>	<b>858</b>	<b>1383</b>	<b>1401</b>	<b>1648</b>	<b>0</b>	<b>0</b>		
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	110	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	11	15	20	26				
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	0	0	30	30				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	95	95	95	95				
<b>Barishal Zone Total</b>				<b>472</b>	<b>462</b>	<b>106</b>	<b>220</b>	<b>255</b>	<b>291</b>	<b>0</b>	<b>0</b>		
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	50	0	50				
	Paramount Baghabari	HSD (IPP)				0	0	0	0				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	42	0	40				
111	Amnura	HFO (QRPP)	7x7.79	50	50	0	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	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	0	50	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	29	28	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	202	172	145	214	48		Gas Shortage	
118	Sirajganj CAPP-3 GT	Gas (NWPGL)	1x141	141	141	148	170	180	220				
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	11	12	15	15				
122	Lalapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	52	52	52				
<b>Rajshahi Zone Total</b>				<b>1556</b>	<b>1546</b>	<b>425</b>	<b>751</b>	<b>681</b>	<b>883</b>	<b>501</b>	<b>0</b>		
124	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	20.03.19
	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	0	0	17				
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	18	16	0	18				
<b>Rangpur Zone Total</b>				<b>564</b>	<b>484</b>	<b>167</b>	<b>165</b>	<b>149</b>	<b>184</b>	<b>210</b>	<b>85</b>		
<b>Sub-total: Plants in operation</b>				<b>17685</b>	<b>17142</b>	<b>6167</b>	<b>8769</b>	<b>11114</b>	<b>11979</b>	<b>2179</b>	<b>85</b>		
<b>Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss</b>						<b>5814</b>	<b>8267</b>	<b>10478</b>	<b>11293</b>				
<b>Gross Total</b>				<b>17685</b>	<b>17142</b>	<b>6167</b>	<b>8769</b>	<b>11114</b>	<b>11979</b>	<b>2179</b>	<b>85</b>		

(B) Actual data of 26.01.19 (Yesterday) Saturday :											
01.	Max. Demand (Generation end)	: 8769.00 MW, at = 20:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 8267.00 MW, at = 20:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	: 8769.00 MW, at = 20:00 hrs		Dhaka	2897	2897	0	Mymensingh	709	709	0
04.	Minimum Generation (Generation end)	: 5198.00 MW, at = 5:00 hrs		Chattogram	896	896	0	Sylhet	319	319	0
05.	Day-peak Generation (Generation end)	: 6167.10 MW, at = 12:00 hrs		Khulna	1008	1008	0	Barishal	220	220	0
06.	Evening-peak Generation (Generation end)	: 8769.00 MW, at = 20:00 hrs		Rajshahi	895	895	0	Rangpur	607	607	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 20:00 hrs		Cumilla	716	716	0	Total	8267	8267	0
08.	Generation shortfall at evening peak due to :			12.	Fuel cost :		(a) Gas = 86037392 Taka	(c) Coal = 14137250 Taka			
	a) Gas limitation	: 1816 MW				(b) Oil = 142949539 Taka	Total = 100174642 Taka				
	d) Coal supply Limitation	: 210 MW		13.	Maximum Temperature in Dhaka was : 31.3° C						
	b) Low water level in Kaptai lake	: 153 MW		14.	Export through East-West interconnections :						
	c) Plants under shut down/ maintenance	: 85 MW			At evening peak-hour : -370 MW, at 20:00 hrs						
09.	Total Energy (Generation + India Import)	: 160.52 MKWh			Maximum : -640 MW, at 2:00 hrs						
	By Gas = 121.462 MKWh	By Oil = 20.454 MKWh			Energy : 5.4455 MKWh						
	By Coal = 3.663 MKWh	By Hydro = 1.434 MKWh									
	By Solar = 0.017 MKWh										
10.	Total Gas Supplied	: 1098.76 MMCFD									

(C) Forecast of 27.01.19 (Today) Sunday :					
01.	Maximum Demand	: 8900 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)
02.	Maximum Generation	: 11979 MW (Generation end)	05.	Total Generation	: 162.92 MKWh
03.	Maximum Shortage	: -3079 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

(MONIRUZAMAN)  
Deputy Secretary, Generation