



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

Office of the Member, Generation  
Tel : 954667, 9551095

Month January, 2019				Day : Wednesday				Date : 30.01.19					
Probable Maximum Demand : 8900 MW				Probable Maximum Generation : 12488 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 96.40 ft				Today = 96.28 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.01.19 (Yesterday)		30.01.19 (Today)		Rule Curve = 97.40 ft		Status of Machines under shut-down/ Maintenance	Description/ Remarks	Probable start-up date
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :				
					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	63	299	238	299			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	340	250	380	380	115		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	340	366	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	350	450	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	360	362	412	412				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	185	92	0	0				
13	Shiddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	218	170	200	200				
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100				
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	7	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	7	100	100				
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	15	100	100				
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	55	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	40	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	28	42	42	42				
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	32	149	149				
28	Kathpolti 52 MW	HFO (IPP)	7x7.90	51	51	0	43	47	47				
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	54	54	54				
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	60	30	300	300				
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	1	44	149	149				
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300				
33	Bramhanganj 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	55	55				
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	37	55	55				
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	31	18	30	30				
<b>Dhaka Zone Total</b>				<b>6034</b>	<b>5798</b>	<b>2180</b>	<b>2603</b>	<b>4161</b>	<b>4422</b>	<b>605</b>	<b>0</b>		
38	Kaptai Hydro Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	78	78	110	110	152		Water Level Low	
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		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	7.4	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	23	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	151	151	151	151	74		Gas Shortage	
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	32	40	40	40				
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	45	42	60	60				
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	51	68	68				
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	70	70				
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			6	28	10	28				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	13	45	93	93				
<b>Chattogram Zone Total</b>				<b>1761</b>	<b>1681</b>	<b>486.4</b>	<b>616</b>	<b>809</b>	<b>807</b>	<b>776</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	120	150	120	150				
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	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	184	184	221	221				
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	305	309	360	360				
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	15	150	360	360				
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	30	5	55	55				
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	0	5				
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	73	73	0	73				
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	5	0	5				
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	51	0	150				
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	5	40	85	85				
64	Titlas (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	15	110	200	200				
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22				
68	Feni, Mohpal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	5	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	22	22	22				
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200				
**	Tripura	India		160	160	98	124	108	127				
<b>Cumilla Zone Total</b>				<b>2951</b>	<b>2891</b>	<b>1047</b>	<b>1422</b>	<b>1889</b>	<b>2321</b>	<b>135</b>	<b>0</b>		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	171	157	123	157				
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22				
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	87	87	87	87				
	United Jamalpur PPL	HFO (IPP)				0	24	0	0			On Test	
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	64	192	100	200				
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.5	0	2	0				
<b>Mymensingh Zone Total</b>				<b>530</b>	<b>522</b>	<b>322.5</b>	<b>482</b>	<b>334</b>	<b>466</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)	29.01.19 (Yesterday)		30.01.19 (Today)		29.01.19 (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	61	61	61	61				
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	41	44	44				
82	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	130	130	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	64	45	66	66				
85	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	50	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	49	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	97	80	100	140				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	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	0	10	10	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	0	25	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	270	265	341	341				
	Bibiana- 3	Gas (PDB)				324	320	320	320			On Test	
<b>Sylhet Zone Total</b>				<b>1594</b>	<b>1549</b>	<b>1090</b>	<b>1213</b>	<b>1381</b>	<b>1441</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	340	300	410	410				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	44	0	44				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	92	20	92				
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	20	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	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	586	677	591	689				
<b>Khulna Zone Total</b>				<b>2223</b>	<b>2209</b>	<b>1095</b>	<b>1393</b>	<b>1381</b>	<b>1641</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	57	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	14	12	15	15				
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	30	30	105	105				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	86	27	95	95				
<b>Barishal Zone Total</b>				<b>472</b>	<b>462</b>	<b>130</b>	<b>126</b>	<b>325</b>	<b>355</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	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	7	40	40				
114	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	8	8	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	29	29	29				
116	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	20	214	214				
117	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	187	186	0	0	34		Gas Shortage	
118	Sirajganj CAPP-3 GT	Gas (NWPGL)	1x141	141	141	187	185	187	187				
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	15	15	15	15				
122	Lalapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	43	52	52	52				
<b>Rajshahi Zone Total</b>				<b>1556</b>	<b>1546</b>	<b>538</b>	<b>727</b>	<b>760</b>	<b>850</b>	<b>487</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	150	150	150	124		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	19	16	0	18				
<b>Rangpur Zone Total</b>				<b>564</b>	<b>484</b>	<b>168</b>	<b>166</b>	<b>150</b>	<b>185</b>	<b>209</b>	<b>85</b>		
<b>Sub-total: Plants in operation</b>				<b>17685</b>	<b>17142</b>	<b>7057</b>	<b>8748</b>	<b>11190</b>	<b>12488</b>	<b>2212</b>	<b>85</b>		
<b>Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss</b>						<b>6758</b>	<b>8378</b>	<b>10717</b>	<b>11960</b>				
<b>Gross Total</b>				<b>17685</b>	<b>17142</b>	<b>7057</b>	<b>8748</b>	<b>11190</b>	<b>12488</b>	<b>2212</b>	<b>85</b>		

(B) Actual data of 29.01.19 (Yesterday) Tuesday :												
01.	Max. Demand (Generation end)	: 8748.00 MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	: 8378.00 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)	: 8748.00 MW, at = 19:00 hrs		Dhaka	2979	2979	0	Mymensingh	720	720	0	
04.	Minimum Generation (Generation end)	: 5561.00 MW, at = 5:00 hrs		Chattogram	912	912	0	Sylhet	307	307	0	
05.	Day-peak Generation (Generation end)	: 7056.90 MW, at = 9:00 hrs		Khulna	977	977	0	Barishal	204	204	0	
06.	Evening-peak Generation (Generation end)	: 8748.00 MW, at = 19:00 hrs		Rajshahi	1000	1000	0	Rangpur	576	576	0	
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs		Cumilla	703	703	0	Total	8378	8378	0	
08.	Generation shortfall at evening peak due to :			12.	Fuel cost : (a) Gas = 88504013 Taka (c) Coal = 14112160 Taka (b) Oil = 134630751 Taka Total = 102616173 Taka							
	a) Gas limitation	: 1851 MW		13.	Maximum Temperature in Dhaka was : 24.7° C							
	d) Coal supply Limitation	: 209 MW		14.	Export through East-West interconnections :							
	b) Low water level in Kaptai lake	: 152 MW			At evening peak-hour : -580 MW, at 19:00 hrs							
	c) Plants under shut down/ maintenance	: 85 MW			Maximum : -830 MW, at 1:00 hrs							
09.	Total Energy (Generation + India Import)	: 168.85 MKWh			Energy : 5,0510 MKWh							
	By Gas = 128.733 MKWh	By Oil = 19.853 MKWh										
	By Coal = 3.666 MKWh	By Hydro = 1.765 MKWh										
	By Solar = 0.085 MKWh											
10.	Total Gas Supplied	: 1077.05 MMCFD										
(C) Forecast of 30.01.19 (Today) Wednesday :												
01.	Maximum Demand	: 8900 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 12488 MW (Generation end)	05.	Total Generation	: 171.79 MKWh							
03.	Maximum Shortage	: -3588 MW (Generation end)	06.	Probable Max. Temperature in Dhaka	: 23.9° C							

\* Captive Power \*\* Imported Power

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

(MONIRUZAMAN)  
Deputy Secretary, Generation