



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month January, 2019		Day : Tuesday		Date : 22.01.19								
Probable Maximum Demand :		8800 MW		Probable Maximum Generation : 11669 MW								
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 97.09 ft		Today = 96.99 ft								
				Rule Curve = 99.00 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.01.19 (Yesterday)		22.01.19 (Today)		21.01.19 (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	0	263	263	263			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	240	240	240	125		Gas Shortage
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	108	0	0	0			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	35	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	13	0	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	320	365	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	450	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	345	374	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	98	0	0	0			
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	180	226	120	225			
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	50	7	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	80	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	30	50	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
21	Gaganraj (Oron)	HFO (IPP)	12x8.924	102	102	24	64	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	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	8	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	34	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	47	37	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	45	105	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	70	89	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	17	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	55	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	38	38	46	46			
<b>Dhaka Zone Total</b>				<b>6034</b>	<b>5798</b>	<b>2181</b>	<b>2681</b>	<b>3983</b>	<b>4288</b>	<b>615</b>	<b>0</b>	
38	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	39	70	105	191		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	12.43	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	40	46	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	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	68	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	22	22	22			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			7	30	15	20			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	87	93	80	93			
<b>Chattogram Zone Total</b>				<b>1761</b>	<b>1681</b>	<b>501.43</b>	<b>683</b>	<b>766</b>	<b>799</b>	<b>846</b>	<b>0</b>	
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	150	150			
	c) Ashuganj ST:Unit-5	Gas (APSCCL)	1 x 150	150	134	135	135	135	135			
54	Ashuganj Engines	Gas (APSCCL)	14x3.968	53	45	33	36	40	40			
55	Ashuganj CCPP 225 MW	Gas (APSCCL)	1x142+1x75	221	221	184	188	221	221			
56	Ashuganj CCPP(South)	Gas (APSCCL)	1x360	360	360	250	272	0	360			
57	Ashuganj CCPP(North)	Gas (APSCCL)	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	16	16	182	182			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	35	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	10	85	85	85			
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	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	40	108	150	180			
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	11	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	11	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	22	20	23	23			
72	Daudkandi 200 MW	HSD (IPP)	6x1.4+40x1.515+1x1.05	200	200	0	0	100	200			
**	Tripara	India		160	160	80	108	91	116			
<b>Cumilla Zone Total</b>				<b>2951</b>	<b>2891</b>	<b>1117</b>	<b>1339</b>	<b>1606</b>	<b>2171</b>	<b>135</b>	<b>360</b>	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	136	111	115	120	91		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	87	86	95	95			
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	70	150	100	200			
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.1	0	2	0			
<b>Mymensingh Zone Total</b>				<b>530</b>	<b>522</b>	<b>316.1</b>	<b>369</b>	<b>334</b>	<b>437</b>	<b>91</b>	<b>0</b>	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.01.19 (Yesterday)		22.01.19 (Today)		21.01.19 (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)	Description/ Remarks	Probable start-up date
78	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	30	30	57	57				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	62	61	62	62				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	51	50	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	44	44				
82	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	25	163	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
84	Shajbazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	50	61	66	66				
85	Shajbazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0	330	Under Maintenance	25.01.19	
86	Shajbazar (Shajbazar)	Gas (RPP)	32x2.90	86	86	10	84	86	86				
87	Shajbazar (Energyprima)	Gas (RPP)	27x2.0	50	50	49	48	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	135	0	0	0				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	20	15	20	20				
90	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	23	23	23	25				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	23	25	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	285	320	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
<b>Sylhet Zone Total</b>				<b>1594</b>	<b>1549</b>	<b>821</b>	<b>951</b>	<b>1009</b>	<b>1011</b>	<b>0</b>	<b>330</b>		
94	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
95	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	360	380	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	72	20	80				
98	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	49	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	538	684	545	693				
<b>Khulna Zone Total</b>				<b>2223</b>	<b>2209</b>	<b>1092</b>	<b>1440</b>	<b>1335</b>	<b>1632</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	48	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	9	14	20	26				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	190	188	194	194				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	95	97	95	95				
<b>Barishal Zone Total</b>				<b>472</b>	<b>462</b>	<b>294</b>	<b>347</b>	<b>419</b>	<b>455</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	2	0	0				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	42	0	42				
111	Amnura	HFO (QRPP)	7x7.79	50	50	40	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	40	50	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	37	26	40				
116	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0				
117	Sirajganj CCPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
118	Sirajganj CCPP-3 GT	Gas (NWPGL)	1x141	141	141	177	194	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	14	13	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	52	51	52	52				
<b>Rajshahi Zone Total</b>				<b>1556</b>	<b>1546</b>	<b>350</b>	<b>614</b>	<b>586</b>	<b>692</b>	<b>673</b>	<b>0</b>		
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	175	293	149	149	-19		Coal Shortage	
126	Rangpur GT	HSD (PDB)	1 x 20	20	20	17	16	17	17				
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	19	15	18	18				
<b>Rangpur Zone Total</b>				<b>564</b>	<b>484</b>	<b>211</b>	<b>324</b>	<b>184</b>	<b>184</b>	<b>66</b>	<b>85</b>		
<b>Sub-total: Plants in operation</b>				<b>17685</b>	<b>17142</b>	<b>6884</b>	<b>8748</b>	<b>10222</b>	<b>11669</b>	<b>2426</b>	<b>775</b>		
<b>Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss</b>						<b>6311</b>	<b>8275</b>	<b>9669</b>	<b>11038</b>				
<b>Gross Total</b>				<b>17685</b>	<b>17142</b>	<b>6884</b>	<b>8748</b>	<b>10222</b>	<b>11669</b>	<b>2426</b>	<b>775</b>		

<b>(B) Actual data of 21.01.19 (Yesterday) Monday :</b>											
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)	: 8275.00 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	2969	2969	0	Mymensingh	673	673	0
04.	Minimum Generation (Generation end)	: 5363.00 MW, at = 5:00 hrs		Chattogram	878	878	0	Sylhet	320	320	0
05.	Day-peak Generation (Generation end)	: 6883.53 MW, at = 9:00 hrs		Khulna	1013	1013	0	Barishal	220	220	0
06.	Evening-peak Generation (Generation end)	: 8748.00 MW, at = 19:00 hrs		Rajshahi	956	956	0	Rangpur	551	551	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs		Cumilla	695	695	0	Total	8275	8275	0
08.	Generation shortfall at evening peak due to :			12.	Fuel cost : (a) Gas = 82995158 Taka (c) Coal = 19684456 Taka			(b) Oil = 181451431 Taka Total = 102679614 Taka			
	a) Gas limitation	: 2169 MW		13.	Maximum Temperature in Dhaka was : 28.4° C						
	d) Coal supply Limitation	: 66 MW		14.	Export through East-West interconnections :						
	b) Low water level in Kaptai lake	: 191 MW			At evening peak-hour : -250 MW, at 19:00 hrs						
	c) Plants under shut down/ maintenance	: 775 MW			Maximum : -540 MW, at 7:00 hrs						
09.	Total Energy (Generation + India Import)	: 163.79 MKWh			Energy : 3,1780 MKWh						
	By Gas = 118.632 MKWh	By Oil = 25.449 MKWh									
	By Coal = 5.100 MKWh	By Hydro = 0.861 MKWh									
	By Solar = 0.142 MKWh										
10.	Total Gas Supplied	: 966.14 MMCFD									

<b>(C) Forecast of 22.01.19 (Today) Tuesday :</b>											
01.	Maximum Demand	: 8800 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	: 11669 MW (Generation end)	05.	Total Generation	: 164.76 MKWh						
03.	Maximum Shortage	: -2869 MW (Generation end)	06.	Probable Max. Temperature in Dhaka	: 27.2° C						

\* Captive Power \*\* Imported Power

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

(MONIRUZAMAN)  
Deputy Secretary, Generation