



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month February, 2019			Day : Thursday				Date : 21.02.19					
Probable Maximum Demand : 8500 MW			Probable Maximum Generation : 12698 MW									
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 92.90 ft				Today = 92.74 ft				Rule Curve = 94.20 ft	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.02.19 (Yesterday)		21.02.19 (Today)		20.02.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	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
<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	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	170	170	170	170			
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	380	360	360			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	109	111	108	108			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	76	78	78			
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	40	0	40	40			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	0	0	0	0	360	Under Maintenance	25.03.19
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	450	420	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	365	374	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	150	0	200	200	210	Gas Shortage	
13	Shiddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	114	114	114	115			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
16	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0	305	Under Maintenance	07.03.19
17	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	28	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	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	32	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	16	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	57	58	58			
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	32	32	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	51	51	51	51			
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	0	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	0	0	200	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	15	149	149			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	200	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	17	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	54	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	40	51	47	47			
<b>Dhaka Zone Total</b>			<b>6034</b>	<b>5798</b>	<b>2141</b>	<b>2120</b>	<b>3887</b>	<b>4288</b>	<b>470</b>	<b>665</b>		
38	Kaptai Hydro-Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	72	70	102	104	160	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	150	150	150	150			
40	Razzan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	18	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	46	47	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+2x11.3+1x3+1x1.5	51	51	42	41	50	50			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	68	74	74	74			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	74	74	74	74			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	68	68	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	68	75	75			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34	3	3	28	30	35	35			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	53	106	100	100			
<b>Chattogram Zone Total</b>			<b>1761</b>	<b>1681</b>	<b>684</b>	<b>890</b>	<b>957</b>	<b>944</b>	<b>635</b>	<b>0</b>		
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	135	80	130	125			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	0	100	120	120			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	120	100	120	120			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	35	38	33	33			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	193	185	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	360	360	360			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	6	6	6	6			
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	78			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	30	45	45			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	10	150	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	10	85	85	85			
64	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	8	0	50			
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	85	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	35	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	21	22	22			
68	Feni, Mohal (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	0	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	9	22	22			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200			
**	Tripura	India		160	160	108	126	99	122			
<b>Cumilla Zone Total</b>			<b>2951</b>	<b>2891</b>	<b>1211</b>	<b>1327</b>	<b>1922</b>	<b>2160</b>	<b>0</b>	<b>0</b>		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	197	214	170	200			
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	36	86	86	86			
	United Jamalpur PPL	HFO (IPP)				0	0	122	122		On Test	
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	100	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>262.1</b>	<b>422</b>	<b>502</b>	<b>630</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)	20.02.19 (Yesterday)		21.02.19 (Today)		20.02.19 (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	60	60	60	60				
79	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	61	60	62	62				
80	Fenchuganj (Barakattullah)	Gas (RPP)	19x2.90	51	51	11	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	44	44	44				
82	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	130	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
84	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	68	64	66	66				
85	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	260	254	330	330				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	80	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	48	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	48	82	100	100				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	20	20				
90	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	24	24	24	24				
91	Sylhet (Desti)	Gas (RPP)	6x1.95	10	10	10	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	60	270	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
	<b>Sylhet Zone Total</b>			<b>1594</b>	<b>1549</b>	<b>777</b>	<b>1234</b>	<b>1443</b>	<b>1443</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	350	350	410	410				
96	Fairdip Peaking	HFO (PDB)	8x6.98	54	54	0	49	0	53				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	40	0	70				
98	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	66	115	115				
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	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	53	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	698	839	602	751				
	<b>Khulna Zone Total</b>			<b>2223</b>	<b>2209</b>	<b>1141</b>	<b>1489</b>	<b>1372</b>	<b>1690</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	32	100	100				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	18	25	26	26				
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	173	148	177	177				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	30	95	95	95				
	<b>Barishal Zone Total</b>			<b>472</b>	<b>462</b>	<b>221</b>	<b>300</b>	<b>398</b>	<b>428</b>	<b>0</b>	<b>0</b>		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	70	70	70	70				
	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	17	0	50				
	Paramount Baghabari	HSD (IPP)				0	0	0	0				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	47				
111	Ammura	HFO (QRPP)	7x7.79	50	50	24	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	34	93	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	50	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	31	0	31				
116	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	198	188	200	200				
117	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	220	180	200	200				
118	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	208	197	0	0				
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	150	0	0	132		Gas Shortage	
120	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
121	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	14	17	17				
122	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	45	52	52				
	Confidence CPBL-2	HFO (IPP)				5	0	0	0			On Test	
	<b>Rajshahi Zone Total</b>			<b>1635</b>	<b>1625</b>	<b>863</b>	<b>1108</b>	<b>802</b>	<b>930</b>	<b>232</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	239	234	149	149	40		Coal Shortage	
126	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	17				
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	18	19				
	<b>Rangpur Zone Total</b>			<b>564</b>	<b>484</b>	<b>239</b>	<b>269</b>	<b>167</b>	<b>185</b>	<b>125</b>	<b>85</b>		
	<b>Sub-total: Plants in operation</b>			<b>17764</b>	<b>17221</b>	<b>7539</b>	<b>9159</b>	<b>11450</b>	<b>12698</b>	<b>1462</b>	<b>750</b>		
	<b>Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss</b>					<b>7080</b>	<b>8601</b>	<b>10752</b>	<b>11924</b>				
	<b>Gross Total</b>			<b>17764</b>	<b>17221</b>	<b>7539</b>	<b>9159</b>	<b>11450</b>	<b>12698</b>	<b>1462</b>	<b>750</b>		
<b>(B) Actual data of 20.02.19 (Yesterday) Wednesday :</b>													
01.	Max. Demand (Generation end)	:	9159.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end):							
02.	Max. Demand (Sub-station end)	:	8601.00	MW, at = 19:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9159.00	MW, at = 19:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5606.00	MW, at = 5:00 hrs		Dhaka	3001	3001	0	Mymensingh	710	710	0
05.	Day-peak Generation (Generation end)	:	7539.10	MW, at = 12:00 hrs		Chattogram	975	975	0	Sylhet	319	319	0
06.	Evening-peak Generation (Generation end)	:	9159.00	MW, at = 19:00 hrs		Khulna	1043	1043	0	Barishal	204	204	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Rajshahi	981	981	0	Rangpur	614	614	0
08.	Generation shortfall at evening peak due to :					Cumilla	754	754	0	Total	8601	8601	0
	a) Gas limitation	:	1177	MW		12.	Fuel cost:	(a) Gas = 96657938	Taka	(c) Coal = 17926612	Taka		
	d) Coal supply Limitation	:	125	MW				(b) Oil = 107429285	Taka	Total = 114584550	Taka		
	b) Low water level in Kaptai lake	:	160	MW									
	c) Plants under shut down/ maintenance	:	750	MW		13.	Maximum Temperature in Dhaka was :	30.5° C					
09.	Total Energy (Generation + India Import)	:	174.86	MKWh		14.	Export through East-West interconnections :						
	By Gas = 133.959	MKWH	By Oil = 15.548	MKWh			At evening peak-hour	:	130	MW, at	19:00	hrs	
	By Coal = 4.644	MKWH	By Hydro = 1.656	MKWh			Maximum	:	-260	MW, at	8:00	hrs	
	By Solar = 0.142	MKWH											
10.	Total Gas Supplied	:	1155.59	MMCFD			Energy	:	0.3215	MKWh			
<b>(C) Forecast of 21.02.19 (Today) Thursday :</b>													
01.	Maximum Demand	:	8500	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	12698	MW (Generation end)	05.	Total Generation	:	162.28	MKWh				
03.	Maximum Shortage	:	-4198	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	30.5° C					

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

(MONIRUZAMAN)  
Deputy Secretary, Generation