



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month February, 2019					Day : Friday				Date : 22.02.19					
Probable Maximum Demand : 8200 MW					Probable Maximum Generation : 12430 MW									
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 92.74 ft		Today = 92.54 ft		Rule Curve = 94.05 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derailed/ Present Capacity (MW)	21.02.19 (Yesterday)		22.02.19 (Today)		21.02.19 (Yesterday)		22.02.19 (Today)		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	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	340	380	360	360					
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	107	111	108	108					
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					
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	360	450	450	450					
10	Shiddiganj 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	350	350	412	412					
12	Shiddiganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	97	180	200	200	30			Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	115	114	114	115					
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		305		Under Maintenance 07.03.19	
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	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	0	102	102					
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	0	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	29	29	33	33					
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	25	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	0	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	0	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	0	0	55	55					
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	41	47	47					
Dhaka Zone Total				6034	5798	1715	2046	3769	4170	290	665			
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	72	70	100	100	160			Water Level Low	
39	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	100	100	100	100	80			Gas Shortage	
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	120	150	150	150	30			Gas Shortage	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	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	0	17	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	41	41	41	41					
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	68	68	68					
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	51	68	68					
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	75	75					
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			23	30	35	35					
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	52	100	100					
Chattogram Zone Total				1761	1681	468	697	925	905	685	0			
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	80	100	100					
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	120	120	120	120					
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	120	100	100	100					
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	35	38	40	40					
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	187	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	8					
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	20	20	20					
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	0	150	150					
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	5	50	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	90	85	100	100					
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	0	200	200					
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	20	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	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	14	14	22	22					
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200					
**	Tripura	India		160	160	94	116	100	122					
Cumilla Zone Total				2951	2891	1161	1243	1855	2027	0	0			
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	208	212	215	202					
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	49	77	86	86					
	United Jamalpur PPL	HFO (IPP)				0	0	122	122				On Test	
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	7	100	200					
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0					
Mymensingh Zone Total				530	522	288	318	547	632	0	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.02.19 (Yesterday)		22.02.19 (Today)		21.02.19 (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 CCPP-1	Gas (PDB)	2x32+1x33	97	70	60	60	60	60				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	61	60	60	60				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	50	51	51				
81	Fenchuganj (Energypima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	50	44	44				
82	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	163	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	65	44	65	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	132	127	130	140				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	50	85	86				
87	Shajibazar (Energypima)	Gas (RPP)	27x2.0	50	50	47	48	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	85	106	100	120				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	20	20				
90	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	24	24	24	24				
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	320	290	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	947	1137	1239	1271	0	0		
94	Bheramara GT- Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
95	Bheramara 360 MW CCPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	400	350	410	410				
96	Fairidpur Peaking	HFO (PDB)	8x6.98	54	54	0	52	0	50				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	40	0	70				
98	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	16	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	8	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	17	70	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	596	734	598	746				
Khulna Zone Total				2223	2209	1021	1302	1368	1682	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	0	16	100	100				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	18	26	26	26				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	173	160	177	177				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	12	97	95	95				
Barishal Zone Total				472	462	203	299	398	428	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	60	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	0	0	50				
	Paramount Baghabari	HSD (IPP)				0	0	0	0				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	47				
111	Amnura	HFO (QRPP)	7x7.79	50	50	40	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	77	100	100				
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	40	40				
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	31	0	31				
116	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	186	181	200	200				
117	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	190	183	200	200				
118	Sirajganj CCPP-3	Gas (NWPGLCL)	1x141+1x79	220	220	0	205	200	200				
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 (Energypima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	13	17	17				
122	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52				
	Confidence CPBL-2	HFO (IPP)				0	0	0	0			On Test	
Rajshahi Zone Total				1635	1625	575	885	1002	1130	382	0		
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	149	149	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	0	19	18	19				
Rangpur Zone Total				564	484	149	169	167	185	209	85		
Sub-total: Plants in operation				17764	17221	6527	8096	11270	12430	1566	750		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6155	7634	10627	11721				
Gross Total				17764	17221	6527	8096	11270	12430	1566	750		

(B) Actual data of 21.02.19 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	8096.00	MW,	at =	19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand (Sub-station end)	:	7634.00	MW,	at =	19:30 hrs		Zone	Demand	Supply	Load Shed	Zone	Load Shed
03.	Highest Generation (Generation end)	:	8096.00	MW,	at =	19:30 hrs		MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5457.00	MW,	at =	5:00 hrs	Dhaka	2413	2413	0	Mymensingh	690	690
05.	Day-peak Generation (Generation end)	:	6527.00	MW,	at =	12:00 hrs	Chattogram	795	795	0	Sylhet	315	315
06.	Evening-peak Generation (Generation end)	:	8096.00	MW,	at =	19:30 hrs	Khulna	978	978	0	Barishal	195	195
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs	Rajshahi	944	944	0	Rangpur	578	578
08.	Generation shortfall at evening peak due to :						Cumilla	726	726	0	Total	7634	7634
	a) Gas limitation	:	1197	MW			12.	Fuel cost :	(a) Gas =	92232451	Taka	(c) Coal =	14146128
	d) Coal supply Limitation	:	209	MW					(b) Oil =	58100958	Taka	Total =	106378579
	b) Low water level in Kaptai lake	:	160	MW									
	c) Plants under shut down/ maintenance	:	750	MW			13.	Maximum Temperature in Dhaka was : 31° C					
09.	Total Energy (Generation + India Import)	:	158.26	MKWh			14.	Export through East-West interconnections :					
	By Gas =	127.269	MKWH	By Oil =	8.696	MKWh		At evening peak-hour	:	-300	MW,	at	19:30 hrs
	By Coal =	3.665	MKWH	By Hydro =	1.666	MKWh		Maximum	:	-420	MW,	at	8:00 hrs
	By Solar=	0.135	MKWH										
10.	Total Gas Supplied	:	1064.70	MMCFD				Energy	:	2.6995	MKWh		

(C) Forecast of 22.02.19 (Today) Friday :													
01.	Maximum Demand	:	8200	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	12430	MW	(Generation end)	05.	Total Generation	:	160.29	MKWh			
03.	Maximum Shortage	:	-4230	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	30.8° C				

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

(MONIRUZAMAN)  
Deputy Secretary, Generation