



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2019					Day : Saturday				Date : 23.02.19					
Probable Maximum Demand :					8900 MW		Probable Maximum Generation :					12437 MW		
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 92.54 ft		Today = 92.40 ft		Rule Curve = 93.90 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derailed/ Present Capacity (MW)	22.02.19 (Yesterday)		23.02.19 (Today)		22.02.19 (Yesterday)		23.02.19 (Today)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)			
					Day	Evening	Day	Evening	Gas/water/Coal limitation 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	240	380	360	360					
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	55	111	108	108					
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	35	35	35					
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	40	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	
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	300	410	450	450				25.03.19	
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	355	352	412	412					
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	40	195	200	200	15			Gas Shortage	
13	Siddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	115	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	
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100				07.03.19	
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	Gagnagar (Orion)	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	22	47	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	33	29	33	33					
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	25	8	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	Bramhangaan 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	17	17	55	55					
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	55	55	55					
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	44	47	47					
Dhaka Zone Total				6034	5798	1440	2166	3844	4245	275	665			
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	72	72	100	100	158			Water Level Low	
39	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	100	100	0	0	80			Gas Shortage	
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	150	150	150	180	30			Gas Shortage	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	26	26	26					
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	18.3	0	20	0					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	25	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+2x11.3+1x3+1x1.5	51	51	41	40	41	42					
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	70	68	70					
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	74	73	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	2	75	75					
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	19	19	19					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			30	42	35	35					
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	12	52	100	100					
Chattogram Zone Total				1761	1681	540.3	747	826	839	683	0			
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	100	100	100					
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	80	100	120	120					
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	80	80	100	100					
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	33	35	40	40					
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	181	186	221	221					
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0					
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	250	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	12	30	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	20	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	50	95	95	95					
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	19	22	22	22					
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11					
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	8	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	12	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	0	122	100	122					
Cumilla Zone Total				2951	2891	849	1284	1850	2022	0	0			
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	202	207	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	79	58	86	86					
	United Jamalpur PPL	HFO (IPP)				0	0	122	122				On Test	
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	24	100	200					
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0					
Mymensingh Zone Total				530	522	312	311	547	632	0	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.02.19 (Yesterday)		23.02.19 (Today)		22.02.19 (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	50	60	60	60				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	53	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
82	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	130	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	2	11	11	11				
84	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	65	56	65	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	140	130	130	140				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	40	85	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	47	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	100	84	0	0				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	20	20				
90	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	23	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	310	315	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	1005	1114	1139	1151	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 (NWPGCL)	1 x 278+1 x 132	410	410	300	415	410	410				
96	Fairidpur Peaking	HFO (PDB)	8x6.98	54	54	0	43	0	50				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	3	40	0	70				
98	Khulna CCPP	HSD (NWPGCL)	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+7x1.5+15	100	100	0	0	100	100				
101	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	591	737	713	862				
Khulna Zone Total				2223	2209	918	1396	1483	1798	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	8	25	26	26				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	163	172	177	177				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	11	95	95	95				
Barishal Zone Total				472	462	182	308	398	428	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	50	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	12	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	51	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	38	0	38				
116	Sirajganj CCPP 1	Gas (NWPGCL)	1x150+1x75	210	210	172	181	200	200				
117	Sirajganj CCPP 2	Gas (NWPGCL)	1x150 + 1x75	220	220	175	186	200	200				
118	Sirajganj CCPP-3	Gas (NWPGCL)	1x141+1x79	220	220	137	184	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 (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	16	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	34	52	52	52				
	Confidence CPBL-2	HFO (IPP)				0	0	0	0			On Test	
Rajshahi Zone Total				1635	1625	627	851	1002	1137	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	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	0	19	18	19				
Rangpur Zone Total				564	484	149	168	167	185	210	85		
Sub-total: Plants in operation				17764	17221	6022	8345	11256	12437	1550	750		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5624	7793	10511	11614				
Gross Total				17764	17221	6022	8345	11256	12437	1550	750		
(B) Actual data of 22.02.19 (Yesterday) Friday :													
01.	Max. Demand (Generation end)		:	8345.00	MW, at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)		:	7793.00	MW, at = 19:30 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)		:	8345.00	MW, at = 19:30 hrs			MW	MW	MW		MW	MW
04.	Minimum Generation (Generation end)		:	5167.00	MW, at = 5:00 hrs		Dhaka	2598	2598	0	Mymensingh	686	686
05.	Day-peak Generation (Generation end)		:	6022.30	MW, at = 12:00 hrs		Chattogram	831	831	0	Sylhet	302	302
06.	Evening-peak Generation (Generation end)		:	8345.00	MW, at = 19:30 hrs		Khulna	989	989	0	Barishal	202	202
07.	Evening Peak Load-shed (Sub-station end)		:	0.00	MW, at = 19:30 hrs		Rajshahi	897	897	0	Rangpur	554	554
08.	Generation shortfall at evening peak due to :						Cumilla	734	734	0	Total	7793	7793
	a) Gas limitation	:	1182	MW		12.	Fuel cost :		(a) Gas = 87664832 Taka	(c) Coal = 14154234 Taka			
	d) Coal supply Limitation	:	210	MW					(b) Oil = 67308471 Taka	Total = 101819066 Taka			
	b) Low water level in Kaptai lake	:	158	MW									
	c) Plants under shut down/ maintenance	:	750	MW									
09.	Total Energy (Generation + India Import)		:	153.02	MKWh	13.	Maximum Temperature in Dhaka was : 31.1° C						
	By Gas = 121.910 MKWH	By Oil = 9.855 MKWh				14.	Export through East-West interconnections :						
	By Coal = 3.667 MKWH	By Hydro = 1.651 MKWh					At evening peak-hour		:	-240	MW, at 19:30 hrs		
	By Solar= 0.141 MKWH						Maximum		:	-380	MW, at 7:00 hrs		
10.	Total Gas Supplied		:	1083.23	MMCFD		Energy		:	1.4040	MKWh		
(C) Forecast of 23.02.19 (Today) Saturday :													
01.	Maximum Demand		:	8900	MW (Generation end)	04.	Maximum Load-shed		:	0	MW At evening peak (Sub-station end)		
02.	Maximum Generation		:	12437	MW (Generation end)	05.	Total Generation		:	163.20	MKWh		
03.	Maximum Shortage		:	-3537	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :		:	33.7° C			

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

(MONIRUZAMAN)
Deputy Secretary, Generation