



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2019					Day : Sunday				Date : 24.02.19				
Probable Maximum Demand : 9500 MW					Probable Maximum Generation : 12637 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 92.40 ft		Today = 92.21 ft		Rule Curve = 93.75 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.02.19 (Yesterday)		24.02.19 (Today)		23.02.19 (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 :				
									Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date	
(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	180	180	180	180				
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	320	380	360	360				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	108	110	108	108				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	75	74	75	75				
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	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 25.03.19	
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	380	450	450	450				
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	80	100	100				
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	352	377	412	412				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	125	0	0	0	210		Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	116	116	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	6	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	15	100	100				
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	20	100	100				
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	30	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	24	102	102				
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22				
23	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	48	45	58	58				
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	28	33	33	33				
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33				
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	51	47	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	54	54	54	54				
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	35	200	300				
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	16	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	50	100				
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100				
35	Southern Power	HFO (IPP)	3x19.3	55	55	17	36	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	48	45	52	52				
Dhaka Zone Total				6034	5798	2024	2350	3899	4200	355	665		
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	73	71	70	70	159		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	150	150	150	180	30		Gas Shortage	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	26	25	26	26				
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	43	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	41	41	41	42				
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	68	62	68	70				
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	73	73	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	44	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			2	16	12	15				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	40	89	100	100				
Chattogram Zone Total				1761	1681	554	705	773	789	784	0		
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	100	100	100	100				
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	100	150	120	150				
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	80	100	100	100				
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	33	37	40	40				
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	185	197	221	221				
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0				
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	300	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	45	45	20	20				
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	133	150	150				
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	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	100	95	95	95				
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	185	200	200				
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	20	22	22				
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	0	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	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	118	150	100	122				
Cumilla Zone Total				2951	2891	1254	1715	1850	2052	0	0		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	182	176	215	202	26		Gas Shortage	
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	58	79	86	86				
	United Jamalpur PPL	HFO (IPP)				0	0	122	122			On Test	
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	36	170	100	200				
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.8	0	2	0				
Mymensingh Zone Total				530	522	299.8	447	547	632	26	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.02.19 (Yesterday)		24.02.19 (Today)		23.02.19 (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	22	60	0	60				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	53	53	51	51				
81	Fenchuganj (Energypima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	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	11	11	11	11				
84	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	65	66	65	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	136	144	300	300				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	84	85	86				
87	Shajibazar (Energypima)	Gas (RPP)	27x2.0	50	50	48	48	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	0	100	100				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	20	19	20	20				
90	Sylhet (Energypima)	Gas (RPP)	27x2.0	50	50	0	0	24	24				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	25	25	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	310	320	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	1024	1113	1349	1411	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	360	240	410	410				
96	Fairidpur Peaking	HFO (PDB)	8x6.98	54	54	0	38	0	50				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	62	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	115	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	35	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	704	854	718	867				
Khulna Zone Total				2223	2209	1139	1454	1488	1803	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	60	100	100				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	19	24	26	26				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	172	174	177	177				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	51	95	95	95				
Barishal Zone Total				472	462	242	353	398	428	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	70	0	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	50	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	40	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	102	100	100				
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	40	40				
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	8	33	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	38	0	38				
116	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	183	175	170	200				
117	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	194	188	180	200				
118	Sirajganj CCPP-3	Gas (NWPGLCL)	1x141+1x79	220	220	195	180	190	200				
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	290	204	0	0	78		Gas Shortage	
120	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22				
121	Bogura (Energypima)	Gas (RPP)	5x3.3+5x2.0	20	10	16	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	52	52	52	52				
	Confidence CPBL-2	HFO (IPP)				0	0	0	0			On Test	
Rajshahi Zone Total				1635	1625	1080	1111	942	1137	178	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	0	0	19				
Rangpur Zone Total				564	484	149	149	149	185	210	85		
Sub-total: Plants in operation				17764	17221	7766	9397	11395	12637	1553	750		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7395	8948	10851	12033				
Gross Total				17764	17221	7766	9397	11395	12637	1553	750		

(B) Actual data of 23.02.19 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	9397.00	MW,	at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand (Sub-station end)	:	8948.00	MW,	at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	9397.00	MW,	at =	19:00 hrs	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5591.00	MW,	at =	4:00 hrs	Dhaka	3217	3217	0	Mymensingh	731	731
05.	Day-peak Generation (Generation end)	:	7765.80	MW,	at =	12:00 hrs	Chattogram	945	945	0	Sylhet	324	324
06.	Evening-peak Generation (Generation end)	:	9397.00	MW,	at =	19:00 hrs	Khulna	1094	1094	0	Barishal	224	224
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Rajshahi	988	988	0	Rangpur	595	595
08.	Generation shortfall at evening peak due to :						Cumilla	830	830	0	Total	8948	8948
	a) Gas limitation	:	1184	MW			12.	Fuel cost :	(a) Gas = 96249516	Taka	(c) Coal = 14146128	Taka	
	d) Coal supply Limitation	:	210	MW					(b) Oil = 129426912	Taka	Total = 110395644	Taka	
	b) Low water level in Kaptai lake	:	159	MW									
	c) Plants under shut down/ maintenance	:	750	MW			13.	Maximum Temperature in Dhaka was : 32.0° C					
09.	Total Energy (Generation + India Import)	:	178.12	MKWh			14.	Export through East-West interconnections :					
	By Gas =	135.504	MKWH	By Oil =	18.244	MKWh		At evening peak-hour	:	-140	MW,	at	19:00 hrs
	By Coal =	3.665	MKWH	By Hydro =	1.688	MKWh		Maximum	:	-250	MW,	at	20:00 hrs
	By Solar =	0.142	MKWH										
10.	Total Gas Supplied	:	1179.03	MMCFD				Energy	:	0.5460	MKWh		

(C) Forecast of 24.02.19 (Today) Sunday :													
01.	Maximum Demand	:	9500	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	12637	MW	(Generation end)	05.	Total Generation	:	180.07	MKWh			
03.	Maximum Shortage	:	-3137	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	31.5° C				

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation