



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month February, 2019			Day : Wednesday						Date : 20.02.19		
Probable Maximum Demand : 9100 MW			Probable Maximum Generation : 12854 MW								
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 93.02 ft		Today = 92.90 ft		Rule Curve = 94.34 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.02.19 (Yesterday)		20.02.19 (Today)		19.02.19 (Yesterday)		Status of Machines under shut-down/ Maintenance
					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	
					Day	Evening	Day	Evening			
(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	0	320	360	360		
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	108	111	108	108		
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	35	77	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	40	40	40		
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	96	96		
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	420	400	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	360	371	375	375		
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	97	150	200	200	60	Gas Shortage
13	Shiddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	115	115	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	15	100	100		
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	41	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	22	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	16	47	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	14	200	300		
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	46	149	149		
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	200	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	37	55	55		
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	47	46	47	47		
Dhaka Zone Total			6034	5798	1747	2333	3836	4237	320	665	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	75	74	102	104	156	Water Level Low
39	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	120	140	120	140	40	Gas Shortage
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	100	180	130	180		
40	Razzan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25		
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	18	0	20	0		
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	29	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+2x11.3+1x3+1x1.5	51	51	50	42	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	51	68	68		
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	43	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	27	10	15		
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	60	99	100	100		
Chattogram Zone Total			1761	1681	640	894	917	611	0		
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	130	125	130	125		
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	0	0	0	0		
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	135	135	135	135		
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	32	37	33	33		
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	206	165	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	24	5	5		
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	78	8	78		
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	34	45	45	45		
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	3	95	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	8	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	72	105	200	200		
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	20	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	10	52	52		
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	15	22	22		
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200		
**	Tripura	India		160	160	104	124	105	127		
Cumilla Zone Total			2951	2891	1352	1573	1823	2060	0	0	
74	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	155	162	210	170	40	Gas Shortage
75	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22		
76	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	6	86	86	86		
	United Jamalpur PPL	HFO (IPP)				122	0	122	122		On Test
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	100	100	200		
	Sanshabari Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	2	0		
Mymensingh Zone Total			530	522	310	368	542	600	40	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.02.19 (Yesterday)		20.02.19 (Today)		19.02.19 (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	59	60	60				
79	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	61	61	62	62				
80	Fenchuganj (Barakattullah)	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 CAPP	Gas (IPP)	1x109+1x54	163	163	163	130	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
84	Shajbazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	66	69	66	66				
85	Shajbazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	263	255	330	330				
86	Shajbazar (Shajbazar)	Gas (RPP)	32x2.90	86	86	83	84	86	86				
87	Shajbazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	48	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	48	48	100	100				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	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	24	25	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	0	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
	Sylhet Zone Total			1594	1549	960	927	1443	1443	0	0		
94	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
95	Bheramara 360 MW CAPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	400	320	410	410				
96	Fairdip Peaking	HFO (PDB)	8x6.98	54	54	0	52	0	53				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	55	0	70				
98	Khulna CAPP	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+7x1.515	100	100	0	50	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	36	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	701	849	709	858				
	Khulna Zone Total			2223	2209	1176	1517	1479	1797	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	32	100	100				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	23	26	26				
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	174	163	177	177				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	72	95	95	95				
	Barishal Zone Total			472	462	263	313	398	428	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	70	60	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	43	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	33	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	94	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	24	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	31	0	31				
116	Sirajganj CAPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	195	190	200	200				
117	Sirajganj CAPP 2	Gas (NWPGLCL)	1x150+1x75	220	220	198	184	200	200				
118	Sirajganj CAPP-3	Gas (NWPGLCL)	1x141+1x79	220	220	186	191	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 (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	14	17	17				
122	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	10	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	780	956	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	149	149	149	125		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	19	18	19				
	Rangpur Zone Total			564	484	149	185	167	185	210	85		
	Sub-total: Plants in operation			17764	17221	7377	9066	11607	12854	1563	750		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6942	8531	10922	12095			
	Gross Total				17764	17221	7377	9066	11607	12854	1563	750	
(B) Actual data of 19.02.19 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	9066.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end):							
02.	Max. Demand (Sub-station end)	:	8531.00	MW, at = 19:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9066.00	MW, at = 19:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5431.00	MW, at = 5:00 hrs		Dhaka	3043	3043	0	Mymensingh	708	708	0
05.	Day-peak Generation (Generation end)	:	7377.00	MW, at = 12:00 hrs		Chattogram	923	923	0	Sylhet	311	311	0
06.	Evening-peak Generation (Generation end)	:	9066.00	MW, at = 19:00 hrs		Khulna	1043	1043	0	Barishal	202	202	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Rajshahi	984	984	0	Rangpur	607	607	0
08.	Generation shortfall at evening peak due to :					Cumilla	710	710	0	Total	8531	8531	0
	a) Gas limitation	:	1197	MW									
	d) Coal supply Limitation	:	210	MW		12.	Fuel cost:	(a) Gas = 93080153 Taka	(c) Coal = 14129144 Taka				
	b) Low water level in Kaptai lake	:	156	MW				(b) Oil = 125107421 Taka	Total = 107209297 Taka				
	c) Plants under shut down/ maintenance	:	750	MW		13.	Maximum Temperature in Dhaka was :	29.6° C					
09.	Total Energy (Generation + India Import)	:	171.08	MKWh		14.	Export through East-West interconnections :						
	By Gas = 126.832 MKWh	By Oil = 19.253 MKWh					At evening peak-hour	: -30	MW, at	19:00 hrs			
	By Coal = 3.660 MKWh	By Hydro = 1.691 MKWh					Maximum	: -60	MW, at	19:30 hrs			
	By Solar = 0.138 MKWh												
10.	Total Gas Supplied	:	1137.47	MWCFD			Energy	:	0.2440	MKWh			
(C) Forecast of 20.02.19 (Today) Wednesday :													
01.	Maximum Demand	:	9100	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	12854	MW (Generation end)	05.	Total Generation	:	171.72	MKWh				
03.	Maximum Shortage	:	-3754	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	29.9° C					

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation