



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2019			Day : Sunday						Date : 10.02.19		
Probable Maximum Demand :			8900 MW			Probable Maximum Generation :			12255 MW		
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 94.66 ft		Today = 94.50 ft		Rule Curve = 95.88 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.02.19 (Yesterday)		10.02.19 (Today)		09.02.19 (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		
(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	0	0	0	0	190	Gas Shortage
2	Ghorasal CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	380	380	380		
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	108	108	106	106		
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	80	40	40		
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	96	96		
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	360	283	360	360		
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	380	400	450	450		
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage
11	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	300	280	270	270		
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	189	122	100	100	88	Gas Shortage
13	Shiddirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	124	118	120		
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100		
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	30	100	100		
16	Meghnaghat CCGP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0		
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	7	100	100		
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	42	100	100		
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	48	55	55		
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	10	100	100		
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	50	102	102		
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	22	22		
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	50	57	58	58		
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33		
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	8	25	33	33		
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	24	51	52	52		
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149		
28	Kathpolti 52 MW	HFO (IPP)	7x7.90	51	51	0	47	47	47		
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	54	54	54		
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	105	300	300		
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	43	149	149		
32	APR Energy , Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	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	55	55	55		
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	55	37	37		
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	47	49	49		
Dhaka Zone Total				6034	5798	1946	2630	3990	4192	538	0
38	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	70	69	72	72	161	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	130	150	150	150	30	Gas Shortage
40	Razzan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25		
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	13.9	0	20	0		
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	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 CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0		
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	40	40	51	51		
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	0	68	68	68		
48	Julda (Acorn) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	74	74	84	84		
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	68	68		
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	75	60	65		
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	18	19	22	22		
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34	3	3	3	30	15	15		
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	108	106	106	106		
Chattogram Zone Total				1761	1681	456.9	757	791	776	561	0
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	100	100	80	130		
	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	0	0	0	0		
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	10	36	33	33		
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	202	185	221	221		
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	338	309	360	360		
57	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	310	250	360	360		
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5		
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	15	45	45	45		
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	102	150	150		
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	5	50	85	85		
64	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50		
65	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100		
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	17	200	200		
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	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	21	22	22	22		
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200		
**	Tripura	India		160	160	110	130	102	121		
Cumilla Zone Total				2951	2891	1304	1422	1994	2213	0	0
73	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	160	187	180	180	15	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	49	87	87	87		
	United Jamalpur PPL	HFO (IPP)				66	100	57	57		On Test
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	80	100	200		
77	Sanshabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.3	0	2	0		
Mymensing Zone Total				530	522	305.3	476	448	546	15	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.02.19 (Yesterday)		10.02.19 (Today)		09.02.19 (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	30	29	30	30				
79	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60				
80	Fenchuganj (Barakattullah)	Gas (RPP)	19x2.90	51	51	22	50	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	46	44	44				
82	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	130	100	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	67	69	66	66				
85	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	314	300	330	330				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	50	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	48	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	121	113	100	130				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20				
90	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	23	23	23	23				
91	Sylhet (Desti)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	15	25	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	265	265	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	1163	1199	1410	1440	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 (NWPGL)	1 x 278+1 x 132	410	410	330	260	410	410				
96	Fairdip Peaking	HFO (PDB)	8x6.98	54	54	0	35	0	40				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	50	0	80				
98	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	19	66	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	40	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	90	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	612	707	670	869				
Khulna Zone Total				2223	2209	1091	1263	1440	1805	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	11	26	25	26				
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	190	178	194	194				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	41	94	95	95				
Barishal Zone Total				472	462	242	330	414	445	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	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	43				
	Paramount Baghabari	HSD (IPP)				17	0	0	0				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	47	0	47				
111	Ammura	HFO (QRPP)	7x7.79	50	50	12	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	0	100	100				
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	40	40	40				
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	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	0	0	0	0				
117	Sirajganj CAPP 2	Gas (NWPGL)	1x150+1x75	220	220	0	0	0	0	220		Gas Shortage	
118	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	210	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	15	17	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	51	51				
	Confidence CPBL-2	HFO (IPP)				0	0	0	0			On Test	
Rajshahi Zone Total				1635	1625	339	544	531	652	673	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	150	150		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	19	19				
Rangpur Zone Total				564	484	149	185	169	186	210	85		
Sub-total: Plants in operation				17764	17221	6996	8806	11187	12255	1997	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6581	8283	10523	11527				
Gross Total				17764	17221	6996	8806	11187	12255	1997	85		
(B) Actual data of 09.02.19 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	8806.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end):							
02.	Max. Demand (Sub-station end)	:	8283.00	MW, at = 19:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8806.00	MW, at = 19:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	4360.00	MW, at = 5:00 hrs		Dhaka	2954	2954	0	Mymensingh	701	701	0
05.	Day-peak Generation (Generation end)	:	6996.20	MW, at = 12:00 hrs		Chattogram	896	896	0	Sylhet	325	325	0
06.	Evening-peak Generation (Generation end)	:	8806.00	MW, at = 19:00 hrs		Khulna	1014	1014	0	Barishal	204	204	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Rajshahi	908	908	0	Rangpur	545	545	0
08.	Generation shortfall at evening peak due to :					Cumilla	736	736	0	Total	8283	8283	0
	a) Gas limitation	:	1626	MW									
	d) Coal supply Limitation	:	210	MW		12.	Fuel cost:	(a) Gas = 83987434 Taka	(c) Coal = 14122582 Taka				
	b) Low water level in Kaptai lake	:	161	MW				(b) Oil = 95243298 Taka	Total = 98110016 Taka				
	c) Plants under shut down/ maintenance	:	85	MW									
09.	Total Energy (Generation + India Import)	:	156.24	MKWh		13.	Maximum Temperature in Dhaka was :	26.8° C					
	By Gas = 119.721 MKWh			By Oil = 15.758 MKWh		14.	Export through East-West interconnections :						
	By Coal = 3.659 MKWh			By Hydro = 0.869 MKWh			At evening peak-hour	:	-300	MW, at	19:00	hrs	
	By Solar = 0.096 MKWh						Maximum	:	-600	MW, at	1:00	hrs	
10.	Total Gas Supplied	:	1035.70	MMCFD			Energy	:	4.1945	MKWh			
(C) Forecast of 10.02.19 (Today) Sunday :													
01.	Maximum Demand	:	8900	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	12255	MW (Generation end)	05.	Total Generation	:	157.91	MKWh				
03.	Maximum Shortage	:	-3355	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	26.2° C					

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation