



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2019			Day : Friday				Date : 15.02.19					
Probable Maximum Demand : 8200 MW			Probable Maximum Generation : 12979 MW				Rule Curve = 95.04 ft.					
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 93.79 ft		Today = 93.63 ft.		14.02.19 (Yesterday)		15.02.19 (Today)		Status of Machines under shut-down/ Maintenance	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	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	190	190	190	190			
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	300	380	380			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	22	22	0	22			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	20	20	0	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	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 25.3.19
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	370	350	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	375	352	380	380			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	97	72	200	200	138		Gas Shortage
13	Shiddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	113	114	114			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (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 07.3.19
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	15	55	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	40	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	22	22	22			
23	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	52	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	13	21	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	42	51	52	52			
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	12	47	47	47			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	54	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	46	55	200	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	65	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	56	55	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	45	45	49	49			
Dhaka Zone Total			6034	5798	1826	2121	3698	4160	398	665		
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	74	74	184	184	156		Water Level Low
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	130	150	130	130	30		Gas Shortage
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	120	120	120	120			
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	16	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.7	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	50	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	32	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	24	80	80			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	20	20	20			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			2	25	35	30			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	53	106	100	100			
Chattogram Zone Total			1761	1681	657.7	835	1030	1006	601	0		
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	100	80	100	110			
	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	80	80	80			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	35	35	33	33			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	202	186	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	331	272	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	80	300	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	45	45	45	45			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	12	150	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	30	85	85	85			
64	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	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	17	108	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	108	128	96	119			
Cumilla Zone Total			2951	2891	1145	1529	2088	2271	0	0		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	154	154	163	160	48		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	7	86	88	88			
	United Jamalpur PPL	HFO (IPP)				80	0	115	115			On Test
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	120	100	200			
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.2	0	2	0			
Mymensingh Zone Total			530	522	272.2	382	490	585	48	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	14.02.19 (Yesterday)		15.02.19 (Today)		14.02.19 (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	31	30	30				
79	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	61	60	61	61				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	22	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	20	50	44	44				
82	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	100	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
84	Shajbazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	65	57	66	66				
85	Shajbazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	264	262	330	330				
86	Shajbazar (Shajbazar)	Gas (RPP)	32x2.90	86	86	20	86	86	86				
87	Shajbazar (Energyprima)	Gas (RPP)	27x2.0	50	50	20	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	0	0	0				
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	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	25	25	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	250	270	341	341				
	Bibiana- 3	Gas (PDB)				304	0	0	0			On Test	
	Sylhet Zone Total			1594	1549	1289	1088	1311	1311	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	300	250	410	410				
96	Fairdip Peaking	HFO (PDB)	8x6.98	54	54	0	44	0	44				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	8	55	0	70				
98	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	180	175	0	0				
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	0	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	16	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	17	17	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	705	852	566	763				
	Khulna Zone Total			2223	2209	1226	1433	1336	1693	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	18	25	26	26				
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	177	173	177	177				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	0	55	95	95				
	Barishal Zone Total			472	462	195	285	398	428	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	70	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	43	0	50				
	Paramount Baghabari	HSD (IPP)				218	211	215	215				
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	26	70	100	100				
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	40	40				
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	24	50	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	23	0	31				
116	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	183	150	196	196				
117	Sirajganj CAPP 2	Gas (NWPGL)	1x150+1x75	220	220	0	0	200	200	220		Gas Shortage	
118	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	192	145	200	200				
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	300	0	0	-18		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	17	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	43	52	52	52				
	Confidence CPBL-2	HFO (IPP)				0	0	0	0			On Test	
	Rajshahi Zone Total			1635	1625	846	1204	1213	1341	302	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	18	18	18				
	Rangpur Zone Total			564	484	149	184	167	184	210	85		
	Sub-total: Plants in operation			17764	17221	7606	9061	11731	12979	1559	750		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					7143	8509	11016	12188				
	Gross Total			17764	17221	7606	9061	11731	12979	1559	750		
(B) Actual data of 14.02.19 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	9061.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end):							
02.	Max. Demand (Sub-station end)	:	8509.00	MW, at = 19:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9061.00	MW, at = 19:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5570.00	MW, at = 5:00 hrs		Dhaka	3052	3052	0	Mymensingh	710	710	0
05.	Day-peak Generation (Generation end)	:	7605.90	MW, at = 12:00 hrs		Chattogram	918	918	0	Sylhet	305	305	0
06.	Evening-peak Generation (Generation end)	:	9061.00	MW, at = 19:00 hrs		Khulna	1030	1030	0	Barishal	198	198	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Rajshahi	956	956	0	Rangpur	605	605	0
08.	Generation shortfall at evening peak due to :					Cumilla	735	735	0	Total	8509	8509	0
	a) Gas limitation	:	1193	MW		12.	Fuel cost:	(a) Gas = 90419827 Taka	(c) Coal = 14030328 Taka				
	d) Coal supply Limitation	:	210	MW				(b) Oil = 155315936 Taka	Total = 104450155 Taka				
	b) Low water level in Kaptai lake	:	156	MW									
	c) Plants under shut down/ maintenance	:	750	MW		13.	Maximum Temperature in Dhaka was :	30.0° C					
09.	Total Energy (Generation + India Import)	:	173.66	MKWh		14.	Export through East-West interconnections :						
	By Gas = 126.676 MKWH			By Oil = 22.472 MKWh			At evening peak-hour	:	130	MW, at	19:00	hrs	
	By Coal = 3.635 MKWH			By Hydro = 1.686 MKWh			Maximum	:	-160	MW, at	1:00	hrs	
	By Solar = 0.146 MKWH												
10.	Total Gas Supplied	:	1123.36	MMCFD			Energy	:	0.2230	MKWh			
(C) Forecast of 15.02.19 (Today) Friday :													
01.	Maximum Demand	:	8200	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	12979	MW (Generation end)	05.	Total Generation	:	157.16	MKWh				
03.	Maximum Shortage	:	-4779	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	30.4° C					

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

(MONIRUZAMAN)
 Deputy Secretary, Generation