



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2019					Day : Tuesday				Date : 12.02.19					
Probable Maximum Demand : 8900 MW					Probable Maximum Generation : 13069 MW									
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 94.38 ft		Today = 94.26 ft		Rule Curve = 95.56 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.02.19 (Yesterday)		12.02.19 (Today)		11.02.19 (Yesterday)		12.02.19 (Today)		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)				
(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	295	214	310	310				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 CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	280	320	320	320					
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	105	0	0	0					
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	0	0	0					
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					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	340	430	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	0	156	400	400					
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	106	100	210	210	110			Gas Shortage	
13	Siddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	125	125	0	125					
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					
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100					
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	40	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	16	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	58	58	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	25	25	33	33					
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	51	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	0	0	300	300					
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	15	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	35	55	55					
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	56	55	55					
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	11	48	48	48					
Dhaka Zone Total					6034	5798	1631	1920	3873	4198	560	0		
38	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	30	70	70	70	160			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	150	30			Gas Shortage	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	17	25	25	25					
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	18.2	0	20	0					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	45	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					
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	51	50	50	50					
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	50	68	68	68					
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	34	68	68					
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	60	60					
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	20	20	20					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	34	8	34					
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	13	12	106	106					
Chattogram Zone Total					1761	1681	469.2	587	769	775	560	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	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	36	36	33	33					
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	187	185	221	221					
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	312	309	360	360					
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	360	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	34	45	45	45					
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	20	150	150					
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	10	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	96	100	100					
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	50	200	200					
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	8	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	8	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	126	101	122					
Cumilla Zone Total					2951	2891	1361	1515	2013	2184	0	0		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	158	159	163	163	43			Gas Shortage	
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	20	22	22					
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	23	87	87	87					
	United Jamalpur PPL	HFO (IPP)				100	116	115	115				On Test	
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	50	100	200					
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.5	0	2	0					
Mymensingh Zone Total					530	522	312.5	432	489	587	43	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.02.19 (Yesterday)		12.02.19 (Today)		11.02.19 (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	30	30	30	30				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	61	61	61	61				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	49	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	8	11	11	11				
84	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	40	46	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	307	303	330	330				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	84	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	10	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	102	109	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 (Desth)	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	295	250	341	341				
	Bibiana- 3	Gas (PDB)				309	200	100	200			On Test	
Sylhet Zone Total				1594	1549	1345	1433	1511	1641	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	380	350	410	410				
96	Fairdip Peaking	HFO (PDB)	8x6.98	54	54	0	44	0	44				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	52	0	80				
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	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	716	862	724	873				
Khulna Zone Total				2223	2209	1226	1519	1494	1813	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	19	26	26	26				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	176	177	177	177				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	31	95	95	95				
Barishal Zone Total				472	462	226	330	398	428	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)				30	198	205	205				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	47	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	70	100	100				
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	39	40	40				
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	24	43	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	31	0	31				
116	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	120	24	181	181				
117	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	119	146	220	220	74		Gas Shortage	
118	Sirajganj CCPP-3	Gas (NWPGLCL)	1x141+1x79	220	220	192	160	200	200				
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0	282		Gas Shortage	
120	Bogura (GGB)	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)				11	0	0	0			On Test	
Rajshahi Zone Total				1635	1625	629	943	1138	1259	527	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	7349	8863	11852	13069	1900	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6894	8315	11119	12261				
Gross Total				17764	17221	7349	8863	11852	13069	1900	85		

(B) Actual data of 11.02.19 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	8863.00	MW,	at =	19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand (Sub-station end)	:	8315.00	MW,	at =	19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	8863.00	MW,	at =	19:30 hrs	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5390.00	MW,	at =	5:00 hrs	Dhaka	2918	2918	0	Mymensingh	703	703
05.	Day-peak Generation (Generation end)	:	7348.70	MW,	at =	12:00 hrs	Chattogram	883	883	0	Sylhet	327	327
06.	Evening-peak Generation (Generation end)	:	8863.00	MW,	at =	19:30 hrs	Khulna	1025	1025	0	Barishal	209	209
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs	Rajshahi	941	941	0	Rangpur	578	578
08.	Generation shortfall at evening peak due to :						Cumilla	731	731	0	Total	8315	8315
	a) Gas limitation	:	1530	MW			12.	Fuel cost :	(a) Gas = 91390120	Taka	(c) Coal = 14133390	Taka	
	d) Coal supply Limitation	:	210	MW					(b) Oil = 97839672	Taka	Total = 105523510	Taka	
	b) Low water level in Kaptai lake	:	160	MW									
	c) Plants under shut down/ maintenance	:	85	MW			13.	Maximum Temperature in Dhaka was : 27.4° C					
09.	Total Energy (Generation + India Import)	:	168.63	MKWh			14.	Export through East-West interconnections :					
	By Gas = 126.801	MKWH	By Oil = 17.958	MKWh				At evening peak-hour	:	30	MW,	at	19:30 hrs
	By Coal = 3.662	MKWH	By Hydro = 0.700	MKWh				Maximum	:	-360	MW,	at	1:00 hrs
	By Solar = 0.143	MKWH											
10.	Total Gas Supplied	:	1071.05	MMCFD				Energy	:	1.5330	MKWh		

(C) Forecast of 12.02.19 (Today) Tuesday :													
01.	Maximum Demand	:	8900	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation	:	13069	MW	(Generation end)		05.	Total Generation	:	169.33	MKWh		
03.	Maximum Shortage	:	-4169	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	27.6° C			

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

(MONIRUZAMAN)
Deputy Secretary, Generation