



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2019				Day : Monday				Date : 04.02.19				
Probable Maximum Demand : 8900 MW				Probable Maximum Generation : 11693 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 95.52 ft	Today = 95.40 ft	Rule Curve = 96.58 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.02.19 (Yesterday)		04.02.19 (Today)		03.02.19 (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	0	0	0	0	190		Gas Shortage
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	300	380	380			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	108	108	108	108			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	60	40	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	0	0	0	40		Gas Shortage
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	358	358	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	380	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	360	360	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	125	0	0	0			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	7	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	7	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	40	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	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	2	48	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	50	50	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	16	33	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	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	0	47	47	47			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	54	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	148	97	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	115	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	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	31	30	30			
Dhaka Zone Total				6034	5798	2135	2336	3889	4089	700	0	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	65	65	65	65	165		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	0	0	0	0	180		Gas Shortage
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	26	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.9	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	46	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	206	206	206	206	19		Gas Shortage
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	40	51	51	51			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	68	68	68			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	84	84	84	84			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	22	68	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	50	50			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
*	Malancha, Ctg. EPZ (United)	Gas	5x8.73+3x9.34			2	33	2	33			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	90	90	90			
Chattogram Zone Total				1761	1681	510.9	716	801	812	734	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	80	80	100	100			
	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	36	36			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	204	200	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	338	331	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	320	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	45	45	45	45			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	135	0	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	5	5	40	40			
64	Titas (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	0	105	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22			
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	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	0	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	18	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	119			
Cumilla Zone Total				2951	2891	1301	1618	1822	2139	135	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	123	92	85	85	110		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	85	86	87	87			
	United Jamalpur PPL	HFO (IPP)				36	38	36	36			On Test
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	60	156	100	200			
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0			
Mymensingh Zone Total				530	522	328.1	394	332	430	110	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.02.19 (Yesterday)		04.02.19 (Today)		03.02.19 Gen. shortfall for : Gas/water/Coal limitation MW	03.02.19 (Yesterday) Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)				Description/ Remarks	Probable start-up date
						Day	Evening	Day	Evening				
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	53	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
82	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	163	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	70	72	72				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0		330	Under Maintenance	05.02.19
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	40	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	46	48	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	88	94	100	130				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	20	20	20				
90	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	23	23	23	23				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	22	25	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	290	341	341				
	Bibiana- 3	Gas (PDB)				311	309	320	320			On Test	
Sylhet Zone Total				1594	1549	1246	1297	1407	1437	0	330		
94	Bheramara GT- Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
95	Bheramara 360 MW CCPP	Gas (NWPGCL)	1 x 278+1 x 132	410	410	340	230	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	0	0	0				
98	Khulna CCPP	HSD (NWPGCL)	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	20	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	70	53	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	603	697	613	711				
Khulna Zone Total				2223	2209	1053	1199	1383	1571	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	80	100	100				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	27	27	27				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	141	145	150	150				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	81	97	95	95				
Barishal Zone Total				472	462	239	349	372	402	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	50	0	50				
	Paramount Baghabari	HSD (IPP)				14	0	0	0				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	30	0	30				
111	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	43	43				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	25	102	100	100				
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	6	40	40				
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	8	16	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	29	0	29				
116	Sirajganj CCPP 1	Gas (NWPGCL)	1x150+1x75	210	210	167	159	0	0				
117	Sirajganj CCPP 2	Gas (NWPGCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
118	Sirajganj CCPP-3	Gas (NWPGCL)	1x141+1x79	220	220	164	163	195	195				
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	18	22	22	22				
121	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	12	16	15	15				
122	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	42	51	43	43				
	Confidence CPBL-2	HFO (IPP)				11	0	0	0			On Test	
Rajshahi Zone Total				1635	1625	522	705	519	628	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	148	149	150	150	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	18				
Rangpur Zone Total				564	484	148	149	150	185	210	85		
Sub-total: Plants in operation				17764	17221	7483	8763	10675	11693	2562	415		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7118	8335	10154	11122				
Gross Total				17764	17221	7483	8763	10675	11693	2562	415		

(B) Actual data of 03.02.19 (Yesterday) Sunday :										
01.	Max. Demand (Generation end)	:	8763.00	MW,	at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :		
02.	Max. Demand (Sub-station end)	:	8335.00	MW,	at =	19:00 hrs	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8763.00	MW,	at =	19:00 hrs	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5358.00	MW,	at =	5:00 hrs	Dhaka	2972	2972	0
05.	Day-peak Generation (Generation end)	:	7483.00	MW,	at =	12:00 hrs	Chattogram	854	854	0
06.	Evening-peak Generation (Generation end)	:	8763.00	MW,	at =	19:00 hrs	Khulna	1007	1007	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Rajshahi	971	971	0
08.	Generation shortfall at evening peak due to :						Cumilla	707	707	0
	a) Gas limitation	:	2187	MW			12.	Fuel cost :	(a) Gas = 88898863 Taka	(c) Coal = 14086684 Taka
	d) Coal supply Limitation	:	210	MW				(b) Oil = 121070342 Taka	Total = 102985547 Taka	
	b) Low water level in Kaptai lake	:	165	MW						
	c) Plants under shut down/ maintenance	:	415	MW						
09.	Total Energy (Generation + India Import)	:	168.74	MKWh			13.	Maximum Temperature in Dhaka was : 28.4° C		
	By Gas = 129.946 MKWH	By Oil =	18.376	MKWh			14.	Export through East-West interconnections :		
	By Coal = 3.649 MKWH	By Hydro =	0.857	MKWh				At evening peak-hour	:	-500 MW, at 19:00 hrs
	By Solar= 0.144 MKWH							Maximum	:	-580 MW, at 1:00 hrs
10.	Total Gas Supplied	:	1027.42	MMCFD				Energy	:	4.9725 MKWh

(C) Forecast of 04.02.19 (Today) Monday :									
01.	Maximum Demand	:	8900	MW	(Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)
02.	Maximum Generation	:	11693	MW	(Generation end)	05.	Total Generation	:	171.38 MKWh
03.	Maximum Shortage	:	-2793	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	27.1° C

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation