



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2019					Day : Friday					Date : 01.02.19				
Probable Maximum Demand : 8200 MW					Probable Maximum Generation : 12055 MW									
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 96.16 ft					Today = 95.96 ft				
					Rule Curve = 97.00 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.01.19 (Yesterday)		01.02.19 (Today)		31.01.19 (Yesterday)		01.02.19 (Today)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :					
					Day	Evening	Day	Evening	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	285	148	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	250	330	380	380	35			Gas Shortage	
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0					
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	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	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	289	340	360	360					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	350	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	358	350	412	412					
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	39	92	100	100					
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	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	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	8	100	100					
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	63	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	0	102	102	102					
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	22	22					
23	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	47	57	50	50					
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	33	33	33	33					
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	51	33	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	47	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	200	300	300					
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	15	32	149	149					
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300					
33	Bramhangaan 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	36	37	55	55					
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	30	29	30	30					
Dhaka Zone Total					6034	5798	1967	2467	3833	4033	525	0		
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	75	75	110	110	155			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	16	25	25	25					
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	20	0	20	0					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	47	47	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	151	151	151	151	74			Gas Shortage	
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	40	40	40	40					
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	40	60	68	68					
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	84	84	90	90					
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	68	68	68					
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	22	70	70					
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	22	22					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			7	36	15	30					
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	26	24	93	106					
Chattogram Zone Total					1761	1681	527	653	822	830	779	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	150	100	150					
	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	40	40					
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	200	192	221	221					
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	320	316	360	360					
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	260	260	260	260					
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	73					
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	45	40	45					
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	51	150	0	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	0	0	50					
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	100	100					
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	34	140	200	200					
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	19	22	22					
68	Feni, Mohalpur (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	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	15	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	76	120	108	127					
Cumilla Zone Total					2951	2891	1243	1586	1772	2211	135	0		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	101	103	120	150	99			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	87	87	87	87					
	United Jamalpur PPL	HFO (IPP)				9	0	0	0				On Test	
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	90	200	100	200					
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	2	0					
Mymensingh Zone Total					530	522	309	412	331	459	99	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.01.19 (Yesterday)		01.02.19 (Today)		31.01.19 (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	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	25	50	44	44				
82	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	100	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
84	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	68	54	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	50	84	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	48	48	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	78	80	100	140				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	20	20	0	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	0	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	17	25	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	310	341	341				
	Bibiana- 3	Gas (PDB)				307	240	320	320			On Test	
Sylhet Zone Total				1594	1549	1179	1198	1371	1441	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 (NWPGCL)	1 x 278+1 x 132	410	410	270	287	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	75	0	92				
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	0	100	100				
101	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	32	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	70	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	577	691	458	705				
Khulna Zone Total				2223	2209	957	1349	1228	1657	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	16	80	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	24	15	15				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	71	73	115	120				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	95	98	95	95				
Barishal Zone Total				472	462	199	275	335	370	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)				0	1	0	0				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	41	0	40				
111	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	40	50				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	26	102	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	29	29	0	29				
116	Sirajganj CCPP 1	Gas (NWPGCL)	1x150+1x75	210	210	147	138	210	210				
117	Sirajganj CCPP 2	Gas (NWPGCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
118	Sirajganj CCPP-3 GT	Gas (NWPGCL)	1x141	141	141	140	140	187	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	12	15	15	15				
122	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
122	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	51	52	52				
	Confidence CPBL-2	HFO (IPP)				7	0	0	0			On Test	
Rajshahi Zone Total				1556	1546	520	700	727	869	673	0		
123	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	
124	Barapukuria ST-Unit - 3	Coal (PDB)	1 x 274	274	274	149	140	150	150	134		Coal Shortage	
125	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	17				
126	Syedpur GT	HSD (PDB)	1 x 20	20	20	19	13	0	18				
Rangpur Zone Total				564	484	168	153	150	185	219	85		
Sub-total: Plants in operation				17685	17142	7069	8793	10569	12055	2430	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6695	8328	10010	11417				
Gross Total				17685	17142	7069	8793	10569	12055	2430	85		

(B) Actual data of 31.01.19 (Yesterday) Thursday :														
01.	Max. Demand (Generation end)	:	8793.00	MW,	at =	19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	8328.00	MW,	at =	19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8793.00	MW,	at =	19:30 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5409.00	MW,	at =	5:00 hrs	Dhaka	2928	2928	0	Mymensingh	710	710	0
05.	Day-peak Generation (Generation end)	:	7069.00	MW,	at =	12:00 hrs	Chattogram	886	886	0	Sylhet	318	318	0
06.	Evening-peak Generation (Generation end)	:	8793.00	MW,	at =	19:30 hrs	Khulna	1004	1004	0	Barishal	167	167	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs	Rajshahi	968	968	0	Rangpur	605	605	0
08.	Generation shortfall at evening peak due to :						Cumilla	742	742	0	Total	8328	8328	0
	a) Gas limitation	:	2056	MW			12.	Fuel cost :	(a) Gas = 85986506	Taka	(c) Coal = 14021836	Taka		
	d) Coal supply Limitation	:	219	MW					(b) Oil = 171576366	Taka	Total = 100008342	Taka		
	b) Low water level in Kaptai lake	:	155	MW										
	c) Plants under shut down/ maintenance	:	85	MW										
	Total Energy (Generation + India Import)	:	168.27	MKWh			13.	Maximum Temperature in Dhaka was : 23.9° C						
	By Gas = 124.195	MKWH	By Oil = 23.659	MKWh			14.	Export through East-West interconnections :						
	By Coal = 3.633	MKWH	By Hydro = 1.812	MKWh				At evening peak-hour : -520 MW, at 19:30 hrs						
	By Solar= 0.149	MKWH						Maximum : -680 MW, at 24:00						
10.	Total Gas Supplied	:	992.63	MMCFD				Energy : 5.4620 MKWh						

(C) Forecast of 01.02.19 (Today) Friday :														
01.	Maximum Demand	:	8200	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	12055	MW	(Generation end)		05.	Total Generation	:	156.92	MKWh			
03.	Maximum Shortage	:	-3855	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	23.9° C				

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation