Office of the Member, Generation

SI. No.	February, 2019 Probable Maximum Demand: Water Level of Kaptai Lake at 06 Name of Powers		9000	MW Yesterday =	94.50	Day:				12649	Date : MW Rule Curve =	11.02.19	ft			
SI. No.	Water Level of Kaptai Lake at 06		3000	Yesterday =	94.50	ft						95.60	ft			
SI. No.						Probable Maximum Generati  = 94.50 ft Today = 94.38 ft.										
				Nos. of Unit X Capacity (MW)	Installed	Derated/	10.02.19	(Yesterday)	11.02.19 (Today)		10.02.19	(Yesterday)	Status of Machines under			
					Capacity (MW)	Present Capacity	Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. sh Gas/water/Coal	ortfall for : Machines	shut-down/ Main			
					()	(MW)	General	ion (mw)	Genera	ition (inivi)	limitation	shut down	Description/ Remarks	Probable start-up		
/A:	Diameter in						Day	Evening	Day	Evening	MW	(MW)		date		
(A) 1	Plants in operation: a) Ghorasal ST:Unit -1	Gas	(PDB)	1 x 55	55	40	0	0	0	0	40		Gar Shorters			
'	a) Ghorasal ST:Unit -1 b) Ghorasal ST:Unit -2	Gas	(PDB)	1 x 55	55	40	35	35	35	35	40		Gas Shortage			
	c) Ghorasal: Unit-3 GT	Gas	(PDB)	1 x 210	210	170	0	272	304	304			On Test			
	d) Ghorasal Unit-4 (repowering project) (e) Ghorasal ST:Unit-5	Gas	(PDB) (PDB)	1 x 210 1 x 210	210 210	180 190	0	0	0	0	400		On Test			
2	Ghorasal CCPP:Unit-7	Gas	(PDB)	1x 254+1x 126	365	365	290	280	380	380	190		Gas Shortage			
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	108	108	106	106						
- 4 - 5	Ghorasal 78.5MW (Max)	Gas	(QRPP) (PDB)	2x40 1 x 105	78 105	78 105	40 0	40 0	40 0	40 0	405		Can Chadana			
6	Tongi GT Horipur GT: Unit-1,2	Gas	(PDB)	2 x 32	64	40	40	40	40	40	105		Gas Shortage			
7	Horipur NEPC (HFO)	HFO	(IPP)	8x15	110	110	0	0	96	96						
8	Horipur Power CCPP	Gas	(IPP)	1x235+1x125 2x140+1x170	360	360	275	245	0	0						
10	Meghnaghat CCPP Shiddirganj ST	Gas	(IPP) (PDB)	1 x 210	450 210	450 115	320 0	360 0	450 0	450 0	115		Gas Shortage			
11	Horipur 412MW CCPP	Gas	(EGCB)	1x273+1x139	412	412	250	220	0	320						
12	Shiddirganj GT:Unit-1&2	Gas	(EGCB)	2 x 105	210	210	73	120	140	130	90		Gas Shortage			
13 14	Siddhirganj CCPP-335 MW GT Siddirganj (Desh)	Gas	(EGCB) (QRPP)	1 x 217 96x1.2	217 100	217 100	120 0	124 0	120 100	120 100						
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	0 100	0 100						
17 18	Meghnaghat (IEL) Madanganj (Summit)	HFO HFO	(QRPP) (QRPP)	12x8.9 6x17	100	100	0	15	100	100						
19	Madanganj-55 MW	HFO	(IPP)	5x17.08+1x11.3	55	55	7	48	55	55						
20	Keranigonj (Powerpac)	HFO.	(QRPP)	8x13.45	100	100	0	0	100	100						
21	Gagnagar (Orion) Narshingdi (Doreen)	HFO Gas	(IPP) (SIPP, REB)	12x8.924 8x2.90	102 22	102 22	0 22	40 22	102 22	102 22						
23	Summit Power,(Madhabdi+Ashulia)	Gas	(SIPP, REB)	6x3.67+7x8.73	80	80	57	58	58	58						
24	Summit Power, Maona	Gas	(SIPP, REB)	4x8.73	33	33	33	33	33	33						
25 26	Summit Power, Rupganj Gazipur (RPCL)	Gas HFO	(SIPP, REB) (RPCL)	4x8.73 6x8.90	33 52	33 52	17 52	25 51	33 52	33 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	6	6	47	47						
29 30	Kamalaghat Munshiganj (Banco Energy) Summit Gazipur-2	HFO HFO	(IPP)	3x18.69 18x17.076	54 300	54 300	17 0	54 94	54 300	54 300						
31	Summit Gazipur-2 Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	0	73	149	149						
32	APR Energy , Keranigonj	HSD	(IPP)	256x1.4	300	300	0	0	300	300						
33 34	Bramhangoan 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100 100	100 100	0	0	0	100						
35	Aourahati 100MW (Aggreco) Southern Power	HSD	(IPP)	23x0.85+91x.959 3x19.3	100 55	100 55	0	0 35	0 55	100 55						
36	Northern 55 MW	HFO	(IPP)	3x19.3	55	55	18	18	37	37						
37	Bosila 108 MW (CLC)	HFO	(IPP)	12x8.775+1x3.5	108	108	0	8	49	49		_				
38	Dhaka Zone Total Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	<b>6034</b> 230	<b>5798</b> 230	1780 70	2424 68	3706 72	4216 72	540 162	0	Water Level Low			
39	a) Chattogram ST:Unit -1	Gas	(PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage			
- 10	b) Chattogram ST:Unit -2	Gas	(PDB)	1 x 210	210	180	150	150	150	150	30		Gas Shortage			
40	Raozan 25 MW (RPCL) Teknaf Solartech 20MW	HFO Solar	(RPCL) (IPP)	3x8.9 1x20	25 20	25 20	25 15.24	25 0	25 20	25 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 Sikalbaha 225 MW CCPP (Dual Fuel)	Gas	(PDB) (PDB)	1 x 150 1 x 150+1 x 75	150 225	150 225	0	0	0	0	150		Gas Shortage			
46	Sikalbaha (Energis)	HFO	(RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	40	51	51						
47	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	40	58	68	68						
48 49	Juldah (Acorn) 100 MW Unit-3 Dohazari-Kalaish Peaking	HFO HFO	(IPP) (PDB)	8x13.45 6x17.0	100	100 102	74 0	74 68	84 68	84 68						
50	Hathazari Peaking	HFO	(PDB)	11x8.9	98	98	0	48	60	65						
51	Barabkunda (Regent)	Gas	(SIPP, PDB)	8x2.90	22	22	19	19	22	22						
52	Malancha, Ctg.EPZ (United) Chattogram ECPV 108 MW	Gas	(IDD)	5x8.73+3x9.34	100	108	3 48	3 106	15 106	15 106						
52	Chattogram ECPV 108 MW  Chattogram Zone Total	HFO	(IPP)	16x7.00	108 1761	1681	48 534.24	709	791	776	562	0				
	a) Ashuganj ST:Unit-3	Gas	(APSCL)	1 x 150	150	135	80	80	100	130						
1	b) Ashuganj ST:Unit-4	Gas	(APSCL)	1 x 150	150	129	0	0	0	0						
54	c) Ashuganj ST:Unit-5 Ashuganj Engines	Gas	(APSCL)	1 x 150 14x3.968	150 53	134 45	10	0 36	33	33						
55	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	235	185	221	221						
56	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	305	305	360	360						
57 58	Ashuganj CCPP(North) Ashuganj (Precision)	Gas	(APSCL) (RPP)	1x361 15*4	360 55	360 55	300 5	280 5	360 5	360 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 62	Ashuganj (Midland) Ashuganj 150MW Midland	Gas	(IPP)	6x9.34 23x7.015	51 150	51 150	20 12	13 11	45 150	45 150						
63	Brahmanbaria (Aggreko)	Gas	(QRPP)	86x1.10	85	85	5	5	85	85						
64	Titas (Daudkandi) Peaking	HFO	(PDB)	6x8.92	52	52	0	0	0	50						
	Chandpur CCPP	Gas	(PDB)	1X106+1x57	163	163	100	100 17	100 200	100 200						
66 67	Chandpur 200MW Desh energy Feni (Doreen)	HFO Gas	(IPP) (SIPP, PDB)	12x18.415 8x2.90	200	200	22	22	200	200						
68	Feni, Mohipal (Doreen)	Gas	(SIPP, REB)	4x2.90	11	11	8	11	11	11						
69	Jangalia (Summit)	Gas	(SIPP, PDB)	4x8.73	33	33	25	25	33	33						
70 71	Jangalia (Lakdanavi) Summit Power, Cumilla	HFO Gas	(IPP) (SIPP, REB)	6x8.92 3x3.67+2x6.97	52 25	52 25	0 21	0 22	52 22	52 22						
72	Daudkandi 200 MW	HSD	(SIPP, REB)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200						
**	Tripura		India		160	160	106	128	102	121						
	Cumilla Zone Total	C	(IDD)	Augr. 4. 70	2951	2891	1267	1258	2014	2213	0	0	Car Obert			
73	RPCL CCPP Tangail (Doreen)	Gas	(IPP) (SIPP, PDB)	4x35+1x70 8x2.90	210	202	170 22	146 22	180 22	180 22	56		Gas Shortage			
						95	87	80	87	87						
74 75	Jamalpur IPP	HFO	(IPP)	12x8.924	95	30	01		01							
74 75	United Jamalpur PPL	HFO	(IPP)				23	116	57	57			On Test			
74 75 76				12x8.924 21x9.780 12x8.924	200	200							On Test			

SI. No.	Name of Powe	Nos. of Unit X	Capacity	Derated/	10.02.19 (Yesterday)		11.02.19 (Today)		10.02.19 (Yesterday)		Status of Machines under			
				Capacity (MW)	Present Capacity (MW)		I Peak	Probable Peak			ortfall for :	shut-down/ Mair		
						General	tion (MW) Generation (MW)		Gas/water/Coal limitation	Machines shut down	Description/ Remarks	Probable start-up		
							Day	Evening	Day	Evening	MW	(MW)		date
78	Fenchuganj CCPP-1	Gas	(PDB)	2x32+1x33	97	70	29	30	30	30				
79 80	Fenchugani (CPP-2	Gas	(PDB)	2x35+1x35 19x2.90	104	90	60	61	60 51	60				
80	Fenchuganj (Barakatullah) Fenchuganj (Energyprima)	Gas	(RPP) (RPP)	19x2.90 12x3.3+5x2.0	51 44	51 44	48 46	50 40	51 44	51 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	11	11	11	11				
84	Shajibazar GT:Unit-8,9	Gas	(PDB)	2x35	70	66	63	71	66	66				
85	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	304	302	330	330				
86 87	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86 50	86 50	5 5	5 48	86 50	86 50				
88	Shajibazar (Energyprima) Sylhet 150MW GT	Gas Gas	(PDB)	27x2.0 1x142	142	142	109	107	110	130				
89	Sylhet 20MW GT	Gas	(PDB)	1 x 20	20	20	0	0	20	20				
90	Sylhet (Enegyprima)	Gas	(RPP)	27x2.0	50	50	22	24	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	24	25	25	25				
93	Summit Bibiana- 2	Gas	(IPP)	1x222+1x119	341	341	280	280	341	341				
	Bibiana- 3	Gas	(PDB)		1594	1549	0 1146	0 1164	0 1420	0 1440	•	0	On Test	
94	Sylhet Zone Total Bheramara GT: Unit-1,2,3	HSD	(PDB)	3 x 20	60	46	0	0	0	46	0	U		
95	Bheramara 360 MW CCPP	Gas	(NWPGCL)	1 x 278+1 x 132	410	410	300	360	410	410				
96	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	41	0	40				
97	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	0	48	0	80				
98	Khulna CCPP	HSD	(NWPGCL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO	(QRPP)	7x17	115	115	16	115	115	115				
100	Bangla Trac (Noapara)	HSD	(IPP)	70x1.4+7x1.515	100 40	100 40	40	0 40	100 40	100				
101	Noapara (Khanjahan Ali) Labon Chora 105 MW	HFO HFO	(QRPP) (IPP)	5x8.5 6x18.445	105	105	40 105	105	40 105	40 105				
**	Bheramara HVDC Interconnector	111.0	India	UA 10.440	1000	1000	661	858	732	869				
	Khulna Zone Total			1	2223	2209	1122	1567	1502	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	48	100	100				
105	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	17	26	25	26				
106	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	177	177	194	194				
107	Bhola Agreeko 95 MW  Barishal Zone Total	Gas	(QRPP)	1.1x96	95 <b>472</b>	95 <b>462</b>	96 290	96 347	95 414	95 445	0	0		
108	a) Baghabari GT	Gas	(PDB)	1 x 71	71	71	0	0	0	0	71	J	Gas Shortage	
.30	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)				5	27	0	0				
110	Bera Peaking	HFO	(PDB)	9x8.29	71	71	0	35	0	47				
111	Amnura	HFO	(QRPP)	7x7.79	50	50	40	40	40	40				
112	Chapainawabganj-100 MW Katakhali Peaking	HFO HFO	(PDB) (PDB)	12x8.924 6x8.7	104 50	104 50	24 0	68 40	100 40	100 40				
114	Katakhali (Northern)	HFO	(QRPP)	6x8.9	50	50	27	50	50	50				
115	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	0	31	0	31				
116	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	0	10	160	170				
117	Sirajganj CCPP 2	Gas	(NWPGCL)	1x150 + 1x75	220	220	0	0	190	200	220		Gas Shortage	
118	Sirajgonj CCPP-3	Gas	(NWPGCL)	1x141+1x79	220	220	172	198	200	200	200			
119 120	Sirajgonj Unit-4 GT(Gas)	Gas	(IPP) (RPP)	1x282 6x4.0	282	282 22	0 22	22	0 22	0 22	282		Gas Shortage	
120	Bogura (GBB) Bogura (Engergyprima)	Gas	(RPP)	5x3.3+5x2.0	20	10	14	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	43	51	51				
	Confidence CPBL-2	HFO	(IPP)				0	0	0	0			On Test	
<u> </u>	Rajshahi Zone Total		mar:		1635	1625	358	635	881	1022	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
125	b) Barapukuria ST:Unit - 2	Coal	(PDB)	1 x 125 1 x 274	125	85	0 149	0 149	0 150	0 150	85 125		Coal Shortage	
125	Barapukuria ST:Unit - 3 Rangpur GT	Coal	(PDB) (PDB)	1 x 2/4 1 x 20	274	274 20	0	149	0	17	125		Coal Shortage	
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 operat	ion			17764	17221	7006	8733	11345	12649	2041	85		
Available	Power at Sub-station end excludin		iliary use and Tra	nsmission loss			6652	8291	10771	12009				
	Gross Total				17764	17221	7006	8733	11345	12649	2041	85		
/D\	Against data	40.00 **	) /V41. \	Constant		•	•		•	•	•			
(B) 01.	Actual data of  Max. Demand (Generation end)	10.02.1	9 (Yesterday)	Sunday 8733.00	: MW. at=	19:00 hrs	11.	Zone wice Do	mand and !	oad-shed at Eve	ning Deak (C	h-station and\.		
01.	Max. Demand (Generation end)  Max. Demand (Sub-station end)				MW, at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end	i)			MW, at=	19:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation er				MW, at=	5:00 hrs	Dhaka	2904	2904	0	Mymensingh	729	729	0
05.	Day-peak Generation (Generation e		:	7006.34	MW, at=	10:00 hrs	Chattogram	893	893	0	Sylhet	326	326	0
06.	Evening-peak Generation (Generation		:		MW, at=	19:00 hrs	Khulna	1027	1027	0	Barishal	199	199	0
07.	Evening Peak Load-shed (Sub-station		:	0.00	MW, at =	19:00 hrs	Rajshahi	927	927	0	Rangpur	582	582	0
08.	Generation shortfall at evening peak	due to :		1000	A MAZ		Cumilla	704	704	0	Total	8291	8291	0
	a) Gas limitation		:		MW		12.	Fuel cost :	(a) Gas = (b) Oil =	87236871 103170499		(c) Coal =	14103668 101340539	Taka
1	d) Coal supply Limitation b) Low water level in Kaptai lake		:		MW		i		(D) OII =	103170499	ıdıd	Total =	101340339	Taka
1	c) Plants under shut down/ maintena	ance	:		MW		13	Maximum Ten	nperature in D	haka was :	26.7° C			
09.	Total Energy (Generation + India Im				MKWh		14.			terconnections :				
	By Gas =	By Oil =		MKWh	l	At evening per	ak-hour	:		MW, at	19:00 hrs			
	By Coal =	By Hydro =	0.920	MKWh	l	Maximum		:	-600	MW, at	1:00 hrs			
40	By Solar=	0.11	9 MKWH	4000 75	MMOED		ł	F			4 4045	MICAN		
10.	Total Gas Supplied			1080.75	MMCFD		<u> </u>	Energy		:	4.1945	MKWh		
(C)	Forecast of	11 02 1	(Today)	Monday										

03. Maximum Shortage
\* Captive Power \*\* Imported Power  $\hbox{\#Remarks: Highest Generation 11623MW on 19-09-2018 at } 19:30$ 

(C)

01. Maximum Demand

02. Maximum Generation

Forecast of 11.02.19

(Today)

9000 MW

12649 MW

-3649 MW

Monday

(MONIRUZZAMAN)
Deputy Secretary, Generation

MW

MKWh

0

169.87

25.9° C

At evening peak (Sub-station end)

04.

05.

06.

Maximum Load-shed Total Generation

Probable Max. Temperature in Dhaka:

(Generation end)

(Generation end)

(Generation end)