



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2019					Day : Saturday				Date : 09.02.19					
Probable Maximum Demand :					8900 MW		Probable Maximum Generation :					11756 MW		
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 94.79 ft		Today = 94.06 ft		Rule Curve = 95.88 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.02.19 (Yesterday)		09.02.19 (Today)		08.02.19 (Yesterday)		09.02.19 (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	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 CAPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	280	380	380	380					
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	80	80					
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	95	95					
8	Horipur Power CAPP	Gas (IPP)	1x235+1x125	360	360	283	339	360	360					
9	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	350	380	450	450					
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115			Gas Shortage	
11	Horipur 412MW CAPP	Gas (EGCB)	1x273+1x139	412	412	287	290	300	300					
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	95	90	105	105	120			Gas Shortage	
13	Siddhirganj CAPP-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 CAPP (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	35	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	7	102	102					
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22					
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	47	47	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	0	44	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	17	35	54	54					
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	65	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	0	55	55					
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	55	37	37					
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	48	49	49					
Dhaka Zone Total				6034	5798	1471	2029	3800	4000	610	0			
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	71	71	72	72	159			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	110	110	110	110	70			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	0	0	20	0					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	46	45	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 CAPP (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	40	40	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	74	74	84	84					
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	0	68	68					
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	40	60	65					
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			26	40	15	25					
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	90	106	106					
Chattogram Zone Total				1761	1681	412	622	751	746	599	0			
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	125	80	130					
	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	10	36	33	33					
55	Ashuganj CAPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	228	150	221	221					
56	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	272	305	360	360					
57	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	300	0	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	44	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	100	150	150					
63	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	5	85	85	85					
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50					
65	Chandpur CAPP	Gas (PDB)	1X106+1x57	163	163	102	100	100	100					
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	97	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	11	11	11					
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	8	25	33	33					
70	Jangalia (Lakdnavi)	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)	8x11.4+4x11.515+15x1.05	200	200	0	0	100	200					
**	Tripura	India		160	160	0	122	104	121					
Cumilla Zone Total				2951	2891	1122	1299	1996	2213	0	0			
73	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	108	110	108	110	92			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	72	87	87					
	United Jamalpur PPL	HFO (IPP)				57	77	57	57				On Test	
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	24	50	100	200					
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.9	0	2	0					
Mymensingh Zone Total				530	522	299.9	331	376	476	92	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.02.19 (Yesterday)		09.02.19 (Today)		08.02.19 (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	29	28	30	30				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	53	51	51				
81	Fenchuganj (Energypima)	Gas (RPP)	12x3.3+5x2.0	44	44	49	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	66	45	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	311	300	308	280				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	84	86	86				
87	Shajibazar (Energypima)	Gas (RPP)	27x2.0	50	50	20	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	100	104	100	130				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	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	17	17	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	270	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	1108	1252	1388	1390	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	320	300	410	410				
96	Fairdipr Peaking	HFO (PDB)	8x6.98	54	54	0	38	0	40				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	50	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	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	0	32	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	53	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	503	697	619	717				
Khulna Zone Total				2223	2209	876	1288	1389	1653	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	8	25	25	26				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	174	178	194	194				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	21	95	95	95				
Barishal Zone Total				472	462	203	346	414	445	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)				10	0	0	0				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	42				
111	Amnura	HFO (QRPP)	7x7.79	50	50	12	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	100	100	100				
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	40	40				
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	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	0	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	174	190	200	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 (Energypima)	Gas (RPP)	5x3.3+5x2.0	20	10	17	16	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	51	52	51	51				
	Confidence CPBL-2	HFO (IPP)				0	0	0	0			On Test	
Rajshahi Zone Total				1635	1625	297	505	531	647	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	149	149	150	150	125		Coal Shortage	
126	Rangpur GT	HSD (PDB)	1 x 20	20	20	15	17	0	17				
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	15	19	19				
Rangpur Zone Total				564	484	164	181	169	186	210	85		
Sub-total: Plants in operation				17764	17221	5953	7853	10814	11756	2184	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5593	7378	10160	11045				
Gross Total				17764	17221	5953	7853	10814	11756	2184	85		

(B) Actual data of 08.02.19 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	:	7853.00	MW,	at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand (Sub-station end)	:	7378.00	MW,	at =	19:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Load Shed
03.	Highest Generation (Generation end)	:	7853.00	MW,	at =	19:00 hrs		MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5547.00	MW,	at =	5:00 hrs	Dhaka	2498	2498	0	0	Mymensingh	668
05.	Day-peak Generation (Generation end)	:	5952.90	MW,	at =	12:00 hrs	Chattogram	848	848	0	0	Sylhet	313
06.	Evening-peak Generation (Generation end)	:	7853.00	MW,	at =	19:00 hrs	Khulna	966	966	0	0	Barishal	184
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Rajshahi	664	664	0	0	Rangpur	520
08.	Generation shortfall at evening peak due to :						Cumilla	717	717	0	0	Total	7378
	a) Gas limitation	:	1815	MW			12.	Fuel cost :	(a) Gas =	81065869	Taka	(c) Coal =	14118722
	d) Coal supply Limitation	:	210	MW					(b) Oil =	90779550	Taka	Total =	95184591
	b) Low water level in Kaptai lake	:	159	MW									
	c) Plants under shut down/ maintenance	:	85	MW			13.	Maximum Temperature in Dhaka was : 30.0° C					
09.	Total Energy (Generation + India Import)	:	149.41	MKWh			14.	Export through East-West interconnections :					
	By Gas =	117.491	MKWH	By Oil =	14.100	MKWh		At evening peak-hour	:	-300	MW,	at	19:00 hrs
	By Coal =	3.658	MKWH	By Hydro =	0.922	MKWh		Maximum	:	-600	MW,	at	1:00 hrs
	By Solar=	0.014	MKWH										
10.	Total Gas Supplied	:	940.28	MMCFD				Energy	:	4.1945	MKWh		

(C) Forecast of 09.02.19 (Today) Saturday :													
01.	Maximum Demand	:	8900	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	11756	MW	(Generation end)	05.	Total Generation	:	169.33	MKWh			
03.	Maximum Shortage	:	-2856	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	30.3° C				

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation