



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2019					Day : Wednesday					Date : 06.02.19				
Probable Maximum Demand : 9000 MW					Probable Maximum Generation : 11818 MW									
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 95.17 ft					Today = 95.06 ft				
					Rule Curve = 96.30 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.02.19 (Yesterday)		06.02.19 (Today)		05.02.19 (Yesterday)		06.02.19 (Today)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		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 CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	250	280	320	320					
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	12	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	0	0	0	0	40			Gas Shortage	
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	96	96					
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	320	360	360	360					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	420	370	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	372	338	300	300					
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	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	70	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	59	100	100					
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	95	100	100					
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	33	48	55	55					
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100					
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	102	102	102					
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	19	22	22					
23	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	35	57	58	58					
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	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	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	47	46	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	120	300	300					
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	96	55	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	55	55	55					
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	37	36	36					
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	24	24	32	32					
Dhaka Zone Total					6034	5798	1885	2341	3538	700	0			
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	72	72	72	72	158			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	25	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	0	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 CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	213	202	201	201					
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	32	32	51	51					
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	54	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	68	68	68					
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	40	50	50					
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	32	15	33					
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	77	90	90					
Chattogram Zone Total					1761	1681	462	743	816	814	708	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	100	150	120	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	30	35	36	36					
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	175	184	221	221					
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	298	305	360	360					
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	70	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	50	140	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	8	0	50					
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	95	100	100					
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	107	105	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	8	11	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	18	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	110	142	105	125					
Cumilla Zone Total					2951	2891	1476	1462	2040	2240	135	0		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	54	52	85	85	150			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	86	86	87	87					
	United Jamalpur PPL	HFO (IPP)				57	58	57	57				On Test	
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	180	200	100	200					
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0					
Mymensingh Zone Total					530	522	401	418	353	451	150	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.02.19 (Yesterday)		06.02.19 (Today)		05.02.19 Gen. shortfall for : Gas/water/Coal limitation MW	05.02.19 (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	60	60	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	50	44	44				
82	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	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	55	44	76	76				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	180	192	200	200				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	84	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	47	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	96	86	109	130				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	20	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	17	17	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	260	341	341				
	Bibiana- 3	Gas (PDB)				310	230	150	150			On Test	
Sylhet Zone Total				1594	1549	1340	1347	1450	1471	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	390	340	410	410				
96	Fairdipur Peaking	HFO (PDB)	8x6.98	54	54	0	38	0	44				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	80	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	16	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	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	105	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	600	698	609	707				
Khulna Zone Total				2223	2209	1151	1416	1379	1647	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	70	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	86	132	194	194				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	93	95	95	95				
Barishal Zone Total				472	462	196	324	416	446	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	50				
	Paramount Baghabari	HSD (IPP)				0	20	0	0				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	42	0	42				
111	Amnura	HFO (QRPP)	7x7.79	50	50	40	40	43	43				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	51	102	100	100				
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	39	40	40	220		Gas Shortage	
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50	282		Gas Shortage	
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	29	0	29				
116	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	0	0	0				
117	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	0	0	0	0				
118	Sirajganj CCPP-3	Gas (NWPGLCL)	1x141+1x79	220	220	159	189	201	201				
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	170	170				
120	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
121	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	13	15	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	43	52	43	52				
	Confidence CPBL-2	HFO (IPP)				4	0	0	0			On Test	
Rajshahi Zone Total				1635	1625	393	654	695	825	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	144	150	150	130		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	18	19	19				
Rangpur Zone Total				564	484	149	162	169	186	215	85		
Sub-total: Plants in operation				17764	17221	7453	8867	10856	11818	2581	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6996	8323	10190	11093				
Gross Total				17764	17221	7453	8867	10856	11818	2581	85		

(B) Actual data of 05.02.19 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)		:	8867.00	MW, at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand (Sub-station end)		:	8323.00	MW, at =	19:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand
03.	Highest Generation (Generation end)		:	8867.00	MW, at =	19:00 hrs			MW	MW	MW		MW
04.	Minimum Generation (Generation end)		:	5452.00	MW, at =	4:00 hrs		Dhaka	2913	2913	0	Mymensingh	729
05.	Day-peak Generation (Generation end)		:	7453.00	MW, at =	12:00 hrs		Chattogram	857	857	0	Sylhet	322
06.	Evening-peak Generation (Generation end)		:	8867.00	MW, at =	19:00 hrs		Khulna	1035	1035	0	Barishal	197
07.	Evening Peak Load-shed (Sub-station end)		:	0.00	MW, at =	19:00 hrs		Rajshahi	999	999	0	Rangpur	572
08.	Generation shortfall at evening peak due to :							Cumilla	699	699	0	Total	8323
	a) Gas limitation		:	2208	MW			12.	Fuel cost : (a) Gas = 84032996		Taka	(c) Coal = 14049242	Taka
	d) Coal supply Limitation		:	215	MW				(b) Oil = 173709049		Taka	Total = 98082238	Taka
	b) Low water level in Kaptai lake		:	158	MW								
	c) Plants under shut down/ maintenance		:	85	MW								
09.	Total Energy (Generation + India Import)		:	170.54	MKWh			13.	Maximum Temperature in Dhaka was : 27.9° C				
	By Gas = 123.431		MKWH	By Oil = 26.095	MKWh			14.	Export through East-West interconnections :				
	By Coal = 3.640		MKWH	By Hydro = 0.959	MKWh				At evening peak-hour		:	-560	MW, at 19:00 hrs
	By Solar= 0.154		MKWH						Maximum		:	-680	MW, at 8:00 hrs
10.	Total Gas Supplied		:	990.84	MMCFD				Energy		:	7.3545	MKWh

(C) Forecast of 06.02.19 (Today) Wednesday :															
01.	Maximum Demand		:	9000	MW	(Generation end)	04.	Maximum Load-shed		:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation		:	11818	MW	(Generation end)	05.	Total Generation		:	173.10	MKWh			
03.	Maximum Shortage		:	-2818	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 26.8° C							

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

(MONIRUZAMAN)
Deputy Secretary, Generation