



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month February, 2020				Day : Tuesday				Date : 25.02.20					
Probable Maximum Demand : 9600 MW				Probable Maximum Generation : 14361 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 90.63 ft		Today = 90.47 ft		Rule Curve = 93.60 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.02.20 (Yesterday)		25.02.20 (Today)		24.02.20 (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	
													Day
(A) Plants in operation:													
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	37	37	37	37				
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	190	168	170	170				
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under maint.	27/02/2020	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Under maint.	30/03/2020	
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	313	281	325	325				
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0				
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0				
5	Tongi 80 MW GTTP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage		
6	Haripur GTTP	Gas (PDB)	2 x 32	64	40	0	0	0	0	40	Gas Shortage		
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	300	280	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	340	450	450				
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Under Overhauling		
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	350	338	412	412				
11	Siddhirganj 2'120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage		
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335	Gas Shortage		
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	100	100	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	120	150	150				
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	30	100	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	97	100	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	55	55	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	50	100	100				
19	Gagnagar 102 MW PP Digital Pow	HFO (IPP)	12x8.924	102	102	48	102	100	102				
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	19	22	22				
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	56	57	58	58				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	25	25				
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	52	52				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	17	100	100				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	16	149	149				
27	Kalpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	40	50	50				
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	53	53	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	174	200	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	140	136	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300				
32	Bramhangan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
33	Aurahat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
34	Nababganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	0	0	55	55				
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	55	55	55				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	71	71				
Dhaka Zone Total				6047	5811	2269	2701	3532	4134	690	485		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	69	68	70	70	162	Low Water Level		
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	120	115	120	120				
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	120	120	100	120				
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.6	0	5	0				
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25				
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19.1	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	50	50	4				
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	105	105	105				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	149	104	145	145				
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	264	301	230	300				
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	0	100	100	100				
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	17	80	100				
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0				
51	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	19	21	21				
*	Malancha, Cig.EPZ (United)	Gas	5x8.73+3x9.34			2	26	10	25				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	98	100	100				
53	Sikalbaha 54 MW Power Plant(Jodiari Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	34	54	54				
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110				
Chattogram Zone Total				2226	2166	768.7	1157	1385	1499	162	0		
55	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	0	0	0	0	135	Gas Shortage		
	b) Ashuganj TPP Unit- 4	Gas (APSCCL)	1 x 150	150	129	80	80	100	100				
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	0	0	0	0	134	Gas Shortage		
56	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	46	15	45	45				
57	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1'75	221	221	167	203	225	225				
58	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	295	265	360	360				
59	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	310	265	360	360				
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	5	5	20	20				
61	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20'9.73+1'116	195	195	8	8	46	46				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43	43				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	80	100	150				
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50				
65	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	90	90	90	90				
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	0	200				
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	19	22	22				
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33				
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	0	50				
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	21	21	21				
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200				
73	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	0	0	0	114				
74	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	0	0	113	113				
**	Impoort (Tripura)	India		160	160	88	98	104	115				
Cumilla Zone Total				3040	2980	1212	1236	1693	2368	269	0		
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	74	154	175	160				
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	50	72	95	95				
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	115	115	115				
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	7	100	100	200				
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.4	0	1.6	0				
Mymensingh Zone Total				645	637	268.4	463	508.6	592	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.02.20 (Yesterday)		25.02.20 (Today)		24.02.20 (Yesterday)		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	
81	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	73	73	88	88					
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	73	73	73	73					
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	50	53	51	51					
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	44	51	50	50					
85	Kushlari 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	130	163	163					
86	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	5	11	11	11					
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	61	63	66	66					
88	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	149	0	150	150					
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	77	80	80	80					
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	0	0	0	0					
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	19	19	20	20					
92	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0					
93	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10					
94	Shahjahanulla 25 MW PP	Gas (CIIP, REB)	3x9.34	25	25	16	17	24	24					
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	315	310	341	341					
96	Bibiyan-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	231	236	235	235					
Sylhet Zone Total				1944	1899	1286	1126	1362	1362	0	0			
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40					
98	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	300	310	410	410					
99	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	36					
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70					
101	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225					
102	Khulna 115 PP MW (KPLC-2)	HFO (QRPP)	7x17	115	115	49	99	115	115					
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	100					
104	Noapara 40 MW PP (Khanjahan Ali	HFO (QRPP)	5x8.5	40	40	0	0	33	33					
105	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	50	105					
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	32	50	105					
**	Bheramara (HVDC)	India		1000	1000	584	827	588	836					
Khulna Zone Total				2328	2314	933	1268	1276	2075	0	0			
107	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30					
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	70	110					
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	11	21	20	20					
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	65					
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	50	96	95	95					
Payra 1320 MW						0	0	0	0					
Barishal Zone Total				472	462	61	227	185	320	0	0			
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage		
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage		
113	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50					
114	Baghabari 200 MW PP (Paramount	HSD (IPP)	135x1.6	200	200	0	0	200	200					
115	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45					
116	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	40	40					
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	102	80	100					
118	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40					
119	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	40	40					
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	15	0	38					
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	217	160	210	210					
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage		
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage		
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	414	342	410	410					
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	18	22	22					
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	11	10	10					
127	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11					
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52					
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	109	113	113					
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	70	0	113					
Rajshahi Zone Total				2193	2183	780	838	1228	1494	611	0			
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	89	90	90	90					
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Shutdown for Low Demand		
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	280	280	280	280					
133	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17					
134	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	114	113	113					
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17					
136	Majpara, Tatula 8 MW Solar PP (Sympha	Solar (IPP)	1 x 8	8	8	5.4	0	8	0					
Rangpur Zone Total				685	605	374	484	491	517	0	85			
Sub-total: Plants in operation				19580	19057	7952.5	9500	11661	14361	1732	570			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss														
						7549	8750	11069	13632					
(B) Contract expired power plants														
137	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			Contract expired		
Sub-Total: Plants under long term maintenance				50	50	0	0	0	0					
Gross Total				19630	19107	7952.5	9500	11661	14361	1732	570			
(C) Actual data of 24.02.20 (Yesterday) Monday :														
01.	Max. Demand (Generation end)	:	9500.00	MW,	at =	19:30 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	8750.00	MW,	at =	19:30 hrs P	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	9500.00	MW,	at =	19:30 hrs	Dhaka	3299	3299	0	Mymensingh	754	754	0
04.	Minimum Generation (Generation end)	:	6288.00	MW,	at =	5:00 hrs	Chattogram	981	981	0	Sylhet	350	350	0
05.	Day-peak Generation (Generation end)	:	7952.50	MW,	at =	12:00 hrs	Khulna	1060	1060	0	Barishal	239	239	0
06.	Evening-peak Generation (Generation end)	:	9500.00	MW,	at =	19:30 hrs P	Rajshahi	1060	1060	0	Rangpur	239	239	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs P	Cumilla	768	768	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	6235.00	MW,	at =	5:00 hrs am					Total	8750	8750	0
09.	Generation shortfall at evening peak due to :	:					13.	Fuel cost :	a) Gas = 125665426 Taka	(c) Coal = 41370949 Taka				
	a) Gas limitation	:	1570	MW					b) Oil = 220394290 Taka	Total = 167036375 Taka				
	d) Coal supply Limitation	:	0	MW										
	e) Low water level in Kaptai lake	:	162	MW										
	c) Plants under shut down/ maintenance	:	570	MW										
10.	Total Energy (Generation + India Import)	:	186.66	MKWh			14.	Maximum Temperature in Dhaka was : 28.3° C						
	By Gas = 133.878 MKWH				By Oil = 27.669 MKWh		15.	Export through East-West interconnections :						
	By Coal = 8.923 MKWH				By Hydro = 1.579 MKWh			At evening peak-hour	:	-279	MW,	at	19:30 hrs PM	
	By Solar= 0.194 MKWH							Maximum	:	-408	MW,	at	24:00	
11.	Total Gas Supplied	:	1064.96	MMCFD				Energy	:	3.082	MKWh			
(D) Forecast of 25.02.20 (Today) Tuesday :														
01.	Maximum Demand	:	9600	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14361	MW	(Generation end)		05.	Total Generation	:	188.62	MKWh			
03.	Maximum Shortage	:	-4761	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :		24.5° C				

* Captive Power ** Imported Power

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(Fazul Islam Shaker)
Deputy Secretary, Generation