



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month February, 2020				Day : Sunday				Date : 02.02.20			
Probable Maximum Demand : 9000 MW				Probable Maximum Generation : 14564 MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 94.21 ft		Today = 94.14 ft		Rule Curve = 96.86 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.02.20 (Yesterday)		02.02.20 (Today)		01.02.20 (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)	
(A) Plants in operation:											
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	72	72	72	72		
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Gas Shortage
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	240	171	220	220		
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	360	360	365	365		
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 GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage
6	Haripur GTPP	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	320	360	360		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	380	420	450	450		
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	345	347	412	412		
11	Siddhirganj 2'120 MW GTPP	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	280	300	335	335		
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	23	100	100		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0		
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	0	66	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100		
19	Gagnagar 102 MW PP Digital Pow	HFO (IPP)	12x8.924	102	102	0	48	100	102		
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	22	22		
21	Summit Power, (Madnabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	56	53	57	57		
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	20	25	33	33		
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	17	31	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	0	149	149		
27	Kalpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	31	50	50		
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	0	53	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	200	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	44	100	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300		
32	Bramhangaoan 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	35	55	55		
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	71	71		
Dhaka Zone Total				6047	5811	2070	2435	3800	4451	830	0
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	30	80	70	70	150	Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	110	110	100	100	70	Gas Shortage
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under maint.
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	0.7	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	3.13	0	20	0		
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	36	50	50		
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	17	105	105		
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	103	144	145	145		
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	26	155	155		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	33	223	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	90	90	90		
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	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	0	16	21	21		
*	Malancha, Cig.EPZ (United)	Gas	5x8.73+3x9.34			7	27	20	40		
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	100	100		
53	Sikalbaha 54 MW Power Plant(Jodiari Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54		
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110		
Chattogram Zone Total				2226	2166	286.83	769	1420	1565	400	0
55	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	100	135	100	100		
	b) Ashuganj TPP Unit- 4	Gas (APSCCL)	1 x 150	150	129	0	0	0	0	129	Gas Shortage
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	135	100	135	135		
56	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	43	43	43	43		
57	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1'75	221	221	165	225	225	225		
58	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	305	320	360	360		
59	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	0	0	0	0		
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	5	5	5	5		
61	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20'9.73+1'116	195	195	26	112	55	110		
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	52	51	51	51		
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	0	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	91	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	22	22	22	22		
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	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	17	20	20	20		
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		
**	Impoport (Tripura)	India		160	160	74	106	89	100		
Cumilla Zone Total				3040	2980	1067	1274	1452	2182	129	0
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	165	158	160	160		
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22		
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	92	93	95	95		
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	24	115	50	115		
79	Mymensingh 200 MW PP (Limited)	HFO (IPP)	21x9.780	200	200	0	134	100	200		
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.7	0	1.6	0		
Mymensing Zone Total				645	637	301.7	520	428.6	592	0	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.02.20 (Yesterday)		02.02.20 (Today)		01.02.20 (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	60	58	60	60					
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	20	22	22					
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	50	44	44	44					
85	Kushlari 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	100	130	163	163					
86	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11					
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	57	66	66	66					
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	141	155	160	160					
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	50	77	76	76					
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	98	127	140	140					
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	0	0	20	Under maint.		8/2/2020	
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	0	10	10	10					
94	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	24	24	24					
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	280	300	341	341					
96	Bibiyan-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	146	145	230	230					
Sylhet Zone Total				1944	1899	1032	1220	1398	1398	0	20			
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	310	325	340	340					
99	Fardipur 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 (KPCL-2)	HFO (QRPP)	7x17	115	115	0	49	115	115					
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	80	100					
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	33	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	15	50	105					
**	Bheramara (HVDC)	India		1000	1000	299	640	402	747					
Khulna Zone Total				2328	2314	609	1062	1100	1916	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	48	70	110					
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	0	19	20	20					
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	84	144	150	150					
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	60	95	95	95					
Payra 1320 MW						0	0	0	0					
Barishal Zone Total				472	462	144	306	335	405	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	18	40	50	50					
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	34	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	0	0	38					
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	210	210					
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0					
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0					
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	385	432	410	410					
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	0	22	22	22					
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	5	3	4					
127	Ullapara 11 MW PP (Summit)	Gas (SIPP, 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	0	87	113	113					
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	0	113					
Rajshahi Zone Total				2193	2183	414	631	1231	1498	171	0			
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	119	121	125	125					
	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	285	285					
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	70	113	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 (Sympa	Solar (IPP)	1 x 8	8	8	0.8	0	8	0					
Rangpur Zone Total				685	605	470	514	531	557	0	85			
Sub-total: Plants in operation				19580	19057	6394.3	8731	11696	14564	1530	105			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6007	7878	10987	13682					
(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	6394.3	8731	11696	14564	1530	105			
(C) Actual data of 01.02.20 (Yesterday) Saturday :														
01.	Max. Demand (Generation end)	:	8731.00	MW,	at =	19:00 hrs P	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	7878.00	MW,	at =	19:00 hrs P	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	8731.00	MW,	at =	19:00 hrs								
04.	Minimum Generation (Generation end)	:	5350.00	MW,	at =	5:00 hrs	Dhaka	2652	2652	0	Mymensingh	767	767	0
05.	Day-peak Generation (Generation end)	:	6394.33	MW,	at =	09:00 hrs	Chattogram	831	831	0	Sylhet	322	322	0
06.	Evening-peak Generation (Generation end)	:	8731.00	MW,	at =	19:00 hrs	Khulna	1065	1065	0	Barishal	220	220	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs P	Rajshahi	1065	1065	0	Rangpur	220	220	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	5467.00	MW,	at =	5:00 hrs am	Cumilla	736	736	0				
09.	Generation shortfall at evening peak due to :	:									Total	7878	7878	0
	a) Gas limitation	:	1380	MW			13.	Fuel cost :	(a) Gas = 122557571 Taka	(c) Coal = 45772540 Taka				
	d) Coal supply Limitation	:	0	MW				(b) Oil = 87044454 Taka	Total = 168330112 Taka					
	b) Low water level in Kaptai lake	:	150	MW										
	c) Plants under shut down/ maintenance	:	105	MW			14.	Maximum Temperature in Dhaka was :	25.0° C					
10.	Total Energy (Generation + India Import)	:	160.77	MKWh			15.	Export through East-West interconnections :						
	By Gas = 130.496 MKWh			By Oil = 9.559 MKWh				At evening peak-hour	-591 MW,	at	19:00 hrs PM			
	By Coal = 9.608 MKWh			By Hydro = 1.356 MKWh				Maximum	-662 MW,	at	7:00 hrs			
	By Solar= 0.142 MKWh							Energy	6.9455 MKWh					
11.	Total Gas Supplied	:	1075.26	MMCFD										
(D) Forecast of 02.02.20 (Today) Sunday :														
01.	Maximum Demand	:	9000	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14564	MW	(Generation end)		05.	Total Generation	:	165.72	MKWh			
03.	Maximum Shortage	:	-5564	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka ;	:	24.8° C				

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation