

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2021				Day : Sunday				Date : 07.03.21							
Probable Maximum Demand :		11400	MW	Yesterday =		90.49	ft	Probable Maximum Generation :		16180	MW	Rule Curve =		92.04	ft.
Water Level of Kaptai Lake at 06:00 AM															
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.03.21 (Yesterday)		07.03.21 (Today)		06.03.21 (Yesterday)		06.03.21 (Yesterday)		Status of Machines under shut-down/ Maintenance		
					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	Evening	Day	Evening							
(A) Plants in operation:															
1	a) Ghorassal Repowered CAPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0			170		Under maint.	
	b) Ghorassal Repowered CAPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0			180		Under maint.	
	c) Ghorassal TPP Unit-5	Gas (PDB)	1 x 210	210	190	190	190	190	190						
2	Ghorassal 365 MW CAPP Unit-7	Gas (PDB)	1x 254-1x 126	365	365	280	300	300	300						
3	Ghorassal 108MW PP (Regent)	Gas (IPP)	3x3.35	108	108	106	105	108	108						
4	Ghorassal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0					Contract Expired on 08/01/2021	
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0		105			Gas Shortage	
6	Haripur GTTP	Gas (PDB)	1 x 32	32	20	0	0	0	0		20			Gas Shortage	
7	Haripur 360MW CAPP(HPL)	Gas (IPP)	1x235+1x125	360	360	0	0	360	360			360		Under maint.	
8	Meghnaghat 450 MW CAPP(MPL)	Gas (IPP)	2x140+1x170	450	450	430	450	450	450		0				
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0			115		Under Overhauling	
10	Haripur 412 MW CAPP	Gas (EGCB)	1x273+1x139	412	412	356	338	412	412						
11	Siddhirgonj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	71	100	100		139			Gas Shortage	
12	Siddhirgonj 335 MW CAPP	Gas (EGCB)	1 x 217+1x118	335	335	180	225	200	220			110		ST Under maint.	
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	30	100	100						
14	Meghnaghat CAPP(Summit)	Gas (IPP)	2x110+1x110	305	305	290	260	300	300						
15	Meghnaghat 100 MW(HFO)	HFO (QRPP)	12x8.9	100	100	0	0	100	100						
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	15	30	100	100						
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	38	55	55	55						
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	65	85	100	100						
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	16	24	100	100						
20	Narshingdi 22 MW PP (Doreen)	Gas (SIIPP, REB)	8x2.90	22	22	22	22	22	22						
21	Summit Power,(Madhabdi+Ashulia)	Gas (SIIPP, REB)	6x3.67+7x8.73	80	80	47	52	58	58						
22	Maona 33 MW PP(Summit)	Gas (SIIPP, REB)	4x8.73	33	33	33	25	33	25						
23	Rupganj 33 MW PP(Summit)	Gas (SIIPP, REB)	4x8.73	33	33	33	23	33	23						
24	Gasipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	52	52						
25	Gasipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	70	105	105						
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	32	149	149						
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	12	50	50						
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	54	54	54						
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	60	195	300	300						
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	102	149	149	149						
31	Keraniganj 300 MW PP (APRI)	HSD (IPP)	25x6.14	300	300	0	0	100	300						
32	Bramhargan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100						
33	Aurabahi 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100						
34	Nababganj 55 MW PP (Southern po)	HFO (IPP)	3x19.3	55	55	3	55	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	0	0						
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	0	35	104	104						
38	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	0	144	144						
	Spectra Solar Plant Ltd.	Solar (IPP)				20	0	30	0						
Dhaka Zone Total				6171	5972	2321	2952	4610	4850	264	935				
39	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	70	70	70	70		160			Low Water Level	
40	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	100	100		180			Gas Shortage	
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0			180		Under maint.	
41	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	7	4	0	5	0						
42	Raazzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	16	25	25						
43	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	17	0	20	0						
44	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	18	50	50	50						
45	Sikalbaha 105 MW PP (Baraka Sika)	HFO (IPP)	6x18.415	105	105	0	0	50	100						
46	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	120	120	120	120						
47	Sikalbaha 225 MW CAPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0		225			Gas Shortage	
48	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	160	287	300	300						
49	Juldah 100 MW Unit-1 (Accom)	HFO (ORPP)	8x13.45	100	100	0	0	100	100						
50	Juldah 100 MW Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	0	20	100	100						
51	Dohazari Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	68	85	85						
52	Halhazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0						
53	Barakunda 22 MW PP (Regent)	Gas (SIIPP, PDB)	8x2.90	22	22	21	21	21	21						
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	15	10	20						
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	102	102						
55	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54						
56	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110						
57	Juldah unit-2 (Accom)	HFO (IPP)	8x13.6	100	100	60	100	100	100						
58	Chattogram 116 MW PP (Anima Er)	HFO (IPP)	6x21.06	116	116	0	0	116	116						
Chattogram Zone Total				2442	2382	474	767	1538	1573	565	180				
59	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0		135			Gas Shortage	
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	0	0	0	0		129			Gas Shortage	
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	65	110	110	110		24			Gas Shortage	
60	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	25	26	25	26		19			Gas Shortage	
61	Ashuganj 225 MW CAPP	Gas (APSCL)	1x142+1*75	221	221	74	219	225	225						
62	Ashuganj 450 MW CAPP(South)	Gas (APSCL)	1x360	360	360	280	265	300	300		95			Gas Shortage	
63	Ashuganj 450 MW CAPP(North)	Gas (APSCL)	1x361	360	360	300	365	360	360						
64	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	20	20		50			Gas shortage	
65	Ashuganj 185MW PP (APSCL United)	Gas (IPP)	20*9.73+1*16	195	195	0	0	0	0		195			Gas shortage	
66	Ashuganj 51 MW PP (Midland)	Gas (IPP)	8x9.34	51	51	0	0	0	0		51			Gas Shortage	
67	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	0	0	0		150			Gas Shortage	
68	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	0						
69	Chandpur 150 MW CAPP	Gas (PDB)	1X106+1x57	163	163	98	91	90	95						
70	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	100	200	200						
71	Feni 22MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	21	22	22	22						
72	Feni 11 MW PP (Doreen)	Gas (SIIPP, REB)	4x2.90	11	11	3	11	11	11						
73	Jangala 33MW PP (Summit)	Gas (SIIPP, PDB)	4x8.73	33	33	25	33	33	33						
74	Jangala 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52						
75	Cumilla 25 MW PP (Summit)	Gas (SIIPP, REB)	3x3.67+2x6.97	25	25	15	21	20	21						
76	Dautkandi 200 MW PP (B.Trac)	HSD (IPP)	8x14.45+1*15+1*5x1.026	200	200	0	0	0	200						
7															

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.03.21 (Yesterday)		07.03.21 (Today)		06.03.21 (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)				
87	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	44	44	44	44						
88	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0						
89	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	11	52	51	51						
90	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	0	0	0	0				Contract Expired on 14/02/2021		
91	Kushiana 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	163	163						
92	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	5	11	11						
93	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	34	35	35	35		31		Under maint.		
94	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	220	288	300	300	42			Gas Shortage		
95	Shahjibazar 88MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	79	75	75	76						
96	Sylhet 225 MW CCGP	Gas (PDB)	1x142+1x89	231	231	136	136	137	137		95		Under maint.		
97	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	18	20	20						
98	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				Contract Expired on 04/01/2020		
99	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	5	7	10	10						
100	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	8	16	16	16						
101	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	280	295	341	341						
102	Bibiyana-II 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	345	366	350	400						
103	Bibiyana South 383 MW CCGP	Gas (PDB)	1x252+1x131	383	383	350	320	370	400						
	Shahjibazar 100 MW GTTP	Gas (PDB)				0	0	0	0				On Test		
Sylhet Zone Total					2416	2371	1642	1787	1923	2004	42	126			
104	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16						
105	Bheramara 410 MW CCGP	Gas (NWPGL)	1 x 278+ 1 x 132	410	410	365	345	400	400	65			Gas Shortage		
106	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	25	25						
107	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	13	60	60						
108	Khulna 225 MW CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220						
109	Khulna 115 PP MW (KPL-2)	HFO (QRPP)	7x17	115	115	0	99	99	99						
110	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	50	100						
111	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40						
112	Rupsha 105 MW PP (Onion rupsha)	HFO (IPP)	6x18.445	105	105	0	105	105	105						
113	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100						
**	Bheramara (HVDC)	India		1000	1000	836	836	852	827						
Khulna Zone Total					2288	2284	1201	1438	1731	1992	65	0			
114	Barsal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	110	110						
115	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	0	21	25	25						
116	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0		194		Under maint.		
117	Bhola 95 MW PP (Agreko)	Gas (QRPP)	1.1x96	95	95	33	85	95	95						
118	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	300	400	620	620						
119	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	17	150	150						
	Bhola Nutan Biddut BD LTD	Gas/HSD				4	16	70	70						
Barishal Zone Total					1826	1826	337	649	1070	1070	0	194			
120	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	65	65	65	6			Gas Shortage		
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100			Gas Shortage		
121	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50						
122	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200						
123	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40						
124	Ammura 50 MW PP (Sirha)	HFO (QRPP)	7x7.79	50	50	0	12	12	12						
125	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	25	104	104						
126	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	50	50						
127	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50						
128	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	26	0	34						
129	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210			Gas Shortage		
130	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	166	176	200	225						
131	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	150	186	200	225						
132	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	355	310	400	400						
133	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22						
134	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	0	0				Contract Expired on 12/11/2020		
135	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11						
136	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52						
137	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6x18.55	113	113	0	113	113	113						
138	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	74	94	94						
Rajshahi Zone Total					2193	2183	700	1020	1573	1747	316	0			
139	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0				Coal Shortage		
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85			Coal Shortage		
140	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150						
141	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0		20		Under Overhauling		
142	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7x16x 2x3	113	113	113	113	113	113						
143	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0						
144	Majpara, Tatulia 8 MW Solar PP (Sympa Pt)	Solar (IPP)	1 x 8	8	8	6	0	8	0						
Rangpur Zone Total					685	605	269	263	271	263	85	20			
Sub-total: Plants in operation					21778	21312	8314.0	10781	15180	16180	2281	1455			
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss							7978	10345	14566	15526					
(B) Contract expired power plants															
Sub-Total: Plants under long term maintenance					0	0	0	0	0	0					
Gross Total					21778	21312	8314	10781	15180	16180	2281	1455			
(C) Actual data of 06.03.21 (Yesterday) Saturday :															
01.	Max. Demand (Generation end)	:	10781.00	MW, at =	19:30 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end):									
02.	Max. Demand (Sub-station end)	:	10345.00	MW, at =	19:30 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	:	10781.00	MW, at =	19:30 hrs	Dhaka	3879	3879	0	Mymensingh	808	808	0		
04.	Minimum Generation (Generation end)	:	7300.00	MW, at =	5:00 hrs	Chattogram	1043	1043	0	Sylhet	259	259	0		
05.	Day-peak Generation (Generation end)	:	8314.00	MW, at =	12:00 hrs	Khulna	1314	1314	0	Barishal	296	296	0		
06.	Evening-peak Generation (Generation end)	:	10781.00	MW, at =	19:30 hrs	Rajshahi	1100	1100	0	Rangpur	653	653	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:30 hrs	Cumilla	993	993	0						
08.	Actual Minimum Generation Forecast up to 8:00	:	7628.00	MW, at =	5:00 hrs										
09.	Generation shortfall at evening peak due to:	:								Total	10345	10345	0		
	a) Gas limitation	:	2036	MW						(c) Coal =	72033465		Taka		
	d) Coal supply Limitation	:	85	MW						(b) Oil =	232811802		Taka		
	b) Low water level in Kaptai lake	:	160	MW						Total =	448858458		Taka		
	c) Plants under shut down/ maintenance	:	1455	MW											
10.	Total Energy (Generation + India Import)	:	212.96	MkWh											
	By Gas =	137.042	MkWh												
	By Coal =	15.077	MkWh												
	By Solar =	0.590	MkWh												
	By Hydro =		35.632	MkWh											
	By Hydro =			1.688	MkWh										
11.	Total Gas Supplied	:	1143.10	MMCFD											
(D) Forecast of 07.03.21 (Today) Sunday :															
01.	Maximum Demand	:	11400	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation	:	16180	MW	(Generation end)	05.	Total Generation	:	225.19	MkWh					
03.	Maximum Shortage	:	-4780	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :		33.5° C						

* Captive Power ** Imported Power

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

(Fazool Islam Shaker)
Deputy Secretary, Generation