



**Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation
Tel: 9564667, 9551095

Month November, 2020			Day : Saturday				Date : 21.11.20									
Probable Maximum Demand : 9500 MW			Probable Maximum Generation : 14081 MW				Rule Curve = 107.00 ft.									
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 102.44 ft.		Today = 102.20 ft.											
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.11.20 (Yesterday)		21.11.20 (Today)		20.11.20 (Yesterday) Probable Peak Generation (MW)	21.11.20 (Today) Probable Peak Generation (MW)	Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	Description/ Remarks	Probable start-up date	
					Actual Peak Generation (MW)		Actual Peak Generation (MW)									
					Day	Evening	Day	Evening								
(A) Plants in operation:																
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	0	0	0	0			85	Under maint.			
	b) Ghorasal Repowered CCGP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0			170	Under maint.			
	c) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	100	100	100	100			80	Gas Shortage			
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	115	115	115	115			75	Gas Shortage			
2	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254-1x 126	365	365	200	200	200	200							
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	51	52	51	52			56	Gas Shortage			
4	Ghorasal 78.5 MW PP(MAX)	Gas (ORPP)	2x40	78	78	30	73	78	78			5	Gas Shortage			
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0			105	Gas Shortage			
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0			20	Gas Shortage			
7	Haripur 360MW CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	0	0	0	0			360	Pigging in gas line			
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	140	170	225	225							
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0				115	Under Overhauling		
10	Haripur 412 MW CCGP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0				412	Dust in gas		
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	50	100			210	Pigging in gas line			
12	Siddhirgonj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0				335	Under maint.		
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (ORPP)	12x8.9	100	100	0	50	100	100							
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	150			305	Pigging in gas line			
15	Meghnaghat 100 MW(EL)	HFO (ORPP)	12x8.9	100	100	0	25	100	100							
16	Madanganj 102 PP(Summit)	HFO (ORPP)	6x17	102	100	0	48	100	100							
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	55	55							
18	Keraniganj 100 MW PP (Powerpac)	HFO (ORPP)	8x13.45	100	100	0	0	50	100							
19	Gaganraj 102 MW PP (Digital Powe)	HFO (IPP)	12x8.924	102	102	16	64	100	100							
20	Narsinghdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	16	19	19	19							
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIIP, REB)	6x3.67+6x7.73	80	80	25	53	58	58							
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	22	24	22	22							
23	Rugganji 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	24	33	25	25							
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	90	90							
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	150	150							
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50							
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54							
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	15	300	300							
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	149	149							
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x11.4	300	300	0	0	100	300							
32	Bramhangonj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100							
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	60	100							
34	Nababganj 55 MW PP (Southern po)	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(ELC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0							
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	63	90	90	90							
	Manikganj 162MW PP	HFO (IPP)				74	0	0	0							
Dhaka Zone Total				6119	5895	930	1252	2703	3244			1216	1117			
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	158	157	160	160			73	Low Water Level			
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	120	120	120	120			60	Gas Shortage			
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0			180	Under maint.			
40	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4	0	5	0							
41	Raazari 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25							
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19	0	20	0							
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	12	50	50	50							
44	Sikalbaha 105 MW PP (Baraka Sika)	HFO (IPP)	6x18.415	105	105	0	0	100	100							
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0			150	Gas Shortage			
46	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	218	218	215	225							
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	32	150	300	300							
48	Julda 100 MW Unit-1 (Acom)	HFO (ORPP)	8x13.45	100	100	0	0	100	100							
49	Julda 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	60	100	100	100							
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	102	102							
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0							
52	Barabkunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	20	20	20	20							
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			32	32	15	20							
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	100	100							
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	35	54	54	54							
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110							
56	Julda unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	100	100	100	100							
Chattogram Zone Total				2326	2266	810	1001	1696	1686			283	180			
57	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	100	135	135							
	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	0	0	0	0			134	Gas Shortage			
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	29	29	30	30							
59	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	203	179	225	225							
60	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0			360	Under maint.			
61	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	340	345	360	360							
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	15	25	25			40	Gas shortage			
63	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	26	36	45	45			159	Gas shortage			
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	51	51	51							
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	74	150	150							
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	0							
67	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	80	85	84	90							
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	165	200							
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	21	21	22	22							
70	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11							
71	Jargalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	33	33	33							
72	Jargalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	8	52	52							
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	21	21	20	21							
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200							
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	114	114							

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.11.20 (Yesterday)		21.11.20 (Today)		20.11.20 (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)			
83	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32-1x33	97	70	30	60	30	30				
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35-1x35	104	90	60	60	60	60				
85	Fenchugonj 51 MW PP (Barakattuli)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3-5x2.0	44	44	50	50	44	44				
87	Kushiera 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
88	Hobiganj 11MW PP Confidence-E	Gas (SIIPP, REB)	4x2.90	11	11	3	11	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	64	65	66	66				
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	260	250	255	255	80	Gas Shortage		
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	75	84	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	145	145	145				
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	0	0				
94	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
95	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	0	0	0				
96	Shahjahanulla 25 MW PP	Gas (GIPP, REB)	3x9.34	25	25	0	20	20	25				
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	315	320	320	320	21	Under maint.		
98	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	401	401	400	400				
	Bibiyana South 400 MW	Gas (PDB)				20	0	45	45				
Sylhet Zone Total					2033	1988	1458	1682	1696	1701	80	21	
99	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
100	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	325	275	410	410				
101	Fardipur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	30				
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60				
103	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220				
104	Khulna 115 PP MW (KPLC-2)	HFO (QRPP)	7x17	115	115	0	0	115	115				
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	100				
106	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40				
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	105	105	105				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	433	689	558	798				
Khulna Zone Total					2288	2284	758	1069	1328	1994	0	0	
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	16	110	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	20	22	30	30				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0	194	Under maint.		
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	21	75	95	95				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	450	520	600	660				
	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				7	36	35	35				
	United Payra Power Ltd.	HFO (IPP)				0	42	0	0				
Barishal Zone Total					1054	1054	498	711	870	930	0	194	
114	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		
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50				
116	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40				
118	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0				
119	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	100	100				
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	50	50				
121	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0				
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	33				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210	Gas Shortage		
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	189	160	220	220				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	204	189	220	220				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	416	433	413	413				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3-5x2.0	20	10	0	0	0	0				
129	Ullapara 11 MW PP (Summit)	Gas (SIIPP, REB)	4x2.90	11	11	9	11	11	11				
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	111	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	113	113				
Rajshahi Zone Total					2193	2183	840	926	1514	1637	381	0	
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Coal Shortage		
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Coal Shortage		
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	148	150	150	150				
135	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
136	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	113	113	113				
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
138	Majpara Tatalia 8 MW Solar PP (Sympe Pt)	Solar (IPP)	1 x 8	8	8	3	0	8	0				
Rangpur Zone Total					885	805	151	263	271	263	170	0	
Sub-total: Plants in operation					20383	19892	6631.0	8454	12448	14081	2665	1872	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							6178	7877	11598	13120			
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance					0	0	0	0	0	0			
Gross Total					20383	19892	6631	8454	12448	14081	2665	1872	
(C) Actual data of 20.11.20 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	: 8454.00 MW, at = 19:30 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :										
02.	Max. Demand (Sub-station end)	: 7877.00 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)	: 8454.00 MW, at = 19:30 hrs	Dhaka	2708	2708	0	Mymensingh	650	650	0			
04.	Minimum Generation (Generation end)	: 6031.00 MW, at = 9:00 hrs	Chattogram	884	884	0	Sylhet	303	303	0			
05.	Day-peak Generation (Generation end)	: 6631.00 MW, at = 12:00 hrs	Khulna	1012	1012	0	Barishal	244	244	0			
06.	Evening-peak Generation (Generation end)	: 8454.00 MW, at = 19:30 hrs	Rajshahi	790	790	0	Rangpur	512	512	0			
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:30 hrs	Cumilla	774	774	0	Total	7877	7877	0			
08.	Actual Minimum Generation up to 8:00 hrs.	: 5883.00 MW, at = 7:00 hrs											
09.	Generation shortfall at evening peak due to :		13. Fuel cost : (a) Gas = 132768262 Taka (c) Coal = 69715670 Taka										
a)	Gas limitation	: 2422 MW	(b) Oil = 130813791 Taka Total = 333297723 Taka										
d)	Coal supply Limitation	: 170 MW											
b)	Low water level in Kaptai lake	: 73 MW											
c)	Plants under shut down/ maintenance	: 1872 MW											
10.	Total Energy (Generation + India Import)	: 182.46 MKWh	14. Maximum Temperature in Dhaka was : 29.9° C										
	By Gas = 115.660 MKWh	33.586 MKWh	15. Export through East-West interconnections :										
	By Coal = 14.905 MKWh	3.753 MKWh	At evening peak-hour : 223 MW, at 19:30 hrs										
	By Solar= 0.425 MKWh		Maximum : 64 MW, at 8:00 hrs										
11.	Total Gas Supplied	: 934.19 MMCFD	Energy : 0 MKWh										
(D) Forecast of 21.11.20 (Today) Saturday :													
01.	Maximum Demand	: 9500 MW (Generation end)	04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)										
02.	Maximum Generation	: 14081 MW (Generation end)	05. Total Generation : 205.04 MKWh										
03.	Maximum Shortage	: -4581 MW (Generation end)	06. Probable Max. Temperature in Dhaka : 28.7° C										

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation