



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
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Table with columns: Month August, 2020; Day: Tuesday; Probable Maximum Demand: 11400 MW; Probable Maximum Generation: 14604 MW; Date: 04.08.20. Main table columns include Sl. No., Name of Power Station, Capacity (MW), Installed Capacity (MW), Derrated/ Present Capacity (MW), Generation (MW) for 03.08.20, 04.08.20, and 05.08.20, Rule Curve, Status of Machines under shut-down/ Maintenance, and Probable start-up date.

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.08.20 (Yesterday)		04.08.20 (Today)		03.08.20 (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							
83	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	86	86	80	80						
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30						
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	53	47	51	51		60	GT-4 Under maint.			
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	43	47	44	44						
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163						
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11						
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	32	60	61	66						
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	155	209	210	210						
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	84	87	86	86						
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0						
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	18						
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	9	9	10	10						
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	8	22	25	25						
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	0	50	341	341	291		Gas Shortage			
98	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.			
	Bibiana South 400 MW	Gas (PDB)				0	0	0	0						
	Sylhet Zone Total			2033	1988	659	839	1130	1135	291	460				
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	210	340	350	410						
101	Fairdur 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	100	225						
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	99	115	115	115						
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	60	100						
106	Noapara 40 MW PP (Khanjahan Al)	HFO (QRPP)	5x8.5	40	40	40	40	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	943	943	755	951						
	Khulna Zone Total			2288	2284	1292	1643	1625	2152	0	0				
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	64	110	110	110						
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	27	41	33	33						
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	30	81	80	81		113	GT-2 Under maint.			
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	87	79	76	79						
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	450	545	600	600						
	Barishal Zone Total			1054	1054	658	856	899	903	0	113				
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	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	50	0	50						
116	Baghabari 200 MW PP (Paramour)	HSD (IPP)	135x1.6	200	200	0	0	200	200						
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	35	0	40						
118	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0						
119	Chapainawabganj 100 MW Peakin	HFO (PDB)	12x8.924	104	104	0	49	100	100						
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	43	0	45						
121	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	16	50	50						
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	0	35						
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	0	14	180	220	206		Gas Shortage			
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	175	187	200	220						
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	250	412	414	414						
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	20	22	22						
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	11	10	10						
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	8	8	8	8						
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	52	52	52						
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	109	113	113						
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	35	111	113	113						
	Rajshahi Zone Total			2193	2183	605	1149	1462	1692	587	0				
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage			
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage			
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	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	112	113	113	113						
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	8	0	10						
138	Majpara, Talulia 8 MW Solar PP (Sympa I)	Solar (IPP)	1 x 8	8	8	7.9	0	8	0						
	Rangpur Zone Total			685	605	270	271	271	273	170	0				
	Sub-total: Plants in operation			20383	19892	8854.6	11454	13095	14604	1898	1760				
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					8470	10957	12526	13970						
	(B) Contract expired power plants														
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0						
	Gross Total			20383	19892	8855	11454	13095	14604	1898	1760				
	(C) Actual data of 03.08.20 (Yesterday) Monday :														
01.	Max. Demand (Generation end)			11454.00	MW, at = 21:00 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)			10957.00	MW, at = 21:00 hrs P		Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)			11454.00	MW, at = 21:00 hrs P		MW	MW	MW		MW	MW	MW		
04.	Minimum Generation (Generation end)			8850.90	MW, at = 8:00 hrs	Dhaka	3013	3013	0	Mymensingh	1020	1020	0		
05.	Day-peak Generation (Generation end)			8854.60	MW, at = 12:00 hrs	Chattogram	1149	1149	0	Sylhet	498	498	0		
06.	Evening-peak Generation (Generation end)			11454.00	MW, at = 21:00 hrs	Khulna	1561	1561	0	Barishal	386	386	0		
07.	Evening Peak Load-shed (Sub-station end)			0.00	MW, at = 21:00 hrs	Rajshahi	1316	1316	0	Rangpur	773	773	0		
08.	Actual Minimum Generation up to 8:00 hrs.			8519.70	MW, at = 7:00 hrs	Cumilla	1241	1241	0						
09.	Generation shortfall at evening peak due to :									Total	10957	10957	0		
	a) Gas limitation			1643	MW					(a) Gas =	137539003	Taka	(c) Coal =	77524453	Taka
	d) Coal supply Limitation			170	MW					(b) Oil =	572054965	Taka	Total =	787118421	Taka
	b) Low water level in Kaptai lake			85	MW										
	c) Plants under shut down/ maintenance			1760	MW										
10.	Total Energy (Generation + India Import)			236.70	MKWh	14.	Maximum Temperature in Dhaka was : 36.5° C								
	By Gas = 116.446			MKWh	By Oil = 74.209	15.	Export through East-West interconnections :								
	By Coal = 16.819			MKWh	By Hydro = 3.390		At evening peak-hour : -276 MW, at 21:00 hrs PM								
	By Solar= 0.167			MKWh			Maximum : -466 MW, at 5:00 hrs								
							Energy : 3.9055 MKWh								
11.	Total Gas Supplied			1034.53	MMCFD										
	(D) Forecast of 04.08.20 (Today) Tuesday :														
01.	Maximum Demand			11400	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation			14604	MW (Generation end)	05.	Total Generation : 235.58 MKWh								
03.	Maximum Shortage			-3204	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 36.3° C								

*Captive Power ** Imported Power

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

(Fazul Islam Shaker)
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