



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

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Table with columns: Month January, 2020; Day: Monday; Date: 27.01.20; Probable Maximum Demand: 9100 MW; Probable Maximum Generation: 14282 MW; Water Level of Kaptai Lake at 06:00 AM; St. No.; Name of Power Station; Capacity (MW); Installed Capacity (MW); Derated/ Present Capacity (MW); Actual Peak Generation (MW) (Today, Yesterday); Probable Peak Generation (MW) (Today, Yesterday); Status of Machines under shut-down/ Maintenance; Description/ Remarks; Probable start-up date.

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.01.20 (Yesterday)		27.01.20 (Today)		26.01.20 (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)				
81	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	60	54	54					
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	66	66	66	66					
83	Fenchugonj 51 MW PP (Barakattul)	Gas (RPP)	19x2.90	51	51	50	53	51	51					
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44					
85	Kushlaha 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	0	0	0	0					
86	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	68	45	66	66					
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	149	136	160	160					
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	76	76	76	76					
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	68	70	70	70		on test			
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	17	17					
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 (CIPP, REB)	3x9.34	25	25	24	24	24	24					
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	320	341	341					
96	Bibiyan-II 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	146	145	230	230					
Sylhet Zone Total					1944	1899	1078	1066	1220	1220	0	0		
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40					
98	Bheramara 410 MW CCGP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	0	0	0	0		410	Under Maint.		
99	Fairdipor 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	36			30.01.2020		
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70					
101	Khulna 225 MW CCGP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	230					
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	68	115	115	115					
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	0	80	100					
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	24	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 (NWP/GCL)	6x18.415	105	105	0	67	50	105					
**	Bheramara (HVDC)	India		1000	1000	307	743	312	756					
Khulna Zone Total					2328	2314	375	949	670	1590	0	410		
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	12	21	20	20					
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	97	95	97	97					
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	39	35	95	95					
Barisal Zone Total					472	462	148	261	282	352	0	0		
112	a) Baghabani 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0		71	Gas Shortage		
	b) Baghabani 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Gas Shortage		
113	Baghabani 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50					
114	Baghabani 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	50	50	50	50					
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	24	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 CCGP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	190	170	210	210					
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	0					
123	Sirajgonj 225MW CCGP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	210	166	220	220					
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	428	370	410	410					
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	2	2	22	22					
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	3	3	10	10					
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	109	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	914	925	1458	1724	171	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	123	122	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	285	285	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	71	113	113	113					
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17					
136	Majpara, Tatala 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	2.3	0	8	0					
Rangpur Zone Total					685	605	481	520	531	557	0	85		
Sub-total: Plants in operation					19580	19057	7308.5	9019	11238	14282	1465	819		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss														
(B) Contract expired power plants							6858	8216	10545	13402				
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	7308.5	9019	11238	14282	1465	819		
(C) Actual data of 26.01.20 (Yesterday) Sunday :														
01.	Max. Demand (Generation end)	:	9019.00	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)	:	8216.00	MW,	at =	19:30 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9019.00	MW,	at =	19:30 hrs P	Dhaka	2952	2952	0	Mymensingh	740	740	0
04.	Minimum Generation (Generation end)	:	5567.00	MW,	at =	4:00 hrs	Chattogram	861	861	0	Sylhet	311	311	0
05.	Day-peak Generation (Generation end)	:	7308.50	MW,	at =	09:00 hrs	Khulna	1056	1056	0	Barishal	250	250	0
06.	Evening-peak Generation (Generation end)	:	9019.00	MW,	at =	19:30 hrs P	Rajshahi	1056	1056	0	Rangpur	250	250	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs P	Cumilla	740	740	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5589.00	MW,	at =	5:00 hrs am								
09.	Generation shortfall at evening peak due to :	:												
a)	Gas limitation	:	1275	MW			13.	Fuel cost :	(a) Gas = 120153363 Taka	(c) Coal = 45536654 Taka				
c)	Coal supply Limitation	:	0	MW				(b) Oil = 176412803 Taka	Total = 165690017 Taka					
b)	Low water level in Kaptai lake	:	190	MW										
c)	Plants under shut down/ maintenance	:	819	MW			14.	Maximum Temperature in Dhaka was :	23.6° C					
10.	Total Energy (Generation + India Import)	:	170.72	MKWh			15.	Export through East-West interconnections :						
	By Gas = 130.875 MKWh				By Oil = 19.051 MKWh			At evening peak-hour	: -392	MW,	at	19:30 hrs PM		
	By Coal = 9.617 MKWh				By Hydro = 0.873 MKWh			Maximum	: -618	MW,	at	24:00		
	By Solar = 0.078 MKWh							Energy	: 6.186	MKWh				
11.	Total Gas Supplied	:	1062.71	MMCFD										
(D) Forecast of 27.01.20 (Today) Monday :														
01.	Maximum Demand	:	9100	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14282	MW	(Generation end)		05.	Total Generation	:	172.25	MKWh			
03.	Maximum Shortage	:	-5182	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	23.6° C				

* Captive Power ** Imported Power

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

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