

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.12.19 (Yesterday)		30.12.19 (Today)		29.12.19 (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)				
80	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	30	30	60	60					
81	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	74	74	85	86					
82	Fenchugonj 51 MW PP (Barakattul)	Gas (RPP)	19x2.90	51	51	2	53	51	51					
83	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	30	50	44	44					
84	Kushihara 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	163	163					
85	Hobiganj 11MW PP Confidence-E	Gas (SI/PP, REB)	4x2.90	11	11	0	11	11	11					
86	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	45	57	66	66					
87	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	152	144	160	160					
88	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	50	79	75	79					
89	Sylhet 10 MW CCGP	Gas (PDB)	1x142	142	142	0	0	0	0	142	Under Overhauling	31.01.20		
90	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	17	17	17					
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	27	34	40	40					
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10					
93	Shahjahanulla 25 MW PP	Gas (C/PP, REB)	3x9.34	25	25	0	24	24	24					
94	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	280	341	341					
95	Bibiyan-II 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	302	363	400	400					
Sylhet Zone Total					1944	1899	1152	1356	1547	1552	0	142		
96	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40					
97	Bheramara 410 MW CCGP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	330	310	400	400					
98	Fairdip 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	25					
99	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70					
100	Khulna 225 MW CCGP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	200					
101	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	83	0	115					
102	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	0	80	100					
103	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40					
104	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	50	105					
105	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	50	32	100					
**	Bheramara (HVDC)	India		1000	1000	295	636	180	460					
Khulna Zone Total					2328	2314	625	1079	812	1655	0	0		
106	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30					
107	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	32	70	110					
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	17	25	20	20					
109	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	147	130	150	150					
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	95	95					
Barishal Zone Total					472	462	164	187	335	405	0	0		
111	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	70	70	70	1	Gas Shortage			
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Gas Shortage			
112	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50					
113	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200					
114	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45					
115	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	50	50	50					
116	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	80	100					
117	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40					
118	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	40	40					
119	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	36					
120	Sirajgonj 225MW CCGP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	214	172	210	210					
121	Sirajgonj 225MW CCGP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	173	151	220	220	220	Gas Shortage			
122	Sirajgonj 225MW CCGP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	0	0	0	0					
123	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	358	345	400	430					
124	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22					
125	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	14	14					
126	Ullapara 11 MW PP (Summit)	Gas (SI/PP, REB)	4x2.90	11	11	11	11	11	11					
127	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52					
128	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	0	113	113					
129	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	0	113					
Rajshahi Zone Total					2193	2183	780	826	1522	1816	321	0		
130	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Maintenance	04.01.20		
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Shutdown for Low Demand			
131	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	260	260	260	260					
132	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17					
133	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	106	113	113					
134	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17					
135	Majpara, Tahula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	4.9	0	8	0					
Rangpur Zone Total					685	605	265	366	381	407	0	170		
Sub-total: Plants in operation					19467	18944	6548.6	8567	12004	14777	1489	363		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					6160	7868	11290	13899						
(B) Contract expired power plants														
136	Ashuganj 53MW PP (United)	Gas (QRPP)	14x4.00	53	53	0	0	0	0		Contract expired			
137	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0		Contract expired			
Sub-Total: Plants under long term maintenance					103	103	0	0	0	0				
Gross Total					19570	19047	6548.6	8567	12004	14777	1489	363		
(C) Actual data of 29.12.19 (Yesterday) Sunday :														
01.	Max. Demand (Generation end)	:	8567.00	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)	:	7868.00	MW,	at =	19:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8567.00	MW,	at =	19:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	5030.00	MW,	at =	5:00 hrs	Dhaka	2888	2888	0	Mymensingh	623	623	0
05.	Day-peak Generation (Generation end)	:	6548.59	MW,	at =	12:00 hrs	Chattogram	833	833	0	Sylhet	310	310	0
06.	Evening-peak Generation (Generation end)	:	8567.00	MW,	at =	19:00 hrs	Khulna	1023	1023	0	Barishal	224	224	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs P	Rajshahi	1023	1023	0	Rangpur	224	224	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	5083.00	MW,	at =	5:00 hrs am	Cumilla	720	720	0				
09.	Generation shortfall at evening peak due to :	:									Total	7868	7868	0
	a) Gas limitation	:	1299	MW			13.	Fuel cost :	(a) Gas = 123928344 Taka	(c) Coal = 23387438 Taka				
	c) Coal supply Limitation	:	0	MW				(b) Oil = 54225400 Taka	Total = 147315782 Taka					
	b) Low water level in Kaptai lake	:	190	MW										
	c) Plants under shut down/ maintenance	:	363	MW										
10.	Total Energy (Generation + India Import)	:	157.31	MKWh			14.	Maximum Temperature in Dhaka was :	25.2° C					
	By Gas = 133.073 MKWh						15.	Export through East-West interconnections :						
	By Coal = 5.718 MKWh							At evening peak-hour	: -411	MW,	at	19:00 hrs PM		
	By Solar = 0.152 MKWh							Maximum	: -523	MW,	at	8:00 hrs		
								Energy	: 3.497	MKWh				
11.	Total Gas Supplied	:	1093.31	MMCFD										
(D) Forecast of 30.12.19 (Today) Monday :														
01.	Maximum Demand	:	8800	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14777	MW	(Generation end)		05.	Total Generation	:	161.59	MKWh			
03.	Maximum Shortage	:	-5977	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	25.8° C				

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation