



Bangladesh Power Development Board  
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation  
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Table with columns: Month August, 2019, Probable Maximum Demand: 12300 MW, Day: Wednesday, Probable Maximum Generation: 14479 MW, Date: 07.08.19. Includes detailed rows for various power stations with columns for capacity, generation, and status.

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.08.19 (Yesterday)		07.08.19 (Today)		06.08.19 (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)			
78	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	54	54	52	52				
79	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	68	68	69	69				
80	Fenchugonj 51 MW PP (Barakatul)	Gas (RPP)	19x2.90	51	51	42	50	51	51				
81	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	44	46	44	44				
82	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	100	163	163	163				
83	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
84	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	61	63	64	66				
85	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	265	262	260	260				
86	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	70	72	73	75				
87	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	45	44	44	44				
88	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	90	110	120	120				
89	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	17	17	17	17				
90	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	38	40	42	43				
91	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	15	24	24				
93	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	300	300	320				
94	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285	285	285	84	84	85	85				
<b>Sylhet Zone Total</b>					<b>1879</b>	<b>1834</b>	<b>1305</b>	<b>1409</b>	<b>1429</b>	<b>1454</b>	<b>0</b>	<b>0</b>	
95	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	32				
96	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 279+1 x 132	410	410	300	340	300	300				
97	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	36				
98	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	70	0	75				
99	Khulina 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	40	80	225	225				
100	Khulina 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	32	115	115	115				
101	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	80	100				
102	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	40	40	40				
103	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	105	105	105	105				
104	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	17	105	10	100				
**	Bheramara (HVDC)	India		1000	1000	929	928	935	935				
<b>Khulina Zone Total</b>					<b>2328</b>	<b>2314</b>	<b>1431</b>	<b>1910</b>	<b>1810</b>	<b>2063</b>	<b>0</b>	<b>0</b>	
105	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
106	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	64	70	110				
107	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	24	33	33	35				
108	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	178	178	175	180				
109	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	84	96	95	95				
<b>Barishal Zone Total</b>					<b>472</b>	<b>462</b>	<b>286</b>	<b>371</b>	<b>373</b>	<b>450</b>	<b>0</b>	<b>0</b>	
110	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	55	55				
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under transformer Maint. 14.8.19	
111	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	50	50				
112	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
113	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	32	0	30				
114	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	12	40	40	40				
115	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	37	90	80	100				
116	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	46	47	47				
117	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50				
118	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	35	0	35				
119	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	135	165	215	215				
120	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	0	0	0	0				
121	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	138	165	205	215				
122	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	300	400	400	400				
123	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22				
124	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	13	13	14	14				
125	Ulapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
126	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	52	52	52	52				
127	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	95	113	113	113				
<b>Rajshahi Zone Total</b>					<b>2080</b>	<b>2070</b>	<b>858</b>	<b>1284</b>	<b>1554</b>	<b>1649</b>	<b>0</b>	<b>100</b>	
128	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0				
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Maintenance 25.8.19	
129	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	230	220	250	250				
130	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
	Rangpur 113 MW PP (Confidence)	HFO (IPP)				65	114	114	114			On Test	
131	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
132	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	7.2	0	3	0			On Test	
<b>Rangpur Zone Total</b>					<b>572</b>	<b>492</b>	<b>302</b>	<b>334</b>	<b>367</b>	<b>381</b>	<b>0</b>	<b>85</b>	
<b>Sub-total: Plants in operation</b>					<b>18833</b>	<b>18310</b>	<b>10073</b>	<b>12342</b>	<b>12828</b>	<b>14479</b>	<b>877</b>	<b>185</b>	
<b>Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss</b>							<b>9700</b>	<b>11645</b>	<b>12353</b>	<b>13943</b>			
<b>(B) Contract expired power plants</b>													
133	Brahmanbaria 85 MW PP (Aggreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			Contract expired	
134	Sikalbaha 51 MW PP(Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	0	0	0	0			Contract expired	
<b>Sub-Total: Plants under long term maintenance</b>					<b>136</b>	<b>136</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Grand Total</b>					<b>18969</b>	<b>18446</b>	<b>10073</b>	<b>12342</b>	<b>12828</b>	<b>14479</b>	<b>877</b>	<b>185</b>	
<b>(C) Actual data of 06.08.19 (Yesterday) Tuesday :</b>													
01.	Max. Demand (Generation end)	:	12342.00 MW, at = 21:00:00 hr	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	11645.00 MW, at = 21:00:00 hr	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	:	12342.00 MW, at = 19:30 hrs	Dhaka	4483	4483	0	Mymensingh	967	967	0		
04.	Minimum Generation (Generation end)	:	9591.90 MW, at = 8:00 hrs	Chattogram	1130	1130	0	Sylhet	510	510	0		
05.	Day-peak Generation (Generation end)	:	10072.70 MW, at = 11:00 hrs	Khulina	1476	1476	0	Barishal	274	274	0		
06.	Evening-peak Generation (Generation end)	:	12342.00 MW, at = 21:00:00 hr	Rajshahi	1476	1476	0	Rangpur	274	274	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 21:00:00 hr	Cumilla	1055	1055	0						
08.	Actual Minimum Generation up to 8:00 hrs.	:	8353.20 MW										
09.	Generation shortfall at evening peak due to :	:											
	a) Gas limitation	:	877 MW	13.	Fuel cost :		(a) Gas = 140782863 Taka	(c) Coal = 19341201 Taka					
	d) Coal supply Limitation	:	0 MW				(b) Oil = 711340215 Taka	Total = 160124064 Taka					
	b) Low water level in Kaptai lake	:	0 MW										
	c) Plants under shut down/ maintenance	:	185 MW	14.	Maximum Temperature in Dhaka was :		35.3° C						
10.	Total Energy (Generation + India Import)	:	258.26 MKWh	15.	Export through East-West interconnections :								
	By Gas = 145.591 MKWh		By Oil = 78.892 MKWh		At evening peak-hour : -140 MW, at 21:00:00 hrs PM								
	By Coal = 4.729 MKWh		By Hydro = 4.343 MKWh		Maximum : -585 MW, at 2:00 hrs								
	By Solar = 0.157 MKWh				Energy : 3.301 MKWh								
11.	Total Gas Supplied	:	1298.84 MMCFD										
<b>(D) Forecast of 07.08.19 (Today) Wednesday :</b>													
01.	Maximum Demand	:	12300 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	:	14479 MW (Generation end)	05.	Total Generation : 257.38 MKWh								
03.	Maximum Shortage	:	-2179 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 33.5° C								

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

(MONIRUZZAMAN)  
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