



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

Office of the Member, Generation  
 Tel : 9564667, 9551095

Month: January, 2018				Day : Friday				Date : 26.01.18					
Probable Maximum Demand :			7700 MW			Probable Maximum Generation :			9765 MW				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 99.25 ft				Today = 99.13 ft					
				Rule Curve = 98.40 ft.									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.01.18 (Yesterday)		26.01.18 (Today)		25.01.18 (Yesterday)		Status of Machines under shut-down/ Maintenance		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :				
					Day	Evening	Day	Evening	Gas/ water limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date	
<b>(A) Plants in operation:</b>													
1	a) Ghorasal ST:Unit -1	Gas (PDB)	1 x 55	55	40	0	0	0	0	40		Gas Shortage	
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	0	0	0	0	45		Gas Shortage	
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170		Gas Shortage	
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	120	120	120	120	70		Gas Shortage	
	Ghorasal CCGP:Unit-7	Gas (PDB)				395	370	395	395			On Test	
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128X0.85	100	100	0	0	10	10				
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58X0.85	45	45	20	20	20	20				
4	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	20	20				
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	10	10				
6	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0		105	Under Maintenance	31.01.18
7	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	10	10	20	20				
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	55	84	84				
9	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	320	291	360	360				
10	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	360	450	450	450				
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage	
12	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	375	370	412	412				
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	92	65	0	0	145		Gas Shortage	
	Siddirganj CCGP-335 MW GT	Gas (EGCB)				132	105	200	200			On Test	
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100				
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	77	80	80				
16	Paglia (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	50	50				
17	Meghnaghat CCGP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	305	305				
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	82	85	85				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	2	30	100	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	40	55	55	55				
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	60	75	75				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	66	102	102				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	20	22	22	22				
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x6.73	80	80	58	58	58	58				
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	43	43	43				
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	90	149	149	149				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	0	42	42				
	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)				18	54	54	54			On Test	
30	Southern Power	HFO (IPP)	3x19.3	55	55	17	36	55	55				
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	55	55	55				
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	60	60	80	80			COD 22.02.2017	
<b>Dhaka Zone Total</b>				<b>4644</b>	<b>4408</b>	<b>2272</b>	<b>2761</b>	<b>3677</b>	<b>3677</b>	<b>765</b>	<b>105</b>		
33	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	85	115	70	116				
	a) Chittagong ST:Unit -1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
	b) Chittagong ST:Unit -2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
35	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	17	26	26	26				
36	Patanga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	11	44	44	44				
37	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage	
38	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150		Gas Shortage	
39	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225		Gas Shortage	
40	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	30	42	42	42				
41	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	78	78	78	78				
42	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	15	65	68	68				
43	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	84	0	84				
44	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	15	14	15	15				
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	15	40	30				
45	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	97	97	98	98				
<b>Chittagong Zone Total</b>				<b>1641</b>	<b>1561</b>	<b>350</b>	<b>580</b>	<b>481</b>	<b>601</b>	<b>775</b>	<b>0</b>		
46	a) Ashuganj ST: Unit-2	Gas (APSCL)	1 x 64	64	53	0	0	0	0		53	Under Maintenance	31.01.18
	b) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage	
	c) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	0	0	0	0	129		Gas Shortage	
	d) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	135	135	135	135				
47	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	43	43	43	43				
48	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	186	187	221	221				
49	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	270	270	360	360				
50	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	280	310	360	360				
51	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	30	10	10	10				
52	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	10	10	10	10				
53	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	197	154	150	150				
54	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	5	5	5				
55	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	2	85	85	85				
56	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	0	30			
57	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0	163		HGPI	10.02.18
58	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19				
59	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11				
60	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33				
61	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	34	34	34	34				
62	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	24	24	24				
**	Tripura	India		160	160	94	132	100	132				
<b>Comilla Zone Total</b>				<b>2465</b>	<b>2394</b>	<b>1366</b>	<b>1459</b>	<b>1600</b>	<b>1662</b>	<b>264</b>	<b>216</b>		
63	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	142	144	150	150	58		Gas Shortage	
64	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20				
65	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	92	80	95	95				
66	Sarshabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.9	0	2	0			COD on 03.08.17	
<b>Mymensing Zone Total</b>				<b>330</b>	<b>322</b>	<b>254.9</b>	<b>244</b>	<b>267</b>	<b>265</b>	<b>58</b>	<b>0</b>		

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.01.18 (Yesterday)		26.01.18 (Today)		25.01.18 (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 limitation MW	Machines shut down (MW)			
67	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	10	30	30	30				
68	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	43	44	44	44				
69	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	22	30	30				
70	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	21	44	44				
71	Kushiara 163 MW Fenchugonj	Gas (IPP)	1x109	109	109	0	0	109	109				
72	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
73	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	67	68	68	68				
74	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	160	183	180	183				
75	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	20	86	86				
76	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	2	47	47	47				
77	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	53	87	130	130				
78	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0	20		Under Overhauling	
79	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	0	30	30	41	43				
80	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	0	10	10				
81	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24				
82	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	260	260	341	341				
<b>Sylhet Zone Total</b>				<b>1540</b>	<b>1445</b>	<b>675</b>	<b>847</b>	<b>1195</b>	<b>1200</b>	<b>0</b>	<b>20</b>		
83	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
84	Bheramara 360 MW CCPP	Gas (NWPGCL)	1 x 278	278	278	320	435	410	278				
85	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	43	0	43				
86	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	50	0	80				
87	Khulna CCPP	HSD (NWPGCL)	1 x 150+1x75	230	230	0	0	0	0				
88	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	51	110	110	110				
89	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	71	115	115	115				
90	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	0	45				
91	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	33	32	32	32				
**	Bheramara HVDC Interconnector	India		500	500	486	486	492	492				
<b>Khulna Zone Total</b>				<b>1551</b>	<b>1537</b>	<b>961</b>	<b>1271</b>	<b>1159</b>	<b>1225</b>	<b>0</b>	<b>0</b>		
92	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
93	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	96	110	110				
94	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	11	26	26	26				
95	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	154	180	194	194				
<b>Barisal Zone Total</b>				<b>377</b>	<b>367</b>	<b>181</b>	<b>302</b>	<b>330</b>	<b>360</b>	<b>0</b>	<b>0</b>		
96	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage	
96	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Under Maintenance	
97	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	34	0	34				
98	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	0				
99	Ammura	HFO (QRPP)	7x7.79	50	50	12	50	50	50				
100	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	68	90	90			COD on 12.08.17	
101	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	32	32				
102	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	16	35	35	35				
103	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	38	38	38				
104	Sirajganj CCPP 1	Gas (NWPGCL)	1x150+1x75	210	210	0	0	0	210			Gas Shortage	
104	Sirajganj CCPP 2	Gas (NWPGCL)		210	210	0	0	0	0			On Test	
105	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	22	21	22	22				
106	Bogra (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	9	7	10	10				
107	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8				
108	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	8	52	52	52				
<b>Rajshahi Zone Total</b>				<b>913</b>	<b>903</b>	<b>75</b>	<b>313</b>	<b>337</b>	<b>371</b>	<b>281</b>	<b>100</b>		
109	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Under Overhauling	
109	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	79	76	76	76			10.02.18	
109	Barapukuria ST:Unit - 3	Coal (PDB)				290	293	290	290			On Test	
110	Rangpur GT	HSD (PDB)	1 x 20	20	20	18	17	18	18				
111	Syedpur GT	HSD (PDB)	1 x 20	20	20	20	20	20	20				
<b>Rangpur Zone Total</b>				<b>290</b>	<b>210</b>	<b>407</b>	<b>406</b>	<b>404</b>	<b>404</b>	<b>0</b>	<b>85</b>		
<b>Sub-total: Plants in operation</b>				<b>13751</b>	<b>13147</b>	<b>6542</b>	<b>8183</b>	<b>9450</b>	<b>9765</b>	<b>2143</b>	<b>526</b>		
<b>Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss</b>						<b>6139</b>	<b>7679</b>	<b>8868</b>	<b>9164</b>				

<b>(B) List of Contract Expired Power Plants :</b>													
112	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	0	0	0	0	0	0	0	Contract Expired	Uncertain
<b>Sub-total: Plants under long term maintenance</b>				<b>95</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Gross Total</b>				<b>13846</b>	<b>13147</b>	<b>6542</b>	<b>8183</b>	<b>9450</b>	<b>9765</b>	<b>2143</b>	<b>526</b>		

<b>(C) Actual data of 25.01.18 (Yesterday) Thursday :</b>												
01.	Max. Demand (Generation end)	:	8183.00 MW, at = 19:00 hrs	11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	7679.00 MW, at = 19:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	:	8183.00 MW, at = 19:00 hrs	Dhaka	2794	2794	0	Mymensingh	577	577	0	
04.	Minimum Generation (Generation end)	:	5032.00 MW, at = 4:00 hrs	Chittagong	871	871	0	Sylhet	305	305	0	
05.	Day-peak Generation (Generation end)	:	6541.90 MW, at = 9:00 hrs	Khulna	905	905	0	Barisal	177	177	0	
06.	Evening-peak Generation (Generation end)	:	8183.00 MW, at = 19:00 hrs	Rajshahi	869	869	0	Rangpur	536	536	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:00 hrs	Cumilla	645	645	0	<b>Total</b>	<b>7679</b>	<b>7679</b>	<b>0</b>	
08.	Generation shortfall at evening peak due to :			12.	Fuel cost :	(a) Gas = 83583138 Taka	(c) Coal = 11392176 Taka					
	a) Gas limitation	:	2143 MW			(b) Oil = 183282650 Taka	<b>Total = 278257964 Taka</b>					
	b) Low water level in Kaptai lake	:	0 MW									
	c) Plants under shut down/ maintenance	:	526 MW									
09.	Total Energy (Generation + India Import)	:	158.28 MKWh	13.	Maximum Temperature in Dhaka was :	26.5° C						
	By Gas = 111.68 MKWh		23.19 MKWh	14.	Export through East-West interconnections :							
	By Coal = 9.05 MKWh		1.74 MKWh		At evening peak-hour	:	-500 MW, at 19:00 hrs					
					Maximum	:	-660 MW, at 7:00 hrs					
10.	Total Gas Supplied	:	869.72 MMCFD		Energy	:	6.3605 MKWh					

<b>(D) Forecast of 26.01.18 (Today) Friday :</b>							
01.	Maximum Demand	:	7700 MW (Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)
02.	Maximum Generation	:	9765 MW (Generation end)	05.	Total Generation	:	148.94 MKWh
03.	Maximum Shortage	:	-2065 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	24.8° C

\* Captive Power \*\* Imported Power

#Remarks: Highest Generation 9507MW on 18-10-2017 at 19:30

(MONIRUZZAMAN)  
Deputy Secretary, Generation