



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month: January, 2018			Day : Thursday				Date : 25.01.18					
Probable Maximum Demand : 8100 MW			Probable Maximum Generation : 10349 MW									
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 99.40 ft		Today = 99.25 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)	24.01.18 (Yesterday)		25.01.18 (Today)		24.01.18 (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
								Gas/ water limitation MW	Machines shut down (MW)			
						Day	Evening	Day	Evening			
<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)				394	395	395	395			On Test
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128X0.85	100	100	6	0	100	100			
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	20	20	45	45			
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	108	108			
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	78	78			
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	40	10	20	20			
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	84	84			
9	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	341	320	360	360			
10	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	400	400	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	380	380	412	412			
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	87	39	65	80	171		Gas Shortage
	Siddirganj CCGP-335 MW GT	Gas (EGCB)				0	190	132	150			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	84	84	84			
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	67	92	92			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	10	15	100	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	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	0	20	20			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	55	35	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	48	95	149	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	0	42	42			
	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)				18	18	18	18			On Test
30	Southern Power	HFO (IPP)	3x19.3	55	55	17	55	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	25	34	84	84			COD 22.02.2017
<b>Dhaka Zone Total</b>				<b>4644</b>	<b>4408</b>	<b>2139</b>	<b>2614</b>	<b>3922</b>	<b>3955</b>	<b>791</b>	<b>105</b>	
33	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	120	70	120			
34	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	26	26	26	26			
36	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	44	44	45	45			
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	42	32	42	42			
41	Julda (Accom)	HFO (QRPP)	8x13.45	100	100	78	78	78	78			
42	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	15	67	68	68			
43	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	68	68	68			
44	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	15	14	15	15			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34	108	108	91	97	98	98			
45	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	91	97	98	98			
<b>Chittagong Zone Total</b>				<b>1641</b>	<b>1561</b>	<b>354</b>	<b>552</b>	<b>525</b>	<b>575</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+1x75	221	221	186	195	221	221			
49	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	360	360	360	360			
50	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	300	300	360	360			
51	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	30	30	20	30			
52	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	3	15	10	15			
53	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*116	195	195	185	165	195	195			
54	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	23	5	45			
55	Brahambaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	6	5	85	85			
56	Titias (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	22	22			
59	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	8	11	11			
60	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	34	33	33			
61	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	34	41	34	41			
62	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	23	23	24	24			
**	Tripura	India		160	160	90	116	91	122			
<b>Comilla Zone Total</b>				<b>2465</b>	<b>2394</b>	<b>1463</b>	<b>1452</b>	<b>1649</b>	<b>1772</b>	<b>264</b>	<b>216</b>	
63	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	105	158	162	150	44		Gas Shortage
64	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
65	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	95	95	95	95			
66	Sarishabari 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>222.9</b>	<b>275</b>	<b>281</b>	<b>267</b>	<b>44</b>	<b>0</b>	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.01.18 (Yesterday)		25.01.18 (Today)		24.01.18 (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	30	30	30	30					
68	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	32	43	43	43					
69	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	22	48	48					
70	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	7	20	50	50					
71	Kushiara 163 MW Fenchugonj	Gas (IPP)	1x109	109	109	30	109	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	20	67	62	67					
74	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	160	160	330	Under Maintenance	01.02.18		
75	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	82	86	86					
76	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	30	47	45	45					
77	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	67	99	130	130					
78	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0	20	Under Overhauling	29.01.18		
79	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	0	31	44	50	50					
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	298	341	341					
<b>Sylhet Zone Total</b>				<b>1540</b>	<b>1445</b>	<b>552</b>	<b>896</b>	<b>1199</b>	<b>1204</b>	<b>0</b>	<b>350</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	380	400	410	278					
85	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	42	0	50					
86	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	30	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	110	110	110	110					
89	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	95	115	115	115					
90	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	45	45					
91	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	33	32	32	32					
**	Bheramara HVDC Interconnector	India		500	500	488	488	492	492					
<b>Khulna Zone Total</b>				<b>1551</b>	<b>1537</b>	<b>1106</b>	<b>1217</b>	<b>1204</b>	<b>1232</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	32	110	110	110					
94	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	11	20	27	27					
95	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	175	200	194	194					
<b>Barisal Zone Total</b>				<b>377</b>	<b>367</b>	<b>218</b>	<b>330</b>	<b>331</b>	<b>361</b>	<b>0</b>	<b>0</b>			
96	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	71		Gas Shortage			
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Under Maintenance	30.01.18		
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	25	24	43	43					
100	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	51	92	92		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	8	24	35	35					
103	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	29	0	33					
104	Sirajganj CCPP 1	Gas (NWPGCL)	1x150+1x75	210	210	0	0	210	210	210	Gas Shortage			
	Sirajganj CCPP 2	Gas (NWPGCL)		22	22	0	0	0	0		On Test			
105	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22					
106	Bogra (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	9	9	15	15					
107	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8					
108	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	25	52	52					
<b>Rajshahi Zone Total</b>				<b>913</b>	<b>903</b>	<b>72</b>	<b>226</b>	<b>509</b>	<b>576</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	10.02.18		
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	81	83	84	84					
	Barapukuria ST:Unit - 3	Coal (PDB)				285	290	291	285		On Test			
110	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	18	18	18					
111	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	20	20	20					
<b>Rangpur Zone Total</b>				<b>290</b>	<b>210</b>	<b>366</b>	<b>411</b>	<b>413</b>	<b>407</b>	<b>0</b>	<b>85</b>			
<b>Sub-total: Plants in operation</b>				<b>13751</b>	<b>13147</b>	<b>6493</b>	<b>7973</b>	<b>10033</b>	<b>10349</b>	<b>2155</b>	<b>856</b>			
<b>Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss</b>						<b>6099</b>	<b>7489</b>	<b>9424</b>	<b>9721</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>6493</b>	<b>7973</b>	<b>10033</b>	<b>10349</b>	<b>2155</b>	<b>856</b>		

<b>(C) Actual data of 24.01.18 (Yesterday) Wednesday :</b>												
01.	Max. Demand (Generation end)	: 7973.00 MW, at = 19:30 hrs	11.		Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 7489.00 MW, at = 19:30 hrs	12.		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	: 7973.00 MW, at = 19:30 hrs	13.		Dhaka	2660	2660	0	Mymensingh	534	534	0
04.	Minimum Generation (Generation end)	: 4889.00 MW, at = 5:00 hrs	14.		Chittagong	869	869	0	Sylhet	302	302	0
05.	Day-peak Generation (Generation end)	: 6492.90 MW, at = 9:00 hrs	15.		Khulna	897	897	0	Barisal	177	177	0
06.	Evening-peak Generation (Generation end)	: 7973.00 MW, at = 19:30 hrs	16.		Rajshahi	889	889	0	Rangpur	537	537	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:30 hrs	17.		Comilla	624	624	0	Total	7489	7489	0
08.	Generation shortfall at evening peak due to :		18.		Fuel cost :	(a) Gas = 82176470 Taka		(c) Coal = 12245066 Taka		Taka		
	a) Gas limitation	: 2155 MW	19.		(b) Oil = 168538833 Taka		Total = 262960369 Taka					
	b) Low water level in Kaptai lake	: 0 MW	20.		Maximum Temperature in Dhaka was : 26.5° C							
	c) Plants under shut down/ maintenance	: 856 MW	21.		Export through East-West interconnections :							
09.	Total Energy (Generation + India Import)	: 152.68 MKWh	22.		At evening peak-hour : -560 MW, at 19:30 hrs							
	By Gas = 108.69 MKWh	21.72 MKWh	23.		Maximum : -700 MW, at 7:00 hrs							
	By Coal = 9.07 MKWh	By Hydro = 1.60 MKWh	24.		Energy : 5.9340 MKWh							
10.	Total Gas Supplied	: 870.65 MMCFD	25.									

<b>(D) Forecast of 25.01.18 (Today) Thursday :</b>												
01.	Maximum Demand	: 8100 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 10349 MW (Generation end)	05.	Total Generation	: 155.11 MKWh							
03.	Maximum Shortage	: -2249 MW (Generation end)	06.	Probable Max. Temperature in Dhaka	: 25.6° C							

\* Captive Power \*\* Imported Power

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

(MONIRUZAMAN)  
Deputy Secretary, Generation