



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

Office of the Member, Generation  
Tel : 954667, 9551095

Month: October, 2018						Day : Thursday				Date : 18.10.18					
Probable Maximum Demand : 10400 MW						Probable Maximum Generation : 12508 MW									
Water Level of Kaptai Lake at 06:00 AM						Yesterday = 103.26 ft		Today = 103.35 ft		Rule Curve = 107.60 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.10.18 (Yesterday)		18.10.18 (Today)		17.10.18 (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/Coal limitation MW	Machines shut down (MW)					
(A) Plants in operation:															
1	a) Ghorasal ST:Unit -1	Gas (PDB)	1 x 55	55	40	33	33	33	33						
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	35	35	35	35						
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170		Gas Shortage			
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	80	253	262	262			On Test			
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0						
2	Ghorasal CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	380	380	380						
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	93	94	50	94						
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	79	50	78						
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0						
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	20	20	20	20	20		Gas Shortage			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110						
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	352	360	300	360						
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	420	400	450	450						
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage			
11	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	361	344	412	412						
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage			
13	Siddhirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0		217	Under Maintenance	28.10.18		
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100						
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	64	90	90						
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	20	0	50	50						
17	Meghnaghat CCGP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0						
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	50	100	100						
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	70	100	100						
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	44	55	55	55						
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	40	60	100	100						
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	48	102	102						
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	22	22						
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	50	57	57	57						
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	26	25	26	26						
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33						
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	24	34	43	43						
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	65	149	149						
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	20	39	40	40						
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54						
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	110	232	270	300						
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	97	115	110	115						
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	100	300						
34	Bramhangoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100						
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100						
36	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55						
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	56	55	55						
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	36	50	50	50						
Dhaka Zone Total				6084	5848	2441	3179	3863	4430	515	217				
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	86	88	88	88	142		Water Level Low			
40	a) Chittagong ST:Unit -1	Gas (PDB)	1 x 210	210	180	140	150	150	150	30		Gas Shortage			
	b) Chittagong ST:Unit -2	Gas (PDB)	1 x 210	210	180	120	150	150	150	30		Gas Shortage			
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	26	25	25						
	Teknaf Solartech 20MW	Solar (IPP)				20	0	20	0						
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	30	44	50	50						
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0						
45	Sikalbaha 225 MW CCGP (Dual Fuel)	GAS (PDB)	1 x 150+1 x 75	225	225	204	202	225	225						
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	40	40	40						
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	90	100	100	100						
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	0	51						
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	57	0	80						
50	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22						
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	21	10	15						
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	87	100	100	100						
Chattogram Zone Total				1641	1561	868	1051	980	1096	242	0				
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	100	90	100	100						
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	150	130	100	100						
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	0	0						
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	38	41	41	41						
54	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	223	182	225	225						
55	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	353	305	360	360						
56	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	0	155	360	360						
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	0	5	5	5						
58	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5						
59	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	158	45	90	195						
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0						
61	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	50	85	85	85						
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	41	0	40						
63	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	100	98	100	100						
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19						
65	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	5	11	11						
66	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33						
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	25	52	52						
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	20	20	20						
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200						
**	Tripura	India		160	160	104	140	115	148						
Cumilla Zone Total				2601	2541	1356	1424	1821	2099	0	0				
70	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	66	70	90	90	132		Gas Shortage			
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22						
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	72	72	72						
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	60	190	150	190						
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.8	0	2	0						
Mymensingh Zone Total				530	522	147.8	354	336	374	132	0				

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.10.18 (Yesterday)		18.10.18 (Today)		17.10.18 (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/coal limitation MW	Machines shut down (MW)		
75	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	56	56	60	60				
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	48	60	60	60				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	42	41	41	41				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	47	47	47				
79	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
81	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	63	57	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	320	308	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	50	86	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	46	47	46	46				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	68	78	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	20	20				
87	Sylhet (Eneegyprima)	Gas (RPP)	27x2.0	50	50	44	45	46	46				
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	10	10				
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	25	25	25				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	0	0	0				
Sylhet Zone Total						1594	1549	966	1052	1141	1141	0	0
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
92	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	370	380	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	43	0	42				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	75	0	80				
95	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	120	225	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	0	0	0	0				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	0	66	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	100				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	40	40	40				
	Labon Chora 105 MW	HFO				0	36	50	105			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	761	744	754	754				
Khulna Zone Total						2228	2214	1259	1504	1594	1901	0	0
100	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	110	80	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	13	26	33	33				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	181	148	188	188				
104	Bhola Agreko 95 MW	Gas (QRPP)		95	95	92	96	95	95				
Barishal Zone Total						472	462	302	380	396	456	0	0
105	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under Maintenance	29.10.18
106	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	0	50				
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	47	0	54				
108	Amnura	HFO (QRPP)	7x7.79	50	50	15	50	50	50				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	66	100	100				
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	38	0	40				
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	8	50	50	50				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	36	0	42				
113	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	186	178	210	210				
114	Sirajganj CCPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	0	0	0	0				
115	Sirajganj CCPP-3 GT	Gas (NWPGL)	1x141	141	141	126	120	141	141				
	Sirajganj Unit-4 414 MW(Gas)	Gas				0	0	0	0			On Test	
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	21	22	22				
117	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	4	4	5	5				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	25	52	52				
Rajshahi Zone Total						1274	1264	374	693	641	827	71	100
120	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.10.18
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
121	Barapukuria ST:Unit - 3	Coal (PDB)	2 x 274	274	274	150	149	150	150	125		Coal Shortage	
122	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	17				
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	17				
Rangpur Zone Total						564	484	150	184	150	184	210	85
Sub-total: Plants in operation						16988	16445	7864	9821	10922	12508	1170	402
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss								7421	9268	10307	11804		
(B) List of Contract Expired Power Plants :													
124	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	0	0	0	0	0			Contract expired	
Sub-total: Plants under long term maintenance						55	0	0	0	0	0		
Gross Total						17043	16445	7864	9821	10922	12508	1170	402
(C) Actual data of 17.10.18 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	9821.00	MW, at =	19:00 hrs	11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	9268.00	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)	:	9821.00	MW, at =	19:00 hrs	Dhaka	3696	3696	0	Mymensingh	628	628	0
04.	Minimum Generation (Generation end)	:	6163.80	MW, at =	6:00 hrs	Chattogram	1013	1013	0	Sylhet	329	329	0
05.	Day-peak Generation (Generation end)	:	7863.80	MW, at =	12:00 hrs	Khulna	1100	1100	0	Barishal	212	212	0
06.	Evening-peak Generation (Generation end)	:	9821.00	MW, at =	19:00 hrs	Rajshahi	908	908	0	Rangpur	543	543	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:00 hrs	Cumilla	839	839	0	Total	9268	9268	0
08.	Generation shortfall at evening peak due to :					12.	Fuel cost :		(a) Gas = 97466884 Taka	(c) Coal = 14182412 Taka			
	a) Gas limitation	:	818	MW			(b) Oil = 198730847 Taka			Total = 310380143 Taka			
	b) Low water level in Kaptai lake	:	142	MW									
	c) Plants under shut down/ maintenance	:	402	MW									
09.	Total Energy (Generation + India Import)	:	186.21	MKWh		13.	Maximum Temperature in Dhaka was : 32.2° C						
	By Gas = 135.040 MKWh	By Oil = 24.373 MKWh											
	By Coal = 3.674 MKWH	By Hydro = 2.154 MKWh											
	By Solar= 0.138 MKWH												
10.	Total Gas Supplied	:	1153.99	MMCFD		14.	Export through East-West interconnections :						
							At evening peak-hour		:	-110	MW, at	19:00 hrs	
							Maximum		:	-110	MW, at	19:00 hrs	
							Energy		:	0.5355	MKWh		
(D) Forecast of 18.10.18 (Today) Thursday :													
01.	Maximum Demand	:	10400	MW	(Generation end)	04.	Maximum Load-shed		:	0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation	:	12508	MW	(Generation end)	05.	Total Generation		:	197.19	MKWh		
03.	Maximum Shortage	:	-2108	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 31.8° C						

\* Captive Power \*\* Imported Power

#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZZAMAN)  
Deputy Secretary, Generation