



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month: October, 2018				Day : Tuesday				Date : 23.10.18						
Probable Maximum Demand : 10600 MW				Probable Maximum Generation : 11614 MW										
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 103.01 ft				Today = 102.90 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.10.18 (Yesterday)		23.10.18 (Today)		Rule Curve = 108.10 ft		22.10.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)		Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening	Gas/water/Coal limitation 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	0	249	260	260			On Test		
	(e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190		Gas Shortage		
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	200	250	365	365					
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0					
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	0	0					
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	0	0	0	40		Gas Shortage		
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	13	110	110	110					
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	350	355	360	360					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	0	0	0	0		450	Under Maintenance	05.11.18	
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage		
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0		412	Under Maintenance	25.11.18	
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	200	103	100	100	107		Gas Shortage		
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	216	219	222	222					
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	60	100	100					
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	38	72	84	84					
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	11	46	50	50					
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0					
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	78	100	100	100					
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	95	98	100	100					
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	38	55	55	55					
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	44	100	100	100					
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	50	102	102	102					
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22					
24	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	57	57	57					
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25					
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33					
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	25	43	43	43					
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	149	149	149					
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	12	18	40	40					
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54					
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	283	293	270	300					
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	110	117	110	115					
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	100	300					
34	Bramhangonj 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	0	100					
35	Aourahat 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	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	55	55	55	55					
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	49	48	50	50					
Dhaka Zone Total				6084	5848	2214	3053	3239	3674	622	862			
39	Kaptai Hydro-Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	90	91	130	135	139		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	140	150	150	150	30		Gas Shortage		
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	26	25	25					
	Teknaf Solartech 20MW	Solar (IPP)				20	0	20	0					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	37	46	24	30					
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0			Gas Shortage		
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0					
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	205	203	225	225					
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	40	50	50					
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	83	8	80					
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22					
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			2	6	15	20					
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	99	105	100	100					
Chattogram Zone Total				1641	1561	890	1073	1019	1138	239	0			
52	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	100	100	100	100					
	b) Ashuganj ST-Unit-4	Gas (APSCL)	1 x 150	150	129	150	150	110	110					
	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	35	3	41	41					
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	0	0	0	150		221	Was Under Maintenance		
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	309	300	360	360					
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	360	360	360					
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	20	52	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	107	68	130	130					
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0					
61	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	10	85	85	85					
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	8	41	0	50					
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	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	8	8	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	0	52					
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	10	21	20	20					
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	100	100	200					
**	Tripura	India		160	160	116	144	117	140					
Cumilla Zone Total				2601	2541	1390	1614	1596	1971	0	221			
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	44	45	45	45	157		Gas Shortage		
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	7	72	73	73					
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	163	184	150	185					
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0					
Mymensingh Zone Total				530	522	238	323	292	325	157	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.10.18 (Yesterday)		23.10.18 (Today)		22.10.18 (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	55	54	60	60						
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	59	59	60	60						
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	46	22	47	47						
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	50	50						
79	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	130	163	163						
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11						
81	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	63	41	66	66						
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	264	264	136	136						
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	86	86	86						
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	44	46	46						
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	100	78	130	130						
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	0	20	20						
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	43	46	46	46						
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10						
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	25	23	25	25						
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	280	341	341						
Sylhet Zone Total				1594	1549	1317	1198	1297	1297	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 (NWPGLCL)	1 x 278+1 x 132	410	410	300	425	410	410						
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	37	0	40						
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	11	78	0	80						
95	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0						
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	0	0	0	0						
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	49	76	115	115						
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	96	0	100						
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40						
	Labon Chora 105 MW	HFO				0	90	50	105			On Test			
**	Bheramara HVDC Interconnector	India		1000	1000	753	748	767	767						
Khulna Zone Total				2228	2214	1153	1590	1382	1687	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	48	110	80	110						
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	19	24	30	30						
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	183	167	188	188						
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	93	99	95	95						
Barishal Zone Total				472	462	343	400	393	453	0	0				
105	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	29.10.18		
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under Maintenance			
106	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	43	0	50						
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	55	0	50						
108	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50						
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	93	93	93						
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	36	0	40						
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	43	43	43	43						
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	43	0	42						
113	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	185	177	210	210						
114	Sirajganj CCPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	185	176	220	220						
115	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	123	0	0	0						
	Sirajganj Unit-4 414 MW(Gas)	Gas				0	0	0	0			On Test			
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22						
117	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	5	5						
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	5	8	8						
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	52	52	52						
Rajshahi Zone Total				1274	1264	626	800	703	885	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	150	150	150	124		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	19	0	17						
Rangpur Zone Total				564	484	150	186	150	184	209	85				
Sub-total: Plants in operation				16988	16445	8321	10237	10071	11614	1298	1268				
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7837	9641	9485	10938						
(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	0	0				
Gross Total				17043	16445	8321	10237	10071	11614	1298	1268				
(C) Actual data of 22.10.18 (Yesterday) Monday :															
01.	Max. Demand (Generation end)	:	10237.00 MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :										
02.	Max. Demand (Sub-station end)	:	9641.00 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)	:	10237.00 MW, at = 19:00 hrs		Dhaka	3835	3835	0	Mymensingh	636	636	0			
04.	Minimum Generation (Generation end)	:	6601.80 MW, at = 7:00 hrs		Chattogram	1041	1041	0	Sylhet	367	367	0			
05.	Day-peak Generation (Generation end)	:	8321.00 MW, at = 12:00 hrs		Khulna	1103	1103	0	Barishal	230	230	0			
06.	Evening-peak Generation (Generation end)	:	10237.00 MW, at = 19:00 hrs		Rajshahi	998	998	0	Rangpur	566	566	0			
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:00 hrs		Cumilla	865	865	0	Total	9641	9641	0			
08.	Generation shortfall at evening peak due to :			12.	Fuel cost :	(a) Gas = 97779368 Taka			(c) Coal = 14150374 Taka			Taka			
	a) Gas limitation	:	950 MW		(b) Oil = 269788691 Taka			Total = 381718433 Taka			Taka				
	b) Low water level in Kaptai lake	:	139 MW												
	c) Plants under shut down/ maintenance	:	1268 MW												
09.	Total Energy (Generation + India Import)	:	193.93 MKWh		13.	Maximum Temperature in Dhaka was : 29.4° C									
	By Gas = 131.269 MKWH	By Oil = 37.790 MKWh			14.	Export through East-West interconnections :									
	By Coal = 3.666 MKWH	By Hydro = 0.951 MKWh			At evening peak-hour : -240 MW, at 19:00 hrs										
	By Solar= 0.171 MKWH				Maximum : -240 MW, at 19:00 hrs										
10.	Total Gas Supplied	:	1127.02 MMCFD		Energy : 0.6090 MKWh										
(D) Forecast of 23.10.18 (Today) Tuesday :															
01.	Maximum Demand	:	10600 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)										
02.	Maximum Generation	:	11614 MW (Generation end)	05.	Total Generation : 200.81 MKWh										
03.	Maximum Shortage	:	-1014 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 31.7° C										

\* Captive Power \*\* Imported Power  
#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZAMAN)  
Deputy Secretary, Generation