



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

Office of the Member, Generation  
Tel : 9564667, 9551085

Month: October, 2018				Day : Saturday				Date : 27.10.18			
Probable Maximum Demand : 10300 MW				Probable Maximum Generation : 11301 MW				Rule Curve = 108.50 ft			
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 102.64 ft				Today = 102.54 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.10.18 (Yesterday)		27.10.18 (Today)		26.10.18 (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/Coal limitation MW	Machines shut down (MW)	
(A) Plants in operation:											
1	a) Ghorasal ST-Unit-1	Gas (PDB)	1 x 55	55	40	30	30	33	33		
	b) Ghorasal ST-Unit-2	Gas (PDB)	1 x 55	55	45	0	0	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	250	252	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	310	250	330	330		
3	Ghorashal (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	0	0	0	0	40	Gas Shortage
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110		
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	352	354	360	360		
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	0	0	0	0	450	Under Maintenance
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
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	100	103	105	105	107	Gas Shortage
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	215	220	217	217		
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100		
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	10	90	90		
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	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	0	7	100	100		
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	20	100	100		
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	55	55		
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	10	100	100		
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	0	16	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	35	57	57	57		
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25		
26	Summit Power, Rupganj	Gas (SIPP, REB)	4x8.73	33	33	33	25	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	16	149	149		
29	Kathpott 52 MW	HFO (IPP)	7x7.90	51	51	6	39	40	40		
30	Kamalaghat Murshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54		
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	12	270	250	293		
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	80	96	78	115		
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	100	300		
34	Bramhangon 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100		
35	Aourahat 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100		
36	Southern Power	HFO (IPP)	3x19.3	55	55	17	55	55	55		
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	55	55	55		
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	7	46	50	50		
Dhaka Zone Total				6084	5848	1568	2087	3158	3638	622	862
39	Kaptai Hydro-Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	92	94	130	135	136	Water Level Low
	a) Chittagong ST-Unit-1	Gas (PDB)	1 x 210	210	180	150	150	150	150	30	Gas Shortage
	b) Chittagong ST-Unit-2	Gas (PDB)	1 x 210	210	180	150	160	160	160	20	Gas Shortage
1	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25		
	Teknaf Solartech 20MW	Solar (IPP)				19.7	0	20	0		
2	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	38	46	46		
3	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage
4	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0		
5	Sikalbaha 225 MW CCPP (Dual Fuel)	GAS (PDB)	1 x 150+1 x 75	225	225	211	216	225	225		
6	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x2+1x1.5	51	51	0	50	50	50		
7	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	20	100	100	100		
	Julda (Acom) Unit-3	HFO IPP				0	0	0	0		On Test
8	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	0	51		
9	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	0	80		
10	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22		
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			19	40	35	35		
11	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	12	105	100	100		
Chattogram Zone Total				1641	1561	695.7	1051	1063	1179	226	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	130	130	115	115		
	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	41	41	41	41		
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	202	206	200	200		
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	334	345	360	360		
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	280	280	0	360		
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	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	45	70	68	68		
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0		
61	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	85	85	85		
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	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	21	21	21		
65	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	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	16	0	52		
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	10	21	22	22		
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200		
**	Tripura	India		160	160	100	128	114	142		
Cumilla Zone Total				2601	2541	1497	1597	1480	1970	0	0
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	44	48	100	100	154	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	0	28	73	73		
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	55	192	150	200		
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.2	0	2	0		
Mymensingh Zone Total				530	522	123.2	290	347	395	154	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.10.18 (Yesterday)		27.10.18 (Today)		26.10.18 (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	54	52	60	60					
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	90	90	90	90					
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	53	50	50					
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44					
79	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	100	163	163					
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11					
81	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	63	64	66	66					
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	124	121	290	290					
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	86	86	86					
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	45	46	46					
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	77	98	78	78					
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	19	0	20					
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	45	45	45	45					
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	310	335	341	341					
Sylhet Zone Total				1594	1549	1170	1200	1405	1425	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	360	350	410	410					
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	0	0	40					
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	0	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	0	65	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	0	40	40	40					
	Labon Chora 105 MW	HFO				0	54	50	105			On Test		
**	Bheramara HVDC Interconnector	India		1000	1000	559	757	756	258					
Khulna Zone Total				2228	2214	919	1266	1371	1178	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	0	64	80	110					
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	12	19	20	20					
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	182	182	185	185					
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	87	95	95	95					
Barishal Zone Total				472	462	281	360	380	440	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	0	0	50					
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	53	0	55					
108	Amnura	HFO (QRPP)	7x7.79	50	50	12	40	50	50					
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	50	93	93					
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	36	0	40					
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	43	43	43					
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	43					
113	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	45	210	210					
114	Sirajganj CCPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	200	201	220	220					
115	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	67	37	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	8	8	8	8					
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	8	52	52					
Rajshahi Zone Total				1274	1264	314	548	703	891	71	100			
120	a) Barapukuria ST-Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.11.18	
	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	149	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	19	0	18					
Rangpur Zone Total				564	484	149	185	150	185	210	85			
Sub-total: Plants in operation				16988	16445	6717	8584	10057	11301	1283	1047			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6313	8068	9452	10622					
(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	6717	8584	10057	11301	1283	1047			
(C) Actual data of 26.10.18 (Yesterday) Friday :														
01.	Max. Demand (Generation end)	:	8584.00 MW, at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	8068.00 MW, at = 19:30 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	:	8584.00 MW, at = 19:30 hrs		Dhaka	2938	2938	0	Mymensingh	601	601	0		
04.	Minimum Generation (Generation end)	:	5959.00 MW, at = 9:00 hrs		Chattogram	920	920	0	Sylhet	375	375	0		
05.	Day-peak Generation (Generation end)	:	6716.90 MW, at = 12:00 hrs		Khulna	926	926	0	Barishal	196	196	0		
06.	Evening-peak Generation (Generation end)	:	8584.00 MW, at = 19:30 hrs		Rajshahi	831	831	0	Rangpur	510	510	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:30 hrs		Cumilla	771	771	0	Total	8068	8068	0		
08.	Generation shortfall at evening peak due to :				12.	Fuel cost :		(a) Gas = 95553589 Taka	(c) Coal = 14148058 Taka					
	a) Gas limitation	:	937 MW			(b) Oil = 98779687 Taka		Total = 208481334 Taka						
	b) Low water level in Kaptai lake	:	136 MW		13.	Maximum Temperature in Dhaka was : 32.2° C								
	c) Plants under shut down/ maintenance	:	1047 MW		14.	Export through East-West interconnections :								
09.	Total Energy (Generation + India Import)	:	166.77 MKWh			At evening peak-hour		: -290 MW, at 19:30 hrs						
	By Gas = 128.391 MKWH	By Oil = 14.713 MKWh				Maximum		: -340 MW, at 21:00 hrs						
	By Coal = 3.665 MKWH	By Hydro = 2.190 MKWh												
	By Solar= 0.151 MKWH													
10.	Total Gas Supplied	:	1085.87 MMCFD			Energy		: 1.2560 MKWh						
(D) Forecast of 27.10.18 (Today) Saturday :														
01.	Maximum Demand	:	10300 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)									
02.	Maximum Generation	:	11301 MW (Generation end)	05.	Total Generation : 200.11 MKWh									
03.	Maximum Shortage	:	-1001 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 31.9° C									

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

(MONIRUZAMAN)  
Deputy Secretary, Generation