



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: October, 2018				Day : Saturday				Date : 20.10.18						
Probable Maximum Demand : 10000 MW				Probable Maximum Generation : 12100 MW										
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 103.22 ft				Today = 103.18 ft				Rule Curve = 107.80 ft		
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.10.18 (Yesterday)		20.10.18 (Today)		19.10.18 (Yesterday)		20.10.18 (Today)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down		Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	(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	0	0	0				On Test	
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	100	190			Gas Shortage	
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	300	380	380					
3	Ghorasah (Regent)	Gas (IPP)	34x3.35	108	108	95	94	50	94					
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	78	50	78					
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	60	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 CCPP	Gas (IPP)	1x235+1x125	360	360	352	358	0	360					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	450	450	0	0					
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					
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	60	160	200	150			Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	160	224	180	217					
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100					
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	24	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	15	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	17	22	22	22					
24	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	51	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	0	43	43	43					
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	16	149	149					
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	18	24	40	40					
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	18	54	54					
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	12	172	270	300					
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	47	113	110	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	Acurahat 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100					
36	Southern Power	HFO (IPP)	3x19.3	55	55	18	17	55	55					
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	18	55	55					
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	8	50	50					
Dhaka Zone Total				6084	5848	1804	2365	2778	3822	645	0			
39	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	88	135	130	135	95			Water Level Low	
40	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	150	150	150	30			Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25					
	Teknaf Solartech 20MW	Solar (IPP)				19.9	0	20	0					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	42	42	42					
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 CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	203	202	202	225					
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	0	50	50	50					
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	20	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	40	0	80					
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			26	36	10	15					
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	12	99	100	100					
Chattogram Zone Total				1641	1561	690.9	1102	1001	1145	195	0			
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	80	100	100					
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	100	100	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	41	41	41	41					
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	180	211	184	225					
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	309	305	360	360					
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	360	360	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	45	45	45					
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0					
61	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	5	85	60	85					
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	40					
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100					
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	16	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	8	33	33	33					
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52					
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	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	94	134	115	148					
Cumilla Zone Total				2601	2541	1371	1548	1710	1949	0	0			
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	80	96	96	96	106			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	73	73	73					
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	35	180	150	180					
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.5	0	2	0					
Mymensingh Zone Total				530	522	138.5	371	343	371	106	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.10.18 (Yesterday)		20.10.18 (Today)		19.10.18 (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	56	60	60					
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60					
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	39	40	40					
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	44	44					
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	8	11	11	11					
81	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	62	63	66	66					
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	295	269	330	330					
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	86	86	86					
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	10	46	46	46					
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	68	99	130	130					
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	0	20					
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	43	47	43	47					
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	0	10					
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	25	24	25	25					
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	115	341	341					
Sylhet Zone Total				1594	1549	852	1124	1445	1479	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	412	350	410	410					
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	37	0	40					
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	25	0	80					
95	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	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	82	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				18	105	50	105			On Test		
**	Bheramara HVDC Interconnector	India		1000	1000	746	755	756	756					
Khulna Zone Total				2228	2214	1176	1394	1596	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	0	80	80	110					
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	18	29	30	30					
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	180	183	188	188					
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	52	97	95	95					
Barishal Zone Total				472	462	250	389	393	453	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	25	0	50					
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	35	0	40					
108	Amnura	HFO (QRPP)	7x7.79	50	50	12	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	23	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	36	0	42					
113	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	181	176	210	210					
114	Sirajganj CCPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	0	0	100	0					
115	Sirajgonj CCPP-3 GT	Gas (NWPGL)	1x141	141	141	127	119	141	141					
	Sirajgonj 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	355	643	724	796	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	149	150	150	150	124		Coal Shortage		
122	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	17					
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	17					
Rangpur Zone Total				564	484	149	150	150	184	209	85			
Sub-total: Plants in operation				16988	16445	6786	9086	10140	12100	1226	185			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6307	8444	9424	11245					
(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	6786	9086	10140	12100	1226	185			
(C) Actual data of 19.10.18 (Yesterday) Friday :														
01.	Max. Demand (Generation end)	:	9086.00 MW, at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	8444.00 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)	:	9086.00 MW, at = 19:30 hrs		Dhaka	3147	3147	0	Mymensingh	639	639	0		
04.	Minimum Generation (Generation end)	:	5993.30 MW, at = 7:00 hrs		Chattogram	834	834	0	Sylhet	330	330	0		
05.	Day-peak Generation (Generation end)	:	6786.40 MW, at = 12:00 hrs		Khulna	1073	1073	0	Barishal	193	193	0		
06.	Evening-peak Generation (Generation end)	:	9086.00 MW, at = 19:30 hrs		Rajshahi	900	900	0	Rangpur	487	487	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:30 hrs		Cumilla	841	841	0	Total	8444	8444	0		
08.	Generation shortfall at evening peak due to :			12.	Fuel cost :	(a) Gas = 94572799 Taka (b) Oil = 122091790 Taka			(c) Coal = 14101738 Taka Total = 230766327 Taka			Taka		
	a) Gas limitation	:	922 MW		13.	Maximum Temperature in Dhaka was : 33.8° C								
	b) Low water level in Kaptai lake	:	95 MW		14.	Export through East-West interconnections :								
	c) Plants under shut down/ maintenance	:	185 MW			At evening peak-hour : -340 MW, at 19:30 hrs								
09.	Total Energy (Generation + India Import)	:	175.99 MKWh			Maximum : -420 MW, at 18:30 hrs								
	By Gas = 131.654 MKWH	By Oil = 17.967 MKWh												
	By Coal = 3.653 MKWH	By Hydro = 2.266 MKWh												
	By Solar= 0.139 MKWH													
10.	Total Gas Supplied	:	1123.75 MMCFD			Energy : 1.1900 MKWh								
(D) Forecast of 20.10.18 (Today) Saturday :														
01.	Maximum Demand	:	10000 MW (Generation end)	04.	Maximum Load-shed	:	0 MW	At evening peak (Sub-station end)						
02.	Maximum Generation	:	12100 MW (Generation end)	05.	Total Generation	:	193.70 MKWh							
03.	Maximum Shortage	:	-2100 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	33.1° C								

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

(MONIRUZAMAN)
Deputy Secretary, Generation