



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: October, 2018					Day : Sunday				Date : 21.10.18				
Probable Maximum Demand : 10700 MW					Probable Maximum Generation : 12173 MW								
Water Level of Kaptai Lake at 06:00 AM					Rule Curve = 109.70 ft.								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.10.18 (Yesterday)		21.10.18 (Today)		20.10.18 (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	0	0	0	0			On Test	
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	110	110	110	80		Gas Shortage	
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	350	365	365				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	94	94	94	94				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	60	75	78	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	110	110	110				
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	0	329	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				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	205	150	210	210	60		Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	220	221	222	222				
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	45	100	100				
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	7	82	84	84				
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	45	20	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	7	100	100	100				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	48	64	100	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55				
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	100	100	100				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	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, Ruggan	Gas (SIPP, REB)	4x8.73	33	33	33	25	33	33				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	8	43	43	43				
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	98	149	149				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	33	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	65	293	270	300				
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	99	96	110	115				
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	44	100	300				
34	Bramhangon 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	11	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	36	55	55	55				
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	48	48	50	50				
Dhaka Zone Total				6084	5848	1733	3046	3391	3826	445	450		
39	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	90	90	130	135	140		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	130	150	150	50		Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25				
	Teknaf Solartech 20MW	Solar (IPP)				19.86	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	25	24	24				
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0				
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	202	203	217	225				
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	27	50	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	36	0	51				
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	64	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			2	22	10	15				
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	12	103	100	100				
Chattogram Zone Total				1641	1561	770.86	1020	998	1127	260	0		
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	90	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	36	10	41	41				
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	182	182	184	225				
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	305	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	85	85	60	85				
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	32	0	40				
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	95	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	5	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	52	52				
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	16	21	20	20				
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200				
**	Tripura	India		160	160	106	148	115	148				
Cumilla Zone Total				2601	2541	1477	1573	1710	1949	0	0		
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	117	103	98	98			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	70	73	73				
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	170	170	150	180				
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.9	0	2	0				
Mymensingh Zone Total				530	522	310.9	365	345	373	99	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.10.18 (Yesterday)		21.10.18 (Today)		20.10.18 (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	54	60	60				
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	44	30	60	60				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	44	47	40	40				
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	100	100	163	163				
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
81	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	59	66	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	273	269	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	86	84	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	46	46	46				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	88	77	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	0	20				
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	42	45	46	46				
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	8	0	10				
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	25	25	25	25				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	310	315	341	341				
Sylhet Zone Total				1594	1549	1255	1246	1448	1478	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	416	360	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	40	0	40				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	52	0	80				
95	Khulna CCPP	HSD (NWPGLCL)	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	16	115	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	80	0	100				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	32	40	40	40				
	Labon Chora 105 MW	HFO				0	78	50	105			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	746	746	763	763				
Khulna Zone Total				2228	2214	1210	1511	1603	1908	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	20	29	30	30				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	182	175	188	188				
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	96	98	95	95				
Barishal Zone Total				472	462	346	412	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	43	0	50				
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	48	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	60	93	93				
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	30	0	40				
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	8	43	43	43				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	35	0	42				
113	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	188	175	210	210				
114	Sirajganj CCPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	140	108	220	220				
115	Sirajgonj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	120	120	0	0				
	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	52	52	52				
Rajshahi Zone Total				1274	1264	503	799	703	875	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	7756	10158	10741	12173	1084	635		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7326	9595	10146	11498				
(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	7756	10158	10741	12173	1084	635		
(C) Actual data of 20.10.18 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	10158.00 MW, at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	9595.00 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)	:	10158.00 MW, at = 19:30 hrs		Dhaka	3679	3679	0	Mymensingh	673	673	0	
04.	Minimum Generation (Generation end)	:	6282.00 MW, at = 6:00 hrs		Chattogram	980	980	0	Sylhet	363	363	0	
05.	Day-peak Generation (Generation end)	:	7755.76 MW, at = 12:00 hrs		Khulna	1201	1201	0	Barishal	239	239	0	
06.	Evening-peak Generation (Generation end)	:	10158.00 MW, at = 19:30 hrs		Rajshahi	1008	1008	0	Rangpur	554	554	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:30 hrs		Cumilla	898	898	0	Total	9595	9595	0	
08.	Generation shortfall at evening peak due to :				12.	Fuel cost :	(a) Gas = 97870784 Taka (b) Oil = 258349834 Taka		(c) Coal = 14112160 Taka Total = 370332778 Taka				
	a) Gas limitation	:	735 MW		13.	Maximum Temperature in Dhaka was : 32.6° C							
	b) Low water level in Kaptai lake	:	140 MW		14.	Export through East-West interconnections :							
	c) Plants under shut down/ maintenance	:	635 MW			At evening peak-hour	:	-360 MW, at 19:30 hrs					
						Maximum	:	-360 MW, at 19:30 hrs					
10.	Total Gas Supplied	:	1188.87 MMCFD			Energy	:	1.3860 MKWh					
(D) Forecast of 21.10.18 (Today) Sunday :													
01.	Maximum Demand	:	10700 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	:	12173 MW (Generation end)	05.	Total Generation : 199.94 MKWh								
03.	Maximum Shortage	:	-1473 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 32.4° C								

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

(MONIRUZAMAN)
Deputy Secretary, Generation