



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: October, 2018				Day : Monday				Date : 29.10.18								
Probable Maximum Demand : 9600 MW				Probable Maximum Generation : 11596 MW												
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 102.44 ft				Today = 102.42 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.10.18 (Yesterday)		29.10.18 (Today)		Rule Curve = 108.70 ft		28.10.18 (Yesterday)		Status of Machines under shut-down/ Maintenance			
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Gas/water/Coal limitation MW		Machines shut down (MW)		Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening								
(A) Plants in operation:																
1	a) Ghorasal ST-Unit -1	Gas (PDB)	1 x 55	55	40	0	0	0	0							
	b) Ghorasal ST-Unit-2	Gas (PDB)	1 x 55	55	45	30	30	30	30							
	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	256	261	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	300	250	300	300							
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	0	0	0	0	40			Gas Shortage			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	14	110	110							
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	341	330	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	130	150	200	200				25.11.18			
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	232	135	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	7	24	90	90							
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	20	11	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	69	100	100							
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	50	100	100							
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55							
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	50	80	100	100							
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	58	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	25	51	57	57							
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	17	25	25	25							
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33							
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	16	30	43	43							
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	48	149	149							
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	13	13	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	200	250	250							
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	55	113	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	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	47	47	50	50							
Dhaka Zone Total				6084	5848	1857	2297	3185	3622	515	862					
39	Kaptai Hydro-Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	42	71	70	70	159			Water Level Low			
40	a) Chattogram ST-Unit -1	Gas (PDB)	1 x 210	210	180	140	140	150	150	40			Gas Shortage			
	b) Chattogram ST-Unit -2	Gas (PDB)	1 x 210	210	180	160	160	160	160	20			Gas Shortage			
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25							
42	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	7	0	20	0							
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	45	46	46							
44	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0				Gas Shortage			
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0							
46	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	216	202	225	225							
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	40	50	50							
48	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	80	90	100	100							
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	42	0	51							
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	84	0	84							
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22							
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			2	7	12	15							
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	13	52	100	105							
Chattogram Zone Total				1661	1581	726	978	980	1103	259	0					
53	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	100	120	120	120							
	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	100							
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	41	41	41	41							
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	200	181	200	220							
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	334	290	360	360							
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	360	360	360							
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5							
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5							
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	8	68	68							
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	51	25	25							
62	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	40	85	85	85							
63	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	46	0	50							
64	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100							
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22							
66	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11							
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	23	33	33							
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	16	0	52							
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	9	21	22	22							
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200							
**	Tripura	India		160	160	88	120	108	142							
Cumilla Zone Total				2601	2541	1498	1605	1765	2121	0	0					
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	70	90	100	100	112			Gas Shortage			
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22							
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	7	73	73							
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	70	154	150	180							
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1	0	2	0							
Mymensingh Zone Total				530	522	163	273	347	375	112	0					

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.10.18 (Yesterday)		29.10.18 (Today)		28.10.18 (Yesterday)		Status of Machines under shut-down/ Maintenance					
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date				
						Day	Evening	Day	Evening								
76	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	58	56	60	60								
77	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	63	70	90	90								
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	38	50	50								
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	50	44	50								
80	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	0	0	0	0		163	Under Maintenance	04.11.18				
81	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11								
82	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	60	58	66	66								
83	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	157	147	150	165								
84	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	40	86	86	86								
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	10	46	46	46								
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	89	79	90	130								
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	20	20								
88	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	11	46	45	45								
89	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	5	9	10	10								
90	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	25	25	25								
91	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	320	280	341	341								
Sylhet Zone Total				1594	1549	869	1020	1134	1195	0	163						
92	Bheramara GT- Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30								
93	Bheramara 360 MW CCPP	Gas (NWPGCL)	1 x 278+1 x 132	410	410	414	350	410	410								
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	31	0	40								
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	60	0	80								
96	Khulna CCPP	HSD (NWPGCL)	1 x 150+1x75	230	230	0	0	0	0								
97	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	26	40	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	32	40	40								
100	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	0	50	105			On Test					
**	Bheramara HVDC Interconnector	India		1000	1000	748	744	757	757								
Khulna Zone Total				2223	2209	1188	1257	1372	1677	0	0						
101	Barsal GT -Unit-1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30								
102	Summit Barsal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	48	80	110								
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	14	20	20	20								
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	156	176	185	175								
105	Bhola Agreko 95 MW	Gas (QRPP)		95	95	95	93	95	95								
Barishal Zone Total				472	462	281	337	380	430	0	0						
106	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	12.11.18				
107	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	0	50								
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	51	0	51								
109	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50								
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	50	93	93								
111	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	34	0	40								
112	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	8	35	43	43								
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	26	0	43								
114	Sirajganj CCPP 1	Gas (NWPGCL)	1x150+1x75	210	210	195	152	210	210								
115	Sirajganj CCPP 2	HSD (NWPGCL)	1x150+1x75	220	220	196	156	220	220								
116	Sirajganj CCPP-3 GT	Gas (NWPGCL)	1x141	141	141	7	7	0	0								
117	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0								
118	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22								
119	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	5	5								
120	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8								
121	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	52	52	52								
Rajshahi Zone Total				1556	1546	499	698	703	887	71	100						
122	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					
123	Barapukuria ST-Unit - 3	Coal (PDB)	1 x 274	274	274	150	150	150	150	124		Coal Shortage					
124	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	17								
125	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	19	0	19								
Rangpur Zone Total				564	484	150	186	150	186	209	85						
Sub-total: Plants in operation				17285	16742	7231	8651	10016	11596	1166	1210						
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6917	8275	9581	11092								
(B) List of Contract Expired Power Plants :																	
126	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				17340	16742	7231	8651	10016	11596	1166	1210						
(C) Actual data of 28.10.18 (Yesterday) Sunday :																	
01.	Max. Demand (Generation end)	:	8651.00	MW, at = 18:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :											
02.	Max. Demand (Sub-station end)	:	8275.00	MW, at = 18:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed				
03.	Highest Generation (Generation end)	:	8651.00	MW, at = 18:00 hrs			MW	MW	MW		MW	MW	MW				
04.	Minimum Generation (Generation end)	:	6306.53	MW, at = 6:00 hrs		Dhaka	3248	3248	0	Mymensingh	519	519	0				
05.	Day-peak Generation (Generation end)	:	7231.00	MW, at = 12:00 hrs		Chattogram	1018	1018	0	Sylhet	303	303	0				
06.	Evening-peak Generation (Generation end)	:	8651.00	MW, at = 18:00 hrs		Khulna	924	924	0	Barishal	189	189	0				
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 18:00 hrs		Rajshahi	850	850	0	Rangpur	538	538	0				
08.	Generation shortfall at evening peak due to :					Cumilla	686	686	0	Total	8275	8275	0				
	a) Gas limitation	:	798	MW		12.	Fuel cost :		(a) Gas = 93737033 Taka	(c) Coal = 14105984 Taka							
	b) Low water level in Kaptai lake	:	159	MW			(b) Oil = 142716577 Taka		Total = 250559594 Taka								
	c) Plants under shut down/ maintenance	:	1210	MW		13.	Maximum Temperature in Dhaka was :										
							26.3° C										
09.	Total Energy (Generation + India Import)	:	171.05	MKWh		14.	Export through East-West interconnections :										
	By Gas = 125.424 MKWH			By Oil = 20.483 MKWh			At evening peak-hour		-100	MW, at 18:00 hrs							
	By Coal = 3.654 MKWH			By Hydro = 1.265 MKWh			Maximum		-340	MW, at 18:30 hrs							
	By Solar= 0.088 MKWH																
10.	Total Gas Supplied	:	1046.86	MMCFD			Energy : 0.8540 MKWh										
(D) Forecast of 29.10.18 (Today) Monday :																	
01.	Maximum Demand	:	9600	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)							
02.	Maximum Generation	:	11596	MW (Generation end)	05.	Total Generation	:	189.82	MKWh								
03.	Maximum Shortage	:	-1996	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	30.0° C									
* Captive Power ** Imported Power																	
#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30																	
(MONIRUZZAMAN) Deputy Secretary, Generation																	