



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: October, 2018				Day : Monday				Date : 15.10.18						
Probable Maximum Demand : 10800 MW				Probable Maximum Generation : 12500 MW				Rule Curve = 107.20 ft.						
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 102.86 ft				Today = 103.12 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	14.10.18 (Yesterday)		15.10.18 (Today)		14.10.18 (Yesterday)		15.10.18 (Today)		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	80	140	100	140			On Test		
	(e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0					
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	330	330	380	380					
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	22	94	94	94					
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	20	35	35	35					
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	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	356	311	360	360					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	400	360	450	450					
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	360	359	412	412					
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage		
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0		217	Under Maintenance	28.10.18	
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100					
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	7	7	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	7	7	100	100					
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	15	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	0	30	100	100					
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	0	7	102	102					
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	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	24	43	43	43					
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	16	149	149					
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	12	6	41	42					
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	18	54	54					
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	15	175	270	270					
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	109	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	36	55	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	8	8	50	50					
Dhaka Zone Total				6084	5848	2051	2424	3790	4236	515	217			
39	Kaptai Hydro-Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	65	68	70	70	162		Water Level Low		
40	a) Chittagong ST-Unit -1	Gas (PDB)	1 x 210	210	180	140	140	140	140	40		Gas Shortage		
	b) Chittagong ST-Unit -2	Gas (PDB)	1 x 210	210	180	130	150	150	150	30		Gas Shortage		
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	26	25	25					
	Teknaf Solartech 20MW	Solar (IPP)				1.9	0	20	0					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	38	40	40					
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	202	205	225	225					
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x1.5	51	51	10	40	40	40					
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	90	100	100	100					
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	46	0	46					
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	41	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	20	10	15					
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	12	99	100	100					
Chattogram Zone Total				1641	1561	680.9	995	942	1053	272	0			
52	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	80	100	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	10	41	41	41					
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	198	192	0	225					
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	312	330	360	360					
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	360	360	360					
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	0	0	0	0					
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	8	8	68	68					
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0					
61	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	5	85	85	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	19	19	19	19					
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	0	25	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	12	15	20	20					
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	0	200					
**	Tripura	India		160	160	110	138	120	138					
Cumilla Zone Total				2601	2541	1327	1529	1474	1957	0	0			
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	154	141	150	150	61		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	72	72	72					
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	17	158	150	160					
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.5	0	2	0					
Mymensingh Zone Total				530	522	194.5	393	396	404	61	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	14.10.18 (Yesterday)		15.10.18 (Today)		14.10.18 (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	56	60	60									
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	30	60	60	60									
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	49	50	50									
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	50	50	50									
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	5	11	11									
81	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	63	65	66	66									
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	313	315	330	330									
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	86	86	86									
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	2	46	46	46									
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	79	127	80	130									
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	20	20									
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	11	0	46	46									
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	9	9	9									
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	9	25	25	25									
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	315	330	341	341									
Sylhet Zone Total				1594	1549	1036	1342	1443	1493	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	380	350	410	410									
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	42	0	42									
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	63	0	80									
95	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	170	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	16	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	8	32	40	40									
	Labon Chora 105 MW	HFO				0	0	50	105			On Test						
**	Bheramara HVDC Interconnector	India		1000	1000	743	744	747	747									
Khulna Zone Total				2228	2214	1251	1417	1587	1894	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	110	80	110									
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	18	26	33	33									
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	185	185	185	185									
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	13	93	95	95									
Barishal Zone Total				472	462	216	414	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	50	0	50									
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	54	0	54									
108	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50									
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	56	100	100									
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	38	0	40									
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	8	50	50	50									
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	42	0	42									
113	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	190	186	210	210									
114	Sirajganj CCPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	0	0	0	0									
115	Sirajganj CCPP-3 GT	Gas (NWPGL)	1x141	141	141	144	150	140	140									
	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	0	5	5									
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11									
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	52	52	52									
Rajshahi Zone Total				1274	1264	394	758	640	826	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	17	0	17									
Rangpur Zone Total				564	484	150	184	150	184	209	85							
Sub-total: Plants in operation				16988	16445	7300	9456	10815	12500	1128	402							
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6884	8917	10199	11787									
(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	7300	9456	10815	12500	1128	402							
(C) Actual data of 14.10.18 (Yesterday) Sunday :																		
01.	Max. Demand (Generation end)	:	9456.00 MW, at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :													
02.	Max. Demand (Sub-station end)	:	8917.00 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)	:	9456.00 MW, at = 19:30 hrs		Dhaka	3423	3423	0	Mymensingh	612	612	0						
04.	Minimum Generation (Generation end)	:	5793.00 MW, at = 6:00 hrs		Chattogram	982	982	0	Sylhet	340	340	0						
05.	Day-peak Generation (Generation end)	:	7300.40 MW, at = 12:00 hrs		Khulna	1073	1073	0	Barishal	211	211	0						
06.	Evening-peak Generation (Generation end)	:	9456.00 MW, at = 19:30 hrs		Rajshahi	922	922	0	Rangpur	545	545	0						
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:30 hrs		Cumilla	809	809	0	Total	8917	8917	0						
08.	Generation shortfall at evening peak due to :				12.	Fuel cost :	(a) Gas = 93005793 Taka	(c) Coal = 14150374 Taka										
	a) Gas limitation	:	757 MW			(b) Oil = 155795223 Taka	Total = 262951390 Taka											
	b) Low water level in Kaptai lake	:	162 MW		13.	Maximum Temperature in Dhaka was : 29.7° C												
	c) Plants under shut down/ maintenance	:	402 MW		14.	Export through East-West interconnections :												
09.	Total Energy (Generation + India Import)	:	174.01 MKWh			At evening peak-hour	:	-220 MW, at 19:30 hrs										
	By Gas = 131.822 MKWH	By Oil = 17.909 MKWh				Maximum	:	-320 MW, at 18:00 hrs										
	By Coal = 3.666 MKWH	By Hydro = 1.629 MKWh																
	By Solar= 0.029 MKWH																	
10.	Total Gas Supplied	:	1093.45 MMCFD			Energy	:	0.8955 MKWh										
(D) Forecast of 15.10.18 (Today) Monday :																		
01.	Maximum Demand	:	10800 MW (Generation end)	04.	Maximum Load-shed	:	0 MW	At evening peak (Sub-station end)										
02.	Maximum Generation	:	12500 MW (Generation end)	05.	Total Generation	:	198.74 MKWh											
03.	Maximum Shortage	:	-1700 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