



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: September, 2018					Day : Friday				Date : 14.09.18			
Probable Maximum Demand : 10500 MW					Probable Maximum Generation : 12883 MW							
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 104.38 ft				Today = 104.38 ft			
					Rule Curve = 101.99 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.09.18 (Yesterday)		14.09.18 (Today)		13.09.18 (Yesterday)		14.09.18 (Today)	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
(A) Plants in operation:												
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	37	37	37	37			
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	37	37	37	37			
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Gas Shortage	
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage	
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	120	120	120	120	70	Gas Shortage	
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	250	170	170			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	22	22	50	90			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	69	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	0	0	0	0	40	Gas Shortage	
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	26	110	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	302	301	300	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	430	400	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	365	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	220	216	216	216			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	100	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	20	100	100	100			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	21	10	45	45			
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	44	85	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	81	81	81			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	40	40	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	82	100	100	100			
22	Gagnagar (Oron)	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	53	56	57	57			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	17	33	33	33			
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	33	20	41	41			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	48	149	149	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	34	40	40	40			
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54			
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	72	268	265	265			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	61	91	73	115			
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
34	Bramhangan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
36	Southern Power	HFO (IPP)	3x19.3	55	55	36	55	55	55			
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	37	56	55	55			
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	71	30	70	70			
Dhaka Zone Total				6084	5848	2394	3380	4101	4557	785	0	
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	105	105	115	115			
40	a) Chittagong ST:Unit-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage	
	b) Chittagong ST:Unit-2	Gas (PDB)	1 x 210	210	180	85	85	130	150			
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	16	16	16			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	23	42	41	41			
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	90	120	120	130			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	190	191	215	215			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	24	42	50	50			
47	Julda (Accorn)	HFO (QRPP)	8x13.45	100	100	80	90	80	90			
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	32	45	50	50			
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	73	74	74			
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	19	19	19			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			5	21	30	35			
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	73	92	93	93			
Chattogram Zone Total				1641	1561	731	941	1033	1078	220	0	
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0			
	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	100	100	100	100			
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	39	42	42	42			
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	182	181	217	217			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	305	301	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+11'16	195	195	68	68	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	49	0	50			
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	153	153	155	155			
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	22	22			
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	33	33	33	33			
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	8	52	52			
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	21	22	22			
69	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	200	200			
**	Tripura	India		160	160	102	168	122	167			
Cumilla Zone Total				2601	2541	1576	1708	1959	2054	0	0	
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	45	45	46	46	157	Gas Shortage	
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22			
72	Jamulpur IPP	HFO (IPP)	12x8.924	95	95	32	89	95	95			
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	124	178	185	185			
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0			
Mymensingh Zone Total				530	522	223	332	350	348	157	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.09.18 (Yesterday)		14.09.18 (Today)		13.09.18 (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	58	60	60				
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	30	30	60	60				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	47	45	45				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	50	50				
79	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	130	163	163				
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
81	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	46	65	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	298	299	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	90	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	46	47	47				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	78	78	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	19	19				
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	43	48	45	48				
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	9	9				
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	12	12	12	12				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	270	250	341	341				
Sylhet Zone Total				1594	1549	1178	1242	1474	1477	0	0		
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	48				
92	Bheramara 360 MW CCPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	350	380	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	42	42	42				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	70	80	80				
95	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	120	245	225	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	51	90	94	100				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	56	115	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	94	95	95				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	32	40	40	40				
**	Bheramara HVDC Interconnector	India		1000	1000	769	769	778	778				
Khulna Zone Total				2228	2214	1378	1845	1879	1933	0	0		
100	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	26	0	26				
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	80	100	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	25	35	33	33				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	110	112	120	120				
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	95	96	95	95				
Barishal Zone Total				472	462	310	369	358	384	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	21.09.18
106	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	50	50				
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	36	0	36				
108	Amnura	HFO (QRPP)	7x7.79	50	50	12	40	12	40				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	102	0	102				
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	40	0	40				
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	32	50	43	43				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	37	38	40	40				
113	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	149	147	210	210				
114	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	167	163	200	200				
115	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	0	0	0	0			On Test	
	Sirajgonj Unit-4 414 MW(Gas)	Gas				303	220	0	0				
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
117	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	10	10				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	53	52	52				
Rajshahi Zone Total				1274	1264	745	982	650	856	71	100		
120	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.09.18
	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	0	0	160	160	274		Coal Shortage	
122	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	13	0	17				
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	18	18	0	19				
Rangpur Zone Total				564	484	18	31	160	196	359	85		
Sub-total: Plants in operation				16988	16445	8553	10830	11964	12883	1592	185		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8099	10255	11329	12199				
(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	8553	10830	11964	12883	1592	185		
(C) Actual data of 13.09.18 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	10830.00	MW, at = 20:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10255.00	MW, at = 20:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	10830.00	MW, at = 20:00 hrs		Dhaka	3851	3851	0	Mymensingh	765	765	0
04.	Minimum Generation (Generation end)	:	6892.10	MW, at = 7:00 hrs		Chattogram	1038	1038	0	Sylhet	439	439	0
05.	Day-peak Generation (Generation end)	:	8553.00	MW, at = 12:00 hrs		Khulna	1333	1333	0	Barishal	263	263	0
06.	Evening-peak Generation (Generation end)	:	10830.00	MW, at = 20:00 hrs		Rajshahi	1074	1074	0	Rangpur	512	512	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 20:00 hrs		Cumilla	980	980	0	Total	10255	10255	0
08.	Generation shortfall at evening peak due to :					12.	Fuel cost :	(a) Gas = 97873236 Taka	(c) Coal = 0 Taka				
	a) Gas limitation	:	1233	MW			(b) Oil = 453731829 Taka	Total = 551605065 Taka					
	b) Low water level in Kaptai lake	:	0	MW									
	c) Plants under shut down/ maintenance	:	185	MW									
09.	Total Energy (Generation + India Import)	:	212.00	MKWh	13.	Maximum Temperature in Dhaka was : 30.7° C							
	By Gas = 138.68 MKWH			By Oil = 49.23 MKWh	14.	Export through East-West interconnections :							
	By Coal = 0.00 MKWH			By Hydro = 2.51 MKWh		At evening peak-hour : -240 MW, at 20:00 hrs							
						Maximum : -280 MW, at 3:00 hrs							
10.	Total Gas Supplied	:	1216.21	MMCFD		Energy : 1.4425 MKWh							
(D) Forecast of 14.09.18 (Today) Friday :													
01.	Maximum Demand	:	10500	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	12883	MW (Generation end)	05.	Total Generation : 205.54 MKWh							
03.	Maximum Shortage	:	-2383	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 32.8° C							

* Captive Power ** Imported Power
#Remarks: Highest Generation 11387MW on 18-07-2018 at 22:00

(MONIRUZZAMAN)
Deputy Secretary, Generation