



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month: September, 2018				Day : Thursday				Date : 13.09.18			
Probable Maximum Demand : 11000 MW				Probable Maximum Generation : 12490 MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 104.31 ft				Today = 104.38 ft			
								Rule Curve = 101.76 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.09.18 (Yesterday)		13.09.18 (Today)		12.09.18 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		
					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	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	190	120	120	120	70	Gas Shortage
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	30	120	120		
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	91	90	50	90		
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	64	68	69	69		
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	110	110	110		
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	347	321	260	300		
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	0	280	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	365	325	412	412		
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	95	60	0	0	150	Gas Shortage
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	206	206	216	216		
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	63	100	100		
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	97	80	100	100		
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	10	45	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	100	95	100	100		
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	60	65	81	81		
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	50	100	100	100		
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	58	102	102	102		
23	Narsingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	0	22	22		
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	46	57	57		
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33		
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33		
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	41	40	41	41		
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	149	149	149	149		
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	40	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	198	218	265	265		
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	58	91	73	115		
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300		
34	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	100	100		
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	100	100	100		
36	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55		
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	56	55	55		
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	60	70	70	70		
Dhaka Zone Total				6084	5848	2695	3324	4011	4438	725	0
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	112	112	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	120	100	100	120		
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	16	16	16	16		
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	18	26	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	100	110	120	130		
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	191	191	215	215		
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	38	50	50		
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	80	68	80	80		
48	Dohazari-Kalash Peaking	HFO (PDB)	6x17.0	102	102	0	47	50	50		
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	78	74	74		
50	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	22	6	10		
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	87	93	93	93		
Chattogram Zone Total				1641	1561	787	920	979	1013	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	42	30	40	40		
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	202	189	217	217		
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	283	250	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	68	75	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	50	0	50		
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	155	152	155	155		
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22		
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	25	33	33	33		
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	25	32	52	52		
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	0	22	22		
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	50	200	200		
**	Tripura	India		160	160	116	150	122	167		
Cumilla Zone Total				2601	2541	1613	1699	1957	2052	0	0
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	44	46	46	46	156	Gas Shortage
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22		
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	90	95	95		
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	173	182	185	185		
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	2	0		
Mymensingh Zone Total				530	522	247.4	338	350	348	156	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.09.18 (Yesterday)		13.09.18 (Today)		12.09.18 (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	59	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	42	47	45	45				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	50	50				
79	Kushlari 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	8	11	11				
81	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	65	67	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	316	300	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	86	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	43	46	47	47				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	78	77	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	19	19				
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	44	43	45	45				
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	7	9	9				
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	12	11	12	12				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	325	310	341	341				
Sylhet Zone Total				1594	1549	1313	1353	1474	1474	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 (NWPGL)	1 x 278+1 x 132	410	410	380	412	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	37	42	42				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	44	80	80				
95	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	238	225	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	27	98	94	100				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	82	83	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	92	95	95				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	32	40	40				
**	Bheramara HVDC Interconnector	India		1000	1000	779	787	778	778				
Khulna Zone Total				2228	2214	1428	1823	1879	1933	0	0		
100	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	20				
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	64	110	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	21	29	33	33				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	75	133	120	120				
104	Bhola Agreko 95 MW	Gas (QRPP)		95	95	93	97	95	95				
Barishal Zone Total				472	462	253	369	358	378	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	0	0	0				
108	Amnura	HFO (QRPP)	7x7.79	50	50	40	40	12	40				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	95	0	102				
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	37	0	38				
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	35	35	43	43				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	33	40	40				
113	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	86	202	210	210				
114	Sirajganj CCPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	172	191	200	200				
115	Sirajganj CCPP-3 GT	Gas (NWPGL)	1x141	141	141	0	0	0	0				
	Sirajganj Unit-4 414 MW(Gas)	Gas				91	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	10	10	10	10				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
119	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	52	43	52	52				
Rajshahi Zone Total				1274	1264	516	769	650	818	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	0	0	274		Coal Shortage	
122	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	15	0	17				
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	15	0	19				
Rangpur Zone Total				564	484	0	30	0	36	359	85		
Sub-total: Plants in operation				16988	16445	8852	10625	11658	12490	1531	185		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						8442	10133	11118	11912				
(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	8852	10625	11658	12490	1531	185		
(C) Actual data of 12.09.18 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	10625.00	MW, at = 19:00 hrs		Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10133.00	MW, at = 19:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	10625.00	MW, at = 19:00 hrs		Dhaka	3981	3981	0	Mymensingh	720	720	0
04.	Minimum Generation (Generation end)	:	7548.10	MW, at = 7:00 hrs		Chattogram	1045	1045	0	Sylhet	397	397	0
05.	Day-peak Generation (Generation end)	:	8852.40	MW, at = 12:00 hrs		Khulna	1280	1280	0	Barishal	241	241	0
06.	Evening-peak Generation (Generation end)	:	10625.00	MW, at = 19:00 hrs		Rajshahi	1036	1036	0	Rangpur	519	519	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Cumilla	914	914	0	Total	10133	10133	0
08.	Generation shortfall at evening peak due to :					12.	Fuel cost : (a) Gas = 101326632 Taka (b) Oil = 471353081 Taka			(c) Coal = 0 Taka	Total = 572679712 Taka		
	a) Gas limitation	:	1172	MW		13.	Maximum Temperature in Dhaka was :	34.1° C					
	b) Low water level in Kaptai lake	:	0	MW		14.	Export through East-West interconnections :						
	c) Plants under shut down/ maintenance	:	185	MW			At evening peak-hour	:	-350	MW, at 19:00 hrs			
09.	Total Energy (Generation + India Import)	:	217.34	MKWh			Maximum	:	-420	MW, at 14:00 hrs			
	By Gas = 138.44 MKWH			By Oil = 54.53 MKWh			Energy	:	2.5250	MKWh			
	By Coal = 0.00 MKWH			By Hydro = 2.64 MKWh									
10.	Total Gas Supplied	:	1153.76	MMCFD									
(D) Forecast of 13.09.18 (Today) Thursday :													
01.	Maximum Demand	:	11000	MW (Generation end)		04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)			
02.	Maximum Generation	:	12490	MW (Generation end)		05.	Total Generation	:	225.01	MKWh			
03.	Maximum Shortage	:	-1490	MW (Generation end)		06.	Probable Max. Temperature in Dhaka :	:	33.5° C				

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

(MONIRUZZAMAN)
Deputy Secretary, Generation