



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: September, 2018		Day : Monday		Date : 17.09.18							
Probable Maximum Demand :		11600 MW		Probable Maximum Generation : 12502 MW							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 104.38 ft		Today = 104.45 ft							
				Rule Curve = 102.68 ft.							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.09.18 (Yesterday)		17.09.18 (Today)		16.09.18 (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	120	120	120	120	70	Gas Shortage
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	310	270	365	365		
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	14	12	12	12		
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	96	96	96		
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	311	332	360	360		
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	430	430	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	370	252	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	200	206	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	80	100	100	100		
16	Paglia (DPA)	HSD (QRPP)	100x0.5	50	50	10	50	50	50		
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	305		
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	83	100	100	100		
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	63	81	81	81		
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	41	50	55	55		
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	87	100	100	100		
22	Gagnagar (Oron)	HFO (IPP)	12x8.924	102	102	50	102	102	102		
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22		
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	49	49	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	38	41	41	41		
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	48	133	133	133		
29	Kathpott 52 MW	HFO (IPP)	7x7.90	51	51	40	40	40	40		
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	36	54	54	54		
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	250	258	275	275		
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	93	92	102	102		
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	203	300	300		
34	Bramhangoan 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	55	55	55		
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	70	70	71	71		
Dhaka Zone Total				6084	5848	3065	3763	4264	4569	785	0
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	107	141	143	143		
40	a) Chittagong ST:Unit-1	Gas (PDB)	1 x 210	210	180	0	40	110	110	140	Gas Shortage
	b) Chittagong ST:Unit-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage
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	41	43	45	45		
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	120	120	120		
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	150	151	151	151		
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x2+1x1.5	51	51	40	40	40	40		
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	80	90	90	90		
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	13	44	45	45		
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	8	80	70	70		
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19		
*	Malanchara, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	8	8	8		
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	85	83	92	92		
Chattogram Zone Total				1641	1561	654	875	949	949	360	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	90	90	90	90		
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	30	39	40	40		
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	162	218	217	217		
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	320	276	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	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	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	49	0	50		
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	154	156	155	155		
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22		
65	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8		
66	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33		
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	16	8	52	52		
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	21	22	22		
69	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	150	130	130		
**	Tripura	India		160	160	132	174	83	165		
Cumilla Zone Total				2601	2541	1605	1867	1835	1967	0	0
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	27	42	44	44	160	Gas Shortage
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20		
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	87	91	91		
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	178	185	190	185		
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	2	0		
Mymensingh Zone Total				530	522	235.3	334	347	340	160	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.09.18 (Yesterday)		17.09.18 (Today)		16.09.18 (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 CAPP-1	Gas (PDB)	2x32+1x33	97	70	58	57	58	58				
76	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	44	47	47	47				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	44	47	47	47				
79	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
81	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	62	54	66	66				
82	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	327	298	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	86	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	45	45	45				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	130	107	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	19	19	19				
87	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	44	47	47	47				
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	9	9				
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	11	12	12	12				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	310	275	341	341				
Sylhet Zone Total				1594	1549	1417	1337	1471	1471	0	0		
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	48				
92	Bheramara 360 MW CAPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	410	411	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	34	42	42				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	75	85	85				
95	Khulna CAPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	120	240	225	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	76	90	100	100				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	33	115	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	94	95	95				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
**	Bheramara HVDC Interconnector	India		1000	1000	777	777	787	787				
Khulna Zone Total				2228	2214	1456	1876	1899	1947	0	0		
100	Barisal GT :Unit- 1, 2	HSD (PDB)	2 x 20	40	30	9	22	0	26				
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	110	110	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	26	38	33	33				
103	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	120	100	120	120				
104	Bhola Agreko 95 MW	Gas (QRPP)		95	95	92	97	95	95				
Barishal Zone Total				472	462	357	367	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	49	0	48				
108	Amnura	HFO (QRPP)	7x7.79	50	50	20	40	40	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	38	0	38				
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	33	0	35				
113	Sirajganj CAPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	201	216	214	214				
114	Sirajganj CAPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	0	0	0	0				
115	Sirajganj CAPP-3 GT	Gas (NWPGLCL)	1x141	141	141	0	0	0	0				
	Sirajganj Unit-4 414 MW(Gas)	Gas				0	0	0	0			On Test	
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	19	22	22	22				
117	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	8	10	10				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
119	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	35	43	50	50				
Rajshahi Zone Total				1274	1264	344	662	447	670	71	100		
120	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.09.18
	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	169	180	170	170	94		Coal Shortage	
122	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	10	0	17				
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	18				
Rangpur Zone Total				564	484	169	208	170	205	179	85		
Sub-total: Plants in operation				16988	16445	9302	11289	11740	12502	1555	185		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8833	10720	11148	11872				
(B) List of Contract Expired Power Plants :													
124	Khulna (Agreko) 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	9302	11289	11740	12502	1555	185		
(C) Actual data of 16.09.18 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	11289.00	MW, at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10720.00	MW, at = 19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	11289.00	MW, at = 19:30 hrs	MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	8123.00	MW, at = 8:00 hrs	Dhaka	4098	4098	0	Mymensingh	780	780	0	
05.	Day-peak Generation (Generation end)	:	9302.30	MW, at = 12:00 hrs	Chattogram	1054	1054	0	Sylhet	474	474	0	
06.	Evening-peak Generation (Generation end)	:	11289.00	MW, at = 19:30 hrs	Khulna	1341	1341	0	Barishal	291	291	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs	Rajshahi	1127	1127	0	Rangpur	555	555	0	
08.	Generation shortfall at evening peak due to :				Cumilla	1000	1000	0	Total	10720	10720	0	
a)	Gas limitation	:	1376	MW	12.	Fuel cost :	(a) Gas = 101298864	Taka	(c) Coal = 16236704	Taka			
b)	Low water level in Kaptai lake	:	0	MW		(b) Oil = 608482659	Taka	Total = 726018227	Taka				
c)	Plants under shut down/ maintenance	:	185	MW	13.	Maximum Temperature in Dhaka was : 35.2° C							
09.	Total Energy (Generation + India Import)	:	235.29	MKWh	14.	Export through East-West interconnections :							
	By Gas = 141.02	MKWh	By Oil = 64.95	MKWh		At evening peak-hour	:	-480	MW, at 19:30 hrs				
	By Coal = 4.21	MKWh	By Hydro = 2.97	MKWh		Maximum	:	-520	MW, at 21:00 hrs				
10.	Total Gas Supplied	:	1182.59	MMCFD		Energy	:	4.0630	MKWh				
(D) Forecast of 17.09.18 (Today) Monday :													
01.	Maximum Demand	:	11600	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	12502	MW (Generation end)	05.	Total Generation : 241.77 MKWh							
03.	Maximum Shortage	:	-902	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 36.1° C							

* Captive Power ** Imported Power

#Remarks: Highest Generation 11387MW on 16-07-2018 at 22:00

(MONIRUZAMAN)
Deputy Secretary, Generation