



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: September, 2018			Day : Sunday				Date : 16.09.18							
Probable Maximum Demand :			11500 MW				Probable Maximum Generation : 12588 MW							
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 104.29 ft				Today = 104.29 ft				Rule Curve = 102.22 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.09.18 (Yesterday)		16.09.18 (Today)		15.09.18 (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)		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	92	365	365	365					
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	22	12	50	50					
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	110	110					
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	346	296	360	360					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	450	390	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	361	371	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	180	208	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	32	98	100	100					
16	Paglia (DPA)	HSD (QRPP)	100x0.5	50	50	0	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	32	100	100	100					
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	48	81	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	30	100	100	100					
22	Gagnagar (Oron)	HFO (IPP)	12x8.924	102	102	24	102	102	102					
23	Narsingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22					
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x0.67+7x8.73	80	80	53	57	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	33	41	42	42					
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	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	54	54	54	54					
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	230	268	270	270					
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	77	77	102	102					
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	124	300	300					
34	Bramhangoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	60	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	63	70	70	70					
Dhaka Zone Total			6084	5848	2627	3832	4306	4611	785	0				
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	144	110	143	143					
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	0	0	0	0					
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	8	8	8					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	43	45	46	46					
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	135	120	120	120					
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	151	151	151	151					
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x11.5	51	51	40	40	40	40					
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	68	72	90	90					
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	42	47	50	50					
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	66	82	82	82					
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	19	19	19					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			7	10	20	20					
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	85	86	92	92					
Chattogram Zone Total			1641	1561	805	790	861	861	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	120	120					
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	90	90	100	100					
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	35	30	42	42					
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	190	189	217	217					
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	253	272	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	41	0	50					
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	154	154	155	155					
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	22	22	22					
65	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	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	0	52	52					
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	21	22	22					
69	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	200	200	200					
**	Tripura	India		160	160	116	174	127	164					
Cumilla Zone Total			2601	2541	1530	1857	1984	2071	0	0				
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	43	44	50	50	158	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	89	95	95					
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	158	179	185	185					
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0					
Mymensingh Zone Total			530	522	231.1	332	354	352	158	0				

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.09.18 (Yesterday)		16.09.18 (Today)		15.09.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual 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	55	60	60	60				
76	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	42	50	50	50				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	47	50	50				
79	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	130	130	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	65	66	66				
82	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	312	301	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	89	89	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	45	46	46				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	114	130	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20				
87	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	43	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	285	315	341	341				
Sylhet Zone Total				1594	1549	1311	1371	1481	1481	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	380	415	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	60	85	85				
95	Khulna CAPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	120	235	225	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	10	91	100	100				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	16	115	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	93	95	95				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	16	40	40	40				
**	Bheramara HVDC Interconnector	India		1000	1000	784	786	793	793				
Khulna Zone Total				2228	2214	1326	1872	1905	1953	0	0		
100	Barisal GT :Unit- 1, 2	HSD (PDB)	2 x 20	40	30	0	12	0	26				
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	48	110	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	26	39	33	33				
103	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	120	114	120	120				
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	90	97	95	95				
Barishal Zone Total				472	462	284	372	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	48	0	48				
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	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	30	0	38				
111	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	34	50	50	50				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	32	0	35				
113	Sirajganj CAPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	195	217	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	21	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	8	52	50	50				
Rajshahi Zone Total				1274	1264	288	664	419	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	170	169	170	170	105		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	18	0	18				
Rangpur Zone Total				564	484	170	202	170	205	190	85		
Sub-total: Plants in operation				16988	16445	8572	11292	11838	12588	1424	185		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8090	10657	11172	11880				
(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	8572	11292	11838	12588	1424	185		
(C) Actual data of 15.09.18 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	11292.00	MW, at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10657.00	MW, at = 19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	11292.00	MW, at = 19:30 hrs	MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	7527.40	MW, at = 8:00 hrs	Dhaka	4087	4087	0	Mymensingh	778	778	0	
05.	Day-peak Generation (Generation end)	:	8572.10	MW, at = 12:00 hrs	Chattogram	982	982	0	Sylhet	476	476	0	
06.	Evening-peak Generation (Generation end)	:	11292.00	MW, at = 19:30 hrs	Khulna	1300	1300	0	Barishal	293	293	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs	Rajshahi	1091	1091	0	Rangpur	638	638	0	
08.	Generation shortfall at evening peak due to :				Cumilla	1012	1012	0	Total	10657	10657	0	
a)	Gas limitation	:	1234	MW	12.	Fuel cost :	(a) Gas = 97446420	Taka	(c) Coal = 15524148	Taka			
b)	Low water level in Kaptai lake	:	0	MW		(b) Oil = 473588887	Taka	Total = 586559456	Taka				
c)	Plants under shut down/ maintenance	:	185	MW	13.	Maximum Temperature in Dhaka was : 33.2° C							
09.	Total Energy (Generation + India Import)	:	219.27	MKWh	14.	Export through East-West interconnections :							
	By Gas = 136.31	MKWh	By Oil = 53.51	MKWh		At evening peak-hour	:	-450	MW, at 19:30 hrs				
	By Coal = 4.02	MKWh	By Hydro = 2.98	MKWh		Maximum	:	-460	MW, at 20:00 hrs				
10.	Total Gas Supplied	:	1157.02	MMCFD		Energy	:	2.7490	MKWh				
(D) Forecast of 16.09.18 (Today) Sunday :													
01.	Maximum Demand	:	11500	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	12588	MW (Generation end)	05.	Total Generation	:	223.31	MKWh				
03.	Maximum Shortage	:	-1088	MW (Generation end)	06.	Probable Max. Temperature in Dhaka	:	35.9° C					

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation