



**Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation
Tel: 9564667, 9551095

Month: September, 2018			Day : Tuesday						Date : 18.09.18		
Probable Maximum Demand : 11800 MW			Probable Maximum Generation : 12759 MW								
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 104.45 ft			Today = 104.40 ft			Rule Curve = 102.91 ft		
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Deraled/ Present Capacity (MW)	17.09.18 (Yesterday)		18.09.18 (Today)		17.09.18 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	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	365	365	365	365		
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	12	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	13	96	105	105		
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	335	332	350	350		
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	309	356	350	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	204	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	96	80	100	100		
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	21	50	50	50		
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	305		
18	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	100	92	100	100		
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	64	81	81	81		
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55		
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	86	100	100	100		
22	Gaganagar (Oron)	HFO (IPP)	12x8.924	102	102	84	102	102	102		
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	19	19		
24	Summit Power (Mathabadi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	48	48	49	49		
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33		
26	Summit Power, Ruggan	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33		
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	41	41	41	41		
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	90	117	115	115		
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 Gazpur-2	HFO (IPP)	18x17.076	300	300	220	200	200	273		
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	92	108	92	92		
33	APR Energy, Keranigonj	HSD (IPP)	256x1.4	300	300	0	215	200	300		
34	Bramhangonj 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	98	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	53	56	55	55		
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	71	70	71	71		
Dhaka Zone Total			6084	5848	3213	3936	3987	4527	785	0	
39	Kaptai Hydro Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	125	142	143	143		
40	a) Chittagong ST-Unit-1	Gas (PDB)	1 x 210	210	180	110	0	130	130	180	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	16	16	16	16		
	Teknaf Solartech 20MW	Solar (IPP)				18	0	0	0		
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	36	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	130	135	135		
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	136	150	151	151		
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.8+1x3+1x1.5	51	51	40	40	40	40		
47	Julda (Aconr)	HFO (QRPP)	8x13.45	100	100	68	90	90	90		
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	15	42	45	45		
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	8	71	70	70		
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19		
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34	108	108	2	9	10	10		
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	83	90	92	92		
Chattogram Zone Total			1641	1561	776	842	986	986	400	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	130	100	100	100		
	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	37	42	40	40		
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	182	207	217	217		
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	300	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	70	68	68	68		
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0		
61	Brahmanbaria (Aggreko)	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	150	150	150	150		
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	0	0	20	52		
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	21	21	21		
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	200	130	200		
**	Tripura	India		160	160	106	164	125	173		
Cumilla Zone Total			2601	2541	1601	1881	1849	2049	0	0	
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	41	43	44	44	159	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	80	80	89	89		
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	180	187	180	185		
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	2	0		
Mymensingh Zone Total			530	522	323.4	330	335	338	159	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.09.18 (Yesterday)		18.09.18 (Today)		17.09.18 (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	57	57	58	58				
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	59	59	60	60				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	44	49	47	47				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	44	47	47	47				
79	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	163	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	62	46	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	303	300	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	82	85	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	43	45	45	45				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	118	130	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	45	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	290	285	341	341				
Sylhet Zone Total				1594	1549	1358	1362	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 CCPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	410	410	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	40	0	42				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	55	0	85				
95	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	120	233	225	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	85	92	100	100				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	97	99	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	94	94	94				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
**	Bheramara HVDC Interconnector	India		1000	1000	777	782	788	788				
Khulna Zone Total				2228	2214	1529	1845	1772	1947	0	0		
100	Barisal GT :Unit- 1, 2	HSD (PDB)	2 x 20	40	30	0	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	25	32	33	33				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	110	100	120	120				
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	55	96	95	95				
Barishal Zone Total				472	462	300	360	358	384	0	0		
105 a)	Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage	
b)	Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0			Under Maintenance	21.09.18
106	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	0	50				
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	52	0	48				
108	Amnura	HFO (QRPP)	7x7.79	50	50	40	40	40	40				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	99	50	102				
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	29	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 CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	182	188	214	214				
114	Sirajganj CCPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	0	150	180	180				
115	Sirajganj CCPP-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	22	22	22	22				
117	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	11	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	43	43	52	52				
Rajshahi Zone Total				1274	1264	356	778	629	852	71	100		
120 a)	Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0			Under Overhauling	30.09.18
b)	Barapukuria ST:Unit- 2	Coal (PDB)	1 x 125	125	85	0	0	0	0			Coal Shortage	
121	Barapukuria ST:Unit - 3	Coal (PDB)	2 x 274	274	274	169	170	170	170			Coal Shortage	
122	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	12	0	17				
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	18				
Rangpur Zone Total				564	484	169	200	170	205	189	85		
Sub-total: Plants in operation				16988	16445	9625	11534	11557	12759	1604	185		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss													
						9077	10877	10899	12032				
(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	9625	11534	11557	12759	1604	185		
(C) Actual data of 17.09.18 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	11534.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10877.00	MW, at = 19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	11534.00	MW, at = 19:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	8655.40	MW, at = 7:00 hrs	Dhaka	4143	4143	0	Mymensingh	794	794	0	
05.	Day-peak Generation (Generation end)	:	9625.40	MW, at = 12:00 hrs	Chattogram	1129	1129	0	Sylhet	482	482	0	
06.	Evening-peak Generation (Generation end)	:	11534.00	MW, at = 19:00 hrs	Khulna	1339	1339	0	Barishal	272	272	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs	Rajshahi	1131	1131	0	Rangpur	554	554	0	
08.	Generation shortfall at evening peak due to :	:			Cumilla	1033	1033	0	Total	10877	10877	0	
a)	Gas limitation	:	1415	MW	12.	Fuel cost :	(a) Gas = 104315506	Taka	(c) Coal = 1599430	Taka			
b)	Low water level in Kaptai lake	:	0	MW		(b) Oil = 622434941	Taka	Total = 728349876	Taka				
c)	Plants under shut down/ maintenance	:	185	MW	13.	Maximum Temperature in Dhaka was : 35.6° C							
09.	Total Energy (Generation + India Import)	:	238.83	MKWh	14.	Export through East-West interconnections :							
	By Gas = 143.12	MKWh	By Oil = 70.01	MKWh		At evening peak-hour	:	-410	MW, at	19:00 hrs			
	By Coal = 0.41	MKWh	By Hydro = 3.24	MKWh		Maximum	:	-600	MW, at	2:00 hrs			
10.	Total Gas Supplied	:	1220.58	MMCFD		Energy	:	4.7305	MKWh				
(D) Forecast of 18.09.18 (Today) Tuesday :													
01.	Maximum Demand	:	11800	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	12759	MW (Generation end)	05.	Total Generation	:	244.33	MKWh				
03.	Maximum Shortage	:	-959	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	36.4° C					

* Captive Power ** Imported Power

#Remarks: Highest Generation 11534MW on 17-09-2018 at 19:00

(MONIRUZZAMAN)
Deputy Secretary, Generation