



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month: September, 2018				Day : Saturday				Date : 15.09.18							
Probable Maximum Demand :				11400 MW				Probable Maximum Generation :				12685 MW			
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 104.38 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)	14.09.18 (Yesterday)		15.09.18 (Today)		14.09.18 (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		
<b>(A) Plants in operation:</b>															
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 CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	250	230	230	230						
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	22	52	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	0	110	110						
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	262	301	350	360						
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	400	450	450	450						
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage				
11	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	300	405	412	412						
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage				
13	Siddhirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	130	215	216	216						
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100						
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	7	100	100						
16	Paglia (DPA)	HSD (QRPP)	100x0.5	50	50	43	10	45	45						
17	Meghnaghat CCGP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	305						
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	7	100	100						
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	15	81	81						
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55						
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	70	100	100						
22	Gagnagar (Oron)	HFO (IPP)	12x8.924	102	102	7	7	102	102						
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	22	22						
24	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	10	47	55	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	25	33	33	33						
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	26	42	42	42						
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	16	149	149						
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	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	45	105	265	265						
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	46	66	73	115						
33	APR Energy, Keranigonj	HSD (IPP)	256x1.4	300	300	0	0	300	300						
34	Bramhangoan 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	17	55	55	55						
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	55	55	55						
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	61	70	70						
<b>Dhaka Zone Total</b>				<b>6084</b>	<b>5848</b>	<b>1948</b>	<b>2647</b>	<b>4141</b>	<b>4500</b>	<b>785</b>	<b>0</b>				
39	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	114	143	140	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	130	80	0	0						
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	8	8	8						
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	25	44	44	44						
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	70	100	150						
45	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	204	152	150	150						
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x11.5	51	51	24	40	40	40						
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	60	90	80	90						
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	15	45	50	50						
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	81	81	81						
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19						
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			27	32	15	15						
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	19	92	92	92						
<b>Chattogram Zone Total</b>				<b>1641</b>	<b>1561</b>	<b>737</b>	<b>896</b>	<b>819</b>	<b>882</b>	<b>220</b>	<b>0</b>				
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	90	120	120	120						
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	90	100	100	100						
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	42	42	42	42						
54	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	182	199	217	217						
55	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	250	283	360	360						
56	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	340	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	8	82	68	68						
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0						
61	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	10	85	85	85						
62	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50						
63	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	153	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	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	18	22	22	22						
69	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	200	200						
**	Tripura	India		160	160	120	156	122	167						
<b>Cumilla Zone Total</b>				<b>2601</b>	<b>2541</b>	<b>1368</b>	<b>1674</b>	<b>1979</b>	<b>2074</b>	<b>0</b>	<b>0</b>				
70	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	70	100	100	100	102	Gas Shortage				
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	20	22	22						
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	88	95	95						
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	60	178	185	185						
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.9	0	2	0						
<b>Mymensingh Zone Total</b>				<b>530</b>	<b>522</b>	<b>138.9</b>	<b>386</b>	<b>404</b>	<b>402</b>	<b>102</b>	<b>0</b>				

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	14.09.18 (Yesterday)		15.09.18 (Today)		14.09.18 (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	30	30				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	46	46	46				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	20	50	50	50				
79	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	130	163	163				
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	5	8	8	8				
81	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	67	65	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	303	304	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	89	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	10	46	46	46				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	118	98	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	19	19				
87	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	21	47	47	47				
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	7	7	7				
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	12	12	12	12				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	310	320	341	341				
<b>Sylhet Zone Total</b>				<b>1594</b>	<b>1549</b>	<b>1102</b>	<b>1307</b>	<b>1441</b>	<b>1441</b>	<b>0</b>	<b>0</b>		
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	360	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	41	42	42				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	85	85	85				
95	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	120	238	225	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	10	93	93	93				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	16	99	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	8	40	40	40				
**	Bheramara HVDC Interconnector	India		1000	1000	782	780	778	778				
<b>Khulna Zone Total</b>				<b>2228</b>	<b>2214</b>	<b>1286</b>	<b>1830</b>	<b>1883</b>	<b>1931</b>	<b>0</b>	<b>0</b>		
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	16	110	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	25	37	33	33				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	115	120	120	120				
104	Bhola Agreko 95 MW	Gas (QRPP)		95	95	41	95	95	95				
<b>Barishal Zone Total</b>				<b>472</b>	<b>462</b>	<b>197</b>	<b>374</b>	<b>358</b>	<b>384</b>	<b>0</b>	<b>0</b>		
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	25	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	37	0	38				
111	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	8	43	50	50				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	35	35	35				
113	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	190	218	210	210				
114	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	130	0	200	200				
115	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	0	0	0	0				
	Sirajganj Unit-4 414 MW(Gas)	Gas				0	300	0	0			On Test	
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22				
117	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	10	10				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
119	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	8	50	50	50				
<b>Rajshahi Zone Total</b>				<b>1274</b>	<b>1264</b>	<b>389</b>	<b>966</b>	<b>650</b>	<b>866</b>	<b>71</b>	<b>100</b>		
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	10	0	17				
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	18				
<b>Rangpur Zone Total</b>				<b>564</b>	<b>484</b>	<b>170</b>	<b>197</b>	<b>170</b>	<b>205</b>	<b>190</b>	<b>85</b>		
<b>Sub-total: Plants in operation</b>				<b>16988</b>	<b>16445</b>	<b>7336</b>	<b>10277</b>	<b>11845</b>	<b>12685</b>	<b>1368</b>	<b>185</b>		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss													
						<b>6804</b>	<b>9532</b>	<b>10986</b>	<b>11765</b>				
<b>(B) List of Contract Expired Power Plants :</b>													
124	Khulna (Agreko) 55MW	HSD (QRPP)	71x0.85	55	0	0	0	0	0			Contract expired	
<b>Sub-total: Plants under long term maintenance</b>				<b>55</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Gross Total</b>				<b>17043</b>	<b>16445</b>	<b>7336</b>	<b>10277</b>	<b>11845</b>	<b>12685</b>	<b>1368</b>	<b>185</b>		
<b>(C) Actual data of 14.09.18 (Yesterday) Friday :</b>													
01.	Max. Demand (Generation end)	:	10277.00	MW, at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	9532.00	MW, at = 19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	10277.00	MW, at = 19:30 hrs	MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	6906.70	MW, at = 9:00 hrs	Dhaka	3388	3388	0	Mymensingh	738	738	0	
05.	Day-peak Generation (Generation end)	:	7335.90	MW, at = 12:00 hrs	Chattogram	994	994	0	Sylhet	419	419	0	
06.	Evening-peak Generation (Generation end)	:	10277.00	MW, at = 19:30 hrs	Khulna	1187	1187	0	Barishal	225	225	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs	Rajshahi	1052	1052	0	Rangpur	617	617	0	
08.	Generation shortfall at evening peak due to :				Cumilla	912	912	0	Total	9532	9532	0	
a)	Gas limitation	:	1178	MW	12.	Fuel cost :	(a) Gas = 99300033 Taka	(c) Coal = 12877346 Taka					
b)	Low water level in Kaptai lake	:	0	MW		(b) Oil = 332090169 Taka	Total = 444267548 Taka						
c)	Plants under shut down/ maintenance	:	185	MW	13.	Maximum Temperature in Dhaka was : 33.9° C							
09.	Total Energy (Generation + India Import)	:	203.46	MKWh	14.	Export through East-West interconnections :							
	By Gas = 139.38	MKWH	By Oil = 36.43	MKWh		At evening peak-hour	:	-200	MW, at 19:30 hrs				
	By Coal = 3.34	MKWH	By Hydro = 2.78	MKWh		Maximum	:	-380	MW, at 19:00 hrs				
10.	Total Gas Supplied	:	1141.91	MMCFD		Energy	:	2.1970	MKWh				
<b>(D) Forecast of 15.09.18 (Today) Saturday :</b>													
01.	Maximum Demand	:	11400	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	12685	MW (Generation end)	05.	Total Generation : 225.69 MKWh							
03.	Maximum Shortage	:	-1285	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 35.3° C							

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

(MONIRUZAMAN)  
Deputy Secretary, Generation