Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: September, 2018 | Day : **Thursday** | Date : **20.09.18**

Probable Maximum Demand : 11800 MW | **Probable Maximum Generation :** 12367 MW

Water Level of Kaptai Lake at 06:00 AM | Yesterday = **104.29** ft | Today = **104.29** ft. | Rule Curve = **103.14** ft.

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.09.18 (Yesterday) Actual Peak Generation (MW)		20.09.18 (Today) Probable Peak Generation (MW)		19.09.18 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
							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	365	365	365	365				
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	0	0	86	86				
4	Ghorasal 78.5MW (Max)	Gas	(QRPP)	2x40	78	78	60	75	78	78				
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	80	105	105	105				
8	Horipur Power CCPP	Gas	(IPP)	1x235+1x125	360	360	345	349	350	350				
9	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	225	225	225	225		225	GT2 Under Maintenance	25.09.18
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	410	386	350	350	26		Gas Shortage	
12	Shiddirganj GT:Unit-1&2	Gas	(EGCB)	2 x 105	210	210	65	101	100	100	109		Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas	(EGCB)	1 x 217	217	217	0	0	0	0		217	Under Maintenance	28.10.18
14	Siddirganj (Desh)	HSD	(QRPP)	96x1.2	100	100	80	100	100	100				
15	Siddirganj (Dutch Bangla)	HFO	(QRPP)	12x8.9	100	100	96	97	100	100				
16	Pagla (DPA)	HSD	(QRPP)	100x0.5	50	50	50	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	100	100	100	100				
19	Madanganj (Summit)	HFO	(QRPP)	6x17	102	100	81	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	90	90	90	90				
22	Gagnagar (Orion)	HFO	(IPP)	12x8.924	102	102	93	102	102	102				
23	Narshingdi (Doreen)	Gas	(SIPP, REB)	8x2.90	22	22	19	19	19	19				
24	Summit Power,(Madhabdi+Ashulia)	Gas	(SIPP, REB)	6x3.67+7x8.73	80	80	49	49	50	50				
25	Summit Power, Maona	Gas	(SIPP, REB)	4x8.73	33	33	33	33	33	33				
26	Summit Power, Rupganj	Gas	(SIPP, REB)	4x8.73	33	33	33	33	33	33				
27	Gazipur (RPCL)	HFO	(RPCL)	6x8.90	52	52	41	42	41	41				
28	Kodda 150MW Power Plant	HFO	(BPDB-RPCL)	9x17.06	149	149	133	133	132	132				
29	Kathpotti 52 MW	HFO	(IPP)	7x7.90	51	51	19	35	35	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	145	200	200	240				
32	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	109	108	110	110				
33	APR Energy , Keranigonj	HSD	(IPP)	256x1.4	300	300	32	308	300	300				
34	Bramhangoan 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	20	96	96	96				
35	Aourahati 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	50	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	69	68	68	68				
	Dhaka Zone Total				**6084**	**5848**	**3305**	**3863**	**3912**	**4262**	**710**	**442**		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	141	149	149	149				
40	a) Chittagong ST:Unit -1	Gas	(PDB)	1 x 210	210	180	100	100	100	100	80		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)				13	0	0	0				
42	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	42	38	50	50				
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	90	80	0	0				
45	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD	(PDB)	1 x 150+1 x 75	225	225	204	210	225	225				
46	Sikalbaha (Energis)	HFO	(RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	40	40	40				
47	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	90	90	90	90				
48	Dohazari-Kalaish Peaking	HFO	(PDB)	6x17.0	102	102	15	44	44	44				
49	Hathazari Peaking	HFO	(PDB)	11x8.9	98	98	8	82	80	80				
50	Barabkunda (Regent)	Gas	(SIPP, PDB)	8x2.90	22	22	19	19	19	19				
*	Malancha, Ctg.EPZ (United)	Gas		5x8.73+3x9.34			2	8	10	10				
51	Chittagong (ECPV)	HFO	(IPP)	16x7.00	108	108	79	91	93	93				
	Chattogram Zone Total				**1641**	**1561**	**859**	**967**	**916**	**916**	**300**	**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	130	130	130				
	c) Ashuganj ST:Unit-5	Gas	(APSCL)	1 x 150	150	134	110	100	100	100				
53	Ashuganj Engines	Gas	(APSCL)	14x3.968	53	45	39	42	42	42				
54	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	184	184	225	225				
55	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	300	301	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 (Aggreko)	Gas	(QRPP)	86x1.10	85	85	85	85	85	85				
62	Titas (Daudkandi) Peaking	HFO	(PDB)	6x8.92	52	52	0	48	0	50				
63	Chandpur CCPP	Gas	(PDB)	1X106+1x57	163	163	40	154	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	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	8	8	52	52				
68	Summit Power, Comilla	Gas	(SIPP, REB)	3x3.67+2x6.97	25	25	21	21	22	22				
69	Daudkandi 200 MW	HSD	(IPP)	9x1.4+40x1.515+15x1.09	200	200	50	200	200	200				
**	Tripura		India		160	160	146	158	127	176				
	Cumilla Zone Total				**2601**	**2541**	**1614**	**1932**	**1999**	**2098**	**0**	**0**		
70	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	99	78	88	88	124		Gas Shortage	
71	Tangail (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	22	22	22	22				
72	Jamalpur IPP	HFO	(IPP)	12x8.924	95	95	79	87	90	90				
73	Mymensingh 200MW (United)	HFO	(IPP)	21x9.780	200	200	142	185	185	185				
74	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	1	0	2	0				
	Mymensing Zone Total				**530**	**522**	**343**	**372**	**387**	**385**	**124**	**0**		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.09.18 (Yesterday) Actual Peak Generation (MW)		20.09.18 (Today) Probable Peak Generation (MW)		19.09.18 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
							Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
75	Fenchuganj CCPP-1	Gas	(PDB)	2x32+1x33	97	70	59	56	59	59				
76	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	60	60	60	60				
77	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	44	44	44	44				
78	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	50	47	47	47				
79	Kushiara 163 MW CCPP	Gas	(IPP)	1x109+1x54	163	163	40	109	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	60	58	66	66				
82	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	306	307	330	330				
83	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	84	86	86	86				
84	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	44	45	45	45				
85	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	90	80	130	130				
86	Sylhet 20MW GT	Gas	(PDB)	1 x 20	20	20	19	18	20	20				
87	Sylhet (Enegyprima)	Gas	(RPP)	27x2.0	50	50	41	46	44	44				
88	Sylhet (Desh)	Gas	(RPP)	6x1.95	10	10	9	9	9	9				
89	Shahjahanulla 25MW	Gas	(CIPP, REB)	3x9.34	25	25	16	24	24	24				
90	Summit Bibiana- 2	Gas	(IPP)	1x222+1x119	341	341	285	310	341	341				
	Sylhet Zone Total				1594	1549	1218	1310	1479	1479	0	0		
91	Bheramara GT: Unit-1,2,3	HSD	(PDB)	3 x 20	60	46	0	48	0	48				
92	Bheramara 360 MW CCPP	Gas	(NWPGCL)	1 x 278+1 x 132	410	410	385	390	210	210				
93	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	41	0	42				
94	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	0	43	0	85				
95	Khulna CCPP	HSD	(NWPGCL)	1 x 150+1x75	230	230	150	240	225	225				
96	Khulna (KPCL-I)	HFO	(IPP)	19x6.5	110	110	77	94	100	100				
97	Khulna (KPCL-II)	HFO	(QRPP)	7x17	115	115	87	110	115	115				
98	Bangla Trac (Noapara)	HSD	(IPP)	70x1.4+7x1.515	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	772	769	781	781				
	Khulna Zone Total				2228	2214	1511	1869	1565	1740	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	98	110	110	110				
102	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	24	38	33	33				
103	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	0	66	127	127				
104	Bhola Agreeko 95 MW	Gas	(QRPP)		95	95	93	95	95	95				
	Barishal Zone Total				472	462	215	331	365	391	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	29.09.18
106	Baghabari Peaking	HFO	(PDB)	6x8.9	52	52	0	0	0	50				
107	Bera Peaking	HFO	(PDB)	9x8.29	71	71	0	43	0	48				
108	Amnura	HFO	(QRPP)	7x7.79	50	50	50	50	50	50				
109	Chapainawabganj-100 MW	HFO	(PDB)	12x8.924	104	104	0	102	50	102				
110	Katakhali Peaking	HFO	(PDB)	6x8.7	50	50	0	32	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	32	0	35				
113	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	177	214	210	210				
114	Sirajganj CCPP 2	HSD	(NWPGCL)	1x150 + 1x75	220	220	141	165	220	220				
115	Sirajgonj CCPP-3 GT	Gas	(NWPGCL)	1x141	141	141	0	0	0	0				
	Sirajgonj 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	9	9	10	10				
118	Ullapara (Summit)	Gas	(SIPP, REB)	4x2.90	11	11	8	11	11	11				
119	Rajlanka 52 MW	HFO	(IPP)	6x8.92	52	52	52	52	52	52				
	Rajshahi Zone Total				1274	1264	509	782	675	898	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	214	170	170	170	104		Coal Shortage	
122	Rangpur GT	HSD	(PDB)	1 x 20	20	20	0	10	0	10				
123	Syedpur GT	HSD	(PDB)	1 x 20	20	20	0	17	0	18				
	Rangpur Zone Total				564	484	214	197	170	198	189	85		
	Sub-total: Plants in operation				16988	16445	9788	11623	11468	12367	1394	627		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							9225	10954	10808	11655				
(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	9788	11623	11468	12367	1394	627		

(C)	Actual data of 19.09.18 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	11623.00	MW, at =	19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10954.00	MW, at =	19:30 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	11623.00	MW, at =	19:30 hrs								
04.	Minimum Generation (Generation end)	:	8905.20	MW, at =	8:00 hrs	Dhaka	4221	4221	0	Mymensingh	781	781	0
05.	Day-peak Generation (Generation end)	:	9788.00	MW, at =	12:00 hrs	Chattogram	1093	1093	0	Sylhet	492	492	0
06.	Evening-peak Generation (Generation end)	:	11623.00	MW, at =	19:30 hrs	Khulna	1302	1302	0	Barishal	255	255	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:30 hrs	Rajshahi	1184	1184	0	Rangpur	659	659	0
08.	Generation shortfall at evening peak due to :					Cumilla	967	967	0	Total	10954	10954	0
	a) Gas limitation	:	1205	MW		12.	Fuel cost :	(a) Gas =	99026007	Taka	(c) Coal =	17094396	Taka
	b) Low water level in Kaptai lake	:	0	MW				(b) Oil =	786364741	Taka	Total =	902485143	Taka
	c) Plants under shut down/ maintenance	:	627	MW		13.	Maximum Temperature in Dhaka was :		36.5° C				
09.	Total Energy (Generation + India Import)	:	246.47	MKWh		14.	Export through East-West interconnections :						
	By Gas = 135.37 MKWH		By Oil = 81.27 MKWh				At evening peak-hour	:	-480	MW, at	19:30 hrs		
	By Coal = 4.43 MKWH		By Hydro = 3.29 MKWh				Maximum	:	-480	MW, at	19:30 hrs		
10.	Total Gas Supplied	:	1128.83	MMCFD			Energy	:	3.7985	MKWh			

(D)	Forecast of 20.09.18 (Today) Thursday :								
01.	Maximum Demand	:	11800	MW	(Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)
02.	Maximum Generation	:	12367	MW	(Generation end)	05.	Total Generation	:	250.22 MKWh
03.	Maximum Shortage	:	-567	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :		35.2° C

* Captive Power ** Imported Power

#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZZAMAN)
Deputy Secretary, Generation