



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: September, 2018		Day : Monday		Date : 10.09.18									
Probable Maximum Demand :		11600 MW		Probable Maximum Generation : 12692 MW									
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 104.30 ft		Today = 104.30 ft									
				Rule Curve = 101.07 ft.									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.09.18 (Yesterday)		10.09.18 (Today)		09.09.18 (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	110	110	110	110	60	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	100	100	100	100	90	Gas Shortage		
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0		365	Under Maintenance	12.09.18
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	89	87	90	90				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	68	70	70	70				
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	110	110	110				
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	302	310	350	350	50		Gas Shortage	
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	400	400	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	362	352	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	211	180	180	180				
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	100	100	100				
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	85	100	100	100				
16	Paglia (DPA)	HSD (QRPP)	100x0.5	50	50	10	45	45	45				
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	75	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	25	40	55	55				
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	50	100	100	100				
22	Gagnagar (Oron)	HFO (IPP)	12x8.924	102	102	48	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)	6x0.67+7x8.73	80	80	51	56	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	31	25	33	33				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	41	40	43	43				
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	98	149	149	149				
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 Gazipur-2	HFO (IPP)	18x17.076	300	300	180	218	200	265				
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	80	106	124	124				
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	173	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	81	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	78	78	78				
Dhaka Zone Total				6084	5848	2900	3697	4072	4442	745	365		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	145	151	152	152				
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	150	150	180		Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	16	16	16	16				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	46	45	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	60	135	100	135				
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	205	231	225	225				
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x11.5	51	51	50	50	50	50				
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	80	80	80	80				
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	46	50	50				
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	82	82	82				
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	31	14	30				
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	93	93	93	93				
Chattogram Zone Total				1641	1561	717	979	1076	1127	400	0		
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	80	80	80				
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	0	0	0	0				
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	80	100	100	100				
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	30	40	40				
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	183	205	217	217				
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	272	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	15	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	51	51	51	51				
61	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	85	85	85				
62	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	40	0	40				
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	152	153	153	153				
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	3	11	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	16	25	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	200	200	200				
**	Tripura	India		160	160	100	174	122	164				
Cumilla Zone Total				2601	2541	1570	1980	1986	2068	0	0		
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	30	40	46	46	162		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	88	88				
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	168	185	180	180				
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0				
Mymensingh Zone Total				530	522	228.1	334	338	336	162	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.09.18 (Yesterday)		10.09.18 (Today)		09.09.18 (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	58	58	58	58					
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	0	60	60	60					
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	39	46	45	45					
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	50	50					
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	51	54	66	66					
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	300	300	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	47	47	47					
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	80	98	130	130					
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	18	18	18					
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	12	12	22	22					
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	285	341	341					
Sylhet Zone Total						1594	1549	1241	1344	1483	1483	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 (NWPGL)	1 x 278+1 x 132	410	410	350	417	410	410					
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	28	40	40					
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	70	36	70					
95	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	236	225	225					
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	10	98	100	100					
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	66	85	99	115					
98	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	0	0				Contract expired	
99	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	94	94	94					
100	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40					
**	Bheramara HVDC Interconnector	India		500	500	496	485	790	790					
Khulna Zone Total						1783	1769	1082	1553	1834	1932	0	0	
101	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	20	0	20					
102	Summit Barisal 110 MW	HFO (IPP)	7 x 17.075	110	110	110	110	110	110					
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	23	38	30	38					
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	120	120	120	120					
105	Bhola Agreko 95 MW	Gas (QRPP)		95	95	96	96	95	95					
Barishal Zone Total						472	462	349	384	355	383	0	0	
106	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71			Gas Shortage	
107	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100			Under Maintenance 21.09.18	
108	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	50	50					
109	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	48	48	48					
110	Amnura	HFO (QRPP)	7x7.79	50	50	40	40	40	40					
111	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	81	100	100	100					
112	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	38	38	38					
113	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50					
114	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	25	35	35					
115	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	215	215	210	210					
116	Sirajganj CCPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	220	220	220	220					
	Sirajganj Unit-3 225MW	Gas (NWPGL)				0	0	0	0				On Test	
	Sirajganj Unit-4 414 MW(Gas)	Gas				290	0	0	0					
117	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22					
118	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	10	10	10					
119	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	8	11					
120	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	25	8	52	52					
Rajshahi Zone Total						1133	1123	956	837	883	886	71	100	
121	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0				Under Overhauling 15.09.18	
122	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85			Coal Shortage	
123	Barapukuria ST:Unit - 3	Coal (PDB)	2 x 274	274	274	0	0	0	0	274			Coal Shortage	
124	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	11	0	17					
125	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	10	0	18					
Rangpur Zone Total						564	484	0	21	0	35	359	85	
Sub-total: Plants in operation						16402	15859	9043	11129	12027	12692	1737	550	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8480	10436	11278	11902					
Gross Total						16402	15859	9043	11129	12027	12692	1737	550	
(B) Actual data of 09.09.18 (Yesterday) Sunday :														
01.	Max. Demand (Generation end)	:	11129.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	10436.00	MW, at = 21:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	:	11129.00	MW, at = 21:00 hrs		Dhaka	3998	3998	0	Mymensingh	794	794	0	
04.	Minimum Generation (Generation end)	:	8196.50	MW, at = 8:00 hrs		Chattogram	931	931	0	Sylhet	465	465	0	
05.	Day-peak Generation (Generation end)	:	9043.10	MW, at = 12:00 hrs		Khulna	1357	1357	0	Barishal	260	260	0	
06.	Evening-peak Generation (Generation end)	:	11129.00	MW, at = 21:00 hrs		Rajshahi	1047	1047	0	Rangpur	527	527	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Cumilla	1057	1057	0	Total	10436	10436	0	
08.	Generation shortfall at evening peak due to :					12.	Fuel cost : (a) Gas = 103553895 Taka (c) Coal = 0 Taka (b) Oil = 587911615 Taka Total = 691465511 Taka							
	a) Gas limitation	:	1378	MW		13.	Maximum Temperature in Dhaka was : 34.6° C							
	b) Low water level in Kaptai lake	:	0	MW		14.	Export through East-West interconnections :							
	c) Plants under shut down/ maintenance	:	550	MW			At evening peak-hour	:	-670	MW, at	21:00 hrs			
09.	Total Energy (Generation + India Import)	:	229.35	MKWh			Maximum	:	-730	MW, at	6:00 hrs			
	By Gas = 146.65 MKWh			By Oil = 64.54 MKWh			Energy	:	5.3335	MKWh				
	By Coal = 0.00 MKWh			By Hydro = 3.23 MKWh										
10.	Total Gas Supplied	:	1217.47	MMCFD										
(C) Forecast of 10.09.18 (Today) Monday :														
01.	Maximum Demand	:	11600	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)					
02.	Maximum Generation	:	12692	MW (Generation end)	05.	Total Generation	:	239.05	MKWh					
03.	Maximum Shortage	:	-1092	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.5° C						

* Captive Power ** Imported Power

#Remarks: Highest Generation 11387MW on 18-07-2018 at 22:00

(MONIRUZZAMAN)

Deputy Secretary, Generation