



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: September, 2018			Day : Saturday		Date : 08.09.18								
Probable Maximum Demand :			11400	MW		Probable Maximum Generation :	12185	MW					
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 104.40		ft		Today = 104.38		ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.09.18 (Yesterday)		08.09.18 (Today)		07.09.18 (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	95	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	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	22	90	90	90				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	74	75	75				
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	20	20	0	0	20		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	315	321	350	350	39		Gas Shortage	
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	430	430	450	450				
10	Shiddiganj 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	376	388	412	412				
12	Shiddiganj 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	150	216	215	215				
14	Siddiganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	53	100	100				
15	Siddiganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	100	100	100				
16	Paglia (DPA)	HSD (QRPP)	100x0.5	50	50	44	21	44	44				
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	305	305				
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	100	100	100				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	64	84	84				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55				
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	100	100	100				
22	Gagnagar (Oron)	HFO (IPP)	12x8.924	102	102	7	102	102	102				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	0	19				
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	35	51	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	32	41	42	42				
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	48	145	149	149				
29	Kathpott 52 MW	HFO (IPP)	7x7.90	51	51	6	41	40	40				
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54				
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	27	207	240	240				
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	76	103	100	115				
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300				
34	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	60	10	100	100				
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	11	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	0	55	55	55				
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	24	24	80				
Dhaka Zone Total				6084	5848	2149	3410	4358	4448	714	365		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	164	136	150	180				
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	180		Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	16	16	16				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	48	50	50				
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage	
44	Shikalbaha Peaking GT	HSD (PDB)	1 x 150	150	150	50	80	135	135				
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	229	206	225	225				
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x11.5	51	51	16	40	44	50				
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	20	90	80	80				
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	48	48	48				
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	72	50	72				
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19				
*	Malanchara, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			23	32	10	10				
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	25	93	94	94				
Chattogram Zone Total				1641	1561	560	880	921	979	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	80	80	80				
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	15	15	43	43				
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	195	198	217	217				
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	334	316	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	12	51	51	51				
61	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	10	85	85	85				
62	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	33	0	41				
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	153	153	153	153				
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22				
65	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	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	0	8	52	52				
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	16	21	22	22				
69	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	10	200	200				
**	Tripura	India		160	160	92	144	122	166				
Cumilla Zone Total				2601	2541	1488	1695	1969	2054	0	0		
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	44	46	83	85	156		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	88	95	95				
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	100	182	170	180				
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0				
Mymensingh Zone Total				530	522	174	336	372	382	156	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.09.18 (Yesterday)		08.09.18 (Today)		07.09.18 (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	60	60					
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	31	31	31	31					
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	47	44	44					
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	100	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	59	67	66	66					
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	316	313	330	330					
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	86	86	86					
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	10	47	47	47					
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	80	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	42	46	46	46					
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	9	9					
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	8	22	22					
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	280	341	341					
Sylhet Zone Total						1594	1549	1098	1365	1455	1455	0	0	
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	42					
92	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	300	413	410	410					
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	34	39	41	42					
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	17	72	36	85					
95	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	120	225	225					
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	10	88	95	95					
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	16	115	115	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	96	96					
100	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	40	40	40					
**	Bheramara HVDC Interconnector	India		500	500	488	484	492	492					
Khulna Zone Total						1783	1769	1009	1465	1550	1642	0	0	
101	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	24	0	26					
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	22	38	33	33					
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	0	0	60	60					
105	Bhola Agreko 95 MW	Gas (QRPP)		95	95	0	97	95	95					
Barishal Zone Total						472	462	132	269	298	324	0	0	
106 a)	Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage		
106 b)	Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under Maintenance	21.09.18	
107	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	50	50					
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	31	44	44					
109	Ammura	HFO (QRPP)	7x7.79	50	50	40	40	40	40					
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	90	90	90					
111	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	31	40	40					
112	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50					
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	32	30	30					
114	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	218	214	210	210					
115	Sirajganj CCPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	220	200	220	220					
	Sirajganj Unit-3 225MW	Gas (NWPGL)				0	0	0	0			On Test		
	Sirajganj Unit-4 414 MW(Gas)	Gas				225	0	0	0					
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	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	11	0	8	8					
119	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	43	52	52	52					
Rajshahi Zone Total						1133	1123	839	822	866	866	71	100	
120 a)	Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.09.18	
120 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	0	0	0	0	274		Coal Shortage		
122	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	14	0	17					
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	10	0	18					
Rangpur Zone Total						564	484	0	24	0	35	359	85	
Sub-total: Plants in operation						16402	15859	7449	10266	11789	12185	1700	550	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7120	9812	11268	11646					
Gross Total						16402	15859	7449	10266	11789	12185	1700	550	
(B) Actual data of 07.09.18 (Yesterday) Friday :														
01.	Max. Demand (Generation end)	:	10266.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	9812.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	10266.00	MW, at = 21:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	7059.80	MW, at = 8:00 hrs		Dhaka	3503	3503	0	Mymensingh	759	759	0	
05.	Day-peak Generation (Generation end)	:	7449.00	MW, at = 12:00 hrs		Chattogram	1028	1028	0	Sylhet	456	456	0	
06.	Evening-peak Generation (Generation end)	:	10266.00	MW, at = 21:00 hrs		Khulna	1226	1226	0	Barishal	255	255	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Rajshahi	1045	1045	0	Rangpur	551	551	0	
08.	Generation shortfall at evening peak due to :					Cumilla	989	989	0	Total	9812	9812	0	
a)	Gas limitation	:	1341	MW	12.	Fuel cost :	(a) Gas = 99655529	Taka	(c) Coal = 0	Taka				
b)	Low water level in Kaptai lake	:	0	MW		(b) Oil = 412000471	Taka	Total = 511656000	Taka					
c)	Plants under shut down/ maintenance	:	550	MW	13.	Maximum Temperature in Dhaka was :	32.9° C							
09.	Total Energy (Generation + India Import)	:	204.31	MKWh	14.	Export through East-West interconnections :								
	By Gas = 140.96	MKWh	By Oil = 45.30	MKWh		At evening peak-hour	-690	MW, at 21:00 hrs						
	By Coal = 0.00	MKWh	By Hydro = 3.58	MKWh		Maximum	-710	MW, at 20:00 hrs						
10.	Total Gas Supplied	:	1126.99	MMCFD		Energy	5.5530	MKWh						
(C) Forecast of 08.09.18 (Today) Saturday :														
01.	Maximum Demand	:	11400	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)					
02.	Maximum Generation	:	12185	MW (Generation end)	05.	Total Generation	:	226.87	MKWh					
03.	Maximum Shortage	:	-785	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.7° C						

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)

Deputy Secretary, Generation