



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: September, 2018					Day : Wednesday					Date : 05.09.18				
Probable Maximum Demand : 11400 MW					Probable Maximum Generation : 11893 MW									
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 104.66 ft					Today = 104.33 ft				
					Rule Curve = 99.92 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.09.18 (Yesterday)		05.09.18 (Today)		04.09.18 (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)				
(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	60	60	70	70	130		Gas Shortage		
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	120	120	120	120					
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	74	77	83	83					
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	60	60	60					
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	26	110	110	110					
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	191	161	152	200	199		Gas Shortage		
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	430	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	387	350	355	355					
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	210	215	217	217					
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	34	100	100	100					
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	85	100	100	100					
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	44	45	44	44					
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	80	97	100	100					
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55					
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	76	100	100	100					
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	102	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	25	57	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	0	33	33	33					
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	34	41	41	41					
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	65	149	149	149					
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	36	40	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	110	170	280	280					
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	113	115	95	118					
33	APR Energy , Keraniganj	HSD (IPP)	256x1.4	300	300	0	177	300	300					
34	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	100	100					
35	Aourahat 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	61	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	79	76	76	76					
Dhaka Zone Total				6084	5848	2940	3621	3989	4365	934	0			
39	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	200	200	172	172					
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	16	16	16	16					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	44	50	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	70	138	135	135					
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	228	230	225	225					
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	40	40	40					
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	80	80	80	80					
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	15	50	48	48					
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	8	64	64	64					
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	27	14	27					
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	53	93	93	93					
Chattogram Zone Total				1641	1561	767	1007	956	969	400	0			
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	90	80	80	120					
	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	90	80	90	90					
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	10	10	20	20					
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	177	220	217	217					
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	331	253	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	66	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	40	85	85	85					
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	34	0	41					
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100					
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	11	11	11	11					
66	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	25	25					
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	22	21	22	22					
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	180	200	200					
**	Tripura	India		160	160	132	150	122	166					
Cumilla Zone Total				2601	2541	1537	1768	1895	2020	0	0			
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	42	43	43	43	159		Gas Shortage		
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22					
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	89	40	95	95					
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	150	177	178	178					
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1	0	2	0					
Mymensingh Zone Total				530	522	302	282	340	338	159	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.09.18 (Yesterday)		05.09.18 (Today)		04.09.18 (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	59	57	60	60				
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	0	0	0					
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	44	44	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	130	100	100				
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	63	55	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	321	302	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	86	86	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	43	47	47	47				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	105	130	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0				
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	44	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	23	23	23	23				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	300	341	341				
Sylhet Zone Total				1594	1549	1245	1290	1343	1343	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	412	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	29	0	29				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	85	0	85				
95	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	158	158				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	61	91	91	91				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	115	98	83	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+7x1.5+15	100	100	0	96	96	96				
100	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	40	40	40				
**	Bheramara HVDC Interconnector	India		500	500	490	490	490	490				
Khulna Zone Total				1783	1769	1084	1341	1368	1562	0	0		
101	Barisal GT -Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	24				
102	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	82	110	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	23	36	33	33				
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	147	146	146	146				
105	Bhola Aggreko 95 MW	Gas (QRPP)		95	95	93	98	95	95				
Barishal Zone Total				472	462	345	390	384	408	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	38	38	38				
109	Amnura	HFO (QRPP)	7x7.79	50	50	40	40	40	40				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	24	90	90	90				
111	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	46	47	47				
112	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	35	43	43	43				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	30	30	30				
114	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	216	214	210	210				
115	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	220	220	220	220				
	Sirajgonj Unit-3 225MW	Gas (NWPGLCL)				0	0	0	0			On Test	
	Sirajgonj Unit-4 414 MW(Gas)	Gas				141	297	0	0				
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	10	10	10				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	50	52	42	42				
Rajshahi Zone Total				1133	1123	765	1160	853	853	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
121	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	17	0	17				
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	16	0	18				
Rangpur Zone Total				564	484	0	33	0	35	359	85		
Sub-total: Plants in operation				16402	15859	8985	10892	11128	11893	1923	185		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8571	10390	10615	11345				
Gross Total				16402	15859	8985	10892	11128	11893	1923	185		
(B) Actual data of 04.09.18 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	10892.00	MW, at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10390.00	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)	:	10892.00	MW, at = 19:30 hrs		Dhaka	3925	3925	0	Mymensingh	710	710	0
04.	Minimum Generation (Generation end)	:	7865.00	MW, at = 7:00 hrs		Chattogram	1036	1036	0	Sylhet	477	477	0
05.	Day-peak Generation (Generation end)	:	8985.00	MW, at = 12:00 hrs		Khulna	1289	1289	0	Barishal	280	280	0
06.	Evening-peak Generation (Generation end)	:	10892.00	MW, at = 19:30 hrs		Rajshahi	1120	1120	0	Rangpur	540	540	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs		Cumilla	1013	1013	0	Total	10390	10390	0
08.	Generation shortfall at evening peak due to :	:				12.	Fuel cost : (a) Gas = 101773340 Taka (c) Coal = 0 Taka (b) Oil = 520524823 Taka Total = 622298163 Taka						
	a) Gas limitation	:	1564	MW		13.	Maximum Temperature in Dhaka was : 34.8° C						
	b) Low water level in Kaptai lake	:	0	MW		14.	Export through East-West interconnections :						
	c) Plants under shut down/ maintenance	:	185	MW			At evening peak-hour : -830 MW, at 19:30 hrs						
09.	Total Energy (Generation + India Import)	:	224.85	MKWh			Maximum : -830 MW, at 19:30 hrs						
	By Gas = 145.62 MKWH			By Oil = 59.40 MKWh			Energy : 8.8840 MKWh						
	By Coal = 0.00 MKWH			By Hydro = 4.67 MKWh									
10.	Total Gas Supplied	:	1184.27	MMCFD									
(C) Forecast of 05.09.18 (Today) Wednesday :													
01.	Maximum Demand	:	11400	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	11893	MW (Generation end)	05.	Total Generation : 235.34 MKWh							
03.	Maximum Shortage	:	-493	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