



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month: September, 2018				Day : Monday				Date : 03.09.18				
Probable Maximum Demand : 11300 MW				Probable Maximum Generation : 12341 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 104.97 ft				Today = 104.66 ft				
								Rule Curve = 98.67 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.09.18 (Yesterday)		03.09.18 (Today)		02.09.18 (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	120	120	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	50	65	100	100	125	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	67	75	86	86			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	60	35	70	72			
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	13	55	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	125	202	250	250			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	370	400	430	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	355	365	400	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	110	218	217	217			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	50	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	40	91	100	100			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	41	50	50			
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	305	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	75	100	92	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	43	97	81	81			
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	71	87	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	48	102	102	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	19	22	22			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	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	25	17	33	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	28	39	43	43			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	20	149	149	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	37	40	40	40			
30	Kamalaghat Murshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54			
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	223	205	265	265			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	123	123	130	150			
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	0	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	55	55	55	55			
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	35	55	55	55			
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	80	80	80	80			
Dhaka Zone Total				6084	5848	2542	3289	4478	4540	730	0	
39	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	207	199	204	204			
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	14	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	80	135	135	135			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	230	231	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	50	51	51			
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	68	88	80	80			
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	49	0	50			
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	7	55	75	75			
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	17	19	19	19			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	39	10	10			
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	79	93	93	93			
Chattogram Zone Total				1641	1561	760	1024	958	1008	400	0	
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	100	90	100	100			
	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	100	100	134	134			
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	40	20	20			
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	178	175	225	225			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	301	279	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	10	5	5	5			
59	Ashuganj Modular 195 MW	Gas (IPP)	20'9.73+1'16	195	195	78	68	78	78			
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	38	40	51	51			
61	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	85	85	85			
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	41	0	41			
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	40	107	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	33	33			
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	14	8	52	52			
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	22	20	20			
69	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	30	200	200			
**	Tripura	India		160	160	106	140	121	165			
Cumilla Zone Total				2601	2541	1531	1653	1982	2067	0	0	
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	28	30	45	50	172	Gas Shortage	
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	0	22	22			
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	38	89	95	95			
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	161	171	175	175			
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	2	0			
Mymensingh Zone Total				530	522	247	290	339	342	172	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.09.18 (Yesterday)		03.09.18 (Today)		02.09.18 (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 CAPP-1	Gas (PDB)	2x32+1x33	97	70	58	58	60	60				
76	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	44	52	51	51				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	47	47				
79	Kushiera 163 MW CAPP	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	65	66	66	66				
82	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	308	312	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	89	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	47	45	45				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	108	130	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	0	18	19				
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	45	45	48	49				
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	9	9				
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	22	23	23	23				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	270	305	300	341				
Sylhet Zone Total				1594	1549	1237	1360	1387	1430	0	0		
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	48				
92	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	410	418	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	42	0	41				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	84	0	85				
95	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	88	90	93	93				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	49	96	99	99				
98	Khulna (Agreko) 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	96	95	95				
100	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	16	16	16	16				
**	Bheramara HVDC Interconnector	India		500	500	495	490	495	501				
Khulna Zone Total				1783	1769	1058	1332	1208	1613	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	48	110	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	22	37	33	33				
104	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	145	145	146	146				
105	Bhola Agreko 95 MW	Gas (QRPP)		95	95	97	95	95	95				
Barishal Zone Total				472	462	312	387	384	408	0	0		
106	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
107	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	50	50				
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	43	40	42				
109	Amnura	HFO (QRPP)	7x7.79	50	50	40	40	40	40				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	90	100	100				
111	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	44	47	47				
112	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	35	43	50	50				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	34	35	35				
114	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	190	215	220	220				
115	Sirajganj CAPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	220	220	220	220				
	Sirajganj Unit-3 225MW	Gas (NWPGL)				0	0	0	0			On Test	
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22				
117	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	10	10	10				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	43	43	42	51				
Rajshahi Zone Total				1133	1123	565	865	887	898	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
	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	15	0	16				
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	10	0	19				
Rangpur Zone Total				564	484	0	25	0	35	359	85		
Sub-total: Plants in operation				16402	15859	8252	10225	11623	12341	1732	185		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7775	9634	10951	11628				
Gross Total				16402	15859	8252	10225	11623	12341	1732	185		
(B) Actual data of 02.09.18 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	10225.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	9634.00	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)	:	10225.00	MW, at = 21:00 hrs		Dhaka	3541	3541	0	Mymensingh	651	651	0
04.	Minimum Generation (Generation end)	:	7563.60	MW, at = 8:00 hrs		Chattogram	1012	1012	0	Sylhet	430	430	0
05.	Day-peak Generation (Generation end)	:	8252.00	MW, at = 12:00 hrs		Khulna	1288	1288	0	Barishal	290	290	0
06.	Evening-peak Generation (Generation end)	:	10225.00	MW, at = 21:00 hrs		Rajshahi	1001	1001	0	Rangpur	535	535	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Cumilla	886	886	0	Total	9634	9634	0
08.	Generation shortfall at evening peak due to :												
	a) Gas limitation	:	1373	MW	12.	Fuel cost :	(a) Gas = 99024029 Taka		(c) Coal = 0 Taka				
	b) Low water level in Kaptai lake	:	0	MW			(b) Oil = 416930290 Taka		Total = 515954319 Taka				
	c) Plants under shut down/ maintenance	:	185	MW	13.	Maximum Temperature in Dhaka was : 32.3° C							
09.	Total Energy (Generation + India Import)				:	210.12	MKWh		14.	Export through East-West interconnections :			
	By Gas = 139.69	MKWH	By Oil = 51.13	MKWh		At evening peak-hour : -720 MW, at 21:00 hrs							
	By Coal = 0.00	MKWH	By Hydro = 4.68	MKWh		Maximum : -840 MW, at 5:00 hrs							
10.	Total Gas Supplied				:	1170.76	MMCFD			Energy : 9.6640 MKWh			
(C) Forecast of 03.09.18 (Today) Monday :													
01.	Maximum Demand	:	11300	MW (Generation end)	04.	Maximum Load-shed : 0 MW		At evening peak (Sub-station end)					
02.	Maximum Generation	:	12341	MW (Generation end)	05.	Total Generation : 232.22 MKWh							
03.	Maximum Shortage	:	-1041	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 34.3° C							

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation