



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month: September, 2018				Day : Sunday				Date : 02.09.18				
Probable Maximum Demand :				11100 MW				Probable Maximum Generation : 12190 MW				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 104.97 ft				Today = 104.97 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)	01.09.18 (Yesterday)		02.09.18 (Today)		01.09.18 (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	75	75	100	100	115		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	84	87	84	84			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	70	72	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	0	110	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	127	232	191	232			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	430	380	380	380			
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	370	325	363	370			
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	150	218	217	217			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	100	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	30	90	100	100			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	30	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	62	92	92	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	25	81	81	81			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	50	55	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	60	100	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	16	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)	6x3.67+7x8.73	80	80	49	57	55	55			
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	33	33	43	43			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	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	18	54	54	54			
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	228	256	300	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	138	143	150	150			
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	153	300	300			
34	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	51	100	100			
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	51	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	0	33	80	80			
Dhaka Zone Total				6084	5848	2573	3671	4383	4441	720	0	
39	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	196	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	0	16	16	16			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	45	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	135	135	100	135			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	231	230	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	50	40	51			
47	Julda (Accorn)	HFO (QRPP)	8x13.45	100	100	80	68	80	80			
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	48	50	50			
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	8	73	75	75			
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	19	19	19			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	29	25	35			
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	80	93	93	93			
Chattogram Zone Total				1641	1561	833	1010	977	1033	400	0	
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	80	100	100			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	90	90	0	0			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	134	134			
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	10	20	43	43			
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	189	166	225	225			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	334	305	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+11'16	195	195	68	68	78	78			
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	40	38	40	45			
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	30	40	30	40			
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	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	0	0	52	52			
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	22	20	20			
69	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	200	200	200			
**	Tripura	India		160	160	116	138	121	165			
Cumilla Zone Total				2601	2541	1402	1721	1924	2024	0	0	
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	49	43	29	50	159		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	32	88	95	95			
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	158	171	175	175			
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.5	0	2	0			
Mymensingh Zone Total				530	522	263.5	324	323	342	159	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.09.18 (Yesterday)		02.09.18 (Today)		01.09.18 (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
75	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	58	58	60	60				
76	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	60	0	0	0				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	44	47	42	47				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	47	47				
79	Kushiera 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	61	61	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	307	303	300	300				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	86	86	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	43	47	45	45				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	116	78	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	18	19				
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	45	49	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	23	23	23	23				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	315	295	300	341				
Sylhet Zone Total				1594	1549	1407	1299	1348	1396	0	0		
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	16	0	48				
92	Bheramara 360 MW CCPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	410	416	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	41	0	41				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	1	80	0	85				
95	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	49	90	93	93				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	99	99	99	99				
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	96	95	95				
100	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	16	16	16	16				
**	Bheramara HVDC Interconnector	India		500	500	498	490	427	501				
Khulna Zone Total				1783	1769	1073	1344	1140	1613	0	0		
101	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	27	0	24				
102	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	65	110	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	22	37	33	33				
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	101	86	146	146				
105	Bhola Aggreko 95 MW	Gas (QRPP)		95	95	96	96	95	95				
Barishal Zone Total				472	462	284	356	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	36	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	85	100	100				
111	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	43	47	47				
112	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	43	50	50	50				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	37	36	35	35				
114	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	214	216	220	220				
115	Sirajganj CCPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	220	220	220	220				
	Sirajganj Unit-3 225MW	Gas (NWPGLCL)				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	10	10	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	42	42	42	51				
Rajshahi Zone Total				1133	1123	636	861	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	16	0	19				
Rangpur Zone Total				564	484	0	31	0	35	359	85		
Sub-total: Plants in operation				16402	15859	8472	10617	11366	12190	1709	185		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7949	9962	10665	11438				

Gross Total	16402	15859	8472	10617	11366	12190	1709	185		
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(B) Actual data of 01.09.18 (Yesterday) Saturday :		
01.	Max. Demand (Generation end)	: 10617.00 MW, at = 21:00 hrs
02.	Max. Demand (Sub-station end)	: 9962.00 MW, at = 21:00 hrs
03.	Highest Generation (Generation end)	: 10617.00 MW, at = 21:00 hrs
04.	Minimum Generation (Generation end)	: 7559.70 MW, at = 8:00 hrs
05.	Day-peak Generation (Generation end)	: 8471.50 MW, at = 12:00 hrs
06.	Evening-peak Generation (Generation end)	: 10617.00 MW, at = 21:00 hrs
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 21:00 hrs
08.	Generation shortfall at evening peak due to :	
	a) Gas limitation	: 1350 MW
	b) Low water level in Kaptai lake	: 0 MW
	c) Plants under shut down/ maintenance	: 185 MW
09.	Total Energy (Generation + India Import)	: 217.34 MKWh
	By Gas = 144.32 MKWH	By Oil = 53.50 MKWh
	By Coal = 0.00 MKWH	By Hydro = 4.67 MKWh
10.	Total Gas Supplied	: 1206.20 MMCFD

Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
Dhaka	3571	3571	0	Mymensingh	719	719	0
Chattogram	1038	1038	0	Sylhet	438	438	0
Khulna	1345	1345	0	Barishal	249	249	0
Rajshahi	1103	1103	0	Rangpur	546	546	0
Cumilla	953	953	0	Total	9962	9962	0
12.	Fuel cost :		(a) Gas = 102827905 Taka	(c) Coal = 0	Taka		
			(b) Oil = 476541963 Taka	Total = 579369868	Taka		
13.	Maximum Temperature in Dhaka was :			33.8° C			
14.	Export through East-West interconnections :						
	At evening peak-hour			-860 MW, at		21:00 hrs	
	Maximum			-880 MW, at		19:30 hrs	
	Energy			: 9.7740 MKWh			

(C) Forecast of 02.09.18 (Today) Sunday :									
01.	Maximum Demand	: 11100 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)				
02.	Maximum Generation	: 12190 MW (Generation end)	05.	Total Generation	: 227.23 MKWh				
03.	Maximum Shortage	: -1090 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	33.8° C				

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation