



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: September, 2018				Day : Wednesday				Date : 12.09.18				
Probable Maximum Demand :				11300 MW				Probable Maximum Generation : 12362 MW				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 104.18 ft				Today = 104.31 ft				
				Rule Curve = 101.53 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.09.18 (Yesterday)		12.09.18 (Today)		11.09.18 (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
(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	0	0	0	170	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	170	170	170	20	Gas Shortage	
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0		365	Under Maintenance 18.09.18
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	90	90	90	90			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	66	69	69	69			
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	306	354	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	410	0	0	300			
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	369	420	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	208	216	216	216			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	100	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	85	100	100			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	10	10	45	45			
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	13	100	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	65	81	81			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	35	55	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	50	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	0	22	22	22			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	51	57	57	57			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33			
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	17	33	33	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	33	41	41	41			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	48	149	149	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	34	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	200	265	280	280			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	75	94	73	120			
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	132	300	300			
34	Bramhangan 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	10	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	36	55	55	55			
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	61	69	70	70			
Dhaka Zone Total				6084	5848	2559	3239	3646	4298	735	365	
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	112	115	115	115			
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	80	130	130	130			
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	8	16	16			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	38	39	41	41			
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	50	120	120	120			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	158	191	190	190			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	40	50	50			
47	Julda (Accorn)	HFO (QRPP)	8x13.45	100	100	68	80	80	80			
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	47	50	50			
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	74	74	74			
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			7	30	6	30			
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	85	93	93	93			
Chattogram Zone Total				1641	1561	681	986	984	1008	220	0	
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	90	90	90	90			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	100	100	100	100			
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	20	20	40	40			
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	200	202	217	217			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	294	279	360	360			
56	Ashuganj CCPP(North)	Gas (APSCL)	1x360	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	0	0	0	0			
61	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	85	85	85			
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	50	0	50			
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	154	155	155	155			
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	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	18	22	22	22			
69	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	20	200	200			
**	Tripura	India		160	160	118	164	122	169			
Cumilla Zone Total				2601	2541	1580	1699	1947	2044	0	0	
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	65	31	46	46	171	Gas Shortage	
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22			
72	Jamulpur IPP	HFO (IPP)	12x8.924	95	95	8	89	95	95			
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	168	180	185	185			
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.6	0	2	0			
Mymensingh Zone Total				530	522	261.6	320	350	348	171	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.09.18 (Yesterday)		12.09.18 (Today)		11.09.18 (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	56	58	60	60												
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60												
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	44	47	45	45												
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	50	50												
79	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	100	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	64	67	66	66												
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	318	316	330	330												
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	84	86	86												
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	47	47	47												
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	128	107	130	130												
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	19	19	19												
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	45	45	45	45												
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	12	12												
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	315	310	341	341												
Sylhet Zone Total				1594	1549	1419	1342	1474	1474	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	412	416	410	410												
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	42	42	42												
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	65	80	80												
95	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	120	246	225	225												
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	10	94	94	94												
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	16	83	115	115												
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	94	95	95												
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	40	40	40												
**	Bheramara HVDC Interconnector	India		1000	1000	781	783	789	789												
Khulna Zone Total				2228	2214	1363	1863	1890	1938	0	0										
100	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	20												
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	80	110	110	110												
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	15	35	33	33												
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	120	120	120	120												
104	Bhola Agreko 95 MW	Gas (QRPP)		95	95	94	97	95	95												
Barishal Zone Total				472	462	309	362	358	378	0	0										
105	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								
106	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	50	50												
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	0												
108	Amnura	HFO (QRPP)	7x7.79	50	50	40	40	40	40												
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	102	102	102												
110	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	38	38	38												
111	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	43	43	43	43												
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	40	40	40												
113	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	217	190	210	210												
114	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	220	187	220	220												
115	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	0	0	0	0			On Test									
	Sirajgonj Unit-4 414 MW(Gas)	Gas				0	0	0	0												
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	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	11	11	11	11												
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	43	52	52	52												
Rajshahi Zone Total				1274	1264	602	785	838	838	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	17	0	17												
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	19												
Rangpur Zone Total				564	484	0	34	0	36	359	85										
Sub-total: Plants in operation				16988	16445	8775	10630	11487	12362	1556	550										
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8401	10178	10999	11836												
(B) List of Contract Expired Power Plants :																					
124	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	0	0	0	0	0			Contract expired									
Sub-total: Plants under long term maintenance				55	0	0	0	0	0	0	0										
Gross Total				17043	16445	8775	10630	11487	12362	1556	550										
(C) Actual data of 11.09.18 (Yesterday) Tuesday :																					
01.	Max. Demand (Generation end)	:	10630.00	MW,	at =	21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :													
02.	Max. Demand (Sub-station end)	:	10178.00	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)	:	10630.00	MW,	at =	21:00 hrs	Dhaka	3853	3853	0	Mymensingh	761	761	0							
04.	Minimum Generation (Generation end)	:	7832.10	MW,	at =	8:00 hrs	Chattogram	996	996	0	Sylhet	417	417	0							
05.	Day-peak Generation (Generation end)	:	8774.60	MW,	at =	12:00 hrs	Khulna	1293	1293	0	Barishal	270	270	0							
06.	Evening-peak Generation (Generation end)	:	10630.00	MW,	at =	21:00 hrs	Rajshahi	1080	1080	0	Rangpur	535	535	0							
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	21:00 hrs	Cumilla	973	973	0	Total	10178	10178	0							
08.	Generation shortfall at evening peak due to :						12.	Fuel cost :	(a) Gas = 106341695 Taka	(c) Coal = 0 Taka											
	a) Gas limitation	:	1197	MW				(b) Oil = 425700263 Taka	Total = 532041958 Taka												
	b) Low water level in Kaptai lake	:	0	MW			13.	Maximum Temperature in Dhaka was : 34° C													
	c) Plants under shut down/ maintenance	:	550	MW			14.	Export through East-West interconnections :													
09.	Total Energy (Generation + India Import)	:	219.45	MKWh				At evening peak-hour	:	-260	MW,	at	21:00 hrs								
	By Gas = 145.91			MKWh	By Oil = 49.05			Maximum	:	-490	MW,	at	5:00 hrs								
	By Coal = 0.00			MKWh	By Hydro = 2.63			Energy	:	3.3065	MKWh										
10.	Total Gas Supplied	:	1194.07	MMCFD																	
(D) Forecast of 12.09.18 (Today) Wednesday :																					
01.	Maximum Demand	:	11300	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)										
02.	Maximum Generation	:	12362	MW	(Generation end)	05.	Total Generation	:	233.28	MKWh											
03.	Maximum Shortage	:	-1062	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	33.7° C												

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation