



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month : September, 2017				Day : Sunday				Date : 17.09.17				
Probable Maximum Demand : 9900 MW				Probable Maximum Generation : 9901 MW				Rule Curve = 102.68 ft				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 108.58 ft		Today = 108.73 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated Present Capacity (MW)	16.09.17 (Yesterday)		17.09.17 (Today)		16.09.17 (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 limitation MW	Machines shut down (MW)		
(A) Plants in operation:												
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	35	35	35	35			
	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	0	0	0	0	170		Gas Shortage
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	120	170	170	170			
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under Overhauling
	Ghorasal CAPP:Unit-7	Gas (PDB)				0	0	0	0			25.09.17
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128X0.85	100	100	100	103	100	100			On Test
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	44	44	45	45			
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	78	80	83	90			
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	43	47	47			
6	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0			
7	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	0	0	40		Gas Shortage
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	69	69	96	96			
9	Horipur Power CAPP	Gas (IPP)	1x235+1x125	360	360	344	348	360	360	12		Gas Shortage
10	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	0	0	275	275		450	Was Under Maintenance
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	110	115	115	115			
12	Horipur 412MW CAPP	Gas (EGCB)	1x273+1x139	412	412	405	405	412	412			
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	91	95	99	100	115		Gas Shortage
	Siddirganj CAPP-335 MW GT	Gas (EGCB)				0	0	0	0			On Test
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	100	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	89	90	90	90			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	50	51	50	50			
17	Meghnaghat CAPP (Summit)	HSD (IPP)	2x110+1x110	305	305	140	145	150	150			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	84	85	84	93			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	80	97	90	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55			
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	100	100	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	16	30	90	92			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x6.73	80	80	15	50	58	58			
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	0	42	42			
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	149	149	149	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	41	40	42	42			
30	Southern Power	HFO (IPP)	3x19.3	55	55	36	36	36	36			
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	55	55	55			
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	88	90	90	90			COD 22.02.2017
Dhaka Zone Total			4644	4408	2552	2805	3243	3272	337	640		
33	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	159	154	172	172			
34	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
35	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	26	25	25			
36	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	40	45	45	45			
37	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage
38	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150		Gas Shortage
	Sikalbaha 225 MW GT	Gas (PDB)				74	233	121	233			On Test
39	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	42	37	42	42			
40	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	56	56	68	75			
41	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	78	17	78			
42	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	34	77	0	77			
43	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	20	21	21			
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			3	21	29	30			
44	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	83	96	98	98			
Chittagong Zone Total			1416	1336	528	843	638	896	550	0		
45	a) Ashuganj ST: Unit-2	Gas (APSCS)	1 x 64	64	53	50	50	50	50			
	b) Ashuganj ST:Unit-3	Gas (APSCS)	1 x 150	150	135	0	0	0	0	135		Under Overhauling
	c) Ashuganj ST:Unit-4	Gas (APSCS)	1 x 150	150	129	110	110	110	110			18.09.17
	d) Ashuganj ST:Unit-5	Gas (APSCS)	1 x 150	150	134	110	110	110	110			
46	Ashuganj Engines	Gas (APSCS)	14x3.968	53	45	43	43	40	43			
47	Ashuganj CAPP 225 MW	Gas (APSCS)	1x142+1*75	221	221	202	183	221	221			
48	Ashuganj CAPP(South)	Gas (APSCS)	1x360	360	360	250	340	360	360			
49	Ashuganj CAPP(North)	Gas (APSCS)	1x361	360	360	260	250	220	360			
50	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	30	49	55	55			
51	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5			
52	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	16	16	16	16			
53	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	5	5	5			
54	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	60	61	10	75			
55	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	40	0	40			
56	Chandpur CAPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0	163		Under Maintenance
57	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22			
58	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
59	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	32	33	33	33			
60	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	25	16	42	43			
61	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	15	22	22			
**	Tripura	India		160	160	126	154	117	160			
Comilla Zone Total			2465	2394	1369	1513	1449	1741	0	298		
62	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	118	124	120	124	78		Gas Shortage
63	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22			
64	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	80	95	95	95			COD on 29.11.16
65	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	0	0			COD on 03.08.17
Mymensingh Zone Total			330	322	218	241	237	241	78	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.09.17 (Yesterday)		17.09.17 (Today)		16.09.17 (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 limitation MW	Machines shut down (MW)			
66	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	58	60	70	70					
67	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60					
68	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	44	50	47	47					
69	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	49	49	50					
70	Kushara 163 MW Fenchuganj	Gas (IPP)	1x109	109	109	109	109	109	109			COD on 25.07.17		
71	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	5	8	8					
72	Shajibazar GT-Unit-8.9	Gas (PDB)	2x35	70	66	62	65	66	66					
73	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	328	332	330	330					
74	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	86	86	86					
75	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	50	50	50					
76	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	118	97	135	135	45		Gas Shortage		
77	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	17	18	18	18					
78	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	7	7	7	7					
79	Shahajnulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	21	24	24					
80	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	287	265	341	341					
Sylhet Zone Total				1490	1445	1299	1274	1400	1401	45	0			
81	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	46	26	46					
82	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278	278	278	91	92	91	92	186		Gas Shortage		
83	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	38	32	42					
84	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	2	40	0	70					
85	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	230	233	225	230					
86	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	78	85	93	93					
87	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	115	113	115	115					
88	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	44	41	42	45					
89	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40					
**	Bheramara HVDC Interconnector	India		500	500	484	488	453	453					
Khulna Zone Total				1551	1537	1084	1216	1117	1226	186	0			
90	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	27	28	28					
91	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	110	110	110	110					
92	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	12	18	11	18					
93	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	183	184	194	194					
Barisal Zone Total				377	367	305	339	343	350	0	0			
94	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					
95	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	24	32	32	32					
96	Bera Peaking	HFO (PDB)	9x8.29	71	71	36	47	47	47					
97	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50					
98	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	103	100	104			COD on 12.08.17		
99	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	22	30	35	35					
100	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	35	43	43	43					
101	Santahar Peaking	HFO (PDB)	6x8.7	50	50	30	30	32	35					
102	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	175	170	170	170	40		Gas Shortage		
	Sirajganj CCPP 2	Gas (NWPGL)				0	0	0	0			On Test		
103	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22					
104	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	6	4	6	10					
105	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	8	11					
106	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	40	40	42	42					
Rajshahi Zone Total				913	903	447	582	587	601	111	0			
107	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	66	67	68	68					
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	73	74	73	75					
108	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	12	0	12					
109	Syedpur GT	HSD (PDB)	1 x 20	20	20	15	18	18	18					
Rangpur Zone Total				290	210	154	171	159	173	0	0			
Sub-total: Plants in operation				13476	12922	7956	8984	9173	9901	1307	938			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7534	8507	8686	9375					
(B) List of Contract Expired Power Plants :														
110	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	0	0	0	0	0	0		Contract Expired	Uncertain	
111	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	0	0	0	0	0	0		Contract Expired	Uncertain	
Sub-total: Plants under long term maintenance				145	0	0	0	0	0	0	0			
Gross Total				13621	12922	7956	8984	9173	9901	1307	938			
(C) Actual data of 16.09.17 (Yesterday) Monday :														
01.	Max. Demand (Generation end)	:	8984.00 MW, at = 21:00 hrs	11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :										
02.	Max. Demand (Sub-station end)	:	8507.00 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)	:	9154.00 MW, at = 0:00 hrs	Dhaka	3417	3417	0	Mymensingh	633	633	0			
04.	Minimum Generation (Generation end)	:	7392.00 MW, at = 8:00 hrs	Chittagong	919	919	0	Sylhet	411	411	0			
05.	Day-peak Generation (Generation end)	:	7956.00 MW, at = 12:00 hrs	Khulna	857	857	0	Barisal	177	177	0			
06.	Evening-peak Generation (Generation end)	:	8984.00 MW, at = 21:00 hrs	Rajshahi	849	849	0	Rangpur	426	426	0			
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 21:00 hrs	Cornilla	818	818	0	Total	8507	8507	0			
08.	Generation shortfall at evening peak due to :			12.	Fuel cost :	(a) Gas = 68523017 Taka	(c) Coal = 12812180 Taka							
	a) Gas limitation	:	1307 MW		(b) Oil = 598482444 Taka	Total = 679817641 Taka								
	b) Low water level in Kaptai lake	:	0 MW	13. Maximum Temperature in Dhaka was : 36° C										
	c) Plants under shut down/ maintenance	:	938 MW	14. Export through East-West interconnections :										
09.	Total Energy (Generation + India Import)	:	197.34 MKWh	At evening peak-hour : -320 MW, at 21:00 hrs										
	By Gas =	121.75 MKWh	By Oil =	53.56 MKWh	Maximum : -160 MW, at 10:00 hrs									
	By Coal =	3.29 MKWh	By Hydro =	3.79 MKWh	Energy : 7.8675 MKWh									
10.	Total Gas Supplied	:	993.23 MMCFD											
(D) Forecast of 17.09.17 (Today) Sunday :														
01.	Maximum Demand	:	9900 MW (Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	9901 MW (Generation end)	05.	Total Generation	:	200.00 MKWh							
03.	Maximum Shortage	:	-1 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	36.1° C								

* Captive Power ** Imported Power

#Remarks: Highest Generation 9479MW on 07-06-2017 at 21:00

(MONIRUZZAMAN)
Deputy Secretary, Generation