



**Bangladesh Power Development Board**  
**DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation  
Tel : 9564667, 9551095

Month: September, 2018				Day : Friday				Date : 28.09.18					
Probable Maximum Demand : 11000 MW				Probable Maximum Generation : 12947 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 103.85 ft				Today = 103.76 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.09.18 (Yesterday)		28.09.18 (Today)		27.09.18 (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	0	0	0	0	170		Gas Shortage	
	d) Ghorasal ST-Unit-4	Gas (PDB)	1 x 210	210	180	20	0	0	0	180		Gas Shortage	
	(e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	120	120	120	120	70		Gas Shortage	
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	365	300	360				
3	Ghorasah (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	0	0				
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	40	110	110	110				
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	347	354	340	340				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	420	450	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	356	355	405	412	57		Gas Shortage	
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	99	104	100	100	106		Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0		217	Under Maintenance	28.10.18
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	100	100	100				
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	88	65	85	90				
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	21	50	50	50				
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	305				
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	91	85	100	100				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	81	65	81	81				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	47	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	93	94	102	102				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	0	22	22				
24	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	39	45	50	50				
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	24	33	41	41				
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	149	149	149	149				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	35	39	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	273	270	270				
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	46	80	70	110				
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	13	300	300				
34	Bramhangon 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	10	96	96				
35	Acurahati 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	55	54	55	55				
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	59	59	59	59				
Dhaka Zone Total				6084	5848	2896	3487	3999	4416	738	217		
39	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	144	145	145	145				
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	130	180	180	180				
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	24	26	25	25				
	Teknaf Solartech 20MW	Solar (IPP)				9.3	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	43	43	44	44				
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	120	140	120	140				
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	228	229	225	225				
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	35	40	40				
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	68	90	90	90				
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	30	45	45	45				
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	89	89	89				
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	18	19	19				
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			2	18	15	23				
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	92	92	93	93				
Chattogram Zone Total				1641	1561	949.3	1150	1150	1158	220	0		
52	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	80	90	100	130				
	b) Ashuganj ST-Unit-4	Gas (APSCL)	1 x 150	150	129	150	100	150	150				
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	135	85	130	130				
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	43	42	43	43				
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	0	0	0	0				
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	301	280	360	360				
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	0	245	360	360				
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	0	0	0	0				
58	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	53	53	53	53				
59	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	201	78	195	195				
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	0	0	41				
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0				
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19				
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	8	0	52	52				
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	21	22	22				
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	142	200	200				
**	Tripura	India		160	160	106	140	129	174				
Cumilla Zone Total				2601	2541	1238	1416	1934	2050	0	0		
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	32	44	45	45	158		Gas Shortage	
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20				
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	89	80	95	95				
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	180	187	173	192				
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.7	0	2	0				
Mymensingh Zone Total				530	522	321.7	331	335	352	158	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.09.18 (Yesterday)		28.09.18 (Today)		27.09.18 (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	60	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	42	50	50	50				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
79	Kushara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
81	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	57	54	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	306	302	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	81	86	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	47	45	45				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	78	112	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	19				
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	43	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	24	24	25	25				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	270	290	341	341				
Sylhet Zone Total				1594	1549	1254	1361	1465	1484	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	380	413	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	37	0	36				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	61	0	85				
95	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	120	190	230	230				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	85	101	100	100				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	98	66	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	50	94	94				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	32	40	40	40				
**	Bheramara HVDC Interconnector	India		1000	1000	773	773	781	781				
Khulna Zone Total				2228	2214	1488	1731	1770	1939	0	0		
100	Barisal GT :Unit-1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	26				
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	48	110	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	25	32	33	33				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	185	188	188	188				
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	95	98	95	95				
Barishal Zone Total				472	462	353	428	426	452	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	29.09.18
106	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	0	50				
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	42	0	52				
108	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	102	102	102				
110	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	37	0	40				
111	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	38	0	38				
113	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	186	183	210	210				
114	Sirajganj CCPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	133	220	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	22	22	22	22				
117	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	11	11	11				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	10	11	11				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	43	43	52	52				
Rajshahi Zone Total				1274	1264	465	858	728	908	71	100		
120	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.09.18
	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	160	159	160	160	115		Coal Shortage	
122	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	10	0	10				
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	15	0	18				
Rangpur Zone Total				564	484	160	184	160	188	200	85		
Sub-total: Plants in operation				16988	16445	9125	10946	11967	12947	1387	402		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8548	10254	11210	12128				
(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	9125	10946	11967	12947	1387	402		
(C) Actual data of 27.09.18 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	10946.00	MW,	at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	10254.00	MW,	at = 19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	10946.00	MW,	at = 19:00 hrs	Dhaka	3887	3887	0	Mymensingh	737	737	0
04.	Minimum Generation (Generation end)	:	8271.83	MW,	at = 8:00 hrs	Chattogram	1017	1017	0	Sylhet	430	430	0
05.	Day-peak Generation (Generation end)	:	9125.00	MW,	at = 12:00 hrs	Khulna	1274	1274	0	Barishal	259	259	0
06.	Evening-peak Generation (Generation end)	:	10946.00	MW,	at = 19:00 hrs	Rajshahi	1144	1144	0	Rangpur	630	630	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 19:00 hrs	Cumilla	876	876	0	Total	10254	10254	0
08.	Generation shortfall at evening peak due to :					12.	Fuel cost :	(a) Gas = 104339858 Taka	(c) Coal = 15035472 Taka				
	a) Gas limitation	:	1187	MW			(b) Oil = 590743698 Taka	Total = 710119029 Taka					
	b) Low water level in Kaptai lake	:	0	MW		13.	Maximum Temperature in Dhaka was : 33.9° C						
	c) Plants under shut down/ maintenance	:	402	MW		14.	Export through East-West interconnections :						
09.	Total Energy (Generation + India Import)	:	233.74	MKWh			At evening peak-hour	:	-400	MW,	at 19:00 hrs		
	By Gas = 140.91	MKWH	By Oil = 63.80	MKWh			Maximum	:	-420	MW,	at 3:00 hrs		
	By Coal = 3.90	MKWH	By Hydro = 3.29	MKWh			Energy	:	2.7510	MKWh			
10.	Total Gas Supplied	:	1166.39	MMCFD									
(D) Forecast of 28.09.18 (Today) Friday :													
01.	Maximum Demand	:	11000	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	12947	MW	(Generation end)	05.	Total Generation : 234.89 MKWh						
03.	Maximum Shortage	:	-1947	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 35.3° C						

\* Captive Power \*\* Imported Power  
#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZZAMAN)  
Deputy Secretary, Generation