



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month: September, 2018				Day : Saturday				Date : 29.09.18						
Probable Maximum Demand : 11500 MW				Probable Maximum Generation : 12870 MW										
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 103.76 ft				Today = 103.76 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Deraled/ Present Capacity (MW)	28.09.18 (Yesterday)		29.09.18 (Today)		Rule Curve = 105.28 ft		28.09.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)		Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening	Gas/water/Coal limitation 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			Gas Shortage		
	d) Ghorasal ST-Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0			Gas Shortage		
	(e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	120	120	120	120			Gas Shortage		
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	365	280	300	360					
3	Ghorasal (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	45	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	70	110	110					
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	343	351	340	340					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	390	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	380	420	405	412					
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	40	65	100	100		145	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	17	100	100					
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	7	90	85	90					
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	50	10	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	7	100	100	100					
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	81	81	81					
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55					
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100					
22	Gagnagar (Orion)	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	10	49	50	50					
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33					
26	Summit Power, Ruggan	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33					
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	41	41	41	41					
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	64	149	149	149					
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	38	38	38					
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	36	54	54					
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	47	276	270	270					
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	93	90	70	110					
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300					
34	Bramhangon 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	96	96					
35	Acurahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100					
36	Southern Power	HFO (IPP)	3x19.3	55	55	17	55	55	55					
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	55	55	55					
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	59	59	59					
Dhaka Zone Total				6084	5848	2201	3266	3997	4414	720	217			
39	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	110	147	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	180	180	180	180					
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	25	25	25					
	Teknaf Solartech 20MW	Solar (IPP)				20	0	20	0					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	18	25	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	100	135	120	140					
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	229	229	225	225					
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	16	40	40	40					
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	20	80	90	90					
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	14	29	45	45					
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	86	89	89					
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19					
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			35	34	15	25					
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	13	98	93	98					
Chattogram Zone Total				1641	1561	782	1127	1150	1165	220	0			
52	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	100	100	100	100					
	b) Ashuganj ST-Unit-4	Gas (APSCL)	1 x 150	150	129	120	100	120	120					
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	100	100	120	120					
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	42	42	43	43					
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	0	0	0	0		221	Under Maintenance	04.10.18	
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	334	300	360	360					
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	360	360	360					
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	0	0	0	0					
58	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	53	53					
59	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	78	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	41	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	21	21	21					
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	8	25	25	25					
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	18	20	22	22					
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	200	200	200					
**	Tripura	India		160	160	94	170	129	174					
Cumilla Zone Total				2601	2541	1374	1658	1896	1982	0	221			
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	43	50	95	50	152		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	7	80	95	95					
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	103	190	173	192					
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0					
Mymensingh Zone Total				530	522	175	340	385	357	152	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.09.18 (Yesterday)		29.09.18 (Today)		28.09.18 (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	58	56	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	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	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	63	64	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	330	302	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	89	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	46	45	45				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	78	80	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0				
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	7	24	25	25				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	310	280	341	341				
Sylhet Zone Total				1594	1549	1216	1266	1465	1465	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	280	360	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	36	0	36				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	70	0	85				
95	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	120	235	230	230				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	10	101	100	100				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	16	115	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	30	94	94				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	40	40	40				
**	Bheramara HVDC Interconnector	India		1000	1000	762	762	781	781				
Khulna Zone Total				2228	2214	1196	1749	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	16	110	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	25	31	33	33				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	181	168	188	188				
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	35	97	95	95				
Barishal Zone Total				472	462	257	406	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	38	0	52				
108	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	102	102	102				
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	40	15	40				
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	30	0	38				
113	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	200	219	210	210				
114	Sirajganj CCPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	146	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	9	11	11				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	52	52	52				
Rajshahi Zone Total				1274	1264	495	893	743	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	200	160	160	160	114		Coal Shortage	
122	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	8	0	10				
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	18				
Rangpur Zone Total				564	484	200	186	160	188	199	85		
Sub-total: Plants in operation				16988	16445	7896	10891	11992	12870	1362	623		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7444	10268	11306	12134				
(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	7896	10891	11992	12870	1362	623		
(C) Actual data of 28.09.18 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	:	10891.00	MW,	at = 20:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	10268.00	MW,	at = 20:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	10901.00	MW,	at = 22:00 hrs	Dhaka	3699	3699	0	Mymensingh	738	738	0
04.	Minimum Generation (Generation end)	:	7369.00	MW,	at = 9:00 hrs	Dhaka	1068	1068	0	Sylhet	454	454	0
05.	Day-peak Generation (Generation end)	:	7896.00	MW,	at = 12:00 hrs	Chattogram	1298	1298	0	Barishal	284	284	0
06.	Evening-peak Generation (Generation end)	:	10891.00	MW,	at = 20:00 hrs	Khulna	1148	1148	0	Rangpur	621	621	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 20:00 hrs	Rajshahi	958	958	0	Total	10268	10268	0
08.	Generation shortfall at evening peak due to :					Cumilla							
	a) Gas limitation	:	1163	MW		12.	Fuel cost :	(a) Gas = 103489129 Taka	(c) Coal = 16466374 Taka				
	b) Low water level in Kaptai lake	:	0	MW			(b) Oil = 451141056 Taka	Total = 571096559 Taka					
	c) Plants under shut down/ maintenance	:	623	MW		13.	Maximum Temperature in Dhaka was : 35.5° C						
09.	Total Energy (Generation + India Import)	:	218.29	MKWh		14.	Export through East-West interconnections :						
	By Gas = 140.72	MKWH	By Oil = 48.70	MKWh			At evening peak-hour	:	-430	MW,	at 20:00 hrs		
	By Coal = 4.27	MKWH	By Hydro = 3.00	MKWh			Maximum	:	-440	MW,	at 21:00 hrs		
10.	Total Gas Supplied	:	1167.57	MMCFD			Energy	:	2.6360	MKWh			
(D) Forecast of 29.09.18 (Today) Saturday :													
01.	Maximum Demand	:	11500	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	12870	MW	(Generation end)	05.	Total Generation : 230.28 MKWh						
03.	Maximum Shortage	:	-1370	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 35.9° C						

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

(MONIRUZZAMAN)  
Deputy Secretary, Generation