



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month: September, 2018				Day : Sunday				Date : 30.09.18						
Probable Maximum Demand : 11700 MW				Probable Maximum Generation : 13154 MW										
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 103.76 ft				Today = 103.58 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.09.18 (Yesterday)		30.09.18 (Today)		Rule Curve = 105.28 ft		29.09.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening						
(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	0	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	365	300	300	365					
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	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	13	110	110	110					
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	320	352	360	360					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	400	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	350	347	412	412	65			Gas Shortage	
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	38	100	100	172			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	50	89	90	90					
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	50	51	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	88	100	100	100					
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	79	90	100	100					
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	30	100	100	100					
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	40	92	102	102					
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	22	22					
24	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	39	49	50	50					
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	33	33	33	33					
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	40	40	40	40					
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	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	193	270	275	275					
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	72	107	107	107					
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	55	300	300					
34	Bramhangon 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	96	96					
35	Acurahat 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	51	100	100					
36	Southern Power	HFO (IPP)	3x19.3	55	55	36	55	55	55					
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	56	55	55					
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	14	44	59	59					
Dhaka Zone Total				6084	5848	2743	3573	4091	4461	812	217			
39	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	114	140	145	145	90			Water Level Low	
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	150	180	180	180					
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	26	25	25					
	Teknaf Solartech 20MW	Solar (IPP)				20	0	20	0					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	42	42	43	43					
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	110	135	135	135					
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	228	227	225	225					
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	40	40	40					
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	90	90	90	90					
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	13	0	50	50					
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	87	90	90					
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	20	19	19					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	10	15	15					
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	91	62	93	93					
Chattogram Zone Total				1641	1561	938	1059	1170	1150	310	0			
52	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	100	120	135	135					
	b) Ashuganj ST-Unit-4	Gas (APSCL)	1 x 150	150	129	120	150	129	129					
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	120	130	134	134					
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					
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	300	309	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	68	75	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	48	0	41					
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	130	150					
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	0	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	21	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	81	200	200					
**	Tripura	India		160	160	134	174	129	174					
Cumilla Zone Total				2601	2541	1420	1658	2085	2191	0	0			
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	96	96	96	96	106			Gas Shortage	
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	17	20	20					
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	7	77	95	95					
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	163	182	190	190					
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.9	0	2	0					
Mymensingh Zone Total				530	522	286.9	372	403	401	106	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.09.18 (Yesterday)		30.09.18 (Today)		29.09.18 (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	57	60	60				
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	50	60	60	60				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	50	50	50				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	50	44	44				
79	Kushara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	130	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	51	65	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	300	310	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	89	89	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	47	45	45				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	100	79	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	44	44	44	44				
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	9	9				
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	23	25	25				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	320	341	341				
Sylhet Zone Total				1594	1549	1243	1344	1464	1464	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	350	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	75	0	85				
95	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	120	224	230	230				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	5	102	100	100				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	32	66	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	96	96	96				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	40	40	40				
**	Bheramara HVDC Interconnector	India		1000	1000	763	771	781	781				
Khulna Zone Total				2228	2214	1324	1760	1772	1941	0	0		
100	Barisal GT :Unit- 1, 2	HSD (PDB)	2 x 20	40	30	0	12	0	26				
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	64	110	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	26	36	33	33				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	177	186	188	188				
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	96	97	95	95				
Barishal Zone Total				472	462	363	441	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	15.10.18
106	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	0	50				
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	45	0	52				
108	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	48	102	100	100				
110	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	36	38	40	40				
111	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	31	0	38				
113	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	180	215	210	210				
114	Sirajganj CCPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	130	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	9	10	11	11				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	43	43	52	52				
Rajshahi Zone Total				1274	1264	573	887	766	906	71	100		
120	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.10.18
	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	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	160	186	160	188	199	85		
Sub-total: Plants in operation				16988	16445	9051	11280	12337	13154	1498	402		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8556	10663	11662	12434				
(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	9051	11280	12337	13154	1498	402		
(C) Actual data of 29.09.18 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	11280.00	MW,	at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	10663.00	MW,	at = 19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	11280.00	MW,	at = 19:30 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	8138.20	MW,	at = 8:00 hrs	Dhaka	4101	4101	0	Mymensingh	770	770	0
05.	Day-peak Generation (Generation end)	:	9050.90	MW,	at = 12:00 hrs	Chattogram	904	904	0	Sylhet	466	466	0
06.	Evening-peak Generation (Generation end)	:	11280.00	MW,	at = 19:30 hrs	Khulna	1335	1335	0	Barishal	273	273	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 19:30 hrs	Rajshahi	1186	1186	0	Rangpur	650	650	0
08.	Generation shortfall at evening peak due to :					Cumilla	978	978	0	Total	10663	10663	0
	a) Gas limitation	:	1209	MW		12.	Fuel cost :	(a) Gas = 105827345	Taka	(c) Coal = 15047824	Taka		
	b) Low water level in Kaptai lake	:	90	MW			(b) Oil = 534603040	Taka	Total = 655478210	Taka			
	c) Plants under shut down/ maintenance	:	402	MW		13.	Maximum Temperature in Dhaka was : 35.5° C						
09.	Total Energy (Generation + India Import)	:	231.66	MKWh		14.	Export through East-West interconnections :						
	By Gas = 144.62	MKWH	By Oil = 58.12	MKWh			At evening peak-hour	:	-450	MW,	at 19:30 hrs		
	By Coal = 3.90	MKWH	By Hydro = 3.07	MKWh			Maximum	:	-520	MW,	at 18:30 hrs		
10.	Total Gas Supplied	:	1182.20	MMCFD			Energy	:	2.6655	MKWh			
(D) Forecast of 30.09.18 (Today) Sunday :													
01.	Maximum Demand	:	11700	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	13154	MW	(Generation end)	05.	Total Generation : 240.29 MKWh						
03.	Maximum Shortage	:	-1454	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 36° C						

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

(MONIRUZZAMAN)  
Deputy Secretary, Generation