



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: September, 2018				Day : Sunday				Date : 23.09.18				
Probable Maximum Demand : 11600 MW				Probable Maximum Generation : 12998 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 104.11 ft				Today = 104.11 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Dered/ Present Capacity (MW)	23.09.18 (Yesterday)		23.09.18 (Today)		23.09.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Probable start-up date	
					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	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	330	365	365	365			
3	Ghorasahal (Regent)	Gas (IPP)	34x3.35	108	108	22	70	45	86			
4	Ghorasahal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	20	78			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	25	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	0	55	55			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	306	356	355	355			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	225	65	450	450	385	GT2 Under Maintenance	25.09.18
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	347	367	412	412	45	Gas Shortage	
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	37	106	100	105	104	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	60	100	100	100			
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	0	100	80	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	70	81	81	81			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	87	75	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	48	84	102	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	19	19			
24	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	49	40	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	33	33	33	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	42	42	41	42			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	83	149	149	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	32	40	35	40			
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	36	54	54	54			
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	230	271	200	280			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	82	96	100	100			
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	304	150	300			
34	Bramhangon 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	94	96	96			
35	Acurahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	100	50	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	55	55	55			
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	57	57	68	60			
Dhaka Zone Total				6084	5848	2650	3636	3852	4559	724	602	
39	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	138	138	143	150			
40	a) Chittagong ST-Unit-1	Gas (PDB)	1 x 210	210	180	90	80	130	130	100	Gas Shortage	
	b) Chittagong ST-Unit-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	20	25	16	16			
	Teknaf Solartech 20MW	Solar (IPP)				18	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	27	50	47	50			
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	80	135	60	135			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	203	228	221	221			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	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	17	49	44	50			
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	88	0	88			
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19			
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			5	6	8	10			
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	72	93	93	93			
Chattogram Zone Total				1641	1561	819	1041	931	1092	320	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	150	110	0	150			
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	0	80	130	100			
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	35	43	43			
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	184	176	225	225			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	0	180	360	360			
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	360	360	360			
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	32	5	5	5			
58	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	53	5	5	5			
59	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	0	68	148	148			
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0			
61	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	85	85	85	85			
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	49	0	50			
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	156	155	155	155			
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	0	22	22			
65	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	0	8	8			
66	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
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	0	21	21	21			
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	180	100	200			
**	Tripura	India		160	160	130	168	128	175			
Cumilla Zone Total				2601	2541	1261	1710	1880	2197	0	0	
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	64	46	40	50	156	Gas Shortage	
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	32	88	88	88			
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	168	183	185	185			
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0			
Mymensingh Zone Total				530	522	288	339	337	345	156	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.09.18 (Yesterday)		23.09.18 (Today)		23.09.18 (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	30	30	60	60				
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	44	47	44	47				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	40	50				
79	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	163	163	163				
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
81	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	57	51	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	304	303	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	86	89	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	42	45	45				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	90	128	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	20	20				
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	44	45	46	46				
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	9	9				
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	0	25	24	24				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	270	270	300	341				
Sylhet Zone Total				1594	1549	1152	1282	1374	1428	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	350	290	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	41	0	42				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	90	0	85				
95	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	135	241	225	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	85	98	100	100				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	99	99	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	90	94	94				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	40	40	40				
**	Bheramara HVDC Interconnector	India		1000	1000	770	763	781	781				
Khulna Zone Total				2228	2214	1463	1752	1765	1940	0	0		
100	Barisal GT :Unit-1, 2	HSD (PDB)	2 x 20	40	30	0	20	0	26				
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	96	110	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	23	36	33	33				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	67	60	140	140				
104	Bhola Agreko 95 MW	Gas (QRPP)		95	95	94	97	95	95				
Barishal Zone Total				472	462	280	323	378	404	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	52	0	52				
108	Amnura	HFO (QRPP)	7x7.79	50	50	40	50	50	50				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	102	50	102				
110	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	38	0	38				
111	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	35	43	50	50				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	33	0	35				
113	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	0	0	0				
114	Sirajganj CCPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	172	220	220	220				
115	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	115	128	141	141				
	Sirajgonj Unit-4 414 MW(Gas)	Gas				0	0	0	0			On Test	
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
117	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	12	12	12	12				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	50	52	52	52				
Rajshahi Zone Total				1274	1264	451	813	608	835	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	190	159	170	170	115		Coal Shortage	
122	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	12	0	10				
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	19	0	18				
Rangpur Zone Total				564	484	190	190	170	198	200	85		
Sub-total: Plants in operation				16988	16445	8554	11086	11295	12998	1471	787		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8050	10433	10630	12232				
(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	8554	11086	11295	12998	1471	787		
(C) Actual data of 23.09.18 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	11086.00	MW,	at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	10433.00	MW,	at = 19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	11006.00	MW,	at = 19:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	7365.40	MW,	at = 7:00 hrs	Dhaka	4024	4024	0	Mymensingh	771	771	0
05.	Day-peak Generation (Generation end)	:	8554.00	MW,	at = 12:00 hrs	Chattogram	1107	1107	0	Sylhet	472	472	0
06.	Evening-peak Generation (Generation end)	:	11086.00	MW,	at = 19:00 hrs	Khulna	1260	1260	0	Barishal	266	266	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 19:00 hrs	Rajshahi	1101	1101	0	Rangpur	557	557	0
08.	Generation shortfall at evening peak due to :					Cumilla	875	875	0	Total	10433	10433	0
	a) Gas limitation	:	1271	MW		12.	Fuel cost :	(a) Gas = 87408795	Taka	(c) Coal = 16419282	Taka		
	b) Low water level in Kaptai lake	:	0	MW			(b) Oil = 649812450	Taka	Total = 753640527	Taka			
	c) Plants under shut down/ maintenance	:	787	MW		13.	Maximum Temperature in Dhaka was : 33.2° C						
09.	Total Energy (Generation + India Import)	:	216.40	MKWh		14.	Export through East-West interconnections :						
	By Gas = 122.80	MKWH	By Oil = 64.03	MKWh			At evening peak-hour	:	-450	MW,	at 19:00 hrs		
	By Coal = 4.25	MKWH	By Hydro = 3.25	MKWh			Maximum	:	-450	MW,	at 19:00 hrs		
10.	Total Gas Supplied	:	1056.40	MMCFD			Energy	:	1.5585	MKWh			
(D) Forecast of 23.09.18 (Today) Sunday :													
01.	Maximum Demand	:	11600	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	12998	MW	(Generation end)	05.	Total Generation : 228.08 MKWh						
03.	Maximum Shortage	:	-1398	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 33.8° C						

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

(MONIRUZZAMAN)
Deputy Secretary, Generation