



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: September, 2018				Day : Monday				Date : 24.09.18				
Probable Maximum Demand : 11700 MW				Probable Maximum Generation : 12990 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 104.11 ft				Today = 103.99 ft				
								Rule Curve = 104.32 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.09.18 (Yesterday)		24.09.18 (Today)		23.09.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
					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	300	300	365	365			
3	Ghorasah (Regent)	Gas (IPP)	34x3.35	108	108	0	0	45	86			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	20	78			
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	50	55	55			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	316	353	355	355			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	450	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	400	412	412	12	Gas Shortage	
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	104	103	100	105	107	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 Bangla)	HFO (QRPP)	12x8.9	100	100	50	82	100	100			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	21	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	69	100	80	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	65	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	50	100	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	48	102	102	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	5	22	22	22			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	49	49	50	50			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
26	Summit Power, Rupganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	33	41	41	42			
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	33	40	35	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	230	253	200	280			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	95	102	100	100			
33	APR Energy , Keraniganj	HSD (IPP)	256x1.4	300	300	0	53	150	300			
34	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	96	96			
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	50	100			
36	Southern Power	HFO (IPP)	3x19.3	55	55	36	55	55	55			
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	56	55	55	55			
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	58	57	60	60			
Dhaka Zone Total				6084	5848	2858	3617	3847	4562	694	217	
39	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	140	141	148	150			
40	a) Chittagong ST:Unit-1	Gas (PDB)	1 x 210	210	180	0	80	0	0	100	Gas Shortage	
	b) Chittagong ST:Unit-2	Gas (PDB)	1 x 210	210	180	0	30	120	120	150	Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	16	25	16	25			
	Teknaf Solartech 20MW	Solar (IPP)				20	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	46	48	47	50			
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	140	135	60	135			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	204	230	221	221			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	32	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	31	46	44	50			
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	81	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			6	29	10	25			
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	85	93	93	93			
Chattogram Zone Total				1641	1561	837	1079	928	1106	290	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	0	100	100	100			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	130	100	100	100			
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	30	43	43			
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	180	170	225	225			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	301	320	360	360			
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	360	360	360			
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	0	0			
58	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	20	5	5	5			
59	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	140	68	148	148			
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	49	0	50			
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	156	157	155	155			
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	8	11	8	11			
66	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
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	22	21	21			
69	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.09	200	200	0	80	100	200			
**	Tripura	India		160	160	138	180	128	180			
Cumilla Zone Total				2601	2541	1633	1797	1945	2150	0	0	
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	30	45	45	50	157	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	50	88	88	88			
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	178	184	185	185			
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0			
Mymensingh Zone Total				530	522	280	337	340	343	157	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated Present Capacity (MW)	23.09.18 (Yesterday)		24.09.18 (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	28	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	47	50	50	50				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	40	50				
79	Kushiana 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	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	64	65	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	300	314	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	86	86	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	43	45	45	45				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	95	110	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	46	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	24	24	24	24				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	270	300	341				
Sylhet Zone Total				1594	1549	1236	1290	1380	1431	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	414	410	410				
93	Fairdur Peaking	HFO (PDB)	8x6.98	54	54	0	39	0	42				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	80	0	85				
95	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	120	236	225	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	66	89	100	100				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	58	107	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	94	94	94				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	32	40	40	40				
**	Bheramara HVDC Interconnector	India		1000	1000	770	768	781	781				
Khulna Zone Total				2228	2214	1396	1867	1765	1940	0	0		
100	Barisal GT -Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	26	0	26				
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	110	110	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	25	38	33	33				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	114	148	150	150				
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	96	96	95	95				
Barishal Zone Total				472	462	345	418	388	414	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	51	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	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	40	30	40				
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	25	50	50	50				
112	Santhar Peaking	HFO (PDB)	6x8.7	50	50	0	32	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	160	220	220	220				
115	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	127	150	150	150				
	Sirajganj 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 (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	12	12	12	12				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	9	11	11				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	25	52	52	52				
Rajshahi Zone Total				1274	1264	422	840	647	846	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	170	170	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	18	0	18				
Rangpur Zone Total				564	484	160	187	170	198	200	85		
Sub-total: Plants in operation				16988	16445	9167	11432	11410	12990	1412	402		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8683	10829	10808	12305				
(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	9167	11432	11410	12990	1412	402		
(C) Actual data of 23.09.18 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	11432.00	MW, at = 20:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10829.00	MW, at = 20:00 hrs		Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	11432.00	MW, at = 20:00 hrs		MW	MW	MW		MW	MW	MW	
04.	Minimum Generation (Generation end)	:	8109.80	MW, at = 8:00 hrs		Dhaka	4044	4044	0	Mymensingh	769	769	0
05.	Day-peak Generation (Generation end)	:	9167.00	MW, at = 12:00 hrs		Chattogram	1078	1078	0	Sylhet	467	467	0
06.	Evening-peak Generation (Generation end)	:	11432.00	MW, at = 20:00 hrs		Khulna	1353	1353	0	Barishal	258	258	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 20:00 hrs		Rajshahi	1159	1159	0	Rangpur	656	656	0
08.	Generation shortfall at evening peak due to :					Cumilla	1045	1045	0	Total	10829	10829	0
	a) Gas limitation	:	1212	MW		12.	Fuel cost :	(a) Gas = 96415780	Taka	(c) Coal = 15079862	Taka		
	b) Low water level in Kaptai lake	:	0	MW			(b) Oil = 641665441	Taka		Total = 753161083	Taka		
	c) Plants under shut down/ maintenance	:	402	MW		13.	Maximum Temperature in Dhaka was : 33.9° C						
09.	Total Energy (Generation + India Import)	:	233.70	MKWh		14.	Export through East-West interconnections :						
	By Gas = 137.09	MKWH	By Oil = 67.24	MKWh			At evening peak-hour : -370 MW, at 20:00 hrs						
	By Coal = 3.91	MKWH	By Hydro = 3.30	MKWh			Maximum : -400 MW, at 19:00 hrs						
10.	Total Gas Supplied	:	1153.90	MMCFD			Energy : 2.6230 MKWh						
(D) Forecast of 24.09.18 (Today) Monday :													
01.	Maximum Demand	:	11700	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	12990	MW (Generation end)	05.	Total Generation : 239.18 MKWh							
03.	Maximum Shortage	:	-1290	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 35.2° C							

* Captive Power ** Imported Power

#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZZAMAN)
Deputy Secretary, Generation