



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month: September, 2018		Day: Thursday		Date: 27.09.18							
Probable Maximum Demand : 11600 MW		Probable Maximum Generation : 13205 MW		Rule Curve = 105.04 ft.							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 103.91 ft.		Today = 103.85 ft.							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.09.18 (Yesterday)		27.09.18 (Today)		26.09.18 (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)	
(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	20	20	20	160	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	350	300	300	300		
3	Ghorashal (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	42	105	105	105		
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	345	336	340	340		
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	420	430	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	360	405	405	52	Gas Shortage
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	102	40	100	100	170	Gas Shortage
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0	217	Under Maintenance
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	10	100	100	100		
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	87	90	90	90		
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	51	20	50	50		
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	305		
18	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	95	100	100	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	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	87	100	100	100		
22	Gaganagar (Oron)	HFO (IPP)	12x8.924	102	102	102	102	102	102		
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22		
24	Summit Power (Mathabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	47	49	50	50		
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33		
26	Summit Power, Ruggan	Gas (SIPP, REB)	4x8.73	33	33	25	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	149	149	149	149		
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	13	13	40	40		
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54		
31	Summit Gazpur-2	HFO (IPP)	18x17.076	300	300	65	273	270	270		
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	31	70	50	110		
33	APR Energy, Keranigonj	HSD (IPP)	256x1.4	300	300	0	0	300	300		
34	Bramhanganj 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	96	96	96		
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	20	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	55	55	55		
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	60	59	59	59		
Dhaka Zone Total			6084	5848	2961	3455	3999	4364	777	217	
39	Kaptai Hydro-Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	70	147	147	147		
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	170	180	180	180		
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	24	25	25	25		
	Teknaf Solartech 20MW	Solar (IPP)				19.4	0	0	0		
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	38	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	140	140		
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	203	229	225	225		
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.8+1x3+1x1.5	51	51	40	40	50	50		
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	90	90	90	90		
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	15	48	45	48		
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	31	89	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			2	23	6	23		
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	85	92	93	93		
Chattogram Zone Total			1641	1561	926.4	1165	1153	1173	220	0	
52	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	130		
	b) Ashuganj ST-Unit-4	Gas (APSCL)	1 x 150	150	129	100	100	150	150		
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	90	90	130	130		
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	46	43	43	43		
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	189	194	0	0		
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	301	316	360	360		
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	360	0	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	68	195	195		
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	41	0	41		
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	157	155	155	155		
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	8	11	11	11		
66	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	17	25	25	25		
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	16	52	52		
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	5	21	22	22		
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	20	200	200		
**	Tripura	India		160	160	128	174	129	174		
Cumilla Zone Total			2601	2541	1578	1743	1629	2205	0	0	
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	30	40	45	45	162	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	70	80	95	95		
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	168	192	173	192		
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.9	0	2	0		
Mymensingh Zone Total			530	522	288.9	332	335	352	162	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.09.18 (Yesterday)		27.09.18 (Today)		26.09.18 (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 CAPP-1	Gas (PDB)	2x32+1x33	97	70	30	58	60	60				
76	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	35	44	50	50				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
79	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	130	163	163				
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
81	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	41	57	66	66				
82	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	299	300	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	86	85	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	35	35	45	45				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	98	78	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	0	0	19				
87	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	45	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	16	24	25	25				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	310	341	341				
Sylhet Zone Total				1594	1549	1274	1296	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 CAPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	414	417	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	85	0	85				
95	Khulna CAPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	150	236	230	230				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	79	98	100	100				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	83	100	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	93	94	94				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
**	Bheramara HVDC Interconnector	India		1000	1000	769	777	781	781				
Khulna Zone Total				2228	2214	1535	1682	1770	1939	0	0		
100	Barisal GT :Unit-1, 2	HSD (PDB)	2 x 20	40	30	0	22	0	26				
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	80	110	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	23	37	33	33				
103	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	153	187	188	188				
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	95	98	95	95				
Barishal Zone Total				472	462	351	454	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	52	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	40	40				
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	37	0	37				
113	Sirajganj CAPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	115	146	210	210				
114	Sirajganj CAPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	168	220	220	220				
115	Sirajganj CAPP-3 GT	Gas (NWPGLCL)	1x141	141	141	0	0	141	141				
	Sirajganj Unit-4 414 MW(Gas)	Gas				0	0	0	0			On Test	
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	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	11	11	11				
119	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	43	43	52	52				
Rajshahi Zone Total				1274	1264	463	834	909	1048	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	18	0	18				
Rangpur Zone Total				564	484	160	187	160	188	200	85		
Sub-total: Plants in operation				16988	16445	9537	11348	11846	13205	1430	402		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8919	10612	11078	12349				
(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	9537	11348	11846	13205	1430	402		
(C) Actual data of 26.09.18 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	11348.00 MW, at = 20:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	10612.00 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)	:	11348.00 MW, at = 20:00 hrs	Dhaka	3937	3937	0	Mymensingh	749	749	0		
04.	Minimum Generation (Generation end)	:	8255.30 MW, at = 8:00 hrs	Chattogram	1090	1090	0	Sylhet	432	432	0		
05.	Day-peak Generation (Generation end)	:	9537.30 MW, at = 12:00 hrs	Khulna	1355	1355	0	Barishal	280	280	0		
06.	Evening-peak Generation (Generation end)	:	11348.00 MW, at = 20:00 hrs	Rajshahi	1147	1147	0	Rangpur	600	600	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 20:00 hrs	Cumilla	1022	1022	0	Total	10612	10612	0		
08.	Generation shortfall at evening peak due to :			12.	Fuel cost :	(a) Gas = 104000394 Taka	(c) Coal = 15052070 Taka						
	a) Gas limitation	:	1230 MW		(b) Oil = 575017674 Taka	Total = 694070138 Taka							
	b) Low water level in Kaptai lake	:	0 MW										
	c) Plants under shut down/ maintenance	:	402 MW										
09.	Total Energy (Generation + India Import)	:	232.31 MKWh	13.	Maximum Temperature in Dhaka was : 34.6° C								
	By Gas = 142.44 MKWh		By Oil = 61.50 MKWh	14.	Export through East-West interconnections :								
	By Coal = 3.90 MKWh		By Hydro = 2.49 MKWh		At evening peak-hour	:	-280 MW, at 20:00 hrs						
10.	Total Gas Supplied	:	1184.83 MMCFD		Maximum	:	-360 MW, at 19:00 hrs						
					Energy	:	2.2735 MKWh						
(D) Forecast of 27.09.18 (Today) Thursday :													
01.	Maximum Demand	:	11600 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	:	13205 MW (Generation end)	05.	Total Generation : 237.47 MKWh								
03.	Maximum Shortage	:	-1605 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