



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: September, 2018				Day : Wednesday				Date : 26.09.18							
Probable Maximum Demand : 11700 MW				Probable Maximum Generation : 13226 MW											
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 103.96 ft				Today = 103.91 ft				Rule Curve = 104.56 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.09.18 (Yesterday)		26.09.18 (Today)		25.09.18 (Yesterday)		26.09.18 (Today)		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	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	250	365	360	360						
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	100	100						
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	75	75						
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	105	105	105						
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	341	348	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	361	346	412	412	66			Gas Shortage		
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	60	106	105	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	70	84	90	90						
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	30	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	90	100	100	100						
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	81	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	88	100	100						
22	Gaganagar (Orion)	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 (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	24	49	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	41	41	42	42						
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	80	149	149	149						
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	26	39	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	110	252	200	270						
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	82	96	105	105						
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	10	96	96						
35	Acurahat 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	11	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	14	21	52	52						
Dhaka Zone Total				6084	5848	2740	3454	4220	4595	745	217				
39	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	102	105	150	150						
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	16	25	16	25						
	Teknaf Solartech 20MW	Solar (IPP)				20	0	0	0						
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	35	42	45	45						
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	135	80	135	135						
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	197	229	225	225						
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	50	40	50						
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	80	90	90	90						
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	45	47	45	45						
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	62	86	30	88						
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19						
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	20	30	30						
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	80	86	93	93						
Chattogram Zone Total				1641	1561	1014	1059	1098	1175	220	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	100	100	100	100						
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	80	80	100	100						
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	30	25	43	43						
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	160	182	221	221						
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	323	301	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	5	5						
59	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	68	68	68	68						
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	155	152	155	155						
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22						
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	25	25	25	25						
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	25	52	52						
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	22	22	22						
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	10	200	200						
**	Tripura	India		160	160	142	140	132	174						
Cumilla Zone Total				2601	2541	1584	1662	1961	2053	0	0				
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	32	42	46	46	160			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	80	89	95	95						
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	166	178	185	185						
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.5	0	2	0						
Mymensingh Zone Total				530	522	299.5	329	348	346	160	0				

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.09.18 (Yesterday)		26.09.18 (Today)		25.09.18 (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	62	58	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	50	50	50	50							
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	44	44							
79	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	163	163	163							
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	8	11	11							
81	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	63	42	66	66							
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	314	300	330	330							
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	86	86	86							
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	42	44	45	45							
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	80	98	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	43	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	22	24	25	25							
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	310	280	341	341							
Sylhet Zone Total				1594	1549	1346	1336	1486	1486	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	410	419	410	410							
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	36	0	41							
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	85	0	80							
95	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	120	236	230	230							
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	81	86	100	100							
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	49	99	115	115							
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	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	773	774	777	777							
Khulna Zone Total				2228	2214	1473	1868	1766	1935	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	110	110	110	110							
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	19	35	33	33							
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	146	173	150	150							
104	Bhola Agreko 95 MW	Gas (QRPP)		95	95	95	96	95	95							
Barishal Zone Total				472	462	370	414	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	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	0	100	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	32							
113	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	0	150	200		210	Was Under Maintenance				
114	Sirajganj CCPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	130	221	220	220							
115	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	126	150	150	150							
	Sirajgonj 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	12	11	12	12							
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11							
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	43	43	43	43							
Rajshahi Zone Total				1274	1264	437	830	850	1034	71	310					
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	214	160	160	160	114		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	214	188	160	188	199	85					
Sub-total: Plants in operation				16988	16445	9478	11140	12277	13226	1395	612					
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8970	10543	11619	12517							
(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	9478	11140	12277	13226	1395	612					
(C) Actual data of 25.09.18 (Yesterday) Tuesday :																
01.	Max. Demand (Generation end)	:	11140.00	MW,	at =	20:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	10543.00	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)	:	11140.00	MW,	at =	20:00 hrs	Dhaka	4023	4023	0	Mymensingh	749	749	0		
04.	Minimum Generation (Generation end)	:	8106.10	MW,	at =	7:00 hrs	Chattogram	1130	1130	0	Sylhet	417	417	0		
05.	Day-peak Generation (Generation end)	:	9477.50	MW,	at =	12:00 hrs	Khulna	1315	1315	0	Barishal	268	268	0		
06.	Evening-peak Generation (Generation end)	:	11140.00	MW,	at =	20:00 hrs	Rajshahi	1044	1044	0	Rangpur	658	658	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	20:00 hrs	Cumilla	939	939	0	Total	10543	10543	0		
08.	Generation shortfall at evening peak due to :						12.	Fuel cost :	(a) Gas = 100669553 Taka	(c) Coal = 15979628 Taka						
	a) Gas limitation	:	1196	MW												
	b) Low water level in Kaptai lake	:	0	MW												
	c) Plants under shut down/ maintenance	:	612	MW												
09.	Total Energy (Generation + India Import)	:	232.38	MKWh												
	By Gas = 141.70	MKWh	By Oil = 63.14	MKWh												
	By Coal = 4.14	MKWh	By Hydro = 2.72	MKWh												
10.	Total Gas Supplied	:	1190.58	MMCFD	Energy											
(D) Forecast of 26.09.18 (Today) Wednesday :																
01.	Maximum Demand	:	11700	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)					
02.	Maximum Generation	:	13226	MW	(Generation end)	05.	Total Generation	:	244.06	MKWh						
03.	Maximum Shortage	:	-1526	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	32.7° C							

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

(MONIRUZZAMAN)
Deputy Secretary, Generation