



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month: September, 2018				Day : Wednesday				Date : 19.09.18						
Probable Maximum Demand : 11500 MW				Probable Maximum Generation : 12459 MW										
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 104.40 ft				Today = 104.29 ft						
				Rule Curve = 103.14 ft										
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	18.09.18 (Yesterday)		19.09.18 (Today)		18.09.18 (Yesterday)		19.09.18 (Today)		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	Probable start-up date		
(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	365	365	365					
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	12	12	12	12					
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)	2x 32	64	40	0	0	0	0	40		Gas Shortage		
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	55	103	98	105					
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	331	241	350	350	119		Gas Shortage		
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	430	260	225	225					
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	304	330	350	412	82		Gas Shortage		
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage		
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	150	150	0	0					
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	17	100	100	100					
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	96	97	100	100					
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	10	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	100	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	42	55	55	55					
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	100	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	19	19	19	19					
24	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	34	50	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	25	33	33	33					
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	33	41	41	41					
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	65	133	132	132					
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	33	26	35	40					
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54					
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	190	260	210	260					
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	108	108	110	110					
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	73	200	300					
34	Bramhangon 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	97	100	100					
35	Acurahat 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	100	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	56	55	55	55					
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	61	70	71	71					
Dhaka Zone Total				6084	5848	3155	3548	3580	4109	986	0			
39	Kaptai Hydro-Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	142	150	144	144					
40	a) Chittagong ST-Unit-1	Gas (PDB)	1 x 210	210	180	130	130	130	130	50		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	16	16	16	16					
	Teknaf Solartech 20MW	Solar (IPP)				16.2	0	0	0					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	43	34	45	45					
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	135	135	135	135					
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	41	192	215	215					
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	78	90	90	90					
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	14	44	45	45					
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	8	72	70	70					
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19					
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			3	15	10	15					
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	83	90	92	92					
Chattogram Zone Total				1641	1561	768.2	1027	1051	1056	270	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	95	120	130	120					
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	80	100	100	100					
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	20	42	40	40					
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	193	209	225	225					
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	320	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	5	5	5	5					
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	152	100	100	100					
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	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	20	18	21	21					
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	200	130	200					
**	Tripura	India		160	160	98	150	129	175					
Cumilla Zone Total				2601	2541	1571	1845	1873	2029	0	0			
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	28	65	65	65	137		Gas Shortage		
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22					
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	64	87	88	88					
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	163	178	180	185					
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.9	0	2	0					
Mymensingh Zone Total				530	522	275.9	352	357	360	137	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	18.09.18 (Yesterday)		19.09.18 (Today)		18.09.18 (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	56	58	58	58				
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	47	47	47				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	44	47	47	47				
79	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	100	163	163				
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
81	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	62	56	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	317	301	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	82	86	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	43	46	45	45				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	76	100	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	18	20	20				
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	42	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	21	21	21				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	270	341	341				
Sylhet Zone Total				1594	1549	1271	1274	1478	1478	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	330	410	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	55	0	85				
95	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	120	241	225	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	27	88	100	100				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	83	99	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	40	40	40	40				
**	Bheramara HVDC Interconnector	India		1000	1000	779	769	781	781				
Khulna Zone Total				2228	2214	1379	1837	1765	1940	0	0		
100	Barisal GT :Unit- 1, 2	HSD (PDB)	2 x 20	40	30	0	24	0	26				
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	112	110	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	26	38	33	33				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	120	118	120	120				
104	Bhola Agreko 95 MW	Gas (QRPP)		95	95	90	97	95	95				
Barishal Zone Total				472	462	348	387	358	384	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	49	0	48				
108	Ammura	HFO (QRPP)	7x7.79	50	50	40	50	40	40				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	25	102	50	102				
110	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	32	0	38				
111	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	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	175	215	220	220				
114	Sirajganj CCPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	163	220	220	220				
115	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	0	0	0	0				
	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	8	10	10	10				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	52	52	52				
Rajshahi Zone Total				1274	1264	502	896	675	898	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	170	170	170	170	104		Coal Shortage	
122	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	9	0	17				
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	18				
Rangpur Zone Total				564	484	170	197	170	205	189	85		
Sub-total: Plants in operation				16988	16445	9440	11363	11307	12459	1653	185		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8919	10736	10683	11772				
(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	9440	11363	11307	12459	1653	185		
(C) Actual data of 18.09.18 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	11363.00	MW,	at =	20:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand (Sub-station end)	:	10736.00	MW,	at =	20:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	11363.00	MW,	at =	20:00 hrs		MW	MW	MW		MW	MW
04.	Minimum Generation (Generation end)	:	8753.20	MW,	at =	8:00 hrs	Dhaka	4096	4096	0	Mymensingh	742	742
05.	Day-peak Generation (Generation end)	:	9440.10	MW,	at =	12:00 hrs	Chattogram	1034	1034	0	Sylhet	477	477
06.	Evening-peak Generation (Generation end)	:	11363.00	MW,	at =	20:00 hrs	Khulna	1369	1369	0	Barishal	299	299
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	20:00 hrs	Rajshahi	1223	1223	0	Rangpur	572	572
08.	Generation shortfall at evening peak due to :						Cumilla	924	924	0	Total	10736	10736
	a) Gas limitation	:	1464	MW			12.	Fuel cost :	(a) Gas = 104337756	Taka	(c) Coal = 15994296	Taka	
	b) Low water level in Kaptai lake	:	0	MW				(b) Oil = 650552667	Taka	Total = 770884718	Taka		
	c) Plants under shut down/ maintenance	:	185	MW			13.	Maximum Temperature in Dhaka was : 36.2° C					
09.	Total Energy (Generation + India Import)	:	243.19	MKWh			14.	Export through East-West interconnections :					
	By Gas = 142.78	MKWH	By Oil = 70.99	MKWh				At evening peak-hour	:	-430	MW,	at	20:00 hrs
	By Coal = 4.14	MKWH	By Hydro = 3.33	MKWh				Maximum	:	-490	MW,	at	4:00 hrs
10.	Total Gas Supplied	:	1187.53	MMCFD				Energy	:	3.2590	MKWh		
(D) Forecast of 19.09.18 (Today) Wednesday :													
01.	Maximum Demand	:	11500	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation	:	12459	MW	(Generation end)		05.	Total Generation	:	246.12	MKWh		
03.	Maximum Shortage	:	-959	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	36.2° C			

* Captive Power ** Imported Power
#Remarks: Highest Generation 11534MW on 17-09-2018 at 19:00

(MONIRUZZAMAN)
Deputy Secretary, Generation