



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: November, 2018					Day : Tuesday				Date : 20.11.18				
Probable Maximum Demand : 8900 MW					Probable Maximum Generation : 11796 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 101.09 ft		Today = 101.00 ft		Rule Curve = 107.20 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.11.18 (Yesterday)		20.11.18 (Today)		19.11.18 (Yesterday)		20.11.18 (Today)		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	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	0	0	0	0				
	c) Ghorasal ST-Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170		Gas Shortage	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	251	251	261	261			On Test	
	e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190		Gas Shortage	
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	330	365	365				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	52	94	94	94				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	82	78	78				
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage	
6	Horipur GT- Unit-1,2	Gas (PDB)	2 x 32	64	40	40	40	0	0				
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	13	110	110				
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	354	355	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	425	400	450	450				
10	Shiddiganj 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	256	240	300	300				
12	Shiddiganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	97	55	0	0	155		Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	200	218	217	217				
14	Siddiganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100				
15	Siddiganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	7	100	100				
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	0	0				
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0				
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	7	100	100				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	15	100	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	52	55	55	55				
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	20	100	100				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	102	65	102	102				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	22	22				
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	57	57	57				
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25				
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	34	39	43	43				
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	16	133	133				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	30	40	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	12	45	300	300				
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	31	50	133	133				
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300				
34	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
35	Aourahat 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100				
36	Southern Power	HFO (IPP)	3x19.3	55	55	55	36	55	55				
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	37	55	55	55				
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	47	47	47				
Dhaka Zone Total				6084	5848	2496	2782	4318	4418	735	0		
39	Kaptai Hydro-Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	79	73	84	84	157		Water Level Low	
40	a) Chattogram ST-Unit-1	Gas (PDB)	1 x 210	210	180	150	150	150	150	30		Gas Shortage	
	b) Chattogram 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	25	25	25	25				
42	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	18.7	0	20	0				
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	50	50	50	50				
44	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage	
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	130	130	150	150				
46	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	202	201	225	225				
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	8	40	50	50				
48	Julda (Aconr)	HFO (QRPP)	8x13.45	100	100	15	40	100	100				
	Julda 100 MW Unit-3	HFO (IPP)				36	100	100	100			On Test	
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	51	51				
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	45	80	80				
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	8	10	10				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	45	100	100				
Chattogram Zone Total				1661	1581	737.7	980	1217	1197	407	0		
53	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	120	100	100	100				
	b) Ashuganj ST-Unit-4	Gas (APSCL)	1 x 150	150	129	144	120	120	120				
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	135	120	120	120				
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	40	40	40				
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	183	170	221	221				
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	301	301	360	360				
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0				
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5				
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5				
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	35	16	16				
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	6	51	51	51				
	Midland 150MW	HFO (IPP)				12	12	0	0			On Test	
62	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	5	85	85	85				
63	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50				
64	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	85	90	90	90				
	Chandpur Desh 200MW	HFO (IPP)				17	70	150	150			On Test	
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	22	22	22				
66	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	33	33	33				
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	25	52	52				
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	10	22	22	22				
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200				
**	Tripura	India		160	160	90	118	101	128				
Cumilla Zone Total				2601	2541	1190	1435	1804	1881	0	0		
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	202	186	177	186				
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	20	20				
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	79	79	79				
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	40	200	200				
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0				
Mymensingh Zone Total				530	522	228.1	325	478	485	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.11.18 (Yesterday)		20.11.18 (Today)		19.11.18 (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)		
76	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	26	26	28	28				
77	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	32	32	63	63				
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	50	50	50				
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	51	44	44				
80	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	130	163	163				
81	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8				
82	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	60	68	66	66				
83	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0	330	Under Maintenance	22.11.18	
84	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	89	86	86				
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	35	42	43	43				
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	90	80	100	100				
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	20	20	20				
88	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	44	47	50	50				
89	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10				
90	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	25	25	25	25				
91	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	310	280	341	341				
Sylhet Zone Total				1594	1549	813	958	1097	1097	0	330		
92	Bheramara GT- Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	32				
93	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0				
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	0	0	30				
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	4	52	80	80				
96	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
97	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	16	99	99				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	100	100				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	40	40	40				
100	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	105	105	105		On Test		
**	Bheramara HVDC Interconnector	India		1000	1000	705	709	719	719				
Khulna Zone Total				2223	2209	717	922	1143	1205	0	0		
101	Barsal GT -Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
102	Summit Barsal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	52	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	18	25	27	27				
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	193	196	194	194				
105	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	12	93	95	95				
Barishal Zone Total				472	462	223	366	426	456	0	0		
106	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	65	70	70	70				
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Gas Shortage		
107	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	16	0	50				
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	41	0	49				
109	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	60	93	93				
111	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	39				
112	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	8	50	50				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	31	0	31				
114	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	193	174	210	210				
115	Sirajganj CCPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	0	0	0	0				
116	Sirajganj CCPP-3 GT	Gas (NWPGL)	1x141	141	141	113	113	141	141				
117	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0				
118	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
119	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	3	5	5				
120	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
121	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	52	52	52				
Rajshahi Zone Total				1556	1546	414	651	704	873	100	0		
122	a) Barapukuria ST-Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.12.18
	b) Barapukuria ST-Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Coal Shortage		
123	Barapukuria ST-Unit - 3	Coal (PDB)	1 x 274	274	274	140	149	149	149	125	Coal Shortage		
124	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	17				
125	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18				
Rangpur Zone Total				564	484	140	166	149	184	210	85		
Sub-total: Plants in operation				17285	16742	6959	8585	11336	11796	1452	415		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6545	8075	10663	11095				
(B) List of Contract Expired Power Plants :													
126	Khulna (Agreko) 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				17340	16742	6959	8585	11336	11796	1452	415		
(C) Actual data of 19.11.18 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	8585.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8075.00	MW, at = 19:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	8585.00	MW, at = 19:00 hrs		Dhaka	3123	3123	0	Mymensingh	552	552	0
04.	Minimum Generation (Generation end)	:	5306.00	MW, at = 5:00 hrs		Chattogram	947	947	0	Sylhet	312	312	0
05.	Day-peak Generation (Generation end)	:	6958.80	MW, at = 12:00 hrs		Khulna	949	949	0	Barishal	202	202	0
06.	Evening-peak Generation (Generation end)	:	8585.00	MW, at = 19:00 hrs		Rajshahi	805	805	0	Rangpur	505	505	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Cumilla	680	680	0	Total	8075	8075	0
08.	Generation shortfall at evening peak due to :				12.	Fuel cost : (a) Gas = 88613796 Taka (c) Coal = 13777112 Taka							
	a) Gas limitation	:	1085	MW		(b) Oil = 90557539 Taka Total = 192948447 Taka							
	b) Low water level in Kaptai lake	:	157	MW	13.	Maximum Temperature in Dhaka was : 30.0° C							
	c) Plants under shut down/ maintenance	:	415	MW	14.	Export through East-West interconnections :							
09.	Total Energy (Generation + India Import)	:	155.37	MKWh		At evening peak-hour : -610 MW, at 19:00 hrs							
	By Gas = 118.175 MKWh			By Oil = 13.657 MKWh		Maximum : -680 MW, at 18:30 hrs							
	By Coal = 3.569 MKWh			By Hydro = 1.844 MKWh									
	By Solar= 0.130 MKWh												
10.	Total Gas Supplied	:	1082.80	MMCFD		Energy : 4.7615 MKWh							
(D) Forecast of 20.11.18 (Today) Tuesday :													
01.	Maximum Demand	:	8900	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	11796	MW (Generation end)	05.	Total Generation : 161.07 MKWh							
03.	Maximum Shortage	:	-2896	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 28.2° C							
* Captive Power ** Imported Power													

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

(MONIRUZZAMAN)
Deputy Secretary, Generation