



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: November, 2018					Day : Monday				Date : 19.11.18				
Probable Maximum Demand : 9000 MW					Probable Maximum Generation : 12318 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 101.19 ft	Today = 101.09 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)	18.11.18 (Yesterday)		19.11.18 (Today)		18.11.18 (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)			
(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	243	251	252	252		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	350	340	365	365				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	94	94	94	94				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	81	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	0	40	40	40				
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110				
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	325	340	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	400	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	238	242	300	300				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	168	168	100	100	42	Gas Shortage		
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	223	217	217				
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100				
15	Siddirganj (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	30	100	100				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	30	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	0	10	100	100				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	16	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	46	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	23	25	25	25				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	34	43	43	43				
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	133	133				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	40	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	19	59	300	300				
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	47	73	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	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100				
36	Southern Power	HFO (IPP)	3x19.3	55	55	0	55	55	55				
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	36	55	55	55				
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	24	47	47	47				
Dhaka Zone Total				6084	5848	2263	3055	4449	4549	622	0		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	76	78	84	84	152		Water Level Low	
40	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	120	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	8	25	25	25				
42	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	18.5	0	20	0				
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	24	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	132	130	130	130	20	Gas Shortage		
46	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	203	201	225	225				
47	Shikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	50	50	50				
48	Julda (Acomr)	HFO (QRPP)	8x13.45	100	100	15	15	100	100				
	Julda 100 MW Unit-3	HFO (IPP)				50	100	100	100		On Test		
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	36	51	51				
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	48	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	8	8				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	12	63	100	100				
Chattogram Zone Total				1661	1581	704.5	950	1195	1175	422	0		
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	120	120	120	120				
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	150	100	100	100				
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	135	135	100	100				
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	192	183	221	221				
56	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	305	305	360	360				
57	Ashuganj CAPP(North)	Gas (APSCL)	1x360	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	83	83	80	190				
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51				
	Midland 150MW	HFO (IPP)				10	27	0	0		On Test		
62	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	50	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	90	85	90	90				
	Chandpur Desh 200MW	HFO (IPP)				0	90	17	180		On Test		
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
66	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	8	33	33	33				
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	12	22	22				
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200				
**	Tripura	India		160	160	86	114	101	128				
Cumilla Zone Total				2601	2541	1375	1506	1715	2065	0	0		
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	162	208	202	202				
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	17	17				
73	Jamulpur IPP	HFO (IPP)	12x8.924	95	95	0	79	79	79				
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	16	200	200				
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0				
Mymensingh Zone Total				530	522	188.1	320	500	498	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	18.11.18 (Yesterday)		19.11.18 (Today)		18.11.18 (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	27	27				
77	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	54	63	63	63				
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	44	50	51	51				
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	51	51	44	44				
80	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
81	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
82	Shajibazar GT-Unit-8.9	Gas (PDB)	2x35	70	66	64	63	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	40	89	86	86				
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	38	41	42	42				
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	79	78	100	100				
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	20	20				
88	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	45	47	50	50				
89	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	10	10	10				
90	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	24	25	25				
91	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	305	275	341	341				
Sylhet Zone Total				1594	1549	928	1010	1099	1099	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	0	28	75	75				
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	24	40	40				
100	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	107	105	105		On Test		
**	Bheramara HVDC Interconnector	India		1000	1000	712	711	714	714				
Khulna Zone Total				2223	2209	720	886	1133	1195	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	48	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	19	27	27	27				
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	195	198	194	194				
105	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	62	96	95	95				
Barishal Zone Total				472	462	276	369	426	456	0	0		
106	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	70	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	50	0	50				
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	55				
109	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	50	93	93				
111	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	38				
112	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	40				
114	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	7	210	210				
115	Sirajganj CCPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	137	0	220	220				
116	Sirajganj CCPP-3 GT	Gas (NWPGL)	1x141	141	141	119	52	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	5	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	43	52	52				
Rajshahi Zone Total				1556	1546	381	410	924	1107	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	150	150	139	139	124		Coal Shortage	
124	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	17				
125	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18				
Rangpur Zone Total				564	484	150	150	139	174	209	85		
Sub-total: Plants in operation				17285	16742	6986	8656	11580	12318	1353	415		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6519	8078	10807	11495				
(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	6986	8656	11580	12318	1353	415		
(C) Actual data of 18.11.18 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	8656.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8078.00	MW, at = 19:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8656.00	MW, at = 19:00 hrs		MW	MW	MW		MW	MW	MW	
04.	Minimum Generation (Generation end)	:	5421.00	MW, at = 5:00 hrs		Dhaka	3188	3188	0	Mymensingh	557	557	0
05.	Day-peak Generation (Generation end)	:	6985.60	MW, at = 12:00 hrs		Chattogram	888	888	0	Sylhet	318	318	0
06.	Evening-peak Generation (Generation end)	:	8656.00	MW, at = 19:00 hrs		Khulna	927	927	0	Barisal	205	205	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Rajshahi	791	791	0	Rangpur	496	496	0
08.	Generation shortfall at evening peak due to :					Cumilla	708	708	0	Total	8078	8078	0
	a) Gas limitation	:	992	MW	12.	Fuel cost : (a) Gas = 95248193 Taka (c) Coal = 14057348 Taka							
	b) Low water level in Kaptai lake	:	152	MW		(b) Oil = 80319626 Taka Total = 189625167 Taka							
	c) Plants under shut down/ maintenance	:	415	MW	13.	Maximum Temperature in Dhaka was : 29.8° C							
09.	Total Energy (Generation + India Import)	:	163.75	MKWh	14.	Export through East-West interconnections :							
	By Gas = 126.857		MKWH	By Oil = 12.167		At evening peak-hour : -850 MW, at 19:00 hrs							
	By Coal = 3.642		MKWH	By Hydro = 1.836		Maximum : -950 MW, at 20:00 hrs							
	By Solar= 0.132		MKWH										
10.	Total Gas Supplied	:	1128.68	MMCFD		Energy : 5.7865 MKWh							
(D) Forecast of 19.11.18 (Today) Monday :													
01.	Maximum Demand	:	9000	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	12318	MW (Generation end)	05.	Total Generation	:	170.26	MKWh				
03.	Maximum Shortage	:	-3318	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	28.9° C					

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation