



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: November, 2018					Day : Friday				Date : 16.11.18					
Probable Maximum Demand : 8500 MW					Probable Maximum Generation : 11635 MW									
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 101.46 ft				Today = 101.36 ft				Rule Curve = 107.70 ft	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.11.18 (Yesterday)		16.11.18 (Today)		15.11.18 (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)	Description/ Remarks	Probable start-up date		
(A) Plants in operation:														
1	a) Ghorasal ST:Unit -1	Gas (PDB)	1 x 55	55	40	35	35	36	35					
	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	245	248	255	255			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	210	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	105		Gas Shortage		
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	0	65	110	110					
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	242	310	360	360					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	330	330	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	0	0	300	300	412		Was Under Maintenance		
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	94	91	0	0	119		Gas Shortage		
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0	217		Gas Shortage		
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	15	100	100					
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	7	20	100	100					
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	11	0	50	50					
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0					
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	32	30	100	100					
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	48	60	100	100					
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	0	70	100	100					
22	Gagnagar (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	53	45	50	50					
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	16	25	25					
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	43	43	43					
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	100	133	133					
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	35	44	44	44					
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	180	239	300	300					
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	99	105	132	132					
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	20	300	300					
34	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	30	0	100					
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	10	100	100					
36	Southern Power	HFO (IPP)	3x19.3	55	55	36	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	47	47	47	47					
Dhaka Zone Total				6084	5848	2101	2641	3903	4002	956	412			
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	70	70	70	110	160		Water Level Low		
40	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	0	0	150	150	180		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	19.8	0	20	0					
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	46	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	145	131	130	140	19		Gas Shortage		
46	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	223	200	225	225					
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	51	50	50	50					
48	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	76	68	100	100					
	Julda 100 MW Unit-3	HFO (IPP)				0	92	100	100			On Test		
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	37	51	51					
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	8	80	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	6	30	35					
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	46	97	100	103					
Chattogram Zone Total				1661	1581	733.8	928	1203	1241	579	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	0	0	100	100					
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	135	120	100	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	208	183	221	221					
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	360	360					
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	350	360	360	360					
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	25	5	5					
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	53	53	5	5					
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	195	140	68	68					
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51					
	Midland 150MW	HFO (IPP)				7	0	0	0			On Test		
62	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	85	85	85					
63	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	17	0	50					
64	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	142	134	140	140					
	Chandpur Desh 200MW	HFO (IPP)				132	136	200	200			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	0	0	11	11					
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33					
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	43	52	52	52					
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	9	14	22	22					
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	50	200	200					
**	Tripura	India		160	160	100	126	105	126					
Cumilla Zone Total				2601	2541	1730	1761	2300	2391	0	0			
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	70	101	150	150	101		Gas Shortage		
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20					
73	Jamulpur IPP	HFO (IPP)	12x8.924	95	95	77	70	77	77					
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	55	193	200	200					
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.5	0	2	0					
Mymensingh Zone Total				530	522	223.5	384	449	447	101	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.11.18 (Yesterday)		16.11.18 (Today)		15.11.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
						Day	Evening	Day	Evening				
76	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	27	27	27	27				
77	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	76	63	63	63				
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	53	53	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	110	100	163	163				
81	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
82	Shajibazar GT-Unit-8.9	Gas (PDB)	2x35	70	66	64	47	66	66				
83	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0	330	Under Maintenance	19.11.18	
84	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	86	86	86				
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	35	42	42	42				
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	80	78	100	130				
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	20	20				
88	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	44	48	50	50				
89	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	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	270	290	341	341				
Sylhet Zone Total				1594	1549	953	950	1099	1129	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	31	0	31				
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	6	36	60	60				
96	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
97	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	2	75	99	99				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	97	97				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
100	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	90	107	0	105		On Test		
**	Bheramara HVDC Interconnector	India		1000	1000	548	548	554	554				
Khulna Zone Total				2223	2209	686	837	850	1018	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	110	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	18	23	25	25				
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	20	81	84	84				
105	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	95	94	95	95				
Barishal Zone Total				472	462	133	308	314	344	0	0		
106	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	50	50	50	50	21	Gas Shortage		
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0				
107	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	0	50				
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	55	0	55				
109	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	91	91	91				
111	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	38	0	40				
112	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	39	0	40				
114	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0				
115	Sirajganj CCPP 2	HSD (NWPGL)	1x150+1x75	220	220	178	182	220	220				
116	Sirajganj CCPP-3 GT	Gas (NWPGL)	1x141	141	141	93	162	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	8	52	52				
Rajshahi Zone Total				1556	1546	414	813	692	877	21	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	212	150	150	150	124	Coal Shortage		
124	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18				
125	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18				
Rangpur Zone Total				564	484	212	150	150	186	209	85		
Sub-total: Plants in operation				17285	16742	7186	8772	10960	11635	1866	827		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6902	8425	10526	11175				
(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	7186	8772	10960	11635	1866	827		
(C) Actual data of 15.11.18 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	8772.00 MW, at = 18:00 hrs	11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	8425.00 MW, at = 18:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	:	8772.00 MW, at = 18:00 hrs	Dhaka	3439	3439	0	Mymensingh	558	558	0		
04.	Minimum Generation (Generation end)	:	5536.00 MW, at = 4:00 hrs	Chattogram	972	972	0	Sylhet	329	329	0		
05.	Day-peak Generation (Generation end)	:	7186.30 MW, at = 12:00 hrs	Khulna	977	977	0	Barishal	198	198	0		
06.	Evening-peak Generation (Generation end)	:	8772.00 MW, at = 18:00 hrs	Rajshahi	797	797	0	Rangpur	446	446	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 18:00 hrs	Cumilla	709	709	0	Total	8425	8425	0		
08.	Generation shortfall at evening peak due to :			12.	Fuel cost : (a) Gas = 81352553 Taka (c) Coal = 14253436 Taka			(b) Oil = 260039623 Taka Total = 355645612 Taka					
	a) Gas limitation	:	1497 MW	13.	Maximum Temperature in Dhaka was : 31.1° C								
	b) Low water level in Kaptai lake	:	160 MW	14.	Export through East-West interconnections :								
	c) Plants under shut down/ maintenance	:	827 MW		At evening peak-hour : -540 MW, at 18:00 hrs								
09.	Total Energy (Generation + India Import)	:	167.73 MKWh		Maximum : -800 MW, at 21:00 hrs								
	By Gas = 110.855 MKWH	By Oil = 36.851 MKWh											
	By Coal = 3.693 MKWH	By Hydro = 1.612 MKWH											
	By Solar= 0.141 MKWH												
10.	Total Gas Supplied	:	0.00 MMCFD		Energy : 6.8395 MKWh								
(D) Forecast of 16.11.18 (Today) Friday :													
01.	Maximum Demand	:	8500 MW (Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	11635 MW (Generation end)	05.	Total Generation	:	162.53 MKWh						
03.	Maximum Shortage	:	-3135 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	31.2° C						
* Captive Power ** Imported Power													

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

(MONIRUZZAMAN)
Deputy Secretary, Generation