



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: November, 2018					Day : Sunday				Date : 18.11.18					
Probable Maximum Demand : 9200 MW					Probable Maximum Generation : 11903 MW									
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 101.30 ft				Today = 101.19 ft				Rule Curve = 107.30 ft	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.11.18 (Yesterday)		18.11.18 (Today)		17.11.18 (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	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	238	250	257	257		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	230	280	200	200					
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	80	94	94	94					
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	78	40	40	40					
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	13	110	110					
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	360	300	360	360					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	450	360	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	21	308	308					
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	190	192	200	200	18	Gas Shortage			
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	217	217	Gas Shortage			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100					
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	30	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	80	100	100					
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	48	100	100					
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	48	55	55					
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	10	100	100					
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	102	80	80					
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	50	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	17	22	25	25					
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	8	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	0	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	36	140	300	300					
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	15	110	115	115					
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	18	55	55	55					
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	2	46	0	46					
Dhaka Zone Total				6084	5848	1891	2574	4015	4378	855	0			
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	75	78	84	84	152	Water Level Low			
40	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	120	120	120	120	60	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	0	25	25	25					
42	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	18.1	0	20	0					
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	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	150	130	133	140	20	Gas Shortage			
46	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	225	204	225	225					
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	0	40	50	50					
48	Julda (Acomr)	HFO (QRPP)	8x13.45	100	100	0	20	100	100					
	Juldah 100 MW Unit-3	HFO (IPP)				0	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	80	85	85					
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	10	11	11					
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	13	100	100					
Chattogram Zone Total				1661	1581	609.1	943	1176	1163	452	0			
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	110	120	120	120					
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	100	150	150	150					
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	120	135	135	135					
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	185	197	221	221					
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	334	316	360	360					
57	Ashuganj CCPP(North)	Gas (APSCL)	1x360	360	360	0	0	0	0					
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	30	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	191	100	100	100					
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	45	51	51					
	Midland 150MW	HFO (IPP)				17	16	0	0		On Test			
62	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	85	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	141	140	100	100					
	Chandpur Desh 200MW	HFO (IPP)				0	148	150	150		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	11	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	0	43	52	52					
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	21	22	22					
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200					
**	Tripura	India		160	160	63	124	101	127					
Cumilla Zone Total				2601	2541	1508	1781	1963	2039	0	0			
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	199	203	200	200					
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	17	17					
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	71	78	78					
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	55	200	200					
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.7	0	2	0					
Mymensingh Zone Total				530	522	224.7	346	497	495	0	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.11.18 (Yesterday)		18.11.18 (Today)		17.11.18 (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	26	26					
77	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	32	32	63	63					
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	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	163	130	163	163					
81	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11					
82	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	55	65	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	10	89	86	86					
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	38	40	42	42					
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	87	78	100	130					
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20					
88	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	44	48	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	25	25	25					
91	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	320	260	341	341					
Sylhet Zone Total				1594	1549	901	918	1098	1128	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	60	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	0	32	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	0	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	562	702	720	720					
Khulna Zone Total				2223	2209	562	939	1121	1183	0	0			
101	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30					
102	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	16	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	187	196	194	194					
105	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	88	97	95	95					
Barishal Zone Total				472	462	294	336	426	456	0	0			
106	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	50	50	0	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	0	0	50					
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	55					
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	38	0	38					
112	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	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	157	186	220	220					
116	Sirajganj CCPP-3 GT	Gas (NWPGL)	1x141	141	141	120	87	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	5	11	11	11					
121	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	52	52	52					
Rajshahi Zone Total				1556	1546	359	600	644	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	150	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	150	166	149	184	210	85			
Sub-total: Plants in operation				17285	16742	6499	8603	11089	11903	1538	415			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6166	8162	10521	11293					
(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	6499	8603	11089	11903	1538	415			
(C) Actual data of 17.11.18 (Yesterday) Saturday :														
01.	Max. Demand (Generation end)	:	8603.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	8162.00	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)	:	8603.00	MW, at = 19:00 hrs		Dhaka	3206	3206	0	Mymensingh	565	565	0	
04.	Minimum Generation (Generation end)	:	5183.00	MW, at = 5:00 hrs		Chattogram	948	948	0	Sylhet	319	319	0	
05.	Day-peak Generation (Generation end)	:	6498.80	MW, at = 12:00 hrs		Khulna	945	945	0	Barishal	210	210	0	
06.	Evening-peak Generation (Generation end)	:	8603.00	MW, at = 19:00 hrs		Rajshahi	782	782	0	Rangpur	469	469	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Cumilla	718	718	0	Total	8162	8162	0	
08.	Generation shortfall at evening peak due to :					12.	Fuel cost : (a) Gas = 93059204 Taka (c) Coal = 14154620 Taka				(b) Oil = 97534932 Taka Total = 204748755 Taka		Taka	
	a) Gas limitation	:	1176	MW		13.	Maximum Temperature in Dhaka was : 30.4° C							
	b) Low water level in Kaptai lake	:	152	MW		14.	Export through East-West interconnections :							
	c) Plants under shut down/ maintenance	:	415	MW			At evening peak-hour : -600 MW, at 19:00 hrs							
09.	Total Energy (Generation + India Import)	:	157.99	MKWh			Maximum : -800 MW, at 20:00 hrs							
	By Gas = 122.507		MKWH	By Oil = 13.344										
	By Coal = 3.667		MKWH	By Hydro = 1.497										
	By Solar= 0.132		MKWH											
10.	Total Gas Supplied	:	1102.25	MMCFD			Energy : 4.7700 MKWh							
(D) Forecast of 18.11.18 (Today) Sunday :														
01.	Maximum Demand	:	9200	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)					
02.	Maximum Generation	:	11903	MW (Generation end)	05.	Total Generation	:	168.95	MKWh					
03.	Maximum Shortage	:	-2703	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	30.2° C						
* Captive Power ** Imported Power														
#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30														
(MONIRUZZAMAN) Deputy Secretary, Generation														