



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: November, 2018					Day : Tuesday				Date : 27.11.18				
Probable Maximum Demand : 8700 MW					Probable Maximum Generation : 12652 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 100.55 ft		Today = 100.50 ft		Rule Curve = 106.40 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.11.18 (Yesterday)		27.11.18 (Today)		26.11.18 (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	121	120	200	200		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	380	380	380				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	12	92	52	92				
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	40	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	320	361	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	350	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	175	108	300	300				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	203	148	160	170				
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	120	226	225	225				
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100				
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	0	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	0	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	30	55	55	55				
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	32	32	102	102				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	22	22	22				
24	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	34	48	49	49				
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	34	43	43				
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	133	133				
29	Kathpott 52 MW	HFO (IPP)	7x7.90	51	51	0	47	43	48				
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	10	97	300	300				
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	30	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	0	17	55	55				
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	56	55	55				
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	47	46	46				
Dhaka Zone Total				6084	5848	1950	2586	4354	4509	580	0		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	73	74	160	160	156		Water Level Low	
40	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	160	160	160	160	20	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	19.7	0	20	0				
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	18	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	133	130	120	150				
46	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	214	201	225	225				
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	8	37	40	40				
48	Julda (Acomr)	HFO (QRPP)	8x13.45	100	100	0	30	100	100				
	Juldah 100 MW Unit-3	HFO (IPP)				24	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	0	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	9	9				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	12	92	92				
Chattogram Zone Total				1661	1581	698.7	900	1254	1264	396	0		
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	100	120	120	120				
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	90	90	90	90				
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	100	135	135	135				
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	37	40	40	40				
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	224	182	221	221				
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	283	305	305	305				
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0	360	Under Maintenance	29.11.18	
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	54	8	54	54				
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	6	51	51	51				
	Midland 150MW	HFO (IPP)				155	11	155	155		On Test		
62	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	6	85	85	85				
63	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	8	0	50				
64	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	87	88	90	90				
	Chandpur Desh 200MW	HFO (IPP)				0	102	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	11	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	12	0	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	102	122				
Cumilla Zone Total				2601	2541	1287	1444	1998	2068	0	360		
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	141	125	202	202				
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
73	Jamulpur IPP	HFO (IPP)	12x8.924	95	95	21	70	79	79				
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	64	200	200				
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0				
Mymensingh Zone Total				530	522	186.1	281	505	503	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.11.18 (Yesterday)		27.11.18 (Today)		26.11.18 (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	27	26	26	26				
77	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	63	62	76	76				
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	53	51	51				
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	51	44	44				
80	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	130	163	163				
81	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	8	11				
82	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	64	45	66	66				
83	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0	330	Under Maintenance	29.11.18	
84	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	86	86	86				
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	46	46	50	50				
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	78	79	79	79				
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	20	20				
88	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	41	45	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	24	24	25	25				
91	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	275	270	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0		On Test		
Sylhet Zone Total				1594	1549	756	957	1095	1098	0	330		
92	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
93	Bheramara 360 MW CCPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	295	305	310	310				
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	0	0	30				
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	60	75	75				
96	Khulna CCPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	0				
97	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	0	115	115				
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	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	692	693	699	699				
Khulna Zone Total				2223	2209	987	1203	1444	1504	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	26	26	26				
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	194	169	194	194				
105	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	12	96	95	95				
Barishal Zone Total				472	462	225	307	425	455	0	0		
106	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	70	70	70	100	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	8	0	50				
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	50				
109	Amnura	HFO (QRPP)	7x7.79	50	50	0	27	50	50				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	8	35	93	93				
111	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	40				
112	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	39	0	39				
114	Sirajganj CCPP 1	Gas (NWP/GCL)	1x150+1x75	210	210	188	182	210	210				
115	Sirajganj CCPP 2	HSD (NWP/GCL)	1x150 + 1x75	220	220	187	184	180	185				
116	Sirajgonj CCPP-3 GT	Gas (NWP/GCL)	1x141	141	141	0	0	141	141				
117	Sirajgonj 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	8	8	8				
121	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	52	52	52				
Rajshahi Zone Total				1556	1546	473	632	881	1065	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	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	150	150	150	186	209	85		
Sub-total: Plants in operation				17285	16742	6713	8460	12106	12652	1285	775		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6450	8129	11632	12157				
(B) List of Contract Expired Power Plants :													
126	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				17340	16742	6713	8460	12106	12652	1285	775		
(C) Actual data of 26.11.18 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	8460.00 MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	8129.00 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)	:	8460.00 MW, at = 19:00 hrs		Dhaka	3137	3137	0	Mymensingh	556	556	0	
04.	Minimum Generation (Generation end)	:	5236.00 MW, at = 5:00 hrs		Chattogram	933	933	0	Sylhet	315	315	0	
05.	Day-peak Generation (Generation end)	:	6712.80 MW, at = 12:00 hrs		Khulna	964	964	0	Barishal	205	205	0	
06.	Evening-peak Generation (Generation end)	:	8460.00 MW, at = 19:00 hrs		Rajshahi	810	810	0	Rangpur	521	521	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:00 hrs		Cumilla	688	688	0	Total	8129	8129	0	
08.	Generation shortfall at evening peak due to :				12.	Fuel cost : (a) Gas = 95841664 Taka (b) Oil = 79492717 Taka			(c) Coal = 14149988 Taka	Total = 189484370 Taka			
	a) Gas limitation	:	920 MW										
	b) Low water level in Kaptai lake	:	156 MW										
	c) Plants under shut down/ maintenance	:	775 MW										
09.	Total Energy (Generation + India Import)	:	158.77 MKWh	13.	Maximum Temperature in Dhaka was : 30.0° C								
	By Gas = 125.860 MKWH	By Oil = 10.906 MKWh		14.	Export through East-West interconnections :								
	By Coal = 3.666 MKWH	By Hydro = 1.383 MKWh			At evening peak-hour : -450 MW, at 19:00 hrs								
	By Solar= 0.150 MKWH				Maximum : -480 MW, at 19:30 hrs								
10.	Total Gas Supplied	:	1129.17 MMCFD		Energy : 1.4645 MKWh								
(D) Forecast of 27.11.18 (Today) Tuesday :													
01.	Maximum Demand	:	8700 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	:	12652 MW (Generation end)	05.	Total Generation : 163.28 MKWh								
03.	Maximum Shortage	:	-3952 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 28.4° C								

* Captive Power ** Imported Power
#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZAMAN)
Deputy Secretary, Generation