



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: November, 2018				Day : Wednesday				Date : 28.11.18				
Probable Maximum Demand : 8800 MW				Probable Maximum Generation : 11468 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 100.50 ft		Today = 100.43 ft		Rule Curve = 106.30 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.11.18 (Yesterday)		28.11.18 (Today)		27.11.18 (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	0	0	0	0		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	380	340	380	380			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	94	94	101	101			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	60	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	40	0	0	0			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	322	322	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	420	380	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	232	95	300	300			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	67	0	0	0			
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	120	150	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	7	70	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	32	100	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	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	14	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	48	48	49	49			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	17	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	32	0	43	43			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	16	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	0	54	54	54			
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	12	120	300	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	31	97	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	36	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	0	47	47	47			
Dhaka Zone Total				6084	5848	1938	2329	4044	4149	580	0	
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	44	71	160	160	159		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	0	25	25	25			
42	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.58	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	80	130	131	150			
46	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	203	202	225	225			
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	32	40	40			
48	Julda (Acomr)	HFO (QRPP)	8x13.45	100	100	0	15	100	100			
	Julda 100 MW Unit-3	HFO (IPP)				50	90	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	55	80	80			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	19	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	11	10	10			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	12	92	92			
Chattogram Zone Total				1661	1581	590.58	923	1266	1265	399	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCCL)	1 x 150	150	135	120	120	120	120			
	b) Ashuganj ST:Unit-4	Gas (APSCCL)	1 x 150	150	129	90	120	90	90			
	c) Ashuganj ST:Unit-5	Gas (APSCCL)	1 x 150	150	134	135	135	135	135			
54	Ashuganj Engines	Gas (APSCCL)	14x3.968	53	45	37	37	40	40			
55	Ashuganj CCPP 225 MW	Gas (APSCCL)	1x142+1*75	221	221	202	184	221	221			
56	Ashuganj CCPP(South)	Gas (APSCCL)	1x360	360	360	338	305	305	305			
57	Ashuganj CCPP(North)	Gas (APSCCL)	1x361	360	360	0	0	0	0	360	Under Maintenance	29.11.18
58	Ashuganj (Precision)	Gas (RPP)	15'4	55	55	5	20	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	8	8	8			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	54	51	51			
	Midland 150MW	HFO (IPP)				0	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	0	0	50			
64	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	140	140	150	150			
	Chandpur Desh 200MW	HFO (IPP)				0	145	200	200		On Test	
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	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	8	33	33	33			
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	44	52	52			
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	13	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	86	120	96	121			
Cumilla Zone Total				2601	2541	1342	1609	1851	1926	0	360	
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	88	71	55	70			
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	79	79	79			
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	151	180	185			
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0			
Mymensingh Zone Total				530	522	119.1	323	338	356	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.11.18 (Yesterday)		28.11.18 (Today)		27.11.18 (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	25	26	26	26				
77	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	63	63	76	76				
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	50	51	51				
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	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	63	54	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	47	47	50	50				
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	98	78	79	79				
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	20	20				
88	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	42	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	23	25	25	25				
91	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	250	0	0				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	883	947	754	757	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 (NWPGLCL)	1 x 278+1 x 132	410	410	293	305	310	310				
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	17	0	30				
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	60	75	75				
96	Khulna CCPP	HSD (NWPGLCL)	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	687	686	694	694				
Khulna Zone Total				2223	2209	980	1213	1439	1499	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	80	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	19	25	26	26				
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	191	115	119	145				
105	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	31	98	95	95				
Barishal Zone Total				472	462	241	318	350	406	0	0		
106	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	30	70	70				
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	51	0	0	49		Gas Shortage	
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	50				
109	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	52	93	93				
111	Katakali Peaking	HFO (PDB)	6x8.7	50	50	0	14	0	40				
112	Katakali (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 (NWPGLCL)	1x150+1x75	210	210	188	176	210	210				
115	Sirajganj CCPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	199	192	180	185				
116	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	0	0	0	0				
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	8	8	8				
121	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	52	52	52				
Rajshahi Zone Total				1556	1546	477	691	740	924	49	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	149	149	150	150	125		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	149	149	150	186	210	85		
Sub-total: Plants in operation				17285	16742	6720	8502	10932	11468	1238	775		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6366	8054	10356	10864				
(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	6720	8502	10932	11468	1238	775		
(C) Actual data of 27.11.18 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	8502.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8054.00	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)	:	8502.00	MW, at = 19:00 hrs		Dhaka	3057	3057	0	Mymensingh	577	577	0
04.	Minimum Generation (Generation end)	:	5135.00	MW, at = 5:00 hrs		Chattogram	914	914	0	Sylhet	312	312	0
05.	Day-peak Generation (Generation end)	:	6719.68	MW, at = 12:00 hrs		Khulna	974	974	0	Barishal	205	205	0
06.	Evening-peak Generation (Generation end)	:	8502.00	MW, at = 19:00 hrs		Rajshahi	800	800	0	Rangpur	514	514	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Cumilla	701	701	0	Total	8054	8054	0
08.	Generation shortfall at evening peak due to :				12.	Fuel cost :	(a) Gas = 93851607 Taka		(c) Coal = 14127214 Taka		Taka		
	a) Gas limitation	:	869	MW			(b) Oil = 77760834 Taka		Total = 185739655		Taka		
	b) Low water level in Kaptai lake	:	159	MW									
	c) Plants under shut down/ maintenance	:	775	MW									
09.	Total Energy (Generation + India Import)	:	158.43	MKWh	13.	Maximum Temperature in Dhaka was : 31.5° C							
	By Gas = 124.535	MKWH	By Oil = 11.725	MKWh	14.	Export through East-West interconnections :							
	By Coal = 3.660	MKWH	By Hydro = 1.185	MKWh		At evening peak-hour	:	-380	MW, at 19:00	hrs			
	By Solar= 0.150	MKWH				Maximum	:	-420	MW, at 18:30	hrs			
10.	Total Gas Supplied	:	1110.43	MMCFD		Energy	:	1.3225	MKWh				
(D) Forecast of 28.11.18 (Today) Wednesday :													
01.	Maximum Demand	:	8800	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	11468	MW (Generation end)	05.	Total Generation	:	163.98	MKWh				
03.	Maximum Shortage	:	-2668	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	28.7° C					

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

(MONIRUZAMAN)
Deputy Secretary, Generation