



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month: November, 2018		Day : Thursday				Date : 29.11.18						
Probable Maximum Demand :		8700 MW		Probable Maximum Generation :		11323 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 100.43 ft		Today = 100.37 ft		Rule Curve = 106.20 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.11.18 (Yesterday)		29.11.18 (Today)		28.11.18 (Yesterday)	29.11.18 (Today)	Gen. shortfall for :	Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)				
					Day	Evening	Day	Evening				
(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	35	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 CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	360	250	380	380			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	101	33	101	101			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	60	35	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			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110			
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	350	357	360	360			
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	420	450	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage
11	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	120	425	300	300			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0			
13	Shiddirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	225	225			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	20	24	100	100			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	0	0			
17	Meghnaghat CCGP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	48	36	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	22	95	100	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55			
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	2	100	100			
22	Gagnagar (Oron)	HFO (IPP)	12x8.924	102	102	48	67	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	48	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	17	25	25			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	42	43	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	43	47	43	48			
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	12	87	300	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	46	110	133	133			
33	APR Energy, Keranigonj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
34	Bramhangan 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	36	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	46	46	47	47			
Dhaka Zone Total				6084	5848	2053	2507	4044	4149	580	0	
39	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	40	160	160	190		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	20	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	135	131	150			
46	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	229	202	225	225			
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	32	40	40			
48	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	0	70	100	100			
	Julda 100 MW Unit-3	HFO (IPP)				100	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	55	80	80			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
*	Malanchara, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			2	4	10	10			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	79	92	92			
Chattogram Zone Total				1661	1581	781	1025	1266	1265	430	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	85	100	90	90			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	135	135	135	135			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	40	40	40			
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	186	182	221	221			
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	338	334	305	305			
57	Ashuganj CCGP(North)	Gas (APSCL)	1x360	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	55	53	8	8			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	5	51	51			
	Midland 150MW	HFO (IPP)				0	0	0	0			On Test
62	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	80	85	85	85			
63	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	8	0	50			
64	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	140	137	150	150			
	Chandpur Desh 200MW	HFO (IPP)				35	94	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	33	33	33	33			
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	29	52	52			
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	19	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	122	96	121			
Cumilla Zone Total				2601	2541	1403	1539	1851	1926	0	360	
71	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	49	52	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	42	79	79	79			
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	35	150	180	185			
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	2	0			
Mymensingh Zone Total				530	522	150.3	303	356	356	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.11.18 (Yesterday)		29.11.18 (Today)		28.11.18 (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 CAPP-1	Gas (PDB)	2x32+1x33	97	70	24	26	26	26			
77	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	51	76	76	76			
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	48	53	51	51			
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44			
80	Kushiera 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	163	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	40	66	66			
83	Shajibazar 330 MW CAPP	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	30	86	86	86			
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	47	50	50			
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	127	126	79	79			
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	20	20			
88	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	40	46	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	16	25	25	25			
91	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	0	0	0			
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test
Sylhet Zone Total				1594	1549	694	778	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 CAPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	293	302	310	310			
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	14	0	30			
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	1	75	75	75			
96	Khulna CAPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0			
97	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	32	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	40	40	40	40			
100	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	35	105	105	105			On Test
**	Bheramara HVDC Interconnector	India		1000	1000	687	692	694	694			
Khulna Zone Total				2223	2209	1056	1260	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	43	110	110			
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	18	24	26	26			
104	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	80	136	119	145			
105	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	56	75	95	95			
Barishal Zone Total				472	462	154	278	350	406	0	0	
106	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	65	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	0	0	50			
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	50			
109	Amnura	HFO (QRPP)	7x7.79	50	50	25	50	50	50			
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	55	93	93			
111	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	40			
112	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	25	50	50			
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	32	0	39			
114	Sirajganj CAPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	201	176	125	125			
115	Sirajganj CAPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	167	170	125	125			
116	Sirajganj CAPP-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	18	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	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52			
Rajshahi Zone Total				1556	1546	531	660	600	779	100	0	
122	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling
	b) Barapukuria ST:Unit- 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Coal Shortage	15.12.18
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	17	0	18			
125	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18			
Rangpur Zone Total				564	484	149	166	150	186	210	85	
Sub-total: Plants in operation				17285	16742	6971	8516	10792	11323	1320	775	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6659	8135	10309	10816			
(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	6971	8516	10792	11323	1320	775	
(C) Actual data of 28.11.18 (Yesterday) Wednesday :												
01.	Max. Demand (Generation end)	:	8516.00 MW, at = 18:00 hrs	11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	8135.00 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)	:	8516.00 MW, at = 18:00 hrs	Dhaka	3249	3249	0	Mymensingh	531	531	0	
04.	Minimum Generation (Generation end)	:	5262.00 MW, at = 5:00 hrs	Chattogram	926	926	0	Sylhet	316	316	0	
05.	Day-peak Generation (Generation end)	:	6971.30 MW, at = 12:00 hrs	Khulna	958	958	0	Barishal	187	187	0	
06.	Evening-peak Generation (Generation end)	:	8516.00 MW, at = 18:00 hrs	Rajshahi	774	774	0	Rangpur	525	525	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 18:00 hrs	Cumilla	669	669	0	Total	8135	8135	0	
08.	Generation shortfall at evening peak due to :			12.	Fuel cost :	(a) Gas = 91629261 Taka	(c) Coal = 13956216 Taka					
a)	Gas limitation	:	920 MW		(b) Oil = 135622257 Taka	Total = 24120735 Taka						
b)	Low water level in Kaptai lake	:	190 MW									
c)	Plants under shut down/ maintenance	:	775 MW									
09.	Total Energy (Generation + India Import)	:	161.65 MKWh	13.	Maximum Temperature in Dhaka was : 31.5° C							
	By Gas = 120.936 MKWH	By Oil = 20.564 MKWh		14.	Export through East-West interconnections :							
	By Coal = 3.616 MKWH	By Hydro = 0.940 MKWh			At evening peak-hour : -370 MW, at 18:00 hrs							
	By Solar= 0.152 MKWH				Maximum : -400 MW, at 20:00 hrs							
10.	Total Gas Supplied	:	1033.23 MMCFD		Energy : 1.9655 MKWh							
(D) Forecast of 29.11.18 (Today) Thursday :												
01.	Maximum Demand	:	8700 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	11323 MW (Generation end)	05.	Total Generation : 165.14 MKWh							
03.	Maximum Shortage	:	-2623 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