



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month: December, 2018					Day : Saturday				Date : 29.12.18				
Probable Maximum Demand : 8100 MW					Probable Maximum Generation : 12708 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 98.67 ft		Today = 98.62 ft		Rule Curve = 103.30 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.12.18 (Yesterday)		29.12.18 (Today)		28.12.18 (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	35	35	35	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	150	276	280	280		On Test		
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0				
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	260	300	350	350				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	94	100	100				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	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 CCPP	Gas (IPP)	1x235+1x125	360	360	360	370	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	400	400	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	365	350	412	412				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	108	190	140	200				
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	228	180	200	220				
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100				
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100				
16	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0				
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	7	100	100				
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100				
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55				
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
21	Gagnagar (Onion)	HFO (IPP)	12x8.924	102	102	0	0	102	102				
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	22	22				
23	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	49	45	58	58				
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33				
25	Summit Power, Rupganj	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33				
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	8	8	43	43				
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	118	149				
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	0	45	45				
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	18	54	54				
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	0	300	300				
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	130	130				
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300				
33	Bramhangonj 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
35	Southern Power	HFO (IPP)	3x19.3	55	55	0	17	36	36				
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	17	55	55				
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	8	46				
Dhaka Zone Total				6034	5798	2013	2384	4369	4718	390	0		
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	40	70	70	190		Water Level Low	
39	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage		
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	150	120	150	150	60	Gas Shortage		
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	16	25	25	25				
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	20	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	34	50	50				
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage		
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	45	130	150	150				
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225	Gas Shortage		
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	50	50	50	50				
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	90	90				
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	30	90	100	100				
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	0	68	68				
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	70	70				
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			16	42	20	30				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	0	90	100				
Chattogram Zone Total				1761	1681	389	553	975	975	695	0		
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135	Gas Shortage		
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	80	100	100	100				
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	110	100	100	100				
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	185	221	221				
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	287	257	360	360				
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	260	260	100	260				
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	7	7	7	7				
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	7	12	12	12				
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	0	150	150				
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	6	50	85	85				
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	40				
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100				
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	0	180	180				
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11				
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	0	0	33				
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	0	52				
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	22	22	22				
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.08	200	200	0	0	0	200				
**	Tripura	India		160	160	82	106	88	115				
Cumilla Zone Total				2951	2891	1287	1282	1611	2123	135	0		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	171	167	200	200	35	Gas Shortage		
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20				
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	7	80	80				
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	7	200	200				
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.9	0	2	0				
Mymensingh Zone Total				530	522	199.9	201	502	500	35	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.12.18 (Yesterday)		29.12.18 (Today)		28.12.18 (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)		
78	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	56	57	57	57				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	63	63	63	63				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	47	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	21	21	21				
82	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
84	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	65	69	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	155	138	225	225				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	60	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	134	78	100	130				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	20				
90	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	6	24	50	50				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	0	0	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	14	16	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	315	310	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	966	1106	1309	1369	0	0		
94	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
95	Bheramara 360 MW CCPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	0	200	200	410				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	35	0	40				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	3	17	0	80				
98	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	0	115	115				
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	100	100				
101	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	8	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	52	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	352	692	553	701				
Khulna Zone Total				2223	2209	363	1004	1113	1637	0	0		
103	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
104	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	18	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	18	25	25	25				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	124	203	194	194				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	54	97	95	95				
Barishal Zone Total				472	462	196	343	424	454	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
109	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	50				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	40				
111	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	26	90	100				
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	50	50				
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	35				
116	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
117	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	159	152	220	220				
118	Sirajgonj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	0	0	0	0	141		Gas Shortage	
119	Sirajgonj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0	282		Gas Shortage	
120	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
121	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	5	5				
122	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
123	Rajanka 52 MW	HFO (IPP)	6x8.92	52	52	0	16	43	43				
Rajshahi Zone Total				1556	1546	191	282	541	676	804	0		
124	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.01.18
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	72	74	74	74	11		Coal Shortage	
125	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	149	149	150	150	125		Coal Shortage	
126	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	17				
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	15				
Rangpur Zone Total				564	484	221	223	224	256	136	85		
Sub-total: Plants in operation				17685	17142	5826	7378	11068	12708	2195	85		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						5467	6924	10387	11926				
Gross Total				17685	17142	5826	7378	11068	12708	2195	85		

(B) Actual data of 28.12.18 (Yesterday) Friday :																				
01.	Max. Demand (Generation end)	:	7378.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :														
02.	Max. Demand (Sub-station end)	:	6924.00	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)	:	7378.00	MW, at = 19:00 hrs		Dhaka	2290	2290	0	Mymensingh	537	537	0							
04.	Minimum Generation (Generation end)	:	4760.00	MW, at = 6:00 hrs		Chattogram	775	775	0	Sylhet	293	293	0							
05.	Day-peak Generation (Generation end)	:	5825.90	MW, at = 12:00 hrs		Khulna	924	924	0	Barisal	187	187	0							
06.	Evening-peak Generation (Generation end)	:	7378.00	MW, at = 19:00 hrs		Rajshahi	761	761	0	Rangpur	524	524	0							
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Cumilla	633	633	0	Total	6924	6924	0							
08.	Generation shortfall at evening peak due to :				12.	Fuel cost :	(a) Gas = 85850292 Taka		(c) Coal = 24737455 Taka											
	a) Gas limitation	:	1869	MW			(b) Oil = 26409075 Taka		Total = 136996822 Taka											
	b) Low water level in Kaptai lake	:	190	MW																
	c) Plants under shut down/ maintenance	:	85	MW																
09.	Total Energy (Generation + India Import)	:	139.53	MKWh	13.	Maximum Temperature in Dhaka was : 23.9° C														
	By Gas = 117.203 MKWH			By Oil = 3.869 MKWh	14.	Export through East-West interconnections :														
	By Coal = 5.409 MKWH			By Hydro = 0.981 MKWh		At evening peak-hour : -760 MW, at 19:00 hrs														
	By Solar= 0.125 MKWH					Maximum : -850 MW, at 9:00 hrs														
10.	Total Gas Supplied	:	984.14	MMCFD		Energy : 8.5745 MKWh														

(C) Forecast of 29.12.18 (Today) Saturday :													
01.	Maximum Demand	:	8100	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	12708	MW (Generation end)	05.	Total Generation : 153.18 MKWh							
03.	Maximum Shortage	:	-4608	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 22° C							

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation