



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9544667, 9551095

Month January, 2019			Day : Tuesday						Date : 29.01.19							
Probable Maximum Demand : 8900 MW			Probable Maximum Generation : 12676 MW						Rule Curve = 97.80 ft.							
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 96.50 ft			Today = 96.50 ft.			28.01.19 (Yesterday)			29.01.19 (Today)				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.01.19 (Yesterday)		29.01.19 (Today)		28.01.19 (Yesterday)		29.01.19 (Today)		Status of Machines under shut-down/ Maintenance			
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :	Gen. shortfall for :						
													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	0	0	0	0	40			Gas Shortage			
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	35	35	35	35							
	c) Ghorasal: Unit-3 GT	Gas (PDB)	1 x 210	210	170	137	137	63	270				On Test			
	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 CAPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	335	300	340	340	65			Gas Shortage			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0							
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	0	0	0	0	40			Gas Shortage			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110							
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	290	320	360	360							
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	340	370	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	40	124	210	210							
13	Shiddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	120	150	200	200							
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	0	100	100							
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	14	100	100							
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55							
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100							
21	Gagnagar (Oron)	HFO (IPP)	12x8.924	102	102	102	24	102	102							
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	0	22	22							
23	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	47	51	50	50							
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33							
25	Summit Power, Rugganaj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33							
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	42	42	42	42							
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149							
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	12	40	47	47							
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54							
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	65	12	300	300							
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	30	77	149	149							
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300							
33	Bramhanganj 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	17	17	55	55							
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	55	55	55							
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	31	30	30							
Dhaka Zone Total			6034	5798	2156	2324	4156	4563	555	0						
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	76	80	110	110	150			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	0	0	0	0	180			Gas Shortage			
40	Razzan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25							
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	18.9	0	20	0							
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	50	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	0	0	0	0	150			Gas Shortage			
45	Sikalbaha 225 MW CAPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	150	151	151	151	74			Gas Shortage			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	40	40	40							
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	40	60	60	60							
48	Juldah (Acorn) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	71	84	90	90							
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	58	68	68							
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	70	70							
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22							
*	Malancha, Ctg. EPZ (United)	Gas	5x8.73+3x9.34			2	25	35	35							
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	13	59	93	93							
Chattogram Zone Total			1761	1681	455.9	654	834	814	774	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	0	100	120	120							
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	0	0							
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	36	36	40	40							
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	200	231	221	221							
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	327	305	360	360							
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	260	260	260	260							
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	30	30	55	55							
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	109	73	109							
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	45	45	45							
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	11	71	150	150							
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	5	50	85	85							
64	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	8	0	50							
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100							
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	52	70	200	200							
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22							
68	Feni, Mohpal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11							
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	33	33							
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	17	52	52							
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	0	22	22							
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200							
**	Tripura	India		160	160	92	126	98	117							
Cumilla Zone Total			2951	2891	1247	1618	2052	2357	135	0						
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	185	176	189	189							
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22							
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	87	87	87	87							
	United Jamalpur PPL	HFO (IPP)				0	50	0	0				On Test			
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	100	60	100	200							
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.1	0	2	0							
Mymensing Zone Total			530	522	395.1	395	400	498								

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.01.19 (Yesterday)		29.01.19 (Today)		28.01.19 (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
78	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	30	30	30	30				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	61	61				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	50	50	50				
82	Kushiana 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	130	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	0	11	11				
84	Shajbazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	0	71	66	66				
85	Shajbazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	100	94	0	0				
86	Shajbazar (Shajbazar)	Gas (RPP)	32x2.90	86	86	5	50	86	86				
87	Shajbazar (Energyprima)	Gas (RPP)	27x2.0	50	50	10	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	80	77	100	140				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	20				
90	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	23	23	23	23				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	25	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	260	341	341				
	Bibiana- 3	Gas (PDB)				310	299	319	319			On Test	
Sylhet Zone Total				1594	1549	1066	1281	1386	1446	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	300	380	410	410				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	44	0	44				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	98	20	85				
98	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	19	115	115	115				
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	20	100	100				
101	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	35	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	596	686	590	699				
Khulna Zone Total				2223	2209	990	1488	1380	1644	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	16	111	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	14	15	15	15				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	30	30	30	30				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	95	81	95	95				
Barishal Zone Total				472	462	155	237	250	280	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	50	0	50				
	Paramount Baghabari	HSD (IPP)				0	0	0	0				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	40				
111	Amnura	HFO (QRPP)	7x7.79	50	50	18	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	51	102	100	100				
113	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	6	0	40	40				
114	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	8	50	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	29	29	29				
116	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	0	0	0				
117	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	189	179	220	220	41		Gas Shortage	
118	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	188	179	187	220				
119	Sirajganj 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	18	22	22	22				
121	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	15	15	15	15				
122	Lalapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	52	52	52				
Rajshahi Zone Total				1556	1546	512	729	766	889	494	0		
124	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0			Under Overhauling	20.03.19
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		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	18	16	0	18				
Rangpur Zone Total				564	484	167	165	150	185	210	85		
Sub-total: Plants in operation				17685	17142	7144	8891	11374	12676	2168	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6748	8398	10743	11973				
Gross Total				17685	17142	7144	8891	11374	12676	2168	85		

(B) Actual data of 28.01.19 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	8891.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8398.00	MW, at = 19:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8891.00	MW, at = 19:00 hrs		Dhaka	2974	2974	0	Mymensingh	698	698	0
04.	Minimum Generation (Generation end)	:	5614.00	MW, at = 5:00 hrs		Chattogram	888	888	0	Sylhet	316	316	0
05.	Day-peak Generation (Generation end)	:	7144.00	MW, at = 12:00 hrs		Khulna	1040	1040	0	Barishal	197	197	0
06.	Evening-peak Generation (Generation end)	:	8891.00	MW, at = 19:00 hrs		Rajshahi	985	985	0	Rangpur	599	599	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Cumilla	701	701	0	Total	8398	8398	0
08.	Generation shortfall at evening peak due to :					12.	Fuel cost :		(a) Gas = 89410353 Taka	(c) Coal = 14097492 Taka			
	a) Gas limitation	:	1808	MW			(b) Oil = 153604892 Taka		Total = 103507845 Taka				
	d) Coal supply Limitation	:	210	MW		13.	Maximum Temperature in Dhaka was : 26.6° C						
	b) Low water level in Kaptai lake	:	150	MW		14.	Export through East-West interconnections :						
	c) Plants under shut down/ maintenance	:	85	MW			At evening peak-hour		:-370 MW, at 19:00 hrs				
09.	Total Energy (Generation + India Import)	:	173.13	MKWh			Maximum		:-840 MW, at 24:00				
	By Gas = 129.643 MKWh			By Oil = 22.660 MKWh			Energy : 6.2735 MKWh						
	By Coal = 3.652 MKWh			By Hydro = 1.797 MKWh									
	By Solar = 0.140 MKWh												
10.	Total Gas Supplied	:	1100.05	MMCFD									
(C) Forecast of 29.01.19 (Today) Tuesday :													
01.	Maximum Demand	:	8900	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	12676	MW (Generation end)	05.	Total Generation : 173.30 MKWh							
03.	Maximum Shortage	:	-3776	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 22.9° C							

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation