



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2019		Day : Wednesday				Date : 03.04.19						
Probable Maximum Demand :		9900 MW		Probable Maximum Generation :		14302 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 85.50 ft		Today = 85.32 ft		Rule Curve = 87.60 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.04.19 (Yesterday)		03.04.19 (Today)		02.04.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :	Gen. shortfall for :				
					Day	Evening	Day	Evening	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	36	36	36	36			
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	38	38	38	38			
	c) Ghorasal: Unit-3 GT	Gas (PDB)	1 x 210	210	170	133	94	100	100		On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	0	50	100	100		On Test	
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	110	120	120	120			
2	Ghorasal CAPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	220	240	300			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	105	12	108	108			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	69	40	78	78			
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 CAPP	Gas (IPP)	1x235+1x125	360	360	350	313	360	360			
9	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	405	340	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0			
11	Horipur 412MW CAPP	Gas (EGCB)	1x273+1x139	412	412	353	320	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	190	0	210	210	210	Gas Shortage	
13	Shiddirganj CAPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0	217	Gas Shortage	
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 CAPP (Summit)	HSD/GAS (IPP)	2x110+1x110	305	305	150	160	305	305			
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	0	92	92			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	23	0	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	70	7	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	0	0	19			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	55	25	57	57			
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	24	33	33			
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	0	51	51			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	25	0	149	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	6	49	49			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	31	0	200	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	50	0	149	149			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	200	300			
33	Bramhangaan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
35	Southern Power	HFO (IPP)	3x19.3	55	55	17	0	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	17	0	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	47	0	49	49			
Dhaka Zone Total				6034	5798	2842	1892	4650	4929	572	0	
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	81	80	130	130	150	Water Level Low	
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	110	105	110	110	75	Gas Shortage	
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	150	100	100	100	80	Gas Shortage	
40	Razzan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	16	16	16			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	0	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	50	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	204	203	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	41	41	41	41			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	10	78	78			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	90	70	100	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	80	85	85			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	9	50	72	72			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	22	22			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			2	16	5	15			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	14	26	105	105			
Chattogram Zone Total				1761	1681	780	868	1159	1149	495	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	110	0	0	0			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	80	0	0	0			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	55	100	100			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	31	40	40	40			
55	Ashuganj CAPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	186	184	221	221			
56	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	0	360	360	360			
57	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	360	360	360	360			
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	16	16	16	16			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	35	7	35	35			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	53	0	150	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			
64	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50			
65	Chandpur CAPP	Gas (PDB)	1X106+1x57	163	163	100	0	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	40	0	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	0	22	22			
68	Feni, Mohpal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	0	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	0	0	33			
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	10	0	21	21			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200			
**	Tripura	India		160	160	114	44	134	168			
Cumilla Zone Total				2951	2891	1172	1076	1932	2149	0	0	
73	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	192	147	202	202			
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	87	87			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	106	0	112	112			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	0	200	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.6	0	2	0			
Mymensingh Zone Total				645	637	319.6	174	623	621	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.04.19 (Yesterday)		03.04.19 (Today)		02.04.19 (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)		
79	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	60	30	30	30				
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	50	51	60	60				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	45	0	51	51				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	5	44	44				
83	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	0	8	8				
85	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	20	40	66	66				
86	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	266	150	330	330				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	5	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	32	5	47	47				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	84	0	120	120				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	20				
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	47	0	46	46				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	0	0	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	0	0	0	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	12	340	340				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	824	461	1391	1446	0	0		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
96	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	270	220	410	410				
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	31	35	35				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	2	40	80				
99	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	32	115	115				
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	100	100				
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	24	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	53	90	105	105				
	Modhumati Power Plant	HFO (IPP)				0	0	0	0			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	858	744	869	966				
Khulna Zone Total				2223	2209	1205	1143	1714	1897	0	0		
104	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	26				
105	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	80	80	110	110				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	23	32	28	32				
107	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	179	167	150	190				
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	95	97	95	95				
Barishal Zone Total				472	462	377	376	383	453	0	0		
109	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	
110	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	50				
111	Baghabari 200MW (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	0	0				
112	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	54				
113	Ammura	HFO (QRPP)	7x7.79	50	50	0	0	43	43				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	33	100	100	100				
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	40	40				
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	30				
118	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	193	172	200	200				
119	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	194	132	225	225				
120	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0				
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	418	435	414	414				
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	5	22	22				
123	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	15	3	17	17				
124	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11				
125	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	8	43	43				
	Confidence CPBL-2	HFO (IPP)				91	0	113	113			On Test	
Rajshahi Zone Total				1835	1825	971	863	1278	1412	171	0		
126	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.03.19
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	64	62	62	62	23		Coal Shortage	
127	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	149	149	149	149	125		Coal Shortage	
128	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	17	17				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	18	18				
Rangpur Zone Total				564	484	213	246	246	246	148	85		
Sub-total: Plants in operation				18079	17536	8704	7099	13376	14302	1386	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8452	6770	12990	13889				
Gross Total				18079	17536	8704	7099	13376	14302	1386	85		
(B) Actual data of 02.04.19 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	7099.00	MW, at =	21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	6770.00	MW, at =	21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8721.90	MW, at =	13:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	6766.30	MW, at =	6:00 hrs	Dhaka	2717	2717	0	Mymensingh	369	369	0
05.	Day-peak Generation (Generation end)	:	8703.60	MW, at =	12:00 hrs	Chattogram	1002	1002	0	Sylhet	139	139	0
06.	Evening-peak Generation (Generation end)	:	7099.00	MW, at =	21:00 hrs	Khulna	930	930	0	Barishal	254	254	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs	Rajshahi	930	930	0	Rangpur	254	254	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	5674.20	MW		Cumilla	175	175	0	Total	6770	6770	0
09.	Generation shortfall at evening peak due to :	:				13.	Fuel cost :	(a) Gas = 88937283 Taka	(c) Coal = 23445310 Taka				
	a) Gas limitation	:	1088	MW			(b) Oil = 140787669 Taka	Total = 112382593 Taka					
	d) Coal supply Limitation	:	148	MW		14.	Maximum Temperature in Dhaka was :	32° C					
	b) Low water level in Kaptai lake	:	150	MW		15.	Export through East-West interconnections :						
	c) Plants under shut down/ maintenance	:	85	MW			At evening peak-hour	:	-100	MW, at	21:00 hrs		
10.	Total Energy (Generation + India Import)	:	175.04	MKWh			Maximum	:	-190	MW, at	20:00 hrs		
	By Gas = 131.588 MKWh			By Oil = 17.684 MKWh			Energy	:	0.1175	MKWh			
	By Coal = 5.189 MKWh			By Hydro = 1.842 MKWh									
	By Solar = 0.089 MKWh												
11.	Total Gas Supplied	:	1090.47	MMCFD									
(C) Forecast of 03.04.19 (Today) Wednesday :													
01.	Maximum Demand	:	9900	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14302	MW	(Generation end)	05.	Total Generation	:	198.68	MKWh			
03.	Maximum Shortage	:	-4402	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	30.9° C				

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation