



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2019				Day : Tuesday				Date : 30.04.19							
Probable Maximum Demand : 12300 MW				Probable Maximum Generation : 14391 MW				MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 77.12 ft				Today = 76.64 ft				Rule Curve = 82.20 ft.			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.04.19 (Yesterday)		30.04.19 (Today)		29.04.19 (Yesterday)		30.04.19 (Today)		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	0	0	0	0						
	b) Ghorasal ST-Unit-2	Gas (PDB)	1 x 55	55	45	36	36	36	36						
	c) Ghorasal Unit-3 (Repowering) GT	Gas (PDB)	1 x 210	210	170	0	0	0	0			On Test			
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	180	201	200	200			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	350	310	300	300						
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	51	106	100	100						
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	72	70	70						
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	32	110	110	110						
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	342	351	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	340	325	412	412						
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	90	90	210		Gas Shortage			
13	Siddhirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	130	220	220						
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	0	0						
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	90	100	100						
16	Meghnaghat CCGP (Summit)	GAS/HSD (IPP)	2x110+1x110	305	305	292	250	335	335						
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	40	92	100	100						
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	97	100	100						
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	4	55	55	55						
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	28	90	100	100						
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	70	101	102	102						
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22						
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	50	48	57	57						
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33						
25	Summit Power, Rupganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33						
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	45	50	51	51						
	Gazipur 100 MW	HFO (RPCL)				91	36	100	100			On Test			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	115	149	149	149						
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	12	50	50						
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	30	280	300	300						
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	85	149	149	149						
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	77	300	300						
33	Bramhangao 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	60	100	100						
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	58	100	100						
35	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55						
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	56	55	55						
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	59	59	60	60						
Dhaka Zone Total				6034	5798	2907	4086	4908	4908	660	0				
38	Kaptai Hydro-Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	68	68	100	100	162		Water Level Low			
39	a) Chattogram ST-Unit-1	Gas (PDB)	1 x 210	210	180	100	100	100	100	80		Gas Shortage			
	b) Chattogram ST-Unit-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage			
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	17	0	25	25						
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.1	0	20	0						
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	33	33	46	46						
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	142	145	150	150						
45	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	227	228	225	225						
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	0	8	40	40						
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	50	66	55	55						
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	92	100	100	100						
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	85	85	85						
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	80	80	80						
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	15	15	20	20						
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	10	10	20						
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	84	97	104	104						
Chattogram Zone Total				1761	1681	849.1	1035	1160	1150	462	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	0	0	0	129		Gas Shortage			
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	0	0	134		Gas Shortage			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	23	27	27	27						
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	202	221	221	221						
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	320	301	360	360						
57	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	360	320	360	360						
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	51	30	53	53						
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	147	128	150	150						
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	45	45	45						
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	150	150	150	150						
63	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0						
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	50	0	50						
65	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100						
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	17	200	200						
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	22	22	22						
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11						
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	2	25	33	33						
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	25	43	52	52						
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	12	21	21						
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	100	200	200						
**	Tripura	India		160	160	152	172	150	186						
Cumilla Zone Total				2951	2891	1643	1779	2160	2246	398	0				
73	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	185	150	200	200	52		Gas Shortage			
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	17	17						
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	92	90	95	95						
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	102	111	115	115						
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	105	184	200	200						
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.5	0	2	0						
Mymensingh Zone Total				645	637	503.5	552	629	627	52	0				

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.04.19 (Yesterday)		30.04.19 (Today)		29.04.19 (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	49	53	60	60				
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	40	40	60	60				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	47	50	50				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	46	50	50				
83	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	130	130	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	7	11	11	11				
85	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	31	20	66	66				
86	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	218	217	217	217				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	73	79	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	43	46	46	46				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	81	75	100	120				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	18	0	20				
91	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	39	41	41	41				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	24	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	260	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	1128	1117	1326	1366	0	0		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	16	0	40				
96	Bheramara 360 MW CAPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Under Maintenance	5.5.19
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	25	40	40				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	71	50	80				
99	Khulna CAPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	71	115	115	115				
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	100	100				
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	105	105	105	105				
	Modhumati Power Plant	HFO (IPP)				90	90	108	108			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	853	947	859	957				
Khulna Zone Total				2223	2209	1159	1509	1417	1585	0	410		
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	16	96	110	110				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	24	35	33	33				
107	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	182	176	178	178				
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	90	96	95	95				
Barishal Zone Total				472	462	312	403	416	442	0	0		
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	60	60	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	43	50	50	50				
111	Baghabari 200MW (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
112	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	44	46	46				
113	Amnura	HFO (QRPP)	7x7.79	50	50	6	40	40	40				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	95	90	100	100				
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	37	48	48				
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	25	35	35				
118	Sirajganj CAPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	194	176	200	200				
119	Sirajganj CAPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	162	181	200	200				
120	Sirajganj CAPP-3	Gas (NWPGLCL)	1x141+1x79	220	220	212	189	200	200				
121	Sirajgonj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	340	350	350	350				
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22				
123	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	16	13	17	17				
124	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
125	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	42	49	43	43				
126	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	108	108	108	108				
Rajshahi Zone Total				1948	1938	1250	1435	1780	1780	171	0		
127	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.04.19
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	67	66	68	68	19		Coal Shortage	
128	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	184	184	184	184	90		Coal Shortage	
129	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	17	17				
130	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	17	18	18				
Rangpur Zone Total				564	484	251	284	287	287	109	85		
Sub-total: Plants in operation				18192	17649	10003	12200	14083	14391	1852	495		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9474	11303	13338	13630				
Gross Total				18192	17649	10003	12200	14083	14391	1852	495		

(B) Actual data of 29.04.19 (Yesterday) Monday :										
01.	Max. Demand (Generation end)	:	12200.00	MW,	at =	19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :		
02.	Max. Demand (Sub-station end)	:	11303.00	MW,	at =	19:30 hrs	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12200.00	MW,	at =	19:30 hrs	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	8745.40	MW,	at =	8:00 hrs	Dhaka	4537	4537	0
05.	Day-peak Generation (Generation end)	:	10002.60	MW,	at =	12:00 hrs	Chattogram	1087	1087	0
06.	Evening-peak Generation (Generation end)	:	12200.00	MW,	at =	19:30 hrs	Khulna	1373	1373	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs	Rajshahi	1373	1373	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	8756.60	MW			Cumilla	1030	1030	0
09.	Generation shortfall at evening peak due to :	:								
	a) Gas limitation	:	1581	MW			13.	Fuel cost :	(a) Gas = 98203441 Taka	(c) Coal = 27260774 Taka
	d) Coal supply Limitation	:	109	MW				(b) Oil = 542020436 Taka	Total = 125464215 Taka	
	b) Low water level in Kaptai lake	:	162	MW						
	c) Plants under shut down/ maintenance	:	495	MW						
10.	Total Energy (Generation + India Import)	:	256.81	MKWh			14.	Maximum Temperature in Dhaka was : 36.3° C		
	By Gas = 148.204 MKWh			By Oil = 76.454 MKWh			15.	Export through East-West interconnections :		
	By Coal = 6.131 MKWh			By Hydro = 1.540 MKWh				At evening peak-hour	:	-270 MW, at 19:30 hrs
	By Solar= 0.144 MKWh							Maximum	:	-320 MW, at 1:00 hrs
								Energy	:	1.3055 MKWh
11.	Total Gas Supplied	:	1284.88	MMCFD						

(C) Forecast of 30.04.19 (Today) Tuesday :									
01.	Maximum Demand	:	12300	MW	(Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)
02.	Maximum Generation	:	14391	MW	(Generation end)	05.	Total Generation	:	258.92 MKWh
03.	Maximum Shortage	:	-2091	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	39.1° C

* Captive Power ** Imported Power

#Remarks: Highest Generation 12200MW on 29-04-2019 at 19:30

(MONIRUZAMAN)
Deputy Secretary, Generation