



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2019				Day : Saturday				Date : 27.04.19				
Probable Maximum Demand : 11900 MW				Probable Maximum Generation : 13839 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 78.25 ft				Today = 77.92 ft				
				Rule Curve = 82.80 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.04.19 (Yesterday)		27.04.19 (Today)		26.04.19 (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
(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	78	79	79	79		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	110	110	110	110	80	Gas Shortage	
2	Ghorasal CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	300	300	300			
3	Ghorasal (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	70	110	110			
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	340	350	360	360			
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	430	430	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	117	325	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	100	100	210	Gas Shortage	
13	Siddhirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	0	0			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	15	100	100			
16	Meghnaghat CCGP (Summit)	GAS/HSD (IPP)	2x110+1x110	305	305	305	235	335	335			
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	30	50	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	15	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	30	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	70	100	100			
21	Gagnaganj (Orion)	HFO (IPP)	12x8.924	102	102	0	102	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	14	0	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	37	30	57	57			
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33			
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	16	33	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	24	50	51	51			
	Gazipur 100 MW	HFO (RPCL)				90	90	100	100		On Test	
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	149	149	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	30	49	49			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	54	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	22	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	100	149	149			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	77	300	300			
33	Bramhangaoan 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	51	100	100			
35	Southern Power	HFO (IPP)	3x19.3	55	55	17	55	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	56	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	57	60	60	60			
Dhaka Zone Total				6034	5798	2101	3099	4516	4516	550	0	
38	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	0	66	110	110	164	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	8	25	25	25			
41	Teknaf Soltartech 20MW	Solar (IPP)	1x20	20	20	18.6	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	39	40	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	140	145	150	150			
45	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	220	204	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+3x+1x1.5	51	51	0	0	0	0			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	60	100	100			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	100	100	100	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	83	85	85			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	66	70	70			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	0	0	20			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			9	33	13	33			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	74	104	10	101			
Chattogram Zone Total				1761	1681	734.6	1026	1054	1165	464	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	20	20	23	23			
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	208	181	221	221			
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	300	349	360	360			
57	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	330	360	360	360			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	25	25	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	117	125	125	125			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	35	20	35	35			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	50	150	150	150			
63	Brahmanbaria (Aggreco)	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	0	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	50	17	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	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	25	25	33	33			
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	43	43	43			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	21	21	21			
72	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+1x1.06	200	200	0	0	200	200			
**	Tripara	India		160	160	130	172	137	174			
Cumilla Zone Total				2951	2891	1456	1595	2099	2186	398	0	
73	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	97	101	202	202	101	Gas Shortage	
74	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	60	60	93	93			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	110	110	115	115			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	90	194	200	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.6	0	2	0			
Mymensingh Zone Total				645	637	377.6	485	632	630	101	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.04.19 (Yesterday)		27.04.19 (Today)		26.04.19 (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 CCGP-1	Gas (PDB)	2x32+1x33	97	70	55	54	60	60				
80	Fenchuganj CCGP-2	Gas (PDB)	2x35+1x35	104	90	59	58	60	60				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	53	53	53				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	50	50				
83	Kushiara 163 MW CCGP	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
85	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	58	63	66	66				
86	Shajibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	117	214	217	217				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	77	81	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	44	44	44				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	0	0	120				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	18	20	20				
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	38	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	16	24	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	300	265	341	341				
	Bibiana- 3	Gas (PDB)				287	292	50	285			On Test	
Sylhet Zone Total				1594	1549	1342	1441	1297	1652	0	0		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	40	0	40				
96	Bheramara 360 MW CCGP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Under Maintenance	5.5.19
97	Fairdipur Peaking	HFO (PDB)	8x6.98	54	54	0	20	40	40				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	2	67	50	80				
99	Khulna CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115				
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	30	100	100				
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	40	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	53	90	105	105				
	Modhumati Power Plant	HFO (IPP)				34	90	108	108			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	792	845	861	960				
Khulna Zone Total				2223	2209	905	1337	1419	1588	0	410		
104	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	18	0	26				
105	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	90	110	110				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	24	34	33	33				
107	Bhola CCGP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	178	178	178	178				
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	91	95	95	95				
Barishal Zone Total				472	462	293	415	416	442	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	50	50	50	50				
111	Baghabari 200MW (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	0	0				
112	Bera Peaking	HFO (PDB)	9x8.29	71	71	47	39	40	40				
113	Ammura	HFO (QRPP)	7x7.79	50	50	6	35	35	35				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	85	95	100	100				
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	43	34	48	48				
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	43	40	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	19	34	35	35				
118	Sirajganj CCGP 1	Gas (NWPGL)	1x150+1x75	210	210	158	176	200	200				
119	Sirajganj CCGP 2	Gas (NWPGL)	1x150 + 1x75	220	220	134	160	200	200				
120	Sirajganj CCGP-3	Gas (NWPGL)	1x141+1x79	220	220	172	126	200	200				
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	280	285	282	282				
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	0	22	22	22				
123	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	17	17	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	43	43	43				
126	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	0	108	108	108				
Rajshahi Zone Total				1948	1938	1107	1275	1441	1441	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	0	0	0	0	85		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	14	17	17	17				
130	Syedpur GT	HSD (PDB)	1 x 20	20	20	15	17	18	18				
Rangpur Zone Total				564	484	213	218	219	219	175	85		
Sub-total: Plants in operation				18192	17649	8529	10891	13093	13839	1859	495		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8166	9928	12535	13249				
Gross Total				18192	17649	8529	10891	13093	13839	1859	495		
(B) Actual data of 26.04.19 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	:	10891.00 MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end):								
02.	Max. Demand (Sub-station end)	:	9928.00 MW, at = 19:30 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	:	11297.00 MW, at = 1:00 hrs		Dhaka	3699	3699	0	Mymensingh	841	841	0	
04.	Minimum Generation (Generation end)	:	7760.00 MW, at = 8:00 hrs		Chattogram	1151	1151	0	Sylhet	463	463	0	
05.	Day-peak Generation (Generation end)	:	8529.20 MW, at = 12:00 hrs		Khulna	1076	1076	0	Barishal	283	283	0	
06.	Evening-peak Generation (Generation end)	:	10891.00 MW, at = 19:30 hrs		Rajshahi	1076	1076	0	Rangpur	283	283	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:30 hrs		Cumilla	1056	1056	0					
08.	Actual Minimum Generation up to 8:00 hrs.	:	8240.90 MW						Total	9928	9928	0	
09.	Generation shortfall at evening peak due to :	:		13.	Fuel cost :	(a) Gas = 92780534 Taka	(c) Coal = 17376562 Taka						
	a) Gas limitation	:	1520 MW			(b) Oil = 493026915 Taka	Total = 110157096 Taka						
	d) Coal supply Limitation	:	175 MW		14.	Maximum Temperature in Dhaka was :	36.2° C						
	b) Low water level in Kaptai lake	:	164 MW		15.	Export through East-West interconnections :							
	c) Plants under shut down/ maintenance	:	495 MW			At evening peak-hour	: -260 MW, at 19:30 hrs						
10.	Total Energy (Generation + India Import)	:	230.66 MKWh			Maximum	: -630 MW, at 1:00 hrs						
	By Gas = 136.988 MKWh		By Oil = 65.543 MKWh			Energy	: 3.064 MKWh						
	By Coal = 4.502 MKWh		By Hydro = 1.126 MKWh										
	By Solar = 0.090 MKWh												
11.	Total Gas Supplied	:	1225.63 MMCFD										
(C) Forecast of 27.04.19 (Today) Saturday :													
01.	Maximum Demand	:	11900 MW (Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	13839 MW (Generation end)	05.	Total Generation	:	242.97 MKWh						
03.	Maximum Shortage	:	-1939 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	40.5° C						

* Captive Power ** Imported Power

#Remarks: Highest Generation 12067MW on 25-04-2019 at 21:00

(MONIRUZAMAN)
Deputy Secretary, Generation