



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month June, 2019		Day: Monday				Date: 03.06.19							
Probable Maximum Demand: 11500 MW		Probable Maximum Generation: 15234 MW				Rule Curve = 76.52 ft.							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 73.85 ft		Today = 73.83 ft		02.06.19 (Yesterday)		03.06.19 (Today)		02.06.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	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	40		Gas Shortage	
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	35	35	35	35				
	c) Ghorasal Unit-3 (Repowering) GT	Gas (PDB)	1 x 210	210	170	44	74	0	0			On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	101	100	100	100			On Test	
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	90	110	115	115	80		Gas Shortage	
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	210	280	300	320				
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	40	40				
5	Tongi GT	Gas (PDB)	1 x 105	105	105	40	40	0	0	65		Gas Shortage	
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	40	40	40	40	0		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	211	355	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	300	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	342	350	412	412				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	100	100	210		Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	70	200	200	200	17		Gas Shortage	
14	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100				
15	Meghnaghat CCPP (Summit)	GAS (IPP)	2x110+1x110	305	305	280	290	335	335				
16	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100				
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100				
18	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55				
19	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	0	16	102	102				
21	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	22	22				
22	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+1x4.73	80	80	54	53	58	58				
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	17	33	33	33				
24	Summit Power, Rugganaj	Gas (SIPP, REB)	4x8.73	33	33	8	25	33	33				
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	4	24	50	50				
26	Gazipur 100 MW	HFO (RPCL)	6x18.415	105	105	53	72	100	100				
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	98	149	149				
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	14	49	49	49				
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	17	35	35				
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	0	100	300				
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	22	149	149				
32	APR Energy, Keranigonj	HSD (IPP)	25x1.4	300	300	0	0	100	300				
33	Bramhangan 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	55	55				
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	18	55	55				
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	65	65	65				
Dhaka Zone Total				6039	5803	1930	2805	4207	4827	527	0		
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	35	35	35	35	195		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	100	100		180	Under Maintenance	
	Kaptai Solar	Solar (PDB)				2.6	0	3	0			On Test	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25				
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	17.3	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	12	46	45	45				
43	Sikalbaha 105MW (Baraka Roys)	HFO (IPP)	6x18.415	105	105	18	18	105	105			On Test	
44	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage	
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	130	131	140	140				
46	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	229	231	225	225				
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	16	24	24	24				
	Anwara United	HFO (IPP)				133	136	150	200			On Test	
48	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	10	100	100				
49	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	40	100	100	100				
50	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	68	85	85				
51	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	84	84	84				
52	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	42	15	40				
53	Chattogram ECPZ 108 MW	HFO (IPP)	16x7.00	108	108	0	91	90	90				
Chattogram Zone Total				1866	1786	763.9	1160	1465	1517	315	180		
54	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	80	80	100	100	54		Gas Shortage	
55	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	0	0	0	0				
56	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	185	194	221	221				
57	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	235	300	360	360				
58	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	170	300	360	360				
59	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	56	55	55				
60	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5				
61	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	16	8	16	16				
62	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	5	5	5				
63	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	0	0	150				
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	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	17	17	200	200				
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	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	25	25	33	33				
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	16	52	52				
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	20	20	20				
72	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.51+15x1.05	200	200	0	0	0	200				
**	Tripara	India		160	160	126	164	143	185				
Cumilla Zone Total				2866	2806	1000	1323	1703	2165	318	0		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	148	147	150	150				
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	20	20	20				
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	94	95	95				
76	Jamalpur 115MW (United)	HFO (IPP)	12x8.87	115	115	0	97	100	100				
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	170	100	200				
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.1	0	2	0				
Mymensingh Zone Total				645	637	148.1	528	467	565	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.06.19 (Yesterday)		03.06.19 (Today)		02.06.19 (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	30	56	57	59				
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	44	58	58	58				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	5	51	51				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	5	44	44				
83	Kushiana 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	130	130	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIIP, REB)	4x2.90	11	11	0	11	11	11				
85	Shajibazar GT:Unit-8.9	Gas (PDB)	2x35	70	66	66	63	66	66				
86	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	248	250	330	330				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	80	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	46	46	46				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	74	120	130	130				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	18	18				
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	12	46	50	50				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	23	23	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	250	255	341	341				
	Bibiana- 3	Gas (PDB)				120	249	285	285			On Test	
Sylhet Zone Total				1594	1549	1022	1407	1771	1773	0	0		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	48				
96	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0	410	Under Maintenance	6.6.19	
97	Fardpur Peaking	HFO (PDB)	8x6.98	54	54	0	35	33	33				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	56	50	80				
99	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	120	225	225				
100	Khulna (KPL-2)	HFO (QRPP)	7x17	115	115	0	32	115	115				
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	100				
102	Noapara (Kharjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	32	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	53	105	105				
104	Modhumati Power Plant	HFO (NWPGL)	6x18.415	105	105	17	53	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	788	923	938	938				
Khulna Zone Total				2328	2314	925	1304	1611	1789	0	410		
105	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	26				
106	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	64	110	110				
107	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	27	34	38	38				
108	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	173	149	173	173				
109	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	32	85	95	95				
Barisal Zone Total				472	462	232	332	416	442	0	0		
110	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	50	50	60	60				
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Under transformer Maint.	10.6.19	
111	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	0	50				
112	Baghabari 200MW (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
113	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	35	35				
114	Amnura	HFO (QRPP)	7x7.79	50	50	0	12	50	50				
115	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	48	95	95				
116	Katakali Peaking	HFO (PDB)	6x8.7	50	50	0	0	40	40				
117	Katakali (Northem)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
118	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	0	50	50				
119	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	166	168	200	200				
120	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	145	176	200	200				
121	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	165	175	220	220				
122	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	230	415	414	414				
123	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	0	22	22	22				
124	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	17	17	17				
125	Ullapara (Summit)	Gas (SIIP, REB)	4x2.90	11	11	0	11	11	11				
126	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	16	43	43				
127	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	0	17	50	100				
Rajshahi Zone Total				2080	2070	756	1177	1757	1857	0	100		
128	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0			Under Overhauling	10.6.19
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	68	69	65	65	16	Coal Shortage		
129	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	149	149	199	199	125	Coal Shortage		
130	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	17	17				
	Confidence Rangpur	HFO (IPP)				0	0	0	0			On Test	
131	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	18	18				
Rangpur Zone Total				564	484	217	218	299	299	141	85		
Sub-total: Plants in operation				18454	17911	6994	10254	13696	15234	1301	775		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						6630	9848	12983	14441				
(B) Plant Under long term maintenance													
132	Brahmanbaria (Agreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			Contract expired	
Sub-Total: Plants under long term maintenance				85	85	0	0	0	0				
Gross Total				18539	17996	6994	10254	13696	15234	1301	775		
(C) Actual data of 02.06.19 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	10254.00	MW	at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	9848.00	MW	at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	11290.00	MW	at = 1:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	6809.10	MW	at = 8:00 hrs	Dhaka	3433	3433	0	Mymensingh	751	751	0
05.	Day-peak Generation (Generation end)	:	6994.00	MW	at = 10:00 hrs	Chattogram	1104	1104	0	Sylhet	462	462	0
06.	Evening-peak Generation (Generation end)	:	10254.00	MW	at = 21:00 hrs	Khulna	1262	1262	0	Barisal	294	294	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW	at = 21:00 hrs	Rajshahi	1262	1262	0	Rangpur	294	294	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	6549.90	MW		Cumilla	986	986	0				
09.	Generation shortfall at evening peak due to :	:								Total	9848	9848	0
	a) Gas limitation	:	965	MW		13.	Fuel cost :	(a) Gas = 98236070 Taka	(c) Coal = 23706436 Taka				
	d) Coal supply Limitation	:	141	MW			(b) Oil = 287876796 Taka		Total = 121942506 Taka				
	b) Low water level in Kaptai lake	:	195	MW									
	c) Plants under shut down/ maintenance	:	775	MW		14.	Maximum Temperature in Dhaka was :	30.0° C					
10.	Total Energy (Generation + India Import)	:	209.06	MKWh		15.	Export through East-West interconnections :						
	By Gas = 143.493 MKWh			By Oil = 37.074 MKWh			At evening peak-hour	-170	MW	at 21:00 hrs			
	By Coal = 5.239 MKWh			By Hydro = 0.736 MKWh			Maximum	-320	MW	at 1:00 hrs			
	By Solar= 0.161 MKWh						Energy	1.058	MKWh				
11.	Total Gas Supplied	:	1268.30	MWCFD									
(D) Forecast of 03.06.19 (Today) Monday :													
01.	Maximum Demand	:	11500	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	15234	MW	(Generation end)	05.	Total Generation	:	212.95	MKWh			
03.	Maximum Shortage	:	-3734	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	32.2° C				

* Captive Power ** Imported Power

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(MONIRUZZAMAN)
Deputy Secretary, Generation