



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month June, 2019		Day: Tuesday				Date: 04.06.19							
Probable Maximum Demand: 10500 MW		Probable Maximum Generation: 14915 MW				Rule Curve = 76.78 ft.							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 73.83 ft		Today = 73.79 ft		03.06.19 (Yesterday)		04.06.19 (Today)		03.06.19 (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	0	0	0	0			On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	100	100	100	100			On Test	
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	100	110	110	110	80		Gas Shortage	
2	Ghorasal CAPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	270	300	300	320				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	52	50	50				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	0	0				
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	0	20	20	20				
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110				
8	Horipur Power CAPP	Gas (IPP)	1x235+1x125	360	360	278	338	360	360				
9	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	350	360	450	450				
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage	
11	Horipur 412MW CAPP	Gas (EGCB)	1x273+1x139	412	412	328	346	412	412				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	100	100	210		Gas Shortage	
13	Siddhirganj CAPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	70	70	200	200	147		Gas Shortage	
14	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100				
15	Meghnaghat CAPP (Summit)	GAS (IPP)	2x110+1x110	305	305	285	295	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	24	102	102				
21	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22				
22	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+1x4.73	80	80	43	53	58	58				
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	0	33	33	33				
24	Summit Power, Rugganaj	Gas (SIPP, REB)	4x8.73	33	33	22	22	33	33				
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	50	50	50				
26	Gazipur 100 MW	HFO (RPCL)	6x18.415	105	105	53	53	100	100				
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	16	149	149				
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	9	49	49	49				
29	Kamalaghat Munshiganj (Barco Energy)	HFO (IPP)	3x18.69	54	54	35	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	0	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	2040	2505	4192	4812	657	0		
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	36	34	35	35	196		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	100	100	100	100				
	Kaptai Solar	Solar (PDB)				0.6	0	3	0			On Test	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	16	25	25				
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	6.2	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	46	46	46				
43	Sikalbaha 105MW (Baraka Roys)	HFO (IPP)	6x18.415	105	105	0	70	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	130	140	140				
46	Sikalbaha 225 MW CAPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	205	213	225	225				
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	16	24	24	24				
	Anwara United	HFO (IPP)				120	135	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	10	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	0	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			11	42	42	42				
53	Chattogram ECPZ 108 MW	HFO (IPP)	16x7.00	108	108	0	12	90	90				
Chattogram Zone Total				1866	1786	769.8	1119	1493	1520	316	0		
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	80	80	54		Gas Shortage	
55	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	0	0	0	0				
56	Ashuganj CAPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	196	203	221	221				
57	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	260	280	360	360				
58	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	270	280	360	360				
59	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5				
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	8	8	8	8				
62	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	25	7	25				
63	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	12	0	150				
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50				
65	Chandpur CAPP	Gas (PDB)	1X106+1x57	163	163	50	100	100	100				
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	106	200	200				
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	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	8	25	33	33				
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	8	52	52				
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	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	102	164	143	185				
Cumilla Zone Total				2866	2806	1029	1354	1627	2087	318	0		
73	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	123	148	150	150				
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20				
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	56	95	95				
76	Jamalpur 115MW (United)	HFO (IPP)	12x8.87	115	115	48	99	100	100				
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	0	100	200				
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.7	0	2	0				
Mymensingh Zone Total				645	637	191.7	323	467	565	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.06.19 (Yesterday)		04.06.19 (Today)		03.06.19 (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	20	60	60	60				
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	42	58	58	58				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	53	51	51				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	50	44	44				
83	Kushiana 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	100	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	63	63	66	66				
86	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	242	242	330	330				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	83	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	45	46	46				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	78	80	130	130				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	19	19	19				
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	10	45	45	45				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	9	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	23	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	240	265	341	341				
	Bibiana- 3	Gas (PDB)				200	199	285	285			On Test	
Sylhet Zone Total				1594	1549	1067	1405	1770	1770	0	0		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	45				
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	39	40	40				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	58	50	80				
99	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	120	0	0				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	66	115	115				
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	60	0	100				
102	Noapara (Kharjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	105	105	105				
104	Modhumati Power Plant	HFO (NWPGL)	6x18.415	105	105	0	75	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	935	934	938	938				
Khulna Zone Total				2328	2314	1055	1497	1393	1568	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	66	110	110				
107	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	27	34	34	34				
108	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	148	148	173	173				
109	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	90	97	95	95				
Barisal Zone Total				472	462	265	345	412	438	0	0		
110	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	50	60	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	17	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	50	50	50				
115	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	95	95	95				
116	Katakali Peaking	HFO (PDB)	6x8.7	50	50	0	0	40	40				
117	Katakali (Northern)	HFO (QRPP)	6x8.9	50	50	0	8	50	50				
118	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	45	45	45				
119	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	160	146	200	200				
120	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	171	167	200	200				
121	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	160	168	220	220				
122	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	320	350	414	414				
123	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	3	22	22	22				
124	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	17	17	17	17				
125	Ullapara (Summit)	Gas (SIIP, REB)	4x2.90	11	11	5	8	11	11				
126	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	8	43	45				
127	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	0	17	50	100				
Rajshahi Zone Total				2080	2070	886	1178	1752	1854	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	67	65	67	18	Coal Shortage		
129	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	149	149	199	199	125	Coal Shortage		
130	Rangpur GT	Coal (PDB)	1 x 20	20	20	0	17	17	17				
	Confidence Rangpur	HFO (IPP)				5	0	0	0			On Test	
131	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	18	18				
Rangpur Zone Total				564	484	222	251	299	301	143	85		
Sub-total: Plants in operation				18454	17911	7526	9977	13405	14915	1434	595		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						7126	9531	12694	14124				
(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	7526	9977	13405	14915	1434	595		
(C) Actual data of 03.06.19 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	9977.00	MW	at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	9531.00	MW	at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	10033.00	MW	at = 22:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	6549.90	MW	at = 7:00 hrs	Dhaka	2828	2828	0	Mymensingh	731	731	0
05.	Day-peak Generation (Generation end)	:	7525.50	MW	at = 12:00 hrs	Chattogram	1078	1078	0	Sylhet	436	436	0
06.	Evening-peak Generation (Generation end)	:	9977.00	MW	at = 21:00 hrs	Khulna	1428	1428	0	Barisal	305	305	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW	at = 21:00 hrs	Rajshahi	1428	1428	0	Rangpur	305	305	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	5996.80	MW		Cumilla	992	992	0				
09.	Generation shortfall at evening peak due to :	:								Total	9531	9531	0
	a) Gas limitation	:	1095	MW		13.	Fuel cost :	(a) Gas = 89831680 Taka	(c) Coal = 23909881 Taka				
	d) Coal supply Limitation	:	143	MW			(b) Oil = 235329400 Taka		Total = 113741661 Taka				
	b) Low water level in Kaptai lake	:	196	MW									
	c) Plants under shut down/ maintenance	:	595	MW		14.	Maximum Temperature in Dhaka was :	30.4° C					
10.	Total Energy (Generation + India Import)	:	191.55	MKWh		15.	Export through East-West interconnections :						
	By Gas = 132.843 MKWh			By Oil = 27.196 MKWh			At evening peak-hour :	-360	MW	at	21:00	hrs	
	By Coal = 5.275 MKWh			By Hydro = 0.760 MKWh			Maximum :	-370	MW	at	19:30	hrs	
	By Solar= 0.110 MKWh						Energy :	1.141	MKWh				
11.	Total Gas Supplied	:	1255.54	MMCFD									
(D) Forecast of 04.06.19 (Today) Tuesday :													
01.	Maximum Demand	:	10500	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14915	MW	(Generation end)	05.	Total Generation	:	200.47	MKWh			
03.	Maximum Shortage	:	-4415	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	33.7° C				

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation