



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month June, 2019			Day: Sunday					Date: 02.06.19				
Probable Maximum Demand: 12200 MW			Probable Maximum Generation: 15250 MW					Rule Curve = 76.26 ft.				
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 73.85 ft		Today = 73.85 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.06.19 (Yesterday)		02.06.19 (Today)		01.06.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for : 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	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	94	94	94	94			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	115	115	115	115	75		Gas Shortage
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	300	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	0	0			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	40	40	40	40	65		Gas Shortage
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	40	40	40		Gas Shortage
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	26	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	322	324	360	360			
9	Meghnaghat CCPP	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 CCPP	Gas (EGCB)	1x273+1x139	412	412	337	328	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	226	170	100	217	47		Gas Shortage
14	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	7	100	100			
15	Meghnaghat CCPP (Summit)	Gas (IPP)	2x110+1x110	305	305	290	285	335	335			
16	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	0	7	100	100			
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	15	100	100			
18	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	55	55			
19	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	10	100	100			
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	24	24	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	57	52	58	58			
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33			
24	Summit Power, Rugganaj	Gas (SIPP, REB)	4x8.73	33	33	21	25	33	33			
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	16	49	48	49			
26	Gazipur 100 MW	HFO (RPCL)	6x18.415	105	105	90	90	100	100			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	149	149	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	49	49	49	49			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	35	35	35			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	130	100	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	80	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	17	55	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	37	37	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	50	63	65	65			
Dhaka Zone Total				6039	5803	2630	3124	4199	4937	592	0	
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	37	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	0	0	0	0		180	Under Maintenance
	Kaptai Solar	Solar (PDB)				6.5	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	17.2	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	40	46	45	45			
43	Sikalbaha 105MW (Baraka Roys)	HFO (IPP)	6x18.415	105	105	55	105	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	205	205	225	225			
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	16	24	24	24			
	Anwara United	HFO (IPP)				137	140	150	200			On Test
48	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	40	100	100			
49	Julda (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	100	100	100	100			
50	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	85	85	85			
51	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	83	74	80			
52	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	19	19	19			
*	Malanacha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	42	15	40			
53	Chattogram ECPZ 108 MW	HFO (IPP)	16x7.00	108	108	25	90	90	90			
Chattogram Zone Total				1866	1786	882.7	1269	1355	1413	316	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	168	196	221	221			
57	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	300	360	360	360			
58	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	280	350	360	360			
59	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	3	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	8	16	16	16			
62	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	25	5	25			
63	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	10	0	150			
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	9	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	34	180	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	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	25	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	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	182	149	188			
Cumilla Zone Total				2866	2806	1162	1612	1709	2168	318	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	97	149	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	16	94	95	95			
76	Jamalpur 115MW (United)	HFO (IPP)	12x8.87	115	115	98	95	100	100			
77	Mymensingh 200MW (Limited)	HFO (IPP)	21x9.780	200	200	0	100	200	200			
78	Sarifshabari Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	2	0			
Mymensingh Zone Total				645	637	231	458	467	565	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.06.19 (Yesterday)		02.06.19 (Today)		01.06.19 (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	40	58	57	59				
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	40	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	30	50	44	44				
83	Kushiana 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	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	63	63	66	66				
86	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	284	281	330	330				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	79	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	42	45	46	46				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	75	111	130	130				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	18	18	18				
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	48	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	0	24	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	260	245	341	341				
	Bibiana- 3	Gas (PDB)				200	230	285	285			On Test	
Sylhet Zone Total				1594	1549	1192	1512	1771	1773	0	0		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	32	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	33	33	33				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	66	50	80				
99	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	45	225	225				
100	Khulna (KPLC-2)	HFO (QRPP)	7x17	115	115	66	115	115	115				
101	Bangla Trac (Noopara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	0	100				
102	Noopara (Kharjahan Ail)	HFO (QRPP)	5x8.5	40	40	24	40	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	105	105	105	105				
104	Modhumati Power Plant	HFO (NWPGL)	6x18.415	105	105	53	108	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	943	931	945	945				
Khulna Zone Total				2328	2314	1191	1575	1618	1796	0	410		
105	Barisal GT: Unit-1, 2	HSD (PDB)	2 x 20	40	30	0	24	0	26				
106	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	110	110	110				
107	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	25	38	38	38				
108	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	173	173	173	173				
109	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	94	97	95	95				
Barisal Zone Total				472	462	308	442	416	442	0	0		
110	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	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	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	33	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	91	95	95				
116	Katakali Peaking	HFO (PDB)	6x8.7	50	50	0	37	40	40				
117	Katakali (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
118	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	48	50	50				
119	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	162	185	200	200				
120	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	166	182	200	200				
121	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	175	207	220	220				
122	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	350	350	414	414				
123	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
124	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	17	17	17				
125	Ullapara (Summit)	Gas (SIIP, REB)	4x2.90	11	11	5	11	11	11				
126	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	43	43	43				
127	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	40	108	50	100				
Rajshahi Zone Total				2080	2070	986	1544	1757	1857	0	100		
128	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0				
	b) Barapukuria ST:Unit- 2	Coal (PDB)	1 x 125	125	85	68	65	65	65	20	Under Overhauling	10.6.19	
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)				18	0	0	0			On Test	
131	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	17	18	18				
Rangpur Zone Total				564	484	235	248	299	299	145	85		
Sub-total: Plants in operation				18454	17911	8818	11784	13591	15250	1371	775		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						8508	11332	13114	14714				
(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	8818	11784	13591	15250	1371	775		
(C) Actual data of 01.06.19 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	11784.00	MW	at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	11332.00	MW	at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	11887.00	MW	at = 22:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	6281.80	MW	at = 7:00 hrs	Dhaka	3827	3827	0	Mymensingh	921	921	0
05.	Day-peak Generation (Generation end)	:	8817.70	MW	at = 12:00 hrs	Chattogram	1182	1182	0	Sylhet	469	469	0
06.	Evening-peak Generation (Generation end)	:	11784.00	MW	at = 21:00 hrs	Khulna	1538	1538	0	Barishal	352	352	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW	at = 21:00 hrs	Rajshahi	1538	1538	0	Rangpur	352	352	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	6809.10	MW		Cumilla	1153	1153	0				
09.	Generation shortfall at evening peak due to :	:								Total	11332	11332	0
	a) Gas limitation	:	1030	MW		13.	Fuel cost :	(a) Gas = 101240429 Taka	(c) Coal = 25338355 Taka				
	d) Coal supply Limitation	:	145	MW			(b) Oil = 336530365 Taka	Total = 126578785 Taka					
	b) Low water level in Kaptai lake	:	196	MW									
	c) Plants under shut down/ maintenance	:	775	MW									
10.	Total Energy (Generation + India Import)	:	230.37	MW		14.	Maximum Temperature in Dhaka was :	32.4° C					
	By Gas = 149.438 MKWH			By Oil = 48.445 MKWh		15.	Export through East-West interconnections :						
	By Coal = 5.622 MKWH			By Hydro = 0.794 MKWh			At evening peak-hour :	-280	MW	at	21:00	hrs	
	By Solar= 0.127 MKWH						Maximum :	-280	MW	at	21:00	hrs	
11.	Total Gas Supplied	:	1338.19	MW			Energy :	1.0635	MW				
(D) Forecast of 02.06.19 (Today) Sunday :													
01.	Maximum Demand	:	12200	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	15250	MW	(Generation end)	05.	Total Generation	:	236.43	MW			
03.	Maximum Shortage	:	-3050	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.8° C				

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation