



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month June, 2019		Day: Sunday				Date: 09.06.19						
Probable Maximum Demand :		10500 MW		Probable Maximum Generation : 14411 MW				Rule Curve = 77.82 ft.				
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 73.36 ft		Today = 73.29 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.06.19 (Yesterday)		09.06.19 (Today)		08.06.19 (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)		
(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	0	0	100	100			On Test
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	110	110	110	110	80		Gas Shortage
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	370	300	300			
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	51	108	108	108			
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	20	20	20	20			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	323	354	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	225	225	225	225			
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	359	335	412	412			
12	Shiddirganj ST:Unit-1&2	Gas (EGCB)	2 x 105	210	210	76	160	160	195	50		Gas Shortage
13	Shiddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	217	217	217		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	300	280	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	0	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	28	37	58	58			
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	30	30	33	33			
24	Summit Power, Rugganaj	Gas (SIPP, REB)	4x8.73	33	33	17	17	33	33			
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	49	50	50			
26	Gazipur 100 MW	HFO (RPCL)	6x18.415	105	105	0	53	100	100			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	48	149	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	16	49	49	49			
29	Kamalaghat Munshiganj (Baroo Energy)	HFO (IPP)	3x18.69	54	54	0	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	17	149	149			
32	APR Energy, Keranigonj	HSD (IPP)	25x6.1.4	300	300	0	0	100	300			
33	Bramhangan 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	0	100	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	64	65	65			
Dhaka Zone Total				6039	5803	1890	2435	4302	4737	607	0	
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	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	100	100	100	100			
	Kaptai Solar	Solar (PDB)				4.5	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	14.7	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	6x8.89	50	50	0	35	46	46			
43	Sikalbaha 105MW (Baraka Roys)	HFO (IPP)	6x18.415	105	105	0	54	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	142	130	130	130			
46	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	220	205	225	225			
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	0	24	24	24			
	Anwara United	HFO (IPP)				110	110	110	110			On Test
48	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
49	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	0	100	100	100			
50	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	0	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			
*	Malanacha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			20	42	15	30			
53	Chattogram ECPZ 108 MW	HFO (IPP)	16x7.00	108	108	0	50	90	90			
Chattogram Zone Total				1866	1786	770.2	1029	1416	1408	315	0	
54	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	120	120	120	120	15		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
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	206	195	221	221			
57	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	280	353	360	360			
58	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	300	360	360	360			
59	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	54	55	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	8	8	8			
62	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	35	35	35			
63	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	0	150	150			
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50			
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	96	100	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	105	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	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	114	156	133	175			
Cumilla Zone Total				2866	2806	1255	1595	1885	2177	278	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	144	147	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	70	74	95	95			
76	Jamalpur 115MW (United)	HFO (IPP)	12x8.87	115	115	95	96	100	100			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	50	100	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.5	0	2	0			
Mymensingh Zone Total				645	637	330.5	387	467	565	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.06.19 (Yesterday)		09.06.19 (Today)		08.06.19 (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	0	22	60	60				
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	0	0	104	58				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	0	50	51	51				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	0	50	44	44				
83	Kushiana 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	100	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIIP, REB)	4x2.90	11	11	0	0	11	11				
85	Shajibazar GT:Unit-8.9	Gas (PDB)	2x35	70	66	59	63	66	66				
86	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	249	249	330	330				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	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	123	119	130	130				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	18	19	19				
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	8	47	45	45				
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	0	0	0	0				
	Bibiana- 3	Gas (PDB)				0	297	285	285			On Test	
Sylhet Zone Total				1594	1549	612	1175	1429	1429	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	14.6.19	
97	Fardpur Peaking	HFO (PDB)	8x6.98	54	54	0	42	40	40				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	71	50	80				
99	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	225	225				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	49	115	115				
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	70	0	100				
102	Noapara (Kharjahan Ail)	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	17	106	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	703	944	958	958				
Khulna Zone Total				2328	2314	720	1427	1638	1813	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	48	110	110				
107	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	33	33	33				
108	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	147	148	150	150				
109	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	12	95	95	95				
Barisal Zone Total				472	462	176	324	388	414	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.	20.6.19	
111	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	40	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	48	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	0	50	50				
118	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	42	45	45				
119	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	206	193	200	200				
120	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	204	189	200	200				
121	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0				
122	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	350	310	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	3	14	17	17				
125	Ullapara (Summit)	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11				
126	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	42	43	45				
127	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	0	0	100	100				
Rajshahi Zone Total				2080	2070	848	1021	1582	1634	0	100		
128	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Overhauling	10.6.19	
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Coal Shortage		
129	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	203	160	199	199	114	Coal Shortage		
130	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	17	17				
	Confidence Rangpur	HFO (IPP)				2	0	0	0			On Test	
131	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	15	18	18				
Rangpur Zone Total				564	484	205	192	234	234	199	85		
Sub-total: Plants in operation				18454	17911	6807	9585	13341	14411	1399	595		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						6498	8959	12736	13757				
(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	6807	9585	13341	14411	1399	595		
(C) Actual data of 08.06.19 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	9585.00	MW	at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	8959.00	MW	at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9640.00	MW	at = 23:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	6018.70	MW	at = 8:00 hrs	Dhaka	2572	2572	0	Mymensingh	854	854	0
05.	Day-peak Generation (Generation end)	:	6806.70	MW	at = 12:00 hrs	Chattogram	919	919	0	Sylhet	450	450	0
06.	Evening-peak Generation (Generation end)	:	9585.00	MW	at = 21:00 hrs	Khulna	1260	1260	0	Barisal	310	310	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW	at = 21:00 hrs	Rajshahi	1260	1260	0	Rangpur	310	310	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	6641.60	MW		Cumilla	1024	1024	0				
09.	Generation shortfall at evening peak due to :	:								Total	8959	8959	0
	a) Gas limitation	:	1005	MW		13.	Fuel cost :	(a) Gas = 92425718 Taka	(c) Coal = 18470486 Taka				
	d) Coal supply Limitation	:	199	MW			(b) Oil = 195748745 Taka	Total = 110896204 Taka					
	b) Low water level in Kaptai lake	:	195	MW									
	c) Plants under shut down/ maintenance	:	595	MW									
10.	Total Energy (Generation + India Import)	:	183.52	MW		14.	Maximum Temperature in Dhaka was :	33.5° C					
	By Gas = 130.984 MKWH			By Oil = 25.488 MKWh		15.	Export through East-West interconnections :						
	By Coal = 4.785 MKWH			By Hydro = 0.831 MKWh			At evening peak-hour	: -600 MW, at 21:00 hrs					
	By Solar= 0.140 MKWH						Maximum	: -630 MW, at 20:00 hrs					
11.	Total Gas Supplied	:	1171.46	MW			Energy	: 6.7315 MKWh					
(D) Forecast of 09.06.19 (Today) Sunday :													
01.	Maximum Demand	:	10500	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14411	MW	(Generation end)	05.	Total Generation	:	199.89	MW			
03.	Maximum Shortage	:	-3911	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	35.4° C				

* Captive Power ** Impaired Power
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(MONIRUZZAMAN)
Deputy Secretary, Generation