



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month June, 2019		Day : Thursday				Date : 06.06.19						
Probable Maximum Demand : 9700 MW		Probable Maximum Generation : 14100 MW				Rule Curve = 77.30 ft.						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 73.70 ft		Today = 73.54 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.06.19 (Yesterday)		06.06.19 (Today)		05.06.19 (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	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 CAPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	200	300	300	320			
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	6	32	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	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 CAPP	Gas (IPP)	1x235+1x125	360	360	330	357	360	360			
9	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	320	400	225	225			
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	315	326	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	0	0	0	0	217		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	227	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	19	22	22	22			
22	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+1x4.73	80	80	28	28	58	58			
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	30	33	33			
24	Summit Power, Rugganji	Gas (SIPP, REB)	4x8.73	33	33	6	6	33	33			
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	0	50	50			
26	Gazipur 100 MW	HFO (RPCL)	6x18.415	105	105	0	0	100	100			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	21	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	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	0	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	65	65			
Dhaka Zone Total				6039	5803	1699	1966	3667	4287	767	0	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	38	35	35	192		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)				0.69	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	6.55	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	0	46	46			
43	Sikalbaha 105MW (Baraka Roys)	HFO (IPP)	6x18.415	105	105	0	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	90	130	140	140			
46	Sikalbaha 225 MW CAPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	192	204	225	225			
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	0	25	24	24			
	Anwara United	HFO (IPP)				100	100	100	100			On Test
48	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
49	Juldah (Acorn) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	0	10	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			12	5	42	42			
53	Chattogram ECPY 108 MW	HFO (IPP)	16x7.00	108	108	0	0	90	90			
Chattogram Zone Total				1866	1786	660.24	833	1443	1420	312	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	166	184	221	221			
57	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	230	360	360	360			
58	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	230	360	360	360			
59	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	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	5	25	25			
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 CAPP	Gas (PDB)	1X106+1x57	163	163	51	100	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	88	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	8	11	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	25	33	33			
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	24	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	108	148	130	165			
Cumilla Zone Total				2866	2806	908	1436	1832	2117	318	0	
73	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	106	149	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	48	95	95			
76	Jamalpur 115MW (United)	HFO (IPP)	12x8.87	115	115	0	95	100	100			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	0	100	200			
78	Sarifshabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.6	0	2	0			
Mymensingh Zone Total				645	637	106.6	312	467	565	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.06.19 (Yesterday)		06.06.19 (Today)		05.06.19 (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	35	35	60	60				
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	36	36	58	58				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	22	51	51				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	20	44	44				
83	Kushiana 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	163	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11				
85	Shajibazar GT:Unit-8.9	Gas (PDB)	2x35	70	66	20	31	66	66				
86	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	260	281	330	330				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	40	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	46	46	46				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	79	110	130	130				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	19	19				
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	5	22	45	45				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	0	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	0	0	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	175	250	341	341				
	Bibiana- 3	Gas (PDB)				70	0	285	285			On Test	
Sylhet Zone Total				1594	1549	822	1067	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	14.6.19	
97	Fardpur Peaking	HFO (PDB)	8x6.98	54	54	0	24	40	40				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	0	50	80				
99	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	225	225				
100	Khulna (KPL-2)	HFO (QRPP)	7x17	115	115	0	66	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	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	108	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	507	702	514	713				
Khulna Zone Total				2328	2314	507	1045	1194	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	16	110	110				
107	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	15	28	34	34				
108	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	150	144	173	173				
109	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	22	97	95	95				
Barisal Zone Total				472	462	187	285	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	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 (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
118	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	44	45	45				
119	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	130	181	200	200				
120	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	140	178	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	200	420	414	414				
123	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	5	22	22	22				
124	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	3	17	17	17				
125	Ullapara (Summit)	Gas (SIIP, REB)	4x2.90	11	11	3	5	11	11				
126	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	0	25	43	45				
127	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	0	0	50	100				
Rajshahi Zone Total				2080	2070	531	1029	1532	1634	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	66	66	65	67	19	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	215	215	299	301	144	85		
Sub-total: Plants in operation				18454	17911	5636	8188	12616	14100	1541	595		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						5247	7308	11745	13127				
(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				
Grand Total				18539	17996	5636	8188	12616	14100	1541	595		
(C) Actual data of 05.06.19 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	8188.00	MW	at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	7308.00	MW	at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8188.00	MW	at = 21:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	5491.73	MW	at = 9:00 hrs	Dhaka	2009	2009	0	Mymensingh	712	712	0
05.	Day-peak Generation (Generation end)	:	5635.84	MW	at = 11:00 hrs	Chattogram	719	719	0	Sylhet	361	361	0
06.	Evening-peak Generation (Generation end)	:	8188.00	MW	at = 21:00 hrs	Khulna	1036	1036	0	Barisal	249	249	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW	at = 21:00 hrs	Rajshahi	1036	1036	0	Rangpur	249	249	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	5341.10	MW		Cumilla	937	937	0				
09.	Generation shortfall at evening peak due to :	:								Total	7308	7308	0
	a) Gas limitation	:	1205	MW		13.	Fuel cost :		(a) Gas = 83209385 Taka	(c) Coal = 24004478 Taka			
	d) Coal supply Limitation	:	144	MW					(b) Oil = 134437370 Taka	Total = 107213863 Taka			
	b) Low water level in Kaptai lake	:	192	MW									
	c) Plants under shut down/ maintenance	:	595	MW									
10.	Total Energy (Generation + India Import)	:	159.33	MWWh		14.	Maximum Temperature in Dhaka was : 26.5° C						
	By Gas = 120.502	MWWh		By Oil = 15.765	MWWh	15.	Export through East-West interconnections :						
	By Coal = 5.288	MWWh		By Hydro = 0.836	MWWh		At evening peak-hour		:	-590	MW	at	21:00 hrs
	By Solar= 0.095	MWWh					Maximum		:	-670	MW	at	4:00 hrs
11.	Total Gas Supplied	:	1029.09	MWWh			Energy		:	8.5275	MWWh		
(D) Forecast of 06.06.19 (Today) Thursday :													
01.	Maximum Demand	:	9700	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	14100	MW	(Generation end)	05.	Total Generation : 188.75 MWWh						
03.	Maximum Shortage	:	-4400	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 33.2° C						

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation