



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month June, 2019				Day : Tuesday				Date : 18.06.19				
Probable Maximum Demand : 12000 MW				Probable Maximum Generation : 15306 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 74.54 ft Today = 75.10 ft				Rule Curve = 80.49 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.06.19 (Yesterday)		18.06.19 (Today)		17.06.19 (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 :			
					Day	Evening	Day	Evening	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			
	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	200	200	200	200		On Test	
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	35	0	0	155	Gas Shortage	
2	Ghorasal CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	320	333	360	360			
	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	101	73	108	108			
	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	64	50	66	66			
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	0	20	20			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	55	110	110			
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	340	302	360	360			
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	430	380	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage	
11	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	353	333	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	65	0	100	100			
13	Siddhirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	170	150	200	200	200			
14	Siddhirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	100	100	100			
15	Meghnaghat CCGP (Summit)	GAS (IPP)	2x110+1x110	305	305	300	230	335	335			
16	Meghnaghat (EEL)	HFO (QRPP)	12x8.9	100	100	0	40	100	100			
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	50	100	100			
18	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	55	55	55			
19	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	40	100	100			
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	16	70	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+1x7.73	80	80	47	49	58	58			
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33			
24	Summit Power, Rugganji	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33			
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	48	50	50			
26	Gazipur 100 MW	HFO (RPCL)	6x18.415	105	105	89	107	100	100			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	127	149	149			
28	Katpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	6	49	49			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	54	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	14	150	100	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	102	133	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	100	100			
34	Aourahali 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	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	56	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	66	73	70	70			
Dhaka Zone Total				6039	5803	2958	3469	4590	4990	375	0	
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	38	39	40	40	191	Water Level Low	
39	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	90	90	90	90	90	Gas Shortage	
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	120	120	120	120			
	Kaptai Solar	Solar (PDB)				5.7	0	3	0		On Test	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	25	25	25			
41	Teknat Solartech 20MW	Solar (IPP)	1x20	20	20	14.4	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	13	46	46	46			
43	Sikalbaha 105MW (Baraka Roys)	HFO (IPP)	6x18.415	105	105	17	17	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	0	0	135	135			
46	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	207	201	225	225			
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x19+1x3+1x1.5	51	51	16	24	24	24			
	Anwara United	HFO (IPP)				301	303	300	300		On Test	
48	Jukda (Acom)	HFO (QRPP)	8x13.45	100	100	10	20	100	100			
49	Judah (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	62	68	68			
51	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	85	85	85			
52	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	21	20	20			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			6	19	6	25			
53	Chattogram ECPZ 108 MW	HFO (IPP)	16x7.00	108	108	66	87	100	100			
Chattogram Zone Total				1866	1786	1032.1	1259	1612	1608	321	0	
54	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	100	100	100	100	35	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 CCGP 225 MW	Gas (APSCL)	1x142+1775	221	221	206	218	221	221			
57	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	300	330	360	360			
58	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	300	30	360	360			
59	Ashuganj (Precision)	Gas (RPP)	15'4	55	55	53	20	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+1'116	195	195	35	110	8	8			
62	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	25	35	35	35			
63	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	70	145	150	150			
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	42	0	50			
65	Chandpur CCGP	Gas (PDB)	1x106+1x57	163	163	31	70	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	160	200	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	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	33	25	33	33			
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	34	52	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	19	20	20			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+1x1.05	200	200	0	0	0	200			
**	Tripura	India		160	160	150	163	137	184			
Cumilla Zone Total				2866	2806	1541	1597	1869	2166	298	0	
73	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	141	147	144	144			
74	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	0	20	20			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	76	83	87	87			
76	Jamalpur 115MW (Unlited)	HFO (IPP)	12x9.87	115	115	85	83	100	100			
77	Myensinging 200MW (Unlited)	HFO (IPP)	21x9.780	200	200	7	94	100	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	2	0			
Myensinging Zone Total				645	637	329	407	453	551	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.06.19 (Yesterday)		18.06.19 (Today)		17.06.19 (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	58	56	60	60				
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	58	58	58	58				
81	Fenchuganj (Barakattallah)	Gas (RPP)	19x2.90	51	51	50	46	50	50				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	46	44	44				
83	Kushiana 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
85	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	59	42	66	66				
86	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	0	95	100	100				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	72	79	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	45	45	45				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	109	83	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	44	46	45	45				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	24	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	300	240	341	341				
	Bibiana- 3	Gas (PDB)				251	250	285	285			On Test	
Sylhet Zone Total				1594	1549	1266	1294	1538	1538	0	0		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	32	0	32				
96	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0		410	Under Maintenance	
97	Fandpur Peaking	HFO (PDB)	8x6.98	54	54	0	33	0	38			25.6.19	
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	5	60	0	80				
99	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	40	70	40	225				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	16	115	115	115				
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	97	0	100				
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	70	105	105	105				
104	Modhumati Power Plant	HFO (NWPGL)	6x18.415	105	105	88	102	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	941	940	942	942				
Khulna Zone Total				2328	2314	1160	1594	1347	1782	0	410		
105	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	12	0	26				
106	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	110	110	110				
107	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	28	34	33	33				
108	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	144	144	150	190				
109	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	92	97	95	95				
Barishal Zone Total				472	462	264	397	388	454	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.	
111	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	43	0	50			20.6.19	
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	0	35				
114	Amnura	HFO (QRPP)	7x7.79	50	50	6	40	6	50				
115	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	67	70	95	95				
116	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	44	44				
117	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	16	32	43				
118	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	29	0	28				
119	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	199	181	214	214				
120	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	196	172	220	220				
121	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	199	171	220	220				
122	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	360	320	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	12	12	12	12				
125	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	0	11	11				
126	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	8	8	52	52				
127	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	104	62	100	100				
Rajshahi Zone Total				2080	2070	1236	1239	1702	1870	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	63	63	62	62	22		Coal Shortage	
129	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	199	249	250	250	25		Coal Shortage	
130	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	17				
	Confidence Rangpur	HFO (IPP)				1	16	0	0			On Test	
131	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	18				
Rangpur Zone Total				564	484	263	346	312	347	47	0		
Sub-total: Plants in operation				18454	17911	10049	11602	13811	15306	1041	510		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9638	11498	13246	14679				
(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	10049	11602	13811	15306	1041	510		
(C) Actual data of 17.06.19 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	11602.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	11498.00	MW, at = 19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	11602.00	MW, at = 19:30 hrs	MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	8670.00	MW, at = 8:00 hrs	Dhaka	4335	4335	0	Mymensingh	703	703	0	
05.	Day-peak Generation (Generation end)	:	10049.10	MW, at = 12:00 hrs	Chattogram	1212	1212	0	Sylhet	481	481	0	
06.	Evening-peak Generation (Generation end)	:	11602.00	MW, at = 19:30 hrs	Khulna	1485	1485	0	Barishal	351	351	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs	Rajshahi	1485	1485	0	Rangpur	351	351	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	7556.30	MW	Cumilla	1095	1095	0					
09.	Generation shortfall at evening peak due to :	:							Total	11498	11498	0	
	a) Gas limitation	:	803	MW	13.	Fuel cost :							
	d) Coal supply Limitation	:	47	MW		(a) Gas =	108610144	Taka	(c) Coal =	30170911	Taka		
	b) Low water level in Kaptai lake	:	191	MW		(b) Oil =	471294676	Taka	Total =	138781054	Taka		
	c) Plants under shut down/ maintenance	:	510	MW									
10.	Total Energy (Generation + India Import)	:	260.02	MKWh	14.	Maximum Temperature in Dhaka was : 35.0° C							
	By Gas = 156.835	MKWh	By Oil = 68.907	MKWh	15.	Export through East-West interconnections :							
	By Coal = 6.926	MKWh	By Hydro = 0.820	MKWh		At evening peak-hour	:	210	MW, at	19:30 hrs			
	By Solar= 0.175	MKWh				Maximum	:	-320	MW, at	4:00 hrs			
11.	Total Gas Supplied	:	1282.35	MMCFD		Energy	:	1.295	MKWh				
(D) Forecast of 18.06.19 (Today) Tuesday :													
01.	Maximum Demand	:	12000	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	15306	MW (Generation end)	05.	Total Generation : 268.94 MKWh							
03.	Maximum Shortage	:	-3306	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 38.5° C							

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

(MONIRUZZAMAN)
Deputy Secretary, Generation