



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month June, 2019				Day : Friday				Date : 14.06.19			
Probable Maximum Demand : 11000 MW				Probable Maximum Generation : 14629 MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 72.85 ft				Today = 72.63 ft			
				Rule Curve = 79.41 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.06.19 (Yesterday)		14.06.19 (Today)		13.06.19 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		
					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		
	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	0	0	0	190	Gas Shortage
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	350	350	360	360		
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	104	104	108	108		
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	67	45	72	72		
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	110	110	110		
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	340	303	360	360		
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	225	225	370	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	339	328	412	412		
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	157	140	180	180		
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	172	172	170	200	200		
14	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	50	100	100		
15	Meghnaghat CCPP (Summit)	GAS (IPP)	2x110+1x110	305	305	285	270	335	335		
16	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	4	94	100	100		
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	38	100	100		
18	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	55	55	55		
19	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	40	100	100		
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	40	101	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+7x1.73	80	80	49	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	33	33	33	33		
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	49	50	50		
26	Gazipur 100 MW	HFO (RPCL)	6x18.415	105	105	90	89	100	100		
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	125	145	149	149		
28	Katpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	49	49	49		
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54		
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	95	100	300		
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	149	149	149	149		
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	100	300		
33	Bramhangoan 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	55	55	55	55		
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	55	55	55		
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	28	39	70	70		
Dhaka Zone Total				6039	5803	3072	3586	4596	5076	410	0
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	36	36	40	40	194	Water Level Low
39	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	100	100	0	0	80	Gas Shortage
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	100	100	100	100		
	Kaptai Solar	Solar (PDB)				6.5	0	3	0		On Test
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	16	25	25	25		
41	Teknat Solartech 20MW	Solar (IPP)	1x20	20	20	9.5	0	20	0		
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	36	47	47	47		
43	Sikalbaha 105MW (Baraka Roys)	HFO (IPP)	6x18.415	105	105	92	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	132	130	135	135		
46	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	223	205	225	225		
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x13+1x3+1x1.5	51	51	16	25	24	24		
	Anwara United	HFO (IPP)				0	50	0	110		On Test
48	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	100	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	68	68	68		
51	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	74	60	81		
52	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	18	21	20	20		
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	37	15	30		
	Chattogram ECPZ 108 MW	HFO (IPP)	16x7.00	108	108	90	104	100	105		
Chattogram Zone Total				1866	1786	977	1327	1187	1315	314	0
54	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	80	125	125	55	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+1775	221	221	213	215	221	221		
57	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	360	325	360	360		
58	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	280	300	360	360		
59	Ashuganj (Precision)	Gas (RPP)	15'4	55	55	50	53	55	55		
60	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	0	0	0	0		
61	Ashuganj Modular 195 MW	Gas (IPP)	20'9.73+1'116	195	195	8	8	73	73		
62	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	40	35	35		
63	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	12	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	95	95	100	100		
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	200	200	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	5	8	11	11		
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	16	16	33	33		
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	52	52	52	52		
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	19	20	20		
72	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+1x1.05	200	200	0	0	0	200		
**	Tripura	India		160	160	166	184	182	185		
Cumilla Zone Total				2866	2806	1572	1629	1999	2252	318	0
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	141	146	150	150		
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	20	20		
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	77	96	95	95		
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	90	95	100	100		
77	Myensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	122	180	100	200		
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.3	0	2	0		
Myensingh Zone Total				645	637	448.3	537	467	565	0	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.06.19 (Yesterday)		14.06.19 (Today)		13.06.19 (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	56	56	60	60						
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	57	57	58	58						
81	Fenchuganj (Barakattullah)	Gas (RPP)	19x2.90	51	51	47	53	51	51						
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	49	44	44						
83	Kushara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	130	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	62	66	66						
86	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	170	170	170	170						
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	69	81	86	86						
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	43	10	46	46						
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	125	103	130	130						
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	18	19	19						
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	43	47	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	0	0	0	0						
	Bibiana- 3	Gas (PDB)				287	250	285	285			On Test			
Sylhet Zone Total				1594	1549	1229	1131	1269	1269	0	0				
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	32	0	32						
96	Bheramara 300 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0		410	Under Maintenance	25.6.19		
97	Fandpur Peaking	HFO (PDB)	8x6.98	54	54	0	37	0	31						
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	57	0	80						
99	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	70	40	225						
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	99	115	115	115						
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	0	100						
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	32	32	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	86	87	105	105						
**	Bheramara HVDC Interconnector	India		1000	1000	687	931	946	950						
Khulna Zone Total				2328	2314	1009	1566	1351	1783	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	32	110	110	110						
107	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	24	39	33	33						
108	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	146	144	150	150						
109	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	94	97	95	95						
Barishal Zone Total				472	462	296	390	388	414	0	0				
110	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	50	0	0						
	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	43	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	32	0	35						
114	Amnura	HFO (QRPP)	7x7.79	50	50	33	40	50	50						
115	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	46	95	95	95						
116	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	44	40	40						
117	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	43	50	50						
118	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	36	0	45						
119	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	195	184	49	180						
120	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	196	182	208	180						
121	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	200	191	0	180						
122	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	360	350	0	350						
123	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	21	22	0	22						
124	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	16	16	0	17						
125	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	0	11						
126	Rajjanka 52 MW	HFO (IPP)	6x8.92	52	52	25	52	43	45						
127	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	108	108	100	100						
Rajshahi Zone Total				2080	2070	1263	1499	835	1650	0	100				
128	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0			Under Overhauling	14.6.19		
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	66	64	70	70		21	Coal Shortage			
129	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	199	199	200	200		75	Coal Shortage			
130	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	17						
	Confidence Rangpur	HFO (IPP)				3	0	0	0			On Test			
131	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	15	0	18						
Rangpur Zone Total				564	484	268	295	270	305	96	85				
Sub-total: Plants in operation				18454	17911	10134	11960	12362	14629	1138	595				
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9703	11338	11836	14006						
(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	10134	11960	12362	14629	1138	595				
(C) Actual data of 13.06.19 (Yesterday) Thursday :															
01.	Max. Demand (Generation end)	:	11960.00	MW, at =	21:00 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	11338.00	MW, at =	21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	:	11983.00	MW, at =	23:00 hrs	Dhaka	3978	3978	0	Mymensingh	961	961	0		
04.	Minimum Generation (Generation end)	:	8682.00	MW, at =	8:00 hrs	Chattogram	1115	1115	0	Sylhet	519	519	0		
05.	Day-peak Generation (Generation end)	:	10134.30	MW, at =	12:00 hrs	Khulna	1491	1491	0	Barishal	351	351	0		
06.	Evening-peak Generation (Generation end)	:	11960.00	MW, at =	21:00 hrs	Rajshahi	1491	1491	0	Rangpur	351	351	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs	Cumilla	1081	1081	0						
08.	Actual Minimum Generation up to 8:00 hrs.	:	8423.20	MW		Total							11338	11338	0
09.	Generation shortfall at evening peak due to :	:				13. Fuel cost :									
	a) Gas limitation	:	848	MW		(a) Gas = 109379523 Taka			(c) Coal = 28147631 Taka						
	d) Coal supply Limitation	:	96	MW		(b) Oil = 467752821 Taka			Total = 137527154 Taka						
	b) Low water level in Kaptai lake	:	194	MW		14. Maximum Temperature in Dhaka was :							37.7° C		
	c) Plants under shut down/ maintenance	:	595	MW		15. Export through East-West interconnections :									
10.	Total Energy (Generation + India Import)	:	251.51	MKWh		At evening peak-hour							-380	MW, at	21:00 hrs
	By Gas = 155.786	MKWh		By Oil =	67.951	MKWh	Maximum				-860	MW, at	24:00		
	By Coal = 6.413	MKWh		By Hydro =	0.831	MKWh	Energy				4.5065	MKWh			
	By Solar= 0.107	MKWh													
11.	Total Gas Supplied	:	1326.63	MMCFD											
(D) Forecast of 14.06.19 (Today) Friday :															
01.	Maximum Demand	:	11000	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation	:	14629	MW	(Generation end)	05.	Total Generation	:	230.88	MKWh					
03.	Maximum Shortage	:	-3629	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	37.7° C						

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)

Deputy Secretary, Generation