



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month June, 2019		Day: Monday				Date: 24.06.19						
Probable Maximum Demand: 12800 MW		Probable Maximum Generation: 15144 MW				Rule Curve = 82.11 ft.						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 77.53 ft		Today = 77.53 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.06.19 (Yesterday)		24.06.19 (Today)		23.06.19 (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			
	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	219	229	229	229		On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	150	150	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	240	240	0	0			
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	71	0	108	108			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	50	50			
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	0	0	0	0	40	Gas Shortage	
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	26	26	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	341	302	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	420	430	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	339	338	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	40	40			
13	Siddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0			
14	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	97	100	100			
15	Meghnaghat CCPP (Summit)	GAS (IPP)	2x110+1x110	305	305	300	272	300	300			
16	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	7	100	100	100			
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	13	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	50	100	100			
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	48	64	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+1x4.73	80	80	53	57	58	58			
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
24	Summit Power, Rugganaj	Gas (SIPP, REB)	4x8.73	33	33	16	33	33	33			
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	33	49	50	50			
26	Gazipur 100 MW	HFO (RPCL)	6x18.415	105	105	89	106	105	105			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	48	125	149	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	49	49	49			
29	Kamalaghat Munshiganj (Baroo Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	14	45	100	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	149	149	149	149			
32	APR Energy, Keraniganj	HSD (IPP)	25x6.14	300	300	0	0	0	300			
33	Bramhangaan 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	55	55	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	54	53	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	63	51	70	70			
Dhaka Zone Total				6039	5803	2885	3282	3833	4533	450	0	
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	71	69	70	70	161	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	120	120	120	120			
	Kaptai Solar	Solar (PDB)				0	0	3	0		On Test	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.6	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	46	46	46	46			
43	Sikalbaha 105MW (Baraka Roys)	HFO (IPP)	6x18.415	105	105	0	0	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	85	130	130	130			
46	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	210	205	210	225			
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	16	33	32	33			
	Anwara United	HFO (IPP)				250	261	300	300		On Test	
48	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	100	100	100	100			
49	Juldah (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	33	68	68			
51	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	82	85	85			
52	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	18	21	21	21			
	* Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	27	10	35			
53	Chattogram ECPZ 108 MW	HFO (IPP)	16x7.00	108	108	80	96	100	100			
Chattogram Zone Total				1866	1786	1152.6	1448	1645	1663	281	0	
54	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	125	125	125	125	10	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	150	215	221	221			
57	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	235	220	360	360			
58	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	360	360	360			
59	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	53	54	55	55			
60	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	0	5	5			
61	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	54	55	55	55			
62	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	35	35	40	40			
63	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	140	0	150			
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50			
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	30	90	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	180	200	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	22	22			
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	5	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	25	25			
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	52	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	20	20	20			
72	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.51+15x1.05	200	200	0	0	0	200			
**	Tripura	India		160	160	146	168	143	187			
Cumilla Zone Total				2866	2806	1455	1785	1794	2238	273	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	139	143	150	150			
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	56	84	85	85			
76	Jamalpur 115MW (United)	HFO (IPP)	12x8.87	115	115	0	96	100	100			
77	Mymensingh 200MW (Limited)	HFO (IPP)	21x9.780	200	200	0	180	100	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0			
Mymensingh Zone Total				645	637	217.1	525	459	557	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.06.19 (Yesterday)		24.06.19 (Today)		23.06.19 (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	54	54	54	54				
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	50	70	70	70				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	53	51	51				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
83	Kushiana 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	130	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	59	61	66	66				
86	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	310	305	300	330				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	78	80	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	44	46	46				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	120	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	43	46	47	47				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	8	10	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x3.34	25	25	24	24	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	320	341	341				
	Bibiana- 3	Gas (PDB)				250	292	285	285			On Test	
Sylhet Zone Total				1594	1549	1601	1660	1748	1778	0	0		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	30	0	30				
96	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0		410	Under Maintenance	25.6.19
97	Fardpur Peaking	HFO (PDB)	8x6.98	54	54	0	22	0	40				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	60	0	80				
99	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	130	165	120	225				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	7	115	115	115				
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	62	0	100				
102	Noapara (Kharjahan Ail)	HFO (QRPP)	5x8.5	40	40	32	40	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	72	105	105	105				
104	Modhumati Power Plant	HFO (NWPGL)	6x18.415	105	105	105	86	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	916	914	930	930				
Khulna Zone Total				2328	2314	1262	1599	1415	1770	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	110	110	110				
107	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	24	36	33	33				
108	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	120	120	120	120				
109	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	90	95	95	95				
Barisal Zone Total				472	462	234	361	358	384	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.	30.6.19
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	26	0	35				
114	Amnura	HFO (QRPP)	7x7.79	50	50	6	33	33	33				
115	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	63	95	0	95				
116	Katakali Peaking	HFO (PDB)	6x8.7	50	50	0	44	40	40				
117	Katakali (Northem)	HFO (QRPP)	6x8.9	50	50	8	43	32	40				
118	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	29	0	30				
119	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	169	173	214	214				
120	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	166	164	220	220				
121	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	170	170	220	220				
122	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	400	360	414	414				
123	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
124	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	14	14	14				
125	Ullapara (Summit)	Gas (SIIP, REB)	4x2.90	11	11	5	11	11	11				
126	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	50	52	52				
127	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	108	108	100	100				
Rajshahi Zone Total				2080	2070	1194	1452	1632	1850	0	100		
128	a) Baragurkura ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0				
	b) Baragurkura ST:Unit - 2	Coal (PDB)	1 x 125	125	85	67	65	63	63		20	Coal Shortage	
129	Baragurkura ST:Unit - 3	Coal (PDB)	1 x 274	274	274	240	240	250	250		34	Coal Shortage	
130	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	17				
	Confidence Rangpur	HFO (IPP)				13	17	23	23			On Test	
131	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	18				
Rangpur Zone Total				564	484	320	339	336	371	54	0		
Sub-total: Plants in operation				18454	17911	10321	12451	13220	15144	1058	510		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						9929	11757	12719	14570				
(B) Plant Under long term maintenance													
132	Brahmanbaria (Aggreko)	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	10321	12451	13220	15144	1058	510		
(C) Actual data of 23.06.19 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	12451.00	MW	at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	11757.00	MW	at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12451.00	MW	at = 21:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	8882.26	MW	at = 7:00 hrs	Dhaka	4319	4319	0	Mymensingh	959	959	0
05.	Day-peak Generation (Generation end)	:	10320.70	MW	at = 12:00 hrs	Chattogram	1271	1271	0	Sylhet	521	521	0
06.	Evening-peak Generation (Generation end)	:	12451.00	MW	at = 21:00 hrs	Khulna	1456	1456	0	Barisal	334	334	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW	at = 21:00 hrs	Rajshahi	1456	1456	0	Rangpur	334	334	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	9290.50	MW		Cumilla	1107	1107	0				
09.	Generation shortfall at evening peak due to :	:								Total	11757	11757	0
	a) Gas limitation	:	843	MW		13.	Fuel cost :	(a) Gas = 106681136 Taka	(c) Coal = 31985041 Taka				
	d) Coal supply Limitation	:	54	MW				(b) Oil = 486229256 Taka	Total = 138666177 Taka				
	b) Low water level in Kaptai lake	:	161	MW									
	c) Plants under shut down/ maintenance	:	510	MW		14.	Maximum Temperature in Dhaka was :	36.1° C					
10.	Total Energy (Generation + India Import)	:	261.31	MW		15.	Export through East-West interconnections :						
	By Gas = 155.385 MKWH			By Oil = 70.976 MKWH			At evening peak-hour	: -310	MW	at	21:00	hrs	
	By Coal = 7.390 MKWH			By Hydro = 1.601 MKWH			Maximum	: -340	MW	at	20:00	hrs	
	By Solar= 0.194 MKWH						Energy	: 1.0565	MW				
11.	Total Gas Supplied	:	1396.49	MW									
(D) Forecast of 24.06.19 (Today) Monday :													
01.	Maximum Demand	:	12800	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	15144	MW	(Generation end)	05.	Total Generation	:	268.63	MW			
03.	Maximum Shortage	:	-2344	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	36.8° C				

* Captive Power ** Impaired Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation