



**Bangladesh Power Development Board**  
**DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation  
Tel: 9584667, 9551095

Month June, 2019		Day: Thursday				Date: 20.06.19							
Probable Maximum Demand: 12700 MW		Probable Maximum Generation: 15226 MW				Rule Curve = 80.76 ft.							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 75.42 ft		Today = 75.42 ft		19.06.19 (Yesterday)		20.06.19 (Today)		19.06.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	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)			
<b>(A) Plants in operation:</b>													
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	0	30	30	30				
	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	150	190	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	0	320	255	255				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	102	106	108	108				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	63	63	70	70				
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				
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	26	55	110	110				
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	335	338	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	430	450	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	351	347	412	412				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0				
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	213	180	20	20				
14	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	50	100	100				
15	Meghnaghat CCPP (Summit)	GAS (IPP)	2x110+1x110	305	305	188	260	335	335				
16	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	15	55	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	10	55	55	55				
19	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	5	50	100	100				
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	64	70	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	52	53	58	58				
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	16	33	33	33				
24	Summit Power, Rugganaj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	35	0	50	50				
26	Gazipur 100 MW	HFO (RPCL)	6x18.415	105	105	106	106	100	100				
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	80	125	149	149				
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	13	48	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	5	114	100	300				
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	110	149	149	149				
32	APR Energy, Keranigonj	HSD (IPP)	25x1.4	300	300	0	0	0	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	35	55	55	55				
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	35	55	55				
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	67	70	70	70				
<b>Dhaka Zone Total</b>				<b>6039</b>	<b>5803</b>	<b>2667</b>	<b>3551</b>	<b>3919</b>	<b>4619</b>	<b>410</b>	<b>0</b>		
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	38	38	40	40	192		Water Level Low	
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	100	5	100	100	175		Gas Shortage	
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	120	120	120	120				
	Kaptai Solar	Solar (PDB)				5.8	0	3	0			On Test	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	13	8	25	25				
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	12.5	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	45	47	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	130	90	135	135				
46	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	205	204	210	225				
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	33	32	32				
	Anwara United	HFO (IPP)				304	304	300	300			On Test	
48	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	70	10	100	100				
49	Juldah (Acorn) 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	70	85	85				
52	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	20	20				
	* Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	30	6	25				
53	Chattogram ECPZ 108 MW	HFO (IPP)	16x7.00	108	108	38	32	100	100				
<b>Chattogram Zone Total</b>				<b>1866</b>	<b>1786</b>	<b>1238.3</b>	<b>1180</b>	<b>1615</b>	<b>1626</b>	<b>407</b>	<b>0</b>		
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 CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	183	200	221	221				
57	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	300	300	360	360				
58	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	360	360	360				
59	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	51	53	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	16	16	16	16				
62	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	40	40	40	40				
63	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	50	133	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	50	50	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	19	22	22	22				
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	8	11	11				
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	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+40x1.51+15x1.05	200	200	0	0	0	200				
**	Tripara	India		160	160	158	152	136	181				
<b>Cumilla Zone Total</b>				<b>2866</b>	<b>2806</b>	<b>1608</b>	<b>1743</b>	<b>1731</b>	<b>2176</b>	<b>298</b>	<b>0</b>		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	140	140	144	144				
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	22	21	21				
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	84	85	87	87				
76	Jamalpur 115MW (United)	HFO (IPP)	12x8.87	115	115	94	93	100	100				
77	Mymensingh 200MW (Limited)	HFO (IPP)	21x9.780	200	200	81	180	100	200				
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0				
<b>Mymensingh Zone Total</b>				<b>645</b>	<b>637</b>	<b>422.1</b>	<b>520</b>	<b>454</b>	<b>552</b>	<b>0</b>	<b>0</b>		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.06.19 (Yesterday)		20.06.19 (Today)		19.06.19 (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	56	60	60				
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	57	57	58	58				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	53	53	50	50				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	49	50	50				
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	11	11	11	11				
85	Shajibazar GT:Unit-8.9	Gas (PDB)	2x35	70	66	59	59	66	66				
86	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	20	251	300	330				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	78	80	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	43	45	45	45				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	110	120	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	47	45	45				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x3.34	25	25	16	16	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	265	300	341	341				
	Bibiana- 3	Gas (PDB)				291	288	285	285			On Test	
<b>Sylhet Zone Total</b>				<b>1594</b>	<b>1549</b>	<b>1324</b>	<b>1542</b>	<b>1744</b>	<b>1774</b>	<b>0</b>	<b>0</b>		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	28	0	32				
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	32	0	38				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	40	0	80				
99	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	120	120	225				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	49	99	115	115				
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	0	100				
102	Noapara (Kharjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	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	70	87	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	932	925	945	945				
<b>Khulna Zone Total</b>				<b>2328</b>	<b>2314</b>	<b>1281</b>	<b>1576</b>	<b>1430</b>	<b>1785</b>	<b>0</b>	<b>410</b>		
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	27	37	33	33				
108	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	172	172	172	190				
109	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	97	98	95	95				
<b>Barisal Zone Total</b>				<b>472</b>	<b>462</b>	<b>296</b>	<b>429</b>	<b>410</b>	<b>454</b>	<b>0</b>	<b>0</b>		
110	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	55	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	27	0	35				
114	Amnura	HFO (QRPP)	7x7.79	50	50	6	33	6	50				
115	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	68	93	95	95				
116	Katakali Peaking	HFO (PDB)	6x8.7	50	50	0	44	44	44				
117	Katakali (Northem)	HFO (QRPP)	6x8.9	50	50	8	8	32	43				
118	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	28	0	28				
119	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	196	169	214	214				
120	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	194	160	220	220				
121	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	196	181	220	220				
122	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	420	408	414	414				
123	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22				
124	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	11	12	12				
125	Ullapara (Summit)	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11				
126	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	50	50	52	52				
127	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	108	108	100	100				
<b>Rajshahi Zone Total</b>				<b>2080</b>	<b>2070</b>	<b>1335</b>	<b>1458</b>	<b>1702</b>	<b>1870</b>	<b>0</b>	<b>100</b>		
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	63	63	62	62		22	Coal Shortage	
129	Baragurkura ST:Unit - 3	Coal (PDB)	1 x 274	274	274	249	240	250	250		34	Coal Shortage	
130	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	17				
	Confidence Rangpur	HFO (IPP)				25	20	23	23			On Test	
131	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	16	0	18				
<b>Rangpur Zone Total</b>				<b>564</b>	<b>484</b>	<b>337</b>	<b>356</b>	<b>335</b>	<b>370</b>	<b>56</b>	<b>0</b>		
<b>Sub-total: Plants in operation</b>				<b>18454</b>	<b>17911</b>	<b>10508</b>	<b>12355</b>	<b>13340</b>	<b>15226</b>	<b>1171</b>	<b>510</b>		
<b>Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss</b>						<b>10028</b>	<b>11661</b>	<b>12730</b>	<b>14530</b>				
<b>(B) Plant Under long term maintenance</b>													
132	Brahmanbaria (Agreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			Contract expired	
<b>Sub-Total: Plants under long term maintenance</b>				<b>85</b>	<b>85</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>				
<b>Gross Total</b>				<b>18539</b>	<b>17996</b>	<b>10508</b>	<b>12355</b>	<b>13340</b>	<b>15226</b>	<b>1171</b>	<b>510</b>		
<b>(C) Actual data of 19.06.19 (Yesterday) Wednesday :</b>													
01.	Max. Demand (Generation end)	:	12355.00	MW	at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	11661.00	MW	at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12398.00	MW	at = 24:00		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	9067.20	MW	at = 7:00 hrs	Dhaka	4337	4337	0	Mymensingh	929	929	0
05.	Day-peak Generation (Generation end)	:	10508.40	MW	at = 12:00 hrs	Chattogram	1031	1031	0	Sylhet	500	500	0
06.	Evening-peak Generation (Generation end)	:	12355.00	MW	at = 21:00 hrs	Khulna	1533	1533	0	Barishal	351	351	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW	at = 21:00 hrs	Rajshahi	1533	1533	0	Rangpur	351	351	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	8883.80	MW		Cumilla	1096	1096	0				
09.	Generation shortfall at evening peak due to :	:								<b>Total</b>	<b>11661</b>	<b>11661</b>	<b>0</b>
	a) Gas limitation	:	923	MW		13.	Fuel cost :	(a) Gas = 108922299 Taka	(c) Coal = 32436996 Taka				
	d) Coal supply Limitation	:	56	MW			(b) Oil = 451532177 Taka	Total = 141359296 Taka					
	b) Low water level in Kaptai lake	:	192	MW									
	c) Plants under shut down/ maintenance	:	510	MW									
10.	Total Energy (Generation + India Import)	:	261.53	MWWh		14.	Maximum Temperature in Dhaka was :	36.6° C					
	By Gas = 160.621 MKWh			By Oil = 66.559 MKWh		15.	Export through East-West interconnections :						
	By Coal = 7.536 MKWh			By Hydro = 0.800 MKWh			At evening peak-hour :	-340	MW	at	21:00 hrs		
	By Solar= 0.157 MKWh						Maximum	-340	MW	at	21:00 hrs		
11.	Total Gas Supplied	:	1401.94	MWCFD			Energy	1.6555	MWWh				
<b>(D) Forecast of 20.06.19 (Today) Thursday :</b>													
01.	Maximum Demand	:	12700	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	15226	MW	(Generation end)	05.	Total Generation	:	267.90	MWWh			
03.	Maximum Shortage	:	-2526	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	36.0° C				

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

(MONIRUZZAMAN)  
Deputy Secretary, Generation