



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month : July, 2017		Day : Sunday				Date : 02.07.17							
Probable Maximum Demand :		9250 MW		Probable Maximum Generation :		9885 MW							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 102.66 ft		Today = 102.76 ft.		Rule Curve = 84.16 ft.							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated Present Capacity (MW)	01.07.17 (Yesterday)		02.07.17 (Today)		01.07.17 (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 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	0	0	0		40	Under Maintenance	06.07.17
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	33	33	33	33				
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	175	175	175	175				
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	180	120	120	120				
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under Overhauling	05.07.17
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128x0.85	100	100	16	79	80	80				
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	26	43	42	45				
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	22	87	80	95				
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	60	40	70				
6	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0				
7	Hoirpur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	0	0				
8	Hoirpur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	13	110	110				
9	Hoirpur Power CCPP	Gas (IPP)	1x235+1x125	360	360	100	347	330	300				
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	400	425	450	450				
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	0	0	0	0		110	Under Maintenance	03.07.17
12	Hoirpur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	400	370	412	412				
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	180	190	100	50	20		Gas Shortage	
	Siddhirganj CCPP-335 MW GT	Gas (EGCB)				0	0	0	0			On Test	
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100				
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	40	90	90				
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	48	50				
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	305	305				
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	45	91	91				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	46	55	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	15	55	55				
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	20	50	93	93				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	24	50	93	93				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	21	21	21	21				
24	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	39	47	42	55				
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33				
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	23	26	20	33				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	42	42	42				
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	65	122	149	149				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	18	42	42				
30	Southern Power	HFO (IPP)	3x19.3	55	55	36	36	55	55				
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	18	55	55				
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	25	93	93				COD 22.02.2017
<b>Dhaka Zone Total</b>				<b>4644</b>	<b>4443</b>	<b>1930</b>	<b>2576</b>	<b>3454</b>	<b>3495</b>	<b>20</b>	<b>340</b>		
33	Kaptai Hydro:Unit -1,2,3,4	Hydro (PDB)	2x40, 3x50	180	180	170	180	178	165				
34	a) Chittagong ST:Unit -1	Gas (PDB)	1 x 210	210	180	0	0	0	0				
	b) Chittagong ST:Unit -2	Gas (PDB)	1 x 210	210	180	0	120	130	120				
35	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	17	26	25	25				
36	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	25	42	42	42				
37	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage	
38	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0				
	Sikalbaha 225 MW GT	Gas (PDB)				150	0	0	0			On Test	
39	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	42	33	51				
40	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	56	74	85	85				
41	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	15	49	15	70				
42	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	60	0	60				
43	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	21	21				
*	Malancha, Ctg,EPZ (Unired)	Gas	5x8.73+3x9.34			5	40	10	40				
44	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	45	103	100	105				
<b>Chittagong Zone Total</b>				<b>1366</b>	<b>1286</b>	<b>536</b>	<b>757</b>	<b>639</b>	<b>784</b>	<b>40</b>	<b>0</b>		
45	a) Ashuganj ST: Unit-2	Gas (APSCL)	1 x 64	64	53	0	0	0	0		53	Under Maintenance	05.07.17
	b) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0		135	Under Maintenance	04.07.17
	c) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	100	100	100	100				
	d) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	100	100	100	100				
46	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	33	33	30	33				
47	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	195	197	203	221				
48	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	200	230	180	230				
	Ashuganj CCPP(North)	Gas (APSCL)				220	240	200	240			On Test	
49	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5				
50	Ashuganj (Unired)	Gas (QRPP)	14x4.00	53	53	5	5	5	5				
51	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	9				
53	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	5	5	5				
54	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	5	75	10	75				
55	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50				
56	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	50	90	70	80				
57	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19				
58	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	8	8	8				
59	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	8	31	30				
60	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
61	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	16	22	22	22				
**	Tripura	India		100	100	98	130	110	158				
<b>Comilla Zone Total</b>				<b>2045</b>	<b>1974</b>	<b>1064</b>	<b>1275</b>	<b>1158</b>	<b>1442</b>	<b>0</b>	<b>188</b>		
62	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	205	206	191	150				
63	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	20	22	22				
64	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	95	95	95				COD on 29.11.16
<b>Mymensing Zone Total</b>				<b>327</b>	<b>319</b>	<b>235</b>	<b>321</b>	<b>308</b>	<b>267</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)	01.07.17 (Yesterday)		02.07.17 (Today)		01.07.17 (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 limitation MW	Machines shut down (MW)		
65	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	80	60	60	60	60				
66	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	62	0	44	60				
67	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	50	45	50				
68	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	7	44	44	44				
69	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8				
70	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	63	40	66	66				
71	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	277	280	208	280				
72	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	83	86	86				
73	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	48	50	48				
74	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	88	117	50	117	25		Gas Shortage	
75	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	18	19	20				
76	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	6	45	45	45				
77	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	7	7	7	7				
78	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	25				
79	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	280	341	341				
<b>Sylhet Zone Total</b>				<b>1431</b>	<b>1396</b>	<b>897</b>	<b>1104</b>	<b>1097</b>	<b>1257</b>	<b>25</b>	<b>0</b>		
80	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	46	0	45				
Bheramara 360 MW CCPP (NWPGL)						280	285	260	285				
81	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	42	0	42				
82	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	60	30	75				
83	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	210	210	210				
84	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	21	98	110	110				
85	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	66	99	115	115				
86	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	31	30	45				
87	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	16	40	40	40				
**	Bheramara HVDC Interconnector	India		500	500	496	495	495	495				
<b>Khulna Zone Total</b>				<b>1273</b>	<b>1259</b>	<b>999</b>	<b>1406</b>	<b>1290</b>	<b>1462</b>	<b>0</b>	<b>0</b>		
88	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	15	0	15				
89	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	110	110	110	110				
90	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	7	18	14	18				
91	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	195	195	195	194				
<b>Barisal Zone Total</b>				<b>377</b>	<b>367</b>	<b>312</b>	<b>338</b>	<b>319</b>	<b>337</b>	<b>0</b>	<b>0</b>		
92	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	60	60	65	65				
93	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	32	0	33				
94	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	40	0	50				
95	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
Chapainawabganj-100 MW						8	53	44	55			On Test	
96	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	40	0	40				
97	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	8	50	48	50				
98	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	34	0	35				
99	Sirajganj CCPP	Gas (NWPGL)	1x150+1x75	210	210	200	214	200	210				
100	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
101	Bogra (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	4	4	4	4				
102	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
103	Rajanka 52 MW	HFO (IPP)	6x8.92	52	52	8	49	50	50				
<b>Rajshahi Zone Total</b>				<b>709</b>	<b>699</b>	<b>371</b>	<b>659</b>	<b>494</b>	<b>675</b>	<b>0</b>	<b>0</b>		
104	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	100	81	81	71	81				
104	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	100	74	70	70	70				
105	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	0				
106	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	15	0	15				
<b>Rangpur Zone Total</b>				<b>290</b>	<b>240</b>	<b>155</b>	<b>166</b>	<b>141</b>	<b>166</b>	<b>0</b>	<b>0</b>		
<b>Sub-total: Plants in operation</b>				<b>12462</b>	<b>11983</b>	<b>6499</b>	<b>8602</b>	<b>8900</b>	<b>9885</b>	<b>85</b>	<b>528</b>		
<b>Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss</b>						<b>6059</b>	<b>8019</b>	<b>8297</b>	<b>9215</b>				
<b>(B) Plants under long term maintenance :</b>													
1 (f)	Ghorasal ST:Unit-6	Gas (PDB)	1 x 210	210	190	0	0	0	0	190		Under repowering process	Uncertain
92(b)	Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Under Maintenance	15.07.17
33(a)	Kaptai Hydro:Unit-5	Hydro (PDB)	2x40, 3x50	50	50	0	0	0	0	50		Under Maintenance	Uncertain
52	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	95	0	0	0	0	95		Contract Expired	Uncertain
107	Bheramara (Quantum)	HSD (RPP)	12x8.5+2x6+2x13	105	105	0	0	0	0	105		Old machines	Uncertain
108	Thakurgaon (RZ)	HSD (RPP)	20x1.5+21x1.1	47	0	0	0	0	0	0			Uncertain
109	Khulna ST 110 MW	HFO (PDB)	1 x 110	110	55	0	0	0	0	55		Old machines	Uncertain
<b>Sub-total: Plants under long term maintenance</b>				<b>717</b>	<b>595</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>595</b>		
<b>Gross Total</b>				<b>13179</b>	<b>12578</b>	<b>6499</b>	<b>8602</b>	<b>8900</b>	<b>9885</b>	<b>85</b>	<b>1123</b>		
<b>(D) Actual data of 01.07.17 (Yesterday) Monday :</b>													
01.	Max. Demand (Generation end)	:	8602.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8019.00	MW, at = 21:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	:	8602.00	MW, at = 21:00 hrs	Dhaka	2738	2738	0	Mymensingh	639	639	0	
04.	Minimum Generation (Generation end)	:	5897.00	MW, at = 7:00 hrs	Chittagong	907	907	0	Sylhet	367	367	0	
05.	Day-peak Generation (Generation end)	:	6499.00	MW, at = 12:00 hrs	Khulna	1071	1071	0	Barisal	188	188	0	
06.	Evening-peak Generation (Generation end)	:	8602.00	MW, at = 21:00 hrs	Rajshahi	861	861	0	Rangpur	474	474	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs	Comilla	774	774	0	Total	8019	8019	0	
08.	Generation shortfall at evening peak due to :				12.	Fuel cost :	(a) Gas = 61903292	Taka	(c) Coal = 14140270	Taka			
	a) Gas limitation	:	85	MW		(b) Oil = 310454599	Taka	Total = 386498162	Taka				
	b) Low water level in Kaptai lake	:	0	MW	13.	Maximum Temperature in Dhaka was :	32.4° C						
	c) Plants under shut down/ maintenance	:	1123	MW	14.	Export through East-West interconnections :							
09.	Total Energy (Generation + India Import)	:	169.65	MKWh		At evening peak-hour	:	-300	MW, at	21:00 hrs			
	By Gas = 114.81	MKWh		By Oil = 32.25	MKWh	Maximum	:	300	MW, at	19:00 hrs			
	By Coal = 3.63	MKWh		By Hydro = 4.19	MKWh	Energy	:	7.8675	MKWh				
10.	Total Gas Supplied	:	1029.31	MMCFD									
<b>(E) Forecast of 02.07.17 (Today) Sunday :</b>													
01.	Maximum Demand	:	9250	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	9885	MW (Generation end)	05.	Total Generation	:	170.00	MKWh				
03.	Maximum Shortage	:	-635	MW (Generation end)	06.	Probable Max. Temperature in Dhaka	:	33.6° C					

\* Captive Power \*\* Imported Power

#Remarks: Highest Generation 9479MW on 07-06-2017 at 21:00

(MONIRUZZAMAN)  
Deputy Secretary, Generation