



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month : August, 2017			Day : Saturday				Date : 05.08.17						
Probable Maximum Demand : 9500 MW			Probable Maximum Generation : 10346 MW				Rule Curve = 90.28 ft.						
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 105.36 ft		Today = 105.51 ft		04.08.17 (Yesterday)		05.08.17 (Today)		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 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	40	40	40					
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	0	0	35	35	45	Gas Shortage		
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	120	120	120	120	50	Gas Shortage		
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	120	120	120	120	60	Gas Shortage		
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under Overhauling	30.08.17
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128X0.85	100	100	82	92	96	100				
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	0	0	45	45				
4	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	62	89	90	90				
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	67	55	69	69				
6	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0				
7	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	20	20	20	20				
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	27	96	96				
9	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	231	346	301	300	14	Gas Shortage		
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	425	430	450	450				
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	110	115	110	115				
12	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	410	380	412	412				
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	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	63	80	80	80				
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	11	11	50	50				
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	200	200	305	305				
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	84	70	90	93				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	48	32	80	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55				
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	40	96	100	100				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	92	92	90	92				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	22	19	19				
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	47	58	58	58				
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	42	42	43				
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	132	132	132	149				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	18	12	42	42				
30	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55				
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	37	55	55				
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	51	51	100	103		COD 22.02.2017		
<b>Dhaka Zone Total</b>				<b>4644</b>	<b>4443</b>	<b>2758</b>	<b>2945</b>	<b>3523</b>	<b>3577</b>	<b>379</b>	<b>190</b>		
33	Kaptai Hydro:Unit -1,2,3,4	Hydro (PDB)	2x40, 3x50	180	180	162	170	170	170				
34	a) Chittagong ST:Unit -1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage		
	b) Chittagong ST:Unit -2	Gas (PDB)	1 x 210	210	180	90	90	90	100	90	Gas Shortage		
35	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	26	25	25				
36	Patenga 50MW (Barakattullah)	HFO (IPP)	8x6.89	50	50	18	45	45	45				
37	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	4	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)				91	150	130	135		On Test		
39	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	16	41	42	42				
40	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	80	80	80	80				
41	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	80	17	85				
42	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	86	17	86				
43	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	21	21	21				
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			16	38	25	15				
44	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	18	94	90	98				
<b>Chittagong Zone Total</b>				<b>1366</b>	<b>1286</b>	<b>531</b>	<b>921</b>	<b>752</b>	<b>902</b>	<b>310</b>	<b>0</b>		
45	a) Ashuganj ST: Unit-2	Gas (APSCL)	1 x 64	64	53	0	0	25	25		53	Was Under Maintenance	
	b) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0		135	Under Overhauling	17.08.17
	c) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	135	150	150	150				
	d) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	63	135				
46	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	37	37	38	40				
47	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	183	202	221	221				
48	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	230	310	360	360				
49	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	5	130	150	360		On Test		
50	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	10	20	55	55				
51	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	3	3	5	15				
52	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	15	25	73				
53	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	5	5	5				
54	Brahambaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	10	85	41	85				
55	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	49	0	50				
56	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	90	90	90	90	73	Gas Shortage		
57	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	21	21				
58	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	10	10	11	11				
59	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	33	33	33				
60	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	34	52	52				
61	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	22	21	22	22				
**	Tripura	India		100	100	106	146	117	158				
<b>Comilla Zone Total</b>				<b>2405</b>	<b>2334</b>	<b>883</b>	<b>1361</b>	<b>1484</b>	<b>1961</b>	<b>73</b>	<b>188</b>		
62	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	103	102	143	102	100	Gas Shortage		
63	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	0	22	22				
64	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	72	95	95	95		COD on 29.11.16		
<b>Mymensingh Zone Total</b>				<b>327</b>	<b>319</b>	<b>197</b>	<b>197</b>	<b>260</b>	<b>219</b>	<b>100</b>	<b>0</b>		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.08.17 (Yesterday)		05.08.17 (Today)		04.08.17 (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 CAPP-1	Gas (PDB)	2x32+1x33	97	80	70	70	70	70				
66	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	0	50				
67	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	14	50	50	50				
68	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	15	44	44	44				
	Kushiara 163 MW Fenchuganj	Gas				109	109	109	109				
69	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	5	8	8	8				
70	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	62	63	66	66				
71	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	163	167	200	250				
72	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	84	10	86				
73	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	10	48	50	50				
74	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	118	80	120	134	62		Gas Shortage	
75	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	18	18	18				
76	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
77	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	7	7	7				
78	Shahjanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24				
79	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	275	300	341	341				
	<b>Sylhet Zone Total</b>			<b>1431</b>	<b>1396</b>	<b>953</b>	<b>1132</b>	<b>1117</b>	<b>1307</b>	<b>62</b>	<b>0</b>		
80	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	16	30	46				
81	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278	278	278	103	103	105	105	175		Gas Shortage	
82	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	35	22	42				
83	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	26	20	75				
84	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	105	235	230	230				
85	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	76	99	83	110				
86	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	99	115	99	99				
87	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	31	40	41	41				
88	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	40	40	40				
**	Bheramara HVDC Interconnector	India		500	500	492	492	495	495				
	<b>Khulna Zone Total</b>			<b>1551</b>	<b>1537</b>	<b>914</b>	<b>1201</b>	<b>1165</b>	<b>1283</b>	<b>175</b>	<b>0</b>		
89	Barisal GT: Unit-1, 2	HSD (PDB)	2 x 20	40	30	13	27	28	28				
90	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	97	110	110	110				
91	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	14	28	20	29				
92	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	80	131	127	130				
	<b>Barisal Zone Total</b>			<b>377</b>	<b>367</b>	<b>204</b>	<b>296</b>	<b>285</b>	<b>297</b>	<b>0</b>	<b>0</b>		
93	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
94	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	32	32	32				
95	Bera Peaking	HFO (PDB)	9x8.29	71	71	42	41	32	37				
96	Amnura	HFO (QRPP)	7x7.79	50	50	40	40	40	42				
	Chapainawabganj-100 MW	HFO (PDB)				0	72	0	73			On Test	
97	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	22	35	32	50				
98	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50				
99	Santahar Peaking	HFO (PDB)	6x8.7	50	50	30	34	34	34				
100	Sirajganj CAPP	Gas (NWPGL)	1x150+1x75	210	210	200	200	203	203				
101	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
102	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	6	6	6	6				
103	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	8	11				
104	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	43	43	52	52				
	<b>Rajshahi Zone Total</b>			<b>809</b>	<b>799</b>	<b>463</b>	<b>586</b>	<b>511</b>	<b>612</b>	<b>171</b>	<b>0</b>		
105	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	100	75	74	75	75				
	b) Barapukuria ST:Unit-2	Coal (PDB)	1 x 125	125	100	82	79	83	83				
106	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	12	0	12				
107	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	17	18	18				
	<b>Rangpur Zone Total</b>			<b>290</b>	<b>240</b>	<b>157</b>	<b>182</b>	<b>176</b>	<b>188</b>	<b>0</b>	<b>0</b>		
	<b>Sub-total: Plants in operation</b>			<b>13200</b>	<b>12721</b>	<b>7060</b>	<b>8821</b>	<b>9273</b>	<b>10346</b>	<b>1270</b>	<b>378</b>		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						<b>6567</b>	<b>8205</b>	<b>8625</b>	<b>9624</b>				

(B) Plants under long term maintenance :														
1 (f)	Ghorasal ST:Unit-6	Gas (PDB)	1 x 210	210	0	0	0	0	0	0	0	0	Under repowering process	Uncertain
33(a)	Kaptai Hydro:Unit-5	Hydro (PDB)	2x40, 3x50	50	50	0	0	0	0	0	0	50	Under Maintenance	Uncertain
108	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	0	0	0	0	0	0	0	0	Contract Expired	Uncertain
	<b>Sub-total: Plants under long term maintenance</b>			<b>355</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50</b>		
	<b>Gross Total</b>			<b>13555</b>	<b>12771</b>	<b>7060</b>	<b>8821</b>	<b>9273</b>	<b>10346</b>	<b>1270</b>	<b>428</b>			

(D) Actual data of 04.08.17 (Yesterday) Monday :														
01.	Max. Demand (Generation end)	:	8821.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	8205.00	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)	:	8911.00	MW, at = 23:00 hrs		Dhaka	3225	3225	0	Mymensingh	556	556	0	
04.	Minimum Generation (Generation end)	:	6802.00	MW, at = 11:00 hrs		Chittagong	865	865	0	Sylhet	399	399	0	
05.	Day-peak Generation (Generation end)	:	7060.00	MW, at = 12:00 hrs		Khulna	929	929	0	Barisal	180	180	0	
06.	Evening-peak Generation (Generation end)	:	8821.00	MW, at = 21:00 hrs		Rajshahi	793	793	0	Rangpur	413	413	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Comilla	845	845	0	<b>Total</b>	<b>8205</b>	<b>8205</b>	<b>0</b>	
08.	Generation shortfall at evening peak due to :					12.	Fuel cost :	(a) Gas = 70456502 Taka	(c) Coal = 14296515 Taka					
	a) Gas limitation	:	1270	MW			(b) Oil = 464558622 Taka	<b>Total = 549311639 Taka</b>						
	b) Low water level in Kaptai lake	:	0	MW		13.	Maximum Temperature in Dhaka was :	33.8° C						
	c) Plants under shut down/ maintenance	:	428	MW		14.	Export through East-West interconnections :							
09.	Total Energy (Generation + India Import)	:	186.21	MKWWh			At evening peak-hour	:	-360	MW, at	21:00 hrs			
	By Gas = 116.29			MKWWh			Maximum	:	-160	MW, at	8:00 hrs			
	By Coal = 3.67			MKWWh			Energy	:	7.8675	MKWWh				
10.	Total Gas Supplied	:	976.37	MMCFD										

(E) Forecast of 05.08.17 (Today) Saturday :													
01.	Maximum Demand	:	9500	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	10346	MW (Generation end)	05.	Total Generation	:	186.00	MKWWh				
03.	Maximum Shortage	:	-846	MW (Generation end)	06.	Probable Max. Temperature in Dhaka	:	34.8° C					

\* Captive Power \*\* Imported Power

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

(MONIRUZZAMAN)  
Deputy Secretary, Generation