



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month: December, 2017			Day : Wednesday				Date : 06.12.17						
Probable Maximum Demand : 8100 MW			Probable Maximum Generation : 9506 MW				Rule Curve = 105.55 ft.						
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 103.36 ft		Today = 103.23 ft		05.12.17 (Yesterday)		06.12.17 (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	35	35	0	0				
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	38	38	35	35				
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Gas Shortage		
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage		
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	210	210	210	210				
	Ghorasal CAPP-Unit-7	Gas (PDB)				0	0	0	0		On Test		
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128X0.85	100	100	32	92	85	92				
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	32	45	45	45				
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	44	98	80	100				
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	20	40	78	78				
6	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0		105	Under Maintenance	31.12.17
7	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	40	40	40	40				
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	83	84				
9	Horipur Power CAPP	Gas (IPP)	1x235+1x125	360	360	261	290	360	360				
10	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	380	455	450	450				
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	110	110	110	110				
12	Horipur 412MW CAPP	Gas (EGCB)	1x273+1x139	412	412	370	410	412	412				
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	61	65	65	65	145	Gas Shortage		
	Siddhirganj CAPP-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	70	80	83				
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	30	21	50	50				
17	Meghnaghat CAPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	305	305				
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	74	100	100				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	13	13	100	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	30	49	55	55				
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	70	80	80				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	70	90	102				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	16	16	16				
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	47	47	58	58				
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	22	31	31	33				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	25	43	43	43				
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	32	82	132	132				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	0	35	42				
	Banco Energy 54MW	HFO (IPP)				18	18	0	0		On Test		
30	Southern Power	HFO (IPP)	3x19.3	55	55	17	36	55	55				
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	37	55	55				
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	24	93	64	94			COD 22.02.2017	
<b>Dhaka Zone Total</b>			<b>4644</b>	<b>4408</b>	<b>1971</b>	<b>2731</b>	<b>3535</b>	<b>3617</b>	<b>495</b>	<b>105</b>			
33	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	125	175	175	175				
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	0	0	0	0	180	Gas Shortage		
35	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	26	26	25	25				
36	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	38	44	35	45				
37	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage		
38	Shikalbaha Peaking GT	HSD (PDB)	1 x 150	150	150	0	0	0	0				
	Sikalbaha 225 MW GT	HSD (PDB)				0	0	0	0		On Test		
39	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	16	51	51	51				
40	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	68	88	70	88				
41	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	34	102	17	102				
42	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	33	85	0	85				
43	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20				
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			3	5	3	5				
44	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	85	93	90	92				
<b>Chittagong Zone Total</b>			<b>1416</b>	<b>1336</b>	<b>448</b>	<b>689</b>	<b>486</b>	<b>688</b>	<b>400</b>	<b>0</b>			
45	a) Ashuganj ST: Unit-2	Gas (APSCL)	1 x 64	64	53	0	0	0	0		53	Under Maintenance	12.12.17
	b) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	148	148	148	148				
	c) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	150	150	150	150				
	d) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	0	135		134	Was Under Maintenance	
46	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	43	43	38	43				
47	Ashuganj CAPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	0	21	221	221				
48	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	300	310	360	360				
49	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0		360	Under Maintenance	07.12.17
50	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	10	57	30	55				
51	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	10	53	30	53				
52	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	105	77	68	77				
53	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	51	6	51				
54	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	11	85	60	85				
55	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	42				
56	Chandpur CAPP	Gas (PDB)	1X106+1x57	163	163	90	62	60	60				
57	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	21	21				
58	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	3	11	11	11				
59	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33				
60	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	42	43				
61	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	16	20	22	24				
**	Tripura	India		160	160	70	122	97	123				
<b>Comilla Zone Total</b>			<b>2465</b>	<b>2394</b>	<b>1013</b>	<b>1262</b>	<b>1397</b>	<b>1735</b>	<b>0</b>	<b>547</b>			
62	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	144	163	164	164	39	Gas Shortage		
63	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22				
64	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	95	95	95				
65	Saishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.8	0	2	0			COD on 03.08.17	
<b>Mymensingh Zone Total</b>			<b>330</b>	<b>322</b>	<b>173.8</b>	<b>280</b>	<b>283</b>	<b>281</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)	05.12.17 (Yesterday)		06.12.17 (Today)		05.12.17 (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)		
66	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	69	70	69	70				
67	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30				
68	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	14	48	42	48				
69	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	15	49	44	44				
70	Kushiara 163 MW Fenchuganj	Gas (IPP)	1x109	109	109	30	70	109	109			COD on 25.07.17	
71	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
72	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	61	56	67	66				
73	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	86	86	0	86				
74	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	89	60	86				
75	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	10	47	40	50				
76	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	58	87	90	120				
77	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0		20	Under Overhauling	25.12.17
78	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	0	10				
79	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	21	24	20	24				
80	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	265	260	341	341				
<b>Sylhet Zone Total</b>				<b>1490</b>	<b>1445</b>	<b>687</b>	<b>937</b>	<b>923</b>	<b>1095</b>	<b>0</b>	<b>20</b>		
81	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
82	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278	278	278	417	434	278	278				
83	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	0	0	44				
84	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	62	0	66				
85	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	200	180	230				
86	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	5	69	110	110				
87	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	0	66	115	115				
88	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	0	45				
89	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
**	Bheramara HVDC Interconnector	India		500	500	482	482	474	474				
<b>Khulna Zone Total</b>				<b>1551</b>	<b>1537</b>	<b>1024</b>	<b>1353</b>	<b>1197</b>	<b>1432</b>	<b>0</b>	<b>0</b>		
90	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
91	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	64	110	110				
92	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	24	17	25				
93	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	93	91	91	91				
<b>Barisal Zone Total</b>				<b>377</b>	<b>367</b>	<b>126</b>	<b>179</b>	<b>218</b>	<b>256</b>	<b>0</b>	<b>0</b>		
94	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	Under Maintenance	31.12.17
95	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	32				
96	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	50	0	50				
97	Amnura	HFO (QRPP)	7x7.79	50	50	0	0	50	50				
98	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	0	0	0			COD on 12.08.17	
99	Katakali Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	46				
100	Katakali (Northern)	HFO (QRPP)	6x8.9	50	50	8	43	43	43				
101	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	44	31	44				
102	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
	Sirajganj CAPP 2	Gas (NWPGL)				0	10	15	0			On Test	
103	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
104	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	15	15	15	15				
105	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	8	11				
106	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	52	52	52				
<b>Rajshahi Zone Total</b>				<b>913</b>	<b>903</b>	<b>53</b>	<b>247</b>	<b>236</b>	<b>365</b>	<b>281</b>	<b>100</b>		
107	a) Barapurkuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	10.01.18
	b) Barapurkuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	76	0	0	0		85	Under Maintenance	10.12.17
	Barapurkuria ST:Unit - 3	Coal (PDB)				304	300	300	0			On Test	
108	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	17				
109	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	20	0	20				
<b>Rangpur Zone Total</b>				<b>290</b>	<b>210</b>	<b>380</b>	<b>337</b>	<b>300</b>	<b>37</b>	<b>0</b>	<b>170</b>		
<b>Sub-total: Plants in operation</b>				<b>13476</b>	<b>12922</b>	<b>5876</b>	<b>8015</b>	<b>8575</b>	<b>9506</b>	<b>1215</b>	<b>942</b>		
<b>Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss</b>						<b>5478</b>	<b>7473</b>	<b>7995</b>	<b>8863</b>				

<b>(B) List of Contract Expired Power Plants :</b>													
110	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	0	0	0	0	0	0	0	Contract Expired	Uncertain
111	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	0	0	0	0	0	0	0	Contract Expired	Uncertain
<b>Sub-total: Plants under long term maintenance</b>				<b>145</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Gross Total</b>				<b>13621</b>	<b>12922</b>	<b>5876</b>	<b>8015</b>	<b>8575</b>	<b>9506</b>	<b>1215</b>	<b>942</b>		

<b>(C) Actual data of 05.12.17 (Yesterday) Monday :</b>													
01.	Max. Demand (Generation end)	:	8015.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	7473.00	MW, at = 19:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8015.00	MW, at = 19:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	4641.00	MW, at = 5:00 hrs		Dhaka	2777	2777	0	Mymensingh	497	497	0
05.	Day-peak Generation (Generation end)	:	5875.80	MW, at = 12:00 hrs		Chittagong	926	926	0	Sylhet	296	296	0
06.	Evening-peak Generation (Generation end)	:	8015.00	MW, at = 19:00 hrs		Khulna	929	929	0	Barisal	168	168	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Rajshahi	766	766	0	Rangpur	488	488	0
08.	Generation shortfall at evening peak due to :					Comilla	626	626	0	<b>Total</b>	<b>7473</b>	<b>7473</b>	<b>0</b>
	a) Gas limitation	:	1215	MW		12.	Fuel cost :	(a) Gas = 78314124	Taka	(c) Coal = 6346996		Taka	
	b) Low water level in Kaptai lake	:	0	MW				(b) Oil = 170865854	Taka	<b>Total = 25526973</b>		Taka	
	c) Plants under shut down/ maintenance	:	942	MW		13.	Maximum Temperature in Dhaka was :	28.2° C					
09.	Total Energy (Generation + India Import)	:	143.13	MKWh		14.	Export through East-West interconnections :						
	By Gas = 101.78	MKWh	By Oil = 18.90	MKWh			At evening peak-hour	:	-470	MW, at	19:00	hrs	
	By Coal = 7.56	MKWh	By Hydro = 2.88	MKWh			Maximum	:	220	MW, at	15:00	hrs	
10.	Total Gas Supplied	:	870.25	MMCFD			Energy	:	7.8675	MKWh			

<b>(D) Forecast of 06.12.17 (Today) Wednesday :</b>													
01.	Maximum Demand	:	8100	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	9506	MW (Generation end)	05.	Total Generation	:	143.00	MKWh				
03.	Maximum Shortage	:	-1406	MW (Generation end)	06.	Probable Max. Temperature in Dhaka	:	25.8° C					

\* Captive Power \*\* Imported Power  
#Remarks: Highest Generation 9507MW on 18-10-2017 at 19:30

(MONIRUZZAMAN)  
Deputy Secretary, Generation