



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month: April, 2018		Day : Saturday				Date : 14.04.18						
Probable Maximum Demand :		9300 MW		Probable Maximum Generation :		10235 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 86.07 ft		Today = 85.85 ft		Rule Curve = 86.20 ft.						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.04.18 (Yesterday)		14.04.18 (Today)		13.04.18 (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	38	38	38	38			
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	0	0	0	0	45		Gas Shortage
	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	190	190	190	190			
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190		Gas Shortage
	Ghorasal CCGP:Unit-7	Gas (PDB)				320	370	370	370			On Test
2	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	50	104	104	104			
3	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	20	75	75	75			
4	Tongji GT	Gas (PDB)	1 x 105	105	105	0	0	0	0		105	Under Maintenance 07.05.18
5	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	0	0	40		Gas Shortage
6	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	55	84	84			
7	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	291	302	360	360			
8	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	450	450	450	450			
9	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage
10	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	390	410	360	360			
11	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	160	162	150	200	48		Gas Shortage
	Siddhirganj CCGP-335 MW GT	Gas (EGCB)				0	0	0	0			On Test
12	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
13	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	40	80	78	78			
14	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	50	50			
15	Meghnaghat CCGP (Summit)	HSD (IPP)	2x110+1x110	305	305	250	200	305	305			
16	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	92	100	100			
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	64	100	100			
18	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55			
19	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	12	60	90	90			
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	16	7	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+7x8.73	80	80	25	49	58	58			
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25			
24	Summit Power, Ruppangaj	Gas (SIPP, REB)	4x8.73	33	33	33	30	33	33			
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	48	49	52	52			
26	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	48	133	132	133			
27	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	6	42	42			On Test
	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)				18	54	54	54			
28	Southern Power	HFO (IPP)	3x19.3	55	55	17	55	55	55			
29	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	56	55	55			
30	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	66	66	66			COD 22.02.2017
<b>Dhaka Zone Total</b>				<b>4499</b>	<b>4263</b>	<b>2500</b>	<b>3259</b>	<b>3755</b>	<b>3806</b>	<b>608</b>	<b>105</b>	
31	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	85	83	168	168			
32	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
33	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	26	26	26			
34	Patenga 50MW (Barakattullah)	HFO (IPP)	8x6.89	50	50	18	44	44	44			
35	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage
36	Shikalbaha Peaking GT	HSD (PDB)	1 x 150	150	150	120	80	135	135			
37	Sikalbaha 225 MW CCGP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	228	208	208	225			
38	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	0	42	51	51			
39	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	68	80	68	68			
40	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	51	51			
41	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	84	85	85			
42	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	16	18	18			
*	Malancha, Ctg. EPZ (United)	Gas	5x8.73+3x9.34			21	43	43	43			
43	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	52	90	90	90			
<b>Chittagong Zone Total</b>				<b>1641</b>	<b>1561</b>	<b>616</b>	<b>847</b>	<b>987</b>	<b>1004</b>	<b>400</b>	<b>0</b>	
44	a) Ashuganj ST: Unit-2	Gas (APSCl)	1 x 64	64	53	0	0	0	0	53		Gas Shortage
	b) Ashuganj ST:Unit-3	Gas (APSCl)	1 x 150	150	135	0	0	0	0	135		Gas Shortage
	c) Ashuganj ST:Unit-4	Gas (APSCl)	1 x 150	150	129	90	150	150	150			
	d) Ashuganj ST:Unit-5	Gas (APSCl)	1 x 150	150	134	100	135	135	135			
45	Ashuganj Engines	Gas (APSCl)	14x3.968	53	45	43	43	40	40			
46	Ashuganj CCGP 225 MW	Gas (APSCl)	1x142+1*75	221	221	205	204	221	221			
47	Ashuganj CCGP(South)	Gas (APSCl)	1x360	360	360	0	0	0	0			
48	Ashuganj CCGP(North)	Gas (APSCl)	1x361	360	360	170	220	0	0			
49	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	0	0	0	0			
50	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	53	30	53			
51	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	78	192	195	195			
52	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	20	51	51			
53	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	5	85	85	85			
54	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	41	0	49			
55	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	154	154	155	155			
56	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	19	19			
57	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8			
58	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	33	33	33			
59	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	16	52	52			
60	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	13	22	22	22			
	Daudkandi 200 MW	HSD (IPP)				75	71	0	0			On Test
**	Trīpura	India		160	160	88	166	124	157			
<b>Comilla Zone Total</b>				<b>2465</b>	<b>2394</b>	<b>1077</b>	<b>1631</b>	<b>1320</b>	<b>1425</b>	<b>188</b>	<b>0</b>	
61	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	74	104	145	145	98		Gas Shortage
62	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22			
63	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	50	95	95	95			
64	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	2	0			COD on 03.08.17
<b>Mymensing Zone Total</b>				<b>330</b>	<b>322</b>	<b>146.3</b>	<b>221</b>	<b>264</b>	<b>262</b>	<b>98</b>	<b>0</b>	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.04.18 (Yesterday)		14.04.18 (Today)		13.04.18 (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	70	70	71	60	71					
66	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	62	63	62	63					
67	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	50	20	50					
68	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	48	44	48					
69	Kushiara 163 MW Fenchuganj	Gas (IPP)	1x109	109	109	10	10	109	109					
70	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
71	Shajibazar GT-Unit-8.9	Gas (PDB)	2x35	70	66	52	63	66	66					
72	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	257	265	303	303					
73	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	84	86	86					
74	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	2	43	50	50					
75	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	60	50	130	130					
76	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0	20		Under Overhauling	30.04.18	
77	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	0	5	45	46	46					
78	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	0	0	0					
79	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	21	23	23	23					
80	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	300	320	341	341					
<b>Sylhet Zone Total</b>				<b>1540</b>	<b>1445</b>	<b>870</b>	<b>1146</b>	<b>1351</b>	<b>1397</b>	<b>0</b>	<b>20</b>			
81	Bheramara GT-Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	32	0	32					
82	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278	278	278	200	195	195	195					
83	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	43	0	44					
84	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	3	65	50	70					
85	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	120	225	225					
86	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	5	110	110	110					
87	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	0	115	115	115					
88	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	11	0	40					
	Bangla Track (Noapara)	HSD (RPP)				101	97	100	100					
89	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40					
**	Bheramara HVDC Interconnector	India		500	500	0	0	0	0					
<b>Khulna Zone Total</b>				<b>1551</b>	<b>1537</b>	<b>429</b>	<b>828</b>	<b>835</b>	<b>971</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	0	110	110	110					
92	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	34	15	15					
93	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	94	126	125	125					
	Bhola Agreko 95 MW	Gas (QRPP)				21	100	100	100					
<b>Barisal Zone Total</b>				<b>377</b>	<b>367</b>	<b>132</b>	<b>370</b>	<b>350</b>	<b>380</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	30.04.18	
95	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	43	0	43					
96	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	42	0	42					
97	Amnura	HFO (QRPP)	7x7.79	50	50	20	50	50	50					
98	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	104	94	94			COD on 12.08.17		
99	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	45	43	43					
100	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	8	43	43	43					
101	Santalar Peaking	HFO (PDB)	6x8.7	50	50	0	22	0	34					
102	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0					
	Sirajganj CCPP 2	HSD (NWPGL)				180	175	190	190			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	10	10	10	10					
105	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	9	11	11	11					
106	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	43	43	43					
<b>Rajshahi Zone Total</b>				<b>913</b>	<b>903</b>	<b>257</b>	<b>610</b>	<b>506</b>	<b>625</b>	<b>71</b>	<b>100</b>			
107	a) Barapukuria ST-Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Under Overhauling	30.04.18	
	b) Barapukuria ST-Unit - 2	Coal (PDB)	1 x 125	125	85	60	58	60	60					
	Barapukuria ST-Unit - 3	Coal (PDB)				260	270	270	270			On Test		
108	Rangpur GT	HSD (PDB)	1 x 20	20	20	16	17	17	17					
109	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18					
<b>Rangpur Zone Total</b>				<b>290</b>	<b>210</b>	<b>336</b>	<b>345</b>	<b>347</b>	<b>365</b>	<b>0</b>	<b>85</b>			
<b>Sub-total: Plants in operation</b>				<b>13606</b>	<b>13002</b>	<b>6363</b>	<b>9257</b>	<b>9715</b>	<b>10235</b>	<b>1365</b>	<b>310</b>			
<b>Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss</b>						<b>6019</b>	<b>8756</b>	<b>9189</b>	<b>9681</b>					

<b>(B) List of Contract Expired Power Plants :</b>													
110	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128x0.85	100	100	0	0	0	0	0	0	Contract Expired	Uncertain
111	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	0	0	0	0	0	0	Contract Expired	Uncertain
112	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>240</b>	<b>145</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Gross Total</b>				<b>13846</b>	<b>13147</b>	<b>6363</b>	<b>9257</b>	<b>9715</b>	<b>10235</b>	<b>1365</b>	<b>310</b>		

<b>(C) Actual data of 13.04.18 (Yesterday) Friday :</b>												
01.	Max. Demand (Generation end)	:	9257.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	8756.00	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)	:	9257.00	MW, at = 21:00 hrs	Dhaka	3173	3173	0	Mymensingh	653	653	0
04.	Minimum Generation (Generation end)	:	5332.30	MW, at = 7:00 hrs	Chittagong	977	977	0	Sylhet	367	367	0
05.	Day-peak Generation (Generation end)	:	6363.30	MW, at = 12:00 hrs	Khulna	1096	1096	0	Barisal	242	242	0
06.	Evening-peak Generation (Generation end)	:	9257.00	MW, at = 21:00 hrs	Rajshahi	909	909	0	Rangpur	485	485	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs	Comilla	854	854	0	Total	8756	8756	0
08.	Generation shortfall at evening peak due to :				12.	Fuel cost :	(a) Gas = 81121160 Taka	(c) Coal = 8528896 Taka	Total = 515213503 Taka			
	a) Gas limitation	:	1365	MW		(b) Oil = 425563446 Taka						
	b) Low water level in Kaptai lake	:	0	MW								
	c) Plants under shut down/ maintenance	:	310	MW								
09.	Total Energy (Generation + India Import)	:	164.53	MKWh	13.	Maximum Temperature in Dhaka was :	32.8° C					
	By Gas = 106.18 MKWh			By Oil = 46.25 MKWh	14.	Export through East-West interconnections :						
	By Coal = 7.50 MKWh			By Hydro = 1.96 MKWh		At evening peak-hour	:	-770	MW, at 21:00 hrs			
10.	Total Gas Supplied	:	942.12	MW		Maximum	:	-830	MW, at 19:30 hrs			
						Energy	:	9.0405	MW			

<b>(D) Forecast of 14.04.18 (Today) Saturday :</b>												
01.	Maximum Demand	:	9300	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)			
02.	Maximum Generation	:	10235	MW (Generation end)	05.	Total Generation	:	165.30	MW			
03.	Maximum Shortage	:	-935	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	33.4° C				