



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month: April, 2018				Day : Tuesday				Date : 24.04.18				
Probable Maximum Demand : 10300 MW				Probable Maximum Generation : 10910 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 83.28 ft				Today = 83.08 ft				
				Rule Curve = 83.40 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.04.18 (Yesterday)		24.04.18 (Today)		23.04.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
					Day	Evening	Day	Evening	Gas/ water limitation MW	Machines shut down (MW)		Description/ Remarks
<b>(A) Plants in operation:</b>												
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	30	30	30	30			
	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	120	124	120	120	46	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	130	130	130	130	60	Gas Shortage	
	Ghorasal CCPP:Unit-7	Gas (PDB)				299	260	300	360		On Test	
2	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	12	15	15	15			
3	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	0	0			
4	Tongi 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	55	84	84	84			
7	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	351	277	280	300			
8	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	370	430	400	450			
9	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage	
10	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	350	340	380	412			
11	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	232	235	235		On Test	
12	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	52	100	100	100			
13	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	78	75	82	82			
14	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	51	21	50	50			
15	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	100	100	150	305			
16	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	92	100	100	100			
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	87	98	100	100			
18	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	42	55	55	55			
19	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	90	100	100	100			
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	85	94	102	102			
21	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	19	19			
22	Summit Power, (Madhabadi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	50	25	50	50			
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	0	25	25			
24	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	25	0	25	25			
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	42	52	52			
26	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	133	133	133	149			
27	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	30	42	42			
	Kamataghat Munshiganj (Banco Energy)	HFO (IPP)				36	36	54	54		On Test	
28	Southern Power	HFO (IPP)	3x19.3	55	55	0	55	55	55			
29	Northern 55 MW	HFO (IPP)	3x19.3	55	55	56	56	55	55			
30	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	92	90	91	91		COD 22.02.2017	
<b>Dhaka Zone Total</b>				<b>4499</b>	<b>4263</b>	<b>2876</b>	<b>3154</b>	<b>3414</b>	<b>3747</b>	<b>696</b>	<b>105</b>	
31	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	35	121	159	159			
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	25	25	26	26			
34	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	44	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	135	135	125	135			
37	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	202	176	200	215			
38	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	51	51	51	51			
39	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	80	80	80	86			
40	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	51	51			
41	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	74	85	85			
42	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	17	18	18	18			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	9	12	15			
43	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	91	90	90	90			
<b>Chittagong Zone Total</b>				<b>1641</b>	<b>1561</b>	<b>682</b>	<b>874</b>	<b>941</b>	<b>975</b>	<b>400</b>	<b>0</b>	
44	a) Ashuganj ST: Unit-2	Gas (AFSCL)	1 x 64	64	53	0	0	0	0	53	Gas Shortage	
	b) Ashuganj ST:Unit-3	Gas (AFSCL)	1 x 150	150	135	100	100	100	100	35	Gas Shortage	
	c) Ashuganj ST:Unit-4	Gas (AFSCL)	1 x 150	150	129	0	0	0	0	129	Gas Shortage	
	d) Ashuganj ST:Unit-5	Gas (AFSCL)	1 x 150	150	134	135	110	110	110			
45	Ashuganj Engines	Gas (AFSCL)	14x3.968	53	45	31	36	40	40			
46	Ashuganj CCPP 225 MW	Gas (AFSCL)	1x142+1*75	221	221	0	0	0	0	221	Under Maintenance 25.05.18	
47	Ashuganj CCPP(South)	Gas (AFSCL)	1x360	360	360	300	280	360	360			
48	Ashuganj CCPP(North)	Gas (AFSCL)	1x361	360	360	173	175	250	260			
49	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	49	48	43	43			
50	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	3	3	3	3			
51	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	78	78	78	78			
52	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0			
53	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	85	85	85	85			
54	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	32	0	50			
55	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0	163	Under Maintenance 28.04.18	
56	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	19	19	19			
57	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
58	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
59	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	8	52	52			
60	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	19	22	22			
	Daudkandi 200 MW	HSD (IPP)				202	203	206	206		On Test	
**	Tripura	India		160	160	130	166	132	160			
<b>Comilla Zone Total</b>				<b>2465</b>	<b>2394</b>	<b>1369</b>	<b>1406</b>	<b>1544</b>	<b>1632</b>	<b>217</b>	<b>384</b>	
61	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	97	99	100	100	103	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	93	95	95	95			
64	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.4	0	2	0		COD on 03.08.17	
<b>Mymensingh Zone Total</b>				<b>330</b>	<b>322</b>	<b>211.4</b>	<b>216</b>	<b>219</b>	<b>217</b>	<b>103</b>	<b>0</b>	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.04.18 (Yesterday)		24.04.18 (Today)		23.04.18 (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 CCGP-1	Gas (PDB)	2x32+1x33	97	70	70	70	70	70				
66	Fenchuganj CCGP-2	Gas (PDB)	2x35+1x35	104	90	62	63	62	62				
67	Fenchuganj (Barakattullah)	Gas (RPP)	19x2.90	51	51	22	53	50	50				
68	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	20	50	44	44				
69	Kushiara 163 MW Fenchuganj	Gas (IPP)	1x109	109	109	163	163	163	163				
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	61	56	66	66				
72	Shajibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	305	288	330	330				
73	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	30	86	86	86				
74	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	20	45	48	48				
75	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	78	116	100	128				
76	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0	20	Under Overhauling	30.04.18	
77	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	0	31	36	40	40				
78	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	9	9				
79	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	23	23	23				
80	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	285	341	341				
<b>Sylhet Zone Total</b>				<b>1540</b>	<b>1445</b>	<b>1188</b>	<b>1354</b>	<b>1443</b>	<b>1471</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 CCGP	Gas (NWPGL)	1 x 278	278	278	30	300	305	305				
83	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	48	0	50				
84	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	7	45	40	70				
85	Khulna CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	215	170	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	36	102	115	115				
88	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	11	0	40				
	Bangla Track (Noapara)	HSD (IPP)				11	100	0	0				
89	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	33	40	40	40				
**	Bheramara HVDC Interconnector	India		500	500	473	473	480	480				
<b>Khulna Zone Total</b>				<b>1551</b>	<b>1537</b>	<b>810</b>	<b>1431</b>	<b>1315</b>	<b>1467</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	110	110	110				
92	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	24	35	27	27				
93	Bhola CCGP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	156	150	168	168				
	Bhola Aggreko 95 MW	Gas (QRPP)				55	99	12	52				
<b>Barisal Zone Total</b>				<b>377</b>	<b>367</b>	<b>251</b>	<b>394</b>	<b>317</b>	<b>387</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	34				
96	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	49	0	49				
97	Amnura	HFO (QRPP)	7x7.79	50	50	40	40	40	40				
98	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	51	102	100	100			COD on 12.08.17	
99	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	45	0	45				
100	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	43	43	43	43				
101	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	34	0	34				
102	Sirajganj CCGP 1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0				
	Sirajganj CCGP 2	HSD (NWPGL)				165	165	220	220			On Test	
103	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	18	18	22	22				
104	Bogra (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	10	10	10				
105	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	0	8	8				
106	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	45	52	52				
<b>Rajshahi Zone Total</b>				<b>913</b>	<b>903</b>	<b>385</b>	<b>594</b>	<b>495</b>	<b>657</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	58	58	59	59				
	Barapukuria ST:Unit - 3	Coal (PDB)				275	280	280	280			On Test	
108	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	18				
109	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	0				
<b>Rangpur Zone Total</b>				<b>290</b>	<b>210</b>	<b>333</b>	<b>355</b>	<b>339</b>	<b>357</b>	<b>0</b>	<b>85</b>		
<b>Sub-total: Plants in operation</b>				<b>13606</b>	<b>13002</b>	<b>8105</b>	<b>9778</b>	<b>10027</b>	<b>10910</b>	<b>1487</b>	<b>694</b>		
<b>Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss</b>						<b>7617</b>	<b>9189</b>	<b>9423</b>	<b>10253</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>8105</b>	<b>9778</b>	<b>10027</b>	<b>10910</b>	<b>1487</b>	<b>694</b>		

<b>(C) Actual data of 23.04.18 (Yesterday) Monday :</b>														
01.	Max. Demand (Generation end)	:	9778.00	MW, at =	19:30 hrs	11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	9189.00	MW, at =	19:30 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	:	9778.00	MW, at =	19:30 hrs	Dhaka	3432	3432	0	Mymensingh	526	526	0	
04.	Minimum Generation (Generation end)	:	6641.00	MW, at =	6:00 hrs	Chittagong	1082	1082	0	Sylhet	350	350	0	
05.	Day-peak Generation (Generation end)	:	8105.40	MW, at =	12:00 hrs	Khulna	1150	1150	0	Barisal	239	239	0	
06.	Evening-peak Generation (Generation end)	:	9778.00	MW, at =	19:30 hrs	Rajshahi	988	988	0	Rangpur	580	580	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:30 hrs	Comilla	842	842	0	Total	9189	9189	0	
08.	Generation shortfall at evening peak due to :					12.	Fuel cost :	(a) Gas = 83502259 Taka	(c) Coal = 8467978 Taka					
	a) Gas limitation	:	1487	MW			(b) Oil = 530229430 Taka	Total = 622199667 Taka						
	b) Low water level in Kaptai lake	:	0	MW										
	c) Plants under shut down/ maintenance	:	694	MW										
09.	Total Energy (Generation + India Import)	:	195.27	MKWh		13.	Maximum Temperature in Dhaka was :	34.7° C						
	By Gas =	108.64	MKWh	By Oil =	62.09	MKWh	14.	Export through East-West interconnections :						
	By Coal =	8.07	MKWh	By Hydro =	1.94	MKWh		At evening peak-hour	-500	MW, at	19:30	hrs		
10.	Total Gas Supplied	:	956.74	MMCFD				Maximum	-690	MW, at	1:00	hrs		
								Energy	6.9380	MKWh				

<b>(D) Forecast of 24.04.18 (Today) Tuesday :</b>													
01.	Maximum Demand	:	10300	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	10910	MW	(Generation end)	05.	Total Generation	:	205.70	MKWh			
03.	Maximum Shortage	:	-610	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	36.8° C				

\* Captive Power \*\* Imported Power

#Remarks: Highest Generation 10084MW on 19-03-2018 at 19:30

(MONIRUZAMAN)

Deputy Secretary, Generation