



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month: April, 2018				Day : Monday				Date : 23.04.18				
Probable Maximum Demand : 10000 MW				Probable Maximum Generation : 10501 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 83.56 ft				Today = 83.56 ft				
				Rule Curve = 83.80 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.04.18 (Yesterday)		23.04.18 (Today)		22.04.18 (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	120	120	120	50	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	120	120	130	120	70	Gas Shortage	
	Ghorasal CCPP:Unit-7	Gas (PDB)				200	249	250	250		On Test	
2	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	15	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	0	55	84	84			
7	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	135	307	360	360			
8	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	430	450	450	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	0	412	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)				235	0	0	0		On Test	
12	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	15	100	100			
13	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	72	78	82	82			
14	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	11	51	50	50			
15	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	100	100	305	305			
16	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	13	93	100			
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	45	100	100			
18	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55			
19	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	76	100	100	100			
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	40	102	102	102			
21	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	22	19	19			
22	Summit Power, (Madhabadi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	49	25	50	50			
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25			
24	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	25	8	25	25			
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	51	43	52	52			
26	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	64	149	149	149			
27	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	12	35	42	42			
	Kamataghat Munshiganj (Banco Energy)	HFO (IPP)				54	54	54	54		On Test	
28	Southern Power	HFO (IPP)	3x19.3	55	55	36	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	91	91	91	91		COD 22.02.2017	
<b>Dhaka Zone Total</b>				<b>4499</b>	<b>4263</b>	<b>2493</b>	<b>2468</b>	<b>3455</b>	<b>3452</b>	<b>710</b>	<b>105</b>	
31	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	41	81	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	17	26	26	26			
34	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	44	45	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	100	125	125	125	125			
37	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	196	201	200	200			
38	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	39	51	51	51			
39	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	68	86	80	86			
40	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	17	51	51	51			
41	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	75	85	85			
42	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	18	18			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	2	9	25			
43	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	91	91	90	90			
<b>Chittagong Zone Total</b>				<b>1641</b>	<b>1561</b>	<b>633</b>	<b>852</b>	<b>938</b>	<b>960</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	130	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	37	40	40			
46	Ashuganj CCPP 225 MW	Gas (AFSCL)	1x142+1*75	221	221	183	224	0	0			
47	Ashuganj CCPP(South)	Gas (AFSCL)	1x360	360	360	290	300	360	360			
48	Ashuganj CCPP(North)	Gas (AFSCL)	1x361	360	360	182	204	250	250			
49	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	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	9	6	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	0	0	50			
55	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	153	0	0	0			
56	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	19	19	19			
57	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	0	11	11			
58	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	8	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	22	0	22	22			
	Daudkandi 200 MW	HSD (IPP)				200	206	206	206		On Test	
**	Tripura	India		160	160	124	88	133	160			
<b>Comilla Zone Total</b>				<b>2465</b>	<b>2394</b>	<b>1657</b>	<b>1475</b>	<b>1545</b>	<b>1622</b>	<b>217</b>	<b>0</b>	
61	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	76	74	100	100	128	Gas Shortage	
62	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22			
63	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	95	95	95			
64	Sarishabari 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>105.8</b>	<b>189</b>	<b>219</b>	<b>217</b>	<b>128</b>	<b>0</b>	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.04.18 (Yesterday)		23.04.18 (Today)		22.04.18 (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	50	70	70	70					
66	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	42	62	62	62					
67	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	31	50	50					
68	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44					
69	Kushiara 163 MW Fenchugonj	Gas (IPP)	1x109	109	109	163	163	163	163					
70	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11					
71	Shajibazar GT Unit-8,9	Gas (PDB)	2x35	70	66	58	66	66	66					
72	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	265	290	330	330					
73	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	86	86	86	86					
74	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	48	48	48					
75	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	99	80	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 (Energyprima)	Gas (RPP)	27x2.0	50	0	33	39	40	40					
78	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	9	9	9					
79	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	15	16	23	23					
80	Summit Bibiana-2	Gas (IPP)	1x222+1x119	341	341	300	300	341	341					
<b>Sylhet Zone Total</b>				<b>1540</b>	<b>1445</b>	<b>1211</b>	<b>1321</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	0	0	32					
82	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278	278	278	182	167	200	200					
83	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	50	0	50					
84	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	5	8	40	70					
85	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	160	225	225					
86	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	27	51	110	110					
87	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	32	66	115	115					
88	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	0	40					
	Bangla Track (Noapara)	HSD (IPP)				0	0	0	0					
89	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	24	40	40					
**	Bheramara HVDC Interconnector	India		500	500	474	474	481	481					
<b>Khulna Zone Total</b>				<b>1551</b>	<b>1537</b>	<b>864</b>	<b>1000</b>	<b>1211</b>	<b>1363</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	32	16	110	110					
92	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	21	27	27	27					
93	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	162	168	168	168					
	Bhola Aggreko 95 MW	Gas (QRPP)				97	52	12	52					
<b>Barisal Zone Total</b>				<b>377</b>	<b>367</b>	<b>312</b>	<b>263</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	34	0	34					
96	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	49	0	49					
97	Amnura	HFO (QRPP)	7x7.79	50	50	40	50	40	40					
98	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	25	59	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 CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0					
	Sirajganj CAPP 2	HSD (NWPGL)				170	155	220	220			On Test		
103	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	18	18	22	22					
104	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	8	10	10					
105	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8					
106	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	25	52	52	52					
<b>Rajshahi Zone Total</b>				<b>913</b>	<b>903</b>	<b>339</b>	<b>555</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	59	58	59	59					
	Barapukuria ST:Unit - 3	Coal (PDB)				280	280	280	280			On Test		
108	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18					
109	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	15					
<b>Rangpur Zone Total</b>				<b>290</b>	<b>210</b>	<b>339</b>	<b>338</b>	<b>339</b>	<b>372</b>	<b>0</b>	<b>85</b>			
<b>Sub-total: Plants in operation</b>				<b>13606</b>	<b>13002</b>	<b>7954</b>	<b>8461</b>	<b>9962</b>	<b>10501</b>	<b>1526</b>	<b>310</b>			
<b>Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss</b>						<b>7615</b>	<b>8101</b>	<b>9538</b>	<b>10054</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>7954</b>	<b>8461</b>	<b>9962</b>	<b>10501</b>	<b>1526</b>	<b>310</b>			

<b>(C) Actual data of 22.04.18 (Yesterday) Sunday :</b>													
01.	Max. Demand (Generation end)	:	8461.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8101.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8624.00	MW, at = 22:00 hrs			MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	6458.00	MW, at = 6:00 hrs		Dhaka	3053	3053	0	Mymensingh	578	578	0
05.	Day-peak Generation (Generation end)	:	7953.80	MW, at = 12:00 hrs		Chittagong	967	967	0	Sylhet	348	348	0
06.	Evening-peak Generation (Generation end)	:	8461.00	MW, at = 21:00 hrs		Khulna	880	880	0	Barisal	152	152	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Rajshahi	1000	1000	0	Rangpur	579	579	0
08.	Generation shortfall at evening peak due to :					Comilla	544	544	0	Total	8101	8101	0
	a) Gas limitation	:	1526	MW			Fuel cost :	(a) Gas = 83961294	Taka	(c) Coal = 8650685	Taka		
	b) Low water level in Kaptai lake	:	0	MW				(b) Oil = 420055434	Taka	Total = 512667413	Taka		
	c) Plants under shut down/ maintenance	:	310	MW									
09.	Total Energy (Generation + India Import)	:	182.25	MKWh	13.	Maximum Temperature in Dhaka was : 33.5° C							
	By Gas = 109.19	MKWh	By Oil = 49.46	MKWh	14.	Export through East-West interconnections :							
	By Coal = 8.18	MKWh	By Hydro = 1.61	MKWh		At evening peak-hour	:	-620	MW, at	21:00	hrs		
10.	Total Gas Supplied	:	926.74	MMCFD		Maximum	:	-640	MW, at	20:00	hrs		
						Energy	:	6.6110	MKWh				

<b>(D) Forecast of 23.04.18 (Today) Monday :</b>													
01.	Maximum Demand	:	10000	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	10501	MW (Generation end)	05.	Total Generation	:	211.33	MKWh				
03.	Maximum Shortage	:	-501	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.2° C					