



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: MAY, 2018				Day : Thursday				Date : 03.05.18				
Probable Maximum Demand : 9000 MW				Probable Maximum Generation : 10628 MW				Rule Curve = 81.81 ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 80.59 ft				Today = 80.59 ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.05.18 (Yesterday)		03.05.18 (Today)		02.05.18 (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)		
(A) Plants in operation:												
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	150	150	150	150	20		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	120	120	70		Gas Shortage
	Ghorasal CCPP:Unit-7	Gas (PDB)				100	245	260	260			On Test
2	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	12	54	100	100			
3	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	20	78	78			
4	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0		105	Under Maintenance
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	0	84	84			
7	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	262	364	350	360			
8	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	360	430	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	363	340	412	412			
11	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	100	120	100	100	90		Gas Shortage
	Siddirganj CCPP-335 MW GT	Gas (EGCB)				127	220	242	242			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	7	7	82	82			
14	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	50	50			
15	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	150	150			
16	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	7	100	100			
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	15	100	100			
18	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	40	40			
19	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	10	100	100			
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	10	102	102			
21	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
22	Summit Power,(Madhabadi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	51	51	50	50			
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
24	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	22	12	25	25			
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	51	25	51	51			
26	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	62	16	149	149			
27	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	0	42	42			
	Kamataghat Munshiganj (Banco Energy)	HFO (IPP)				18	0	54	54			On Test
	Summit Gazipur-2	HFO (IPP)				32	0	0	0			On Test
28	Southern Power	HFO (IPP)	3x19.3	55	55	17	0	55	55			
29	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	0	55	55			
30	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	100	100			COD 22.02.2017
Dhaka Zone Total				4499	4263	1989	2301	3836	3846	560	105	
31	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	70	69	110	110			
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	0	8	25	25			
34	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	6	40	40			
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	50	50	100	130			
37	Sikalbaha 225 MW CCPP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	215	201	221	221			
38	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	0	8	42	42			
39	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	20	50	90	90			
40	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	17	17	17	51			
41	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	85	91			
42	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	17	18	18			
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			15	42	14	40			
43	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	12	12	90	90			
Chittagong Zone Total				1641	1561	405	480	852	948	400	0	
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	100	100	120	120	35		Gas Shortage
	c) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	0	0	0	0	129		Gas Shortage
	d) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	100	100	135	135			
45	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	37	40	40	40			
46	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	0	0	0	0	221		Under Maintenance
47	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	180	375	360	360			
48	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	180	200	250	250			
49	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	46	45	50	50			
50	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	3	3	5	5			
51	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	70	15	78	78			
52	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	7	51	7	51			
53	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	60	85	85	85			
54	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	0	50		
55	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100			
56	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	19	19			
57	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	0	11	11			
58	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	8	33	33	33			
59	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52			
60	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	0	22	22			
	Daudkandi 200 MW	HSD (IPP)				0	0	0	0			On Test
**	Tripura	India		160	160	110	60	135	160			
Comilla Zone Total				2465	2394	1016	1207	1502	1621	217	221	
61	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	206	208	210	210			
62	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22			
63	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	8	95	95			
64	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.6	0	2	0			COD on 03.08.17
Mymensingh Zone Total				330	322	208.6	238	329	327	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.05.18 (Yesterday)		03.05.18 (Today)		02.05.18 (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	60	60	60	60				
66	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	30	33	40	40				
67	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	19	51	51				
68	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	47	44	44				
69	Kushiara 163 MW Fenchugonj	Gas (IPP)	1x109	109	109	0	30	163	163				
70	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	8	8	10				
71	Shajibazar GT Unit-8,9	Gas (PDB)	2x35	70	66	63	60	66	66				
72	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	156	148	150	150				
73	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	87	86	86				
74	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	20	47	44	44				
75	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	0	120	130	142	Was Under Maintenance		
76	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0	20	Under Overhauling	15.05.18	
77	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	0	22	50	50	50				
78	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	8	8	9	9				
79	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	8	16	23	23				
80	Summit Bibiana-2	Gas (IPP)	1x222+1x119	341	341	310	270	0	0				
Sylhet Zone Total				1540	1445	697	883	914	926	0	162		
81	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	32				
82	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278	278	278	230	330	360	360				
83	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	0	0	50				
84	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	7	7	40	70				
85	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	110	225	225				
86	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	5	5	110	110				
87	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	0	0	115	115				
88	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	0	50				
	Bangla Track (Noapara)	HSD (IPP)				0	0	0	0				
89	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40				
**	Bheramara HVDC Interconnector	India		500	500	467	292	487	487				
Khulna Zone Total				1551	1537	709	744	1377	1539	0	0		
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	0	110	110				
92	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	22	5	25	25				
93	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	161	161	163	163				
	Bhola Aggreko 95 MW	Gas (QRPP)				0	0	14	90				
Barisal Zone Total				377	367	183	166	312	418	0	0		
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	15.05.18	
95	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	40				
96	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	50				
97	Amnura	HFO (QRPP)	7x7.79	50	50	12	24	50	50				
98	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	34	100	100				
99	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	44	46				
100	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	8	16	43	43				
101	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	40				
102	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0				
	Sirajganj CCPP 2	HSD (NWPGL)				125	165	220	220			On Test	
103	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	8	22	22	22				
104	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	10	11	11				
105	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
106	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	34	52	52				
Rajshahi Zone Total				913	903	153	316	553	685	71	100		
107 a)	Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Overhauling	30.05.18	
b)	Barapukuria ST:Unit-2	Coal (PDB)	1 x 125	125	85	56	59	62	62				
	Barapukuria ST:Unit-3	Coal (PDB)				220	185	220	220			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	18				
Rangpur Zone Total				290	210	276	244	282	318	0	85		
Sub-total: Plants in operation				13606	13002	5637	6579	9957	10628	1248	673		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5290	6174	9344	9974				

(B) List of Contract Expired Power Plants :													
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
Sub-total: Plants under long term maintenance				240	145	0	0	0	0	0	0		
Gross Total				13846	13147	5637	6579	9957	10628	1248	673		

(C) Actual data of 02.05.18 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	6579.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	6174.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	6579.00	MW, at = 21:00 hrs			MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	4666.00	MW, at = 7:00 hrs		Dhaka	2415	2415	0	Mymensingh	452	452	0
05.	Day-peak Generation (Generation end)	:	5636.60	MW, at = 12:00 hrs		Chittagong	672	672	0	Sylhet	268	268	0
06.	Evening-peak Generation (Generation end)	:	6579.00	MW, at = 21:00 hrs		Khulna	664	664	0	Barisal	119	119	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Rajshahi	698	698	0	Rangpur	476	476	0
08.	Generation shortfall at evening peak due to :					Comilla	410	410	0	Total	6174	6174	0
a)	Gas limitation	:	1248	MW			Fuel cost :	(a) Gas = 71562210	Taka	(c) Coal = 8894426	Taka		
b)	Low water level in Kaptai lake	:	0	MW				(b) Oil = 171752006	Taka	Total = 252208641	Taka		
c)	Plants under shut down/ maintenance	:	673	MW									
09.	Total Energy (Generation + India Import)	:	130.69	MKWh	13.	Maximum Temperature in Dhaka was : 32.8.0° C							
	By Gas = 94.21	MKWh	By Oil = 18.21	MKWh	14.	Export through East-West interconnections :							
	By Coal = 6.46	MKWh	By Hydro = 1.59	MKWh		At evening peak-hour	:	-720	MW, at	21:00	hrs		
10.	Total Gas Supplied	:	854.12	MMCFD		Maximum	:	-780	MW, at	20:00	hrs		
						Energy	:	4.5885	MKWh				

(D) Forecast of 03.05.18 (Today) Thursday :											
01.	Maximum Demand	:	9000	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)
02.	Maximum Generation	:	10628	MW	(Generation end)	05.	Total Generation	:	181.06	MKWh	
03.	Maximum Shortage	:	-1628	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	33.4° C		

* Captive Power ** Imported Power

#Remarks: Highest Generation 10137MW on 24-04-2018 at 21:00

(MONIRUZAMAN)

Deputy Secretary, Generation