



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: February, 2018				Day : Sunday				Date : 04.02.18				
Probable Maximum Demand : 8350 MW				Probable Maximum Generation : 10000 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 98.35 ft				Today = 98.23 ft				
				Rule Curve = 96.58 ft.								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.02.18 (Yesterday)		04.02.18 (Today)		03.02.18 (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	Probable start-up date
(A) Plants in operation:												
1	a) Ghorasal ST:Unit -1	Gas (PDB)	1 x 55	55	40	0	0	0	0	40		Gas Shortage
	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	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	80	80	80			On Test
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128X0.85	100	100	89	97	100	100			
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58X0.85	45	45	43	46	45	45			
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	101	44	25	44			
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	80	35	35	35			
6	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Under Maintenance 10.02.18
7	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	20	20	20	20			
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	13	55	55			
9	Horipur Power CAPP	Gas (IPP)	1x235+1x125	360	360	370	369	360	360			
10	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	360	380	450	450			
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage
12	Horipur 412MW CAPP	Gas (EGCB)	1x273+1x139	412	412	380	330	412	412			
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	103	65	40	65	145		Gas Shortage
	Siddirganj 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	30	85	85	85			
16	Paglia (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	50	50			
17	Meghnaghat CAPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	8	84	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	22	100	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	30	41	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	92	92	92			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	102	102	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	22	22	22			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	51	58	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	25	25	33	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	52	52	52	52			
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	77	110	149	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	0	42	42			
	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)				0	36	54	54			On Test
30	Southern Power	HFO (IPP)	3x19.3	55	55	13	55	55	55			
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	37	37	36	37			
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	67	67	67	67			COD 22.02.2017
Dhaka Zone Total				4644	4408	2222	2610	3117	3467	695	105	
33	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	88	113	100	115			
	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	26	26			
36	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	40	45	45	45			
37	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage
38	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150		Gas Shortage
39	Sikalbaha 225 MW CAPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225		Gas Shortage
40	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	42	42	42	42			
41	Julda (Accorn)	HFO (QRPP)	8x13.45	100	100	68	88	88	88			
42	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	34	68	68	68			
43	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	75	67	0	67			
44	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	15	12	12	12			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34	108	108	75	90	10	15			
45	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	75	90	90	90			
Chittagong Zone Total				1641	1561	465	573	481	568	775	0	
46	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	0	0	0	0	129		Gas Shortage
	d) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	135	135	135	135			
47	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	0	0	10	10			
48	Ashuganj CAPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	186	185	221	221			
49	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	280	280	360	360			
50	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	300	300	360	360			
51	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	0	0	5	5			
52	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	53	53	53			
53	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*116	195	195	74	189	195	195			
54	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	6	51	51	51			
55	Brahambaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	10	40	40	40			
56	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	32			
57	Chandpur CAPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0	163		HGPI 10.02.18
58	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19			
59	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
60	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
61	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	43	43	34	43			
62	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	24	24	24	24			
**	Tripura	India		160	160	100	132	100	126			
Comilla Zone Total				2465	2394	1226	1495	1651	1718	317	163	
63	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	141	156	159	156	46		Gas Shortage
64	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22			
65	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	95	95	95	95			
66	Sarshabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.1	0	2	0			COD on 03.08.17
Mymensing Zone Total				330	322	257.1	271	278	273	46	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.02.18 (Yesterday)		04.02.18 (Today)		03.02.18 (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)			
67	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	24	60	60	60				
68	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	20	30	30	30				
69	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	22	45	45				
70	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	11	50	44	44				
71	Kushiara 163 MW Fenchuganj	Gas (IPP)	1x109	109	109	0	0	109	109				
72	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
73	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	63	63	65	66				
74	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	306	293	275	330				
75	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	20	84	62	86				
76	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	20	47	47	47				
77	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	80	0	110	115				
78	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0	20	Under Overhauling	10.02.18	
79	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	0	20	32	45	45				
80	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10				
81	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	16	16	16				
82	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	260	290	341	341				
Sylhet Zone Total				1540	1445	856	1008	1270	1355	0	20		
83	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
84	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278	278	278	195	200	200	200				
85	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	8	43	0	43				
86	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	66	0	75				
87	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	230	230				
88	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	110	110	110	110				
89	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	100	115	115	115				
90	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	11	0	45				
91	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	40	40	40				
**	Bheramara HVDC Interconnector	India		500	500	338	488	240	493				
Khulna Zone Total				1551	1537	775	1073	935	1381	0	0		
92	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
93	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	100	110	110				
94	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	16	23	25	25				
95	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	100	134	140	140				
Barisal Zone Total				377	367	132	257	275	305	0	0		
96	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	71		Gas Shortage		
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Under Maintenance	15.02.18	
97	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	34	0	34				
98	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	0				
99	Ammura	HFO (QRPP)	7x7.79	50	50	33	40	40	40				
100	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	59	0	100		COD on 12.08.17		
101	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	23	0	24				
102	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	35	35	35	35				
103	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	35				
104	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210	Gas Shortage		
	Sirajganj CCPP 2	Gas (NWPGL)				220	127	200	160		On Test		
105	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
106	Bogra (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	9	9	10	10				
107	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8				
108	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	26	52	52	52				
Rajshahi Zone Total				913	903	353	409	367	520	281	100		
109	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Overhauling	10.02.18	
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	50	79	75	79				
	Barapukuria ST:Unit - 3	Coal (PDB)				296	296	296	296		On Test		
110	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	18				
111	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	20	0	20				
Rangpur Zone Total				290	210	346	413	371	413	0	85		
Sub-total: Plants in operation				13751	13147	6632	8109	8745	10000	2114	473		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						6233	7621	8219	9398				

(B) List of Contract Expired Power Plants :													
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				95	0	0	0	0	0	0	0		
Gross Total				13846	13147	6632	8109	8745	10000	2114	473		

(C) Actual data of 03.02.18 (Yesterday) Saturday :												
01.	Max. Demand (Generation end)	:	8109.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	7621.00	MW, at = 19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8109.00	MW, at = 19:00 hrs	Dhaka	2718	2718	0	Mymensingh	539	539	0
04.	Minimum Generation (Generation end)	:	4557.00	MW, at = 5:00 hrs	Chittagong	868	868	0	Sylhet	304	304	0
05.	Day-peak Generation (Generation end)	:	6632.10	MW, at = 11:00 hrs	Khulna	922	922	0	Barisal	172	172	0
06.	Evening-peak Generation (Generation end)	:	8109.00	MW, at = 19:00 hrs	Rajshahi	866	866	0	Rangpur	565	565	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs	Comilla	667	667	0	Total	7621	7621	0
08.	Generation shortfall at evening peak due to :				12.	Fuel cost : (a) Gas = 76258283 Taka (c) Coal = 10539280 Taka (b) Oil = 178705314 Taka Total = 265502877 Taka						
	a) Gas limitation	:	2114	MW	13.	Maximum Temperature in Dhaka was : 25.5° C						
	b) Low water level in Kaptai lake	:	0	MW	14.	Export through East-West interconnections :						
	c) Plants under shut down/ maintenance	:	473	MW		At evening peak-hour : -660 MW, at 19:00 hrs						
09.	Total Energy (Generation + India Import)	:	146.68	MKWh		Maximum : -1000 MW, at 8:00 hrs						
	By Gas = 102.18	MKWh	By Oil = 23.03	MKWh		Energy : 6.8090 MKWh						
	By Coal = 8.82	MKWh	By Hydro = 1.96	MKWh								
10.	Total Gas Supplied	:	941.34	MMCFD								

(D) Forecast of 04.02.18 (Today) Sunday :											
01.	Maximum Demand	:	8350	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)
02.	Maximum Generation	:	10000	MW	(Generation end)	05.	Total Generation	:	151.04	MKWh	
03.	Maximum Shortage	:	-1650	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka	:	29.7° C		

* Captive Power ** Imported Power

#Remarks: Highest Generation 9507MW on 18-10-2017 at 19:30

(MONIRUZZAMAN)
Deputy Secretary, Generation