



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: March, 2018		Day : Wednesday				Date : 21.03.18						
Probable Maximum Demand :		10000 MW				Probable Maximum Generation : 10134 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 90.63 ft				Today = 90.63 ft						
		Rule Curve = 89.96 ft.										
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.03.18 (Yesterday)		21.03.18 (Today)		20.03.18 (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	38	38	38	38			
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	35	35	35	35			
	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	120	120	100	100	60		Gas Shortage
	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)				0	0	0	0			On Test
2	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	104	107	107	107			
3	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	69	73	74	74			
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	70	84	84	84			
7	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	210	265	360	360	95		Gas Shortage
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	410	410	412	412			
11	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	94	100	100	100	110		Gas Shortage
	Siddhirganj CCGP-335 MW GT	Gas (EGCB)				0	0	0	0			On Test
12	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	63	100	100	100			
13	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	82	83	83	83			
14	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	51	51	50	50			
15	Meghnaghat CCGP (Summit)	HSD (IPP)	2x110+1x110	305	305	305	305	305	305			
16	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	74	100	93	93			
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	64	100	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	88	90	90	90			
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	102	102	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	58	57	58	58			
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	15	25	33	33			
24	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	40	51	52	52			
26	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	149	149	149	149			
27	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	35	41	42	42			
	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)				36	36	36	36			On Test
28	Southern Power	HFO (IPP)	3x19.3	55	55	36	36	36	36			
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	0	0	0	0	108		COD 22.02.2017
Dhaka Zone Total				4499	4263	2964	3174	3254	3254	780	213	
31	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	80	80	35	35			
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	26	26	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	135	135			
37	Sikalbaha 225 MW CCGP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	148	138	156	156			
38	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+3x13+1x1.5	51	51	32	42	40	42			
39	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	68	78	68	78			
40	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	29	66	51	51			
41	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	92	0	77			
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	7	10			
43	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	82	94	92	92			
Chittagong Zone Total				1641	1561	664	815	672	764	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	0	0	0	0	135		Gas Shortage
	c) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	150	150	150	150			
	d) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	135	135	135	135			
45	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	43	43	43			
46	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	203	183	221	221			
47	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	235	245	260	260			
48	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0	360		Under Maintenance
49	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	0	0	0	0			23.04.18
50	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	53	53	53	53			
51	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	195	194	195	195			
52	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51			
53	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	51	86	85	85			
54	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	41	0	40			
55	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	154	155	155	155			
56	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	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	31	33	33	33			
59	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	43	43	43	43			
60	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	22	21	23	23			
**	Tripura	India		160	160	130	160	129	160			
Comilla Zone Total				2465	2394	1523	1623	1606	1677	188	360	
61	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	103	107	110	110	95		Gas Shortage
62	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
63	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	95	92	95	95			
64	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	2	0			COD on 03.08.17
Mymensing Zone Total				330	322	220	221	229	227	95	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.03.18 (Yesterday)		21.03.18 (Today)		20.03.18 (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	71	71	71	71					
66	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	52	63	67	67					
67	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	22	30	51					
68	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	21	47	50	50					
69	Kushiara 163 MW Fenchuganj	Gas (IPP)	1x109	109	109	0	109	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	32	29	33	33					
72	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	276	288	290	290					
73	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	50	86	86	86					
74	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	30	47	49	49					
75	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	100	120	130	130					
76	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0	20	Under Overhauling	25.03.18		
77	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	0	43	45	45	45					
78	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	0	0	0					
79	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	0	13	24	24					
80	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	275	260	341	341					
Sylhet Zone Total				1540	1445	972	1211	1336	1357	0	20			
81	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	32	0	32					
82	Bheramara 360 MW CCPP	Gas (NWP/GCL)	1 x 278	278	278	0	0	0	0					
83	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	49	0	49					
84	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	9	80	9	80					
85	Khulna CCPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	120	145	158	158					
86	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	95	110	110	110					
87	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	99	115	115	115					
88	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	27	53	0	55					
89	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	33	40	33	40					
**	Bheramara HVDC Interconnector	India		500	500	470	470	473	473					
Khulna Zone Total				1551	1537	853	1094	898	1112	0	0			
90	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	26	0	30					
91	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	82	100	100					
92	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	22	28	25	28					
93	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	184	171	194	194					
	Bhola Aggreko 95 MW	Gas (QRPP)				95	96	95	95					
Barisal Zone Total				377	367	317	403	414	447	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	30.04.18		
95	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	43	43	0	43					
96	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	49	0	49					
97	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50					
98	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	51	102	0	102			COD on 12.08.17		
99	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	26	47	26	46					
100	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	43	43	43	43					
101	Santahar Peaking	HFO (PDB)	6x8.7	50	50	42	41	0	44					
102	Sirajganj CCPP 1	Gas (NWP/GCL)	1x150+1x75	210	210	0	25	216	216					
	Sirajganj CCPP 2	HSD (NWP/GCL)				125	175	220	220			On Test		
103	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22					
104	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	12	12	12	12					
105	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8					
106	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52					
Rajshahi Zone Total				913	903	473	669	649	907	71	100			
107	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Overhauling	30.03.18		
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	59	71	71	71					
	Barapukuria ST:Unit - 3	Coal (PDB)				280	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	20	20					
Rangpur Zone Total				290	210	339	368	371	389	0	85			
Sub-total: Plants in operation				13606	13002	8325	9578	9429	10134	1534	778			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7936	9131	8989	9661					

(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	8325	9578	9429	10134	1534	778			

(C) Actual data of 20.03.18 (Yesterday) Tuesday :														
01.	Max. Demand (Generation end)	:	9578.00	MW	at =	20:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	9131.00	MW	at =	20:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	9578.00	MW	at =	20:00 hrs								
04.	Minimum Generation (Generation end)	:	7079.00	MW	at =	6:00 hrs	Dhaka	3441	3441	0	Mymensingh	640	640	0
05.	Day-peak Generation (Generation end)	:	8325.00	MW	at =	12:00 hrs	Chittagong	1005	1005	0	Sylhet	358	358	0
06.	Evening-peak Generation (Generation end)	:	9578.00	MW	at =	20:00 hrs	Khulna	1068	1068	0	Barisal	197	197	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW	at =	20:00 hrs	Rajshahi	1000	1000	0	Rangpur	599	599	0
08.	Generation shortfall at evening peak due to :						Comilla	823	823	0	Total	9131	9131	0
	a) Gas limitation	:	1534	MW			12.	Fuel cost :	(a) Gas = 286453018	Taka	(c) Coal = 10356519	Taka		
	b) Low water level in Kaptai lake	:	0	MW					(b) Oil = 598656592	Taka	Total = 895466128	Taka		
	c) Plants under shut down/ maintenance	:	778	MW			13.	Maximum Temperature in Dhaka was :	34° C					
09.	Total Energy (Generation + India Import)	:	198.49	MKWh			14.	Export through East-West interconnections :						
	By Gas =	107.89	MKWh	By Oil =	65.88	MKWh		At evening peak-hour	:	-560	MW	at	20:00 hrs	
	By Coal =	8.51	MKWh	By Hydro =	1.57	MKWh		Maximum	:	-640	MW	at	7:00 hrs	
10.	Total Gas Supplied	:	933.31	MMCFD				Energy	:	5.2025	MKWh			

(D) Forecast of 21.03.18 (Today) Wednesday :													
01.	Maximum Demand	:	10000	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	10134	MW	(Generation end)	05.	Total Generation	:	207.23	MKWh			
03.	Maximum Shortage	:	-134	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	33.8° C				

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)

Deputy Secretary, Generation