



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: December, 2018		Day : Friday		Date : 21.12.18								
Probable Maximum Demand :		7600 MW		Probable Maximum Generation : 12007 MW								
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 99.02 ft		Today = 98.99 ft								
				Rule Curve = 104.10 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.12.18 (Yesterday)		21.12.18 (Today)		20.12.18 (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/Coal 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	0	0	0	0			
	c) Ghorasal ST-Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170		Gas Shortage
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	0	0	0	0			On Test
	(e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	120	120	120	120			
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	350	240	380	380			
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	101	52	52	101			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	40	40	40			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage
6	Horipur GT-Unit-1.2	Gas (PDB)	2 x 32	64	40	0	0	0	0			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	320	320	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	380	330	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	350	348	412	412			
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	105	0	100	100	210		Gas Shortage
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	120	160	150	160	57		Gas Shortage
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	7	100	100			
16	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0			
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	7	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	22	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	20	55	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
21	Gaganraj (Oron)	HFO (IPP)	12x8.924	102	102	7	62	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	22	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	55	58	58	58			
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	34	43	43	43			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	118	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	47	47	47			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	54	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	30	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	46	100	130			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
33	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
35	Southern Power	HFO (IPP)	3x19.3	55	55	0	17	36	36			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	55	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	47	45	47			
Dhaka Zone Total			6034	5798	2117	2278	4205	4427	657	0		
38	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	33	33	63	197			Water Level Low
39	a) Chattogram ST-Unit-1	Gas (PDB)	1 x 210	210	180	0	0	0	180			Gas Shortage
	b) Chattogram ST-Unit-2	Gas (PDB)	1 x 210	210	180	150	120	180	180			
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	20.3	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	50	50	50			
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	40			Gas Shortage
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	120	80	140	140			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	225			Gas Shortage
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	24	40	40	45			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	62	90	90			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	90	100	100	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	68	68	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	62	81	81			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			6	29	40	40			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	93	33	90	93			
Chattogram Zone Total			1761	1681	556.3	724	979	997	642	0		
53	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	135			Gas Shortage
	b) Ashuganj ST-Unit-4	Gas (APSCL)	1 x 150	150	129	80	80	100	100			
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	80	80	100	120			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	31	40	10	40			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	184	184	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	305	305	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	260	260	265	265			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	30	5	30			
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5			
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*116	195	195	8	8	8	8			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	21	51	51			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	70	100	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	20	85	85	85			
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	40			
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	50	140	180	180			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	8	0	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	22	22	22			
72	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+1x1.05	200	200	0	0	100	200			
**	Tripara	India		160	160	90	114	88	111			
Cumilla Zone Total			2951	2891	1350	1618	1866	2206	135	0		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	156	157	160	160	45		Gas Shortage
74	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	78	80	81			
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	70	150	200			
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.9	0	2	0			
Mymensingh Zone Total			530	522	184.9	325	414	463	45	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.12.18 (Yesterday)		21.12.18 (Today)		20.12.18 (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/Coal limitation MW	Machines shut down (MW)			
78	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	57	57	57	57					
79	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	63	63	63	63					
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	22	53	51	51					
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	18	21	40	40					
82	Kushiera 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	100	163	163					
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11					
84	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	64	44	66	66					
85	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	283	265	300	300					
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	20	89	86	86					
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	48	50	50					
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	80	80	100	130					
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0					
90	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	46	49	50	50					
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	10	10					
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	25	25	25					
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	0	0	0	341	Under Maintenance	26.12.18		
	Bibiana- 3	Gas (PDB)				160	320	0	0		On Test			
Sylhet Zone Total				1594	1549	1001	1234	1072	1102	0	341			
94	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46					
95	Bheramara 360 MW CAPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	250	300	300	300					
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	32	0	40					
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	40	0	80					
98	Khulna CAPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0					
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	34	115	115					
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	100	100					
101	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	40	40	40					
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	90	105	105					
**	Bheramara HVDC Interconnector	India		1000	1000	512	661	518	666					
Khulna Zone Total				2223	2209	786	1197	1178	1492	0	0			
103	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30					
104	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	16	110	110					
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	18	25	20	26					
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	199	194	194	194					
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	21	97	95	95					
Barishal Zone Total				472	462	238	332	419	455	0	0			
108	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	Gas Shortage			
109	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	50					
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	42					
111	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50					
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	51	90	102					
113	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	35					
114	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50					
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	31	0	40					
116	Sirajganj CAPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	0	0	0	210	Gas Shortage			
117	Sirajganj CAPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	43	0	220	220					
118	Sirajganj CAPP-3 GT	Gas (NWPGLCL)	1x141	141	141	0	0	0	0	141	Gas Shortage			
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0	282	Gas Shortage			
120	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22					
121	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	5	5					
122	Lalapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11					
123	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	0	52	52	52					
Rajshahi Zone Total				1556	1546	83	222	500	679	804	0			
124	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.12.18	
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Coal Shortage			
125	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	149	149	150	150	125	Coal Shortage			
126	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	18					
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18					
Rangpur Zone Total				564	484	149	166	150	186	210	85			
Sub-total: Plants in operation				17685	17142	6465	8096	10783	12007	2493	426			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6078	7611	10137	11288					
Gross Total				17685	17142	6465	8096	10783	12007	2493	426			

(B) Actual data of 20.12.18 (Yesterday) Thursday :											
01.	Max. Demand (Generation end)	: 8096.00 MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 7611.00 MW, at = 19:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	: 8096.00 MW, at = 19:00 hrs		Dhaka	2780	2780	0	Mymensingh	547	547	0
04.	Minimum Generation (Generation end)	: 4793.00 MW, at = 5:00 hrs		Chattogram	840	840	0	Sylhet	307	307	0
05.	Day-peak Generation (Generation end)	: 6465.20 MW, at = 12:00 hrs		Khulna	964	964	0	Barishal	199	199	0
06.	Evening-peak Generation (Generation end)	: 8096.00 MW, at = 19:00 hrs		Rajshahi	771	771	0	Rangpur	534	534	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs		Cumilla	669	669	0	Total	7611	7611	0
08.	Generation shortfall at evening peak due to :			12.	Fuel cost : (a) Gas = 90628505 Taka (c) Coal = 14082824 Taka						
	a) Gas limitation	: 2086 MW			(b) Oil = 77562870 Taka		Total = 182274199 Taka				
	b) Low water level in Kaptai lake	: 197 MW									
	c) Plants under shut down/ maintenance	: 426 MW									
09.	Total Energy (Generation + India Import)	: 151.74 MKWh	13.	Maximum Temperature in Dhaka was : 23.1° C							
	By Gas = 122.362 MKWh	By Oil = 11.144 MKWh	14.	Export through East-West interconnections :							
	By Coal = 3.648 MKWh	By Hydro = 0.715 MKWh		At evening peak-hour				: -790 MW, at 19:00 hrs			
	By Solar = 0.129 MKWh			Maximum				: -790 MW, at 19:00 hrs			
10.	Total Gas Supplied	: 1050.38 MMCFD		Energy				: 7.1845 MKWh			
(C) Forecast of 21.12.18 (Today) Friday :											
01.	Maximum Demand	: 7600 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 12007 MW (Generation end)	05.	Total Generation : 142.45 MKWh							
03.	Maximum Shortage	: -4407 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 23.9° C							

* Captive Power ** Imported Power

#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZZAMAN)
Deputy Secretary, Generation