



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: December, 2017				Day: Friday				Date: 22.12.17				
Probable Maximum Demand : 7300 MW				Probable Maximum Generation : 9983 MW				Rule Curve = 104.00 ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 102.23 ft				Today = 102.16 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.12.17 (Yesterday)		22.12.17 (Today)		21.12.17 (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
								Gas/ water limitation MW	Machines shut down (MW)			
						Day	Evening	Day	Evening			
(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		Under Maintenance 24.12.17
	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	120	120	60		Gas Shortage
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	170	180	180	180			
	Ghorasal CAPP:Unit-7	Gas (PDB)				0	0	0	0			On Test
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128X0.85	100	100	80	47	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	49	58	98	100			
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	82	80	78	78			
6	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Under Maintenance 31.12.17
7	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	30	40	40	40			
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	84	84			
9	Horipur Power CAPP	Gas (IPP)	1x235+1x125	360	360	362	362	360	360			
10	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	400	425	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	400	420	412	412			
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	108	38	80	100	172		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	7	83	83	83			
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	305	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	100	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	13	48	100	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	14	55	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	100	80	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	102	102	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	19	16	19			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	55	57	58	58			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	25	25	30	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	43	43	43			
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	15	92	132	132			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	12	35	45			
	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)				0	54	0	0			On Test
30	Southern Power	HFO (IPP)	3x19.3	55	55	17	55	55	55			
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	56	55	55			
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	90	95	95			COD 22.02.2017
Dhaka Zone Total				4644	4408	2114	2840	3574	3632	557	150	
33	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	76	79	80	75			
	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	0	26	26	26			
36	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	8	24	44	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)	HSD (PDB)	1 x 150+1 x 75	225	225	229	52	225	225			
40	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	2	51	51	51			
41	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	78	88	78	88			
42	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	17	67	17	80			
43	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	85	0	85			
44	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	17	18	18	18			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34	108	108	2	5	23	30			
45	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	63	85	74	92			
Chittagong Zone Total				1641	1561	492	580	636	815	550	0	
46	a) Ashuganj ST: Unit-2	Gas (APSCL)	1 x 64	64	53	0	0	0	0	53		Under Maintenance 26.12.17
	b) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	25	80	135			
	c) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	120	120	120	150			
	d) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	120	110	0	135			
47	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	39	40	42	42			
48	Ashuganj CAPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	185	168	221	221			
49	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	320	280	360	360			
50	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	0	50	200	240			
51	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	10	5			
52	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	10	5			
53	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	73	73	73	100			
54	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	6	6	14	6			
55	Brahambaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	6	85	85	85			
56	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	8	0	42			
57	Chandpur CAPP	Gas (PDB)	1X106+1x57	163	163	90	50	90	90			
58	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22			
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	0	0	43	43			
62	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	22	23	23	20			
**	Tripura	India		160	160	82	114	94	123			
Comilla Zone Total				2465	2394	1136	1228	1531	1868	0	53	
63	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	161	159	130	160	43		Gas Shortage
64	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
65	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	24	95	95	95			
66	Sarshabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.3	0	2	0			COD on 03.08.17
Mymensing Zone Total				330	322	207.3	276	249	277	43	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.12.17 (Yesterday)		22.12.17 (Today)		21.12.17 (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 CAPP-1	Gas (PDB)	2x32+1x33	97	70	59	55	59	69					
68	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	68	69	90	90					
69	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	53	50	51					
70	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	50	47	47					
71	Kushiana 163 MW Fenchuganj	Gas (IPP)	1x109	109	109	70	90	109	109			COD on 25.07.17		
72	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	3	8	8	8					
73	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	55	64	64	66					
74	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	94	210	170	200					
75	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	87	86	86					
76	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	47	46	50					
77	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	52	69	55	130					
78	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0	20		Under Overhauling	25.12.17	
79	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	9	10	10					
80	Shahjanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	24	22	24					
81	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	0	0	0	341		Under Maintenance	23.12.17	
Sylhet Zone Total				1490	1445	437	835	816	940	0	361			
82	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30					
83	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278	278	278	350	433	360	360					
84	Fairdur Peaking	HFO (PDB)	8x6.89	54	54	0	50	0	50					
85	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	0	0	80					
86	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	230					
87	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	92	110	110	110					
88	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	0	115	115	115					
89	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	30	45					
90	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40					
**	Bheramara HVDC Interconnector	India		500	500	314	481	486	486					
Khulna Zone Total				1551	1537	796	1229	1141	1546	0	0			
91	Barisal GT -Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30					
92	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	64	48	100					
93	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	15	25	18	23					
94	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	154	195	97	194					
Barisal Zone Total				377	367	185	284	163	347	0	0			
95	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	31.12.17	
96	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	32					
97	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	50					
98	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	45	50					
99	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	43	102	102			COD on 12.08.17		
100	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	46					
101	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	43	43	43					
102	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	30					
103	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage		
	Sirajganj CAPP 2	Gas (NWPGL)				0	0	0	0			On Test		
104	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22					
105	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	15	15	14	15					
106	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	8	5	8					
107	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	52	52	52					
Rajshahi Zone Total				913	903	54	233	283	450	281	100			
108	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Under Overhauling	10.01.18	
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	70	69	73	73					
	Barapukuria ST:Unit - 3	Coal (PDB)				301	285	303	0			On Test		
109	Rangpur GT	HSD (PDB)	1 x 20	20	20	15	17	15	15					
110	Syedpur GT	HSD (PDB)	1 x 20	20	20	20	20	20	20					
Rangpur Zone Total				290	210	406	391	411	108	0	85			
Sub-total: Plants in operation				13701	13147	5827	7896	8804	9983	1431	749			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5456	7393	8243	9347					

(B) List of Contract Expired Power Plants :													
111	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	0	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				145	0	0	0	0	0	0	0		
Gross Total				13846	13147	5827	7896	8804	9983	1431	749		

(C) Actual data of 21.12.17 (Yesterday) Monday :												
01.	Max. Demand (Generation end)	:	7896.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	7393.00	MW, at = 19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	7896.00	MW, at = 19:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	4508.00	MW, at = 5:00 hrs	Dhaka	2765	2765	0	Mymensingh	513	513	0
05.	Day-peak Generation (Generation end)	:	5827.30	MW, at = 9:00 hrs	Chittagong	859	859	0	Sylhet	306	306	0
06.	Evening-peak Generation (Generation end)	:	7896.00	MW, at = 19:00 hrs	Khulna	884	884	0	Barisal	167	167	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs	Rajshahi	779	779	0	Rangpur	497	497	0
08.	Generation shortfall at evening peak due to :				Comilla	623	623	0	Total	7393	7393	0
	a) Gas limitation	:	1431	MW	12.	Fuel cost : (a) Gas = 74500310 Taka (c) Coal = 8547972 Taka						
	b) Low water level in Kaptai lake	:	0	MW		(b) Oil = 156694437 Taka Total = 239742719 Taka						
	c) Plants under shut down/ maintenance	:	749	MW	13.	Maximum Temperature in Dhaka was : 26.1° C						
09.	Total Energy (Generation + India Import)	:	139.50	MKWh	14.	Export through East-West interconnections :						
	By Gas = 97.61	MKWh	By Oil = 19.71	MKWh		At evening peak-hour : -460 MW, at 19:00 hrs						
	By Coal = 8.76	MKWh	By Hydro = 1.89	MKWh		Maximum : -340 MW, at 10:00 hrs						
10.	Total Gas Supplied	:	866.65	MMCFD		Energy : 7.8675 MKWh						

(D) Forecast of 22.12.17 (Today) Friday :											
01.	Maximum Demand	:	7300	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)
02.	Maximum Generation	:	9983	MW	(Generation end)	05.	Total Generation	:	130.00	MKWh	
03.	Maximum Shortage	:	-2683	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka	:	24.9° C		

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation