



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: December, 2018				Day : Saturday				Date : 15.12.18				
Probable Maximum Demand : 8000 MW				Probable Maximum Generation : 11159 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 99.53 ft		Today = 99.40 ft		Rule Curve = 104.80 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	14.12.18 (Yesterday)		15.12.18 (Today)		14.12.18 (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/Coal 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	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	0	0	0	0	190	Gas Shortage	
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	300	365	365			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	12	12	85	85			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	20	20	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	301	359	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	380	450	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	347	345	0	100			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	25	150	150			
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	0	0			
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	53	100	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	0	24	102	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
24	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	53	51	55	55			
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	25	25			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	43	43	43			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	118	149			
29	Kathpott 52 MW	HFO (IPP)	7x7.90	51	51	24	47	47	47			
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	36	36	54	54			
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	42	200	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	36	100	130			
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	200	300			
34	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
35	Aourahat 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
36	Southern Power	HFO (IPP)	3x19.3	55	55	0	0	36	36			
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	37	37	55	55			
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	45	45	45	45			
Dhaka Zone Total				6084	5848	1688	2098	3388	3849	580	0	
39	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	75	75	76	106	155		Water Level Low
40	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage	
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	150	180	180	180	0	Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	25	25	25			
42	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	12.2	0	20	0			
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	50	50	50			
44	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage	
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0			
46	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225	Under Maintenance	17.12.18
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	40	40	42			
48	Julda (Acomr)	HFO (QRPP)	8x13.45	100	100	0	30	100	100			
	Juldah 100 MW Unit-3	HFO (IPP)				36	100	100	100		On Test	
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	68	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	70	70			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			26	39	25	30			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	19	90	90			
Chattogram Zone Total				1661	1581	367.2	631	866	883	375	225	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	80	150	100	100			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	80	135	135	135			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	10	38	10	10			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	188	194	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	316	320	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	250	100	265	265			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5			
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5			
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	65	8	8			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	51	51	51			
	Midland 150MW	HFO (IPP)				19	52	0	0		On Test	
62	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	40	85	85	85			
63	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	8	0	50			
64	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100			
	Chandpur Desh 200MW	HFO (IPP)				17	98	190	190		On Test	
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
66	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	8	8			
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	8	33	33	33			
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	52	0	52			
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	22	22	22			
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200			
**	Tripura	India		160	160	82	106	85	107			
Cumilla Zone Total				2601	2541	1301	1652	1805	2029	0	0	
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	102	108	170	180			
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	22	22			
73	Jamulpur IPP	HFO (IPP)	12x8.924	95	95	21	79	71	71			
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	60	150	200			
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.5	0	2	0			
Mymensingh Zone Total				530	522	148.5	267	415	473	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	14.12.18 (Yesterday)		15.12.18 (Today)		14.12.18 (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)				
76	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	57	57	57	57						
77	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	63	63	63	63						
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	23	50	51	51						
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	21	21	44	44						
80	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	130	163	163						
81	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11						
82	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	63	67	66	66						
83	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	310	270	280	300						
84	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	40	89	86	86						
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	20	49	50	50						
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	78	132	100	130						
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0						
88	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	22	47	0	50						
89	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	7	8	10	10						
90	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	25	25	25						
91	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	0	0	0	341	Under Maintenance	26.12.18			
	Bibiana- 3	Gas (PDB)				245	0	0	0		On Test				
Sylhet Zone Total				1594	1549	1081	1019	1006	1106	0	341				
92	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30						
93	Bheramara 360 MW CCPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	0	0	30	300						
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	12	0	30						
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	3	50	0	80						
96	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0						
97	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	32	115	115						
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	100	100						
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	16	40	40	40						
100	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	90	105	105		On Test				
**	Bheramara HVDC Interconnector	India		1000	1000	348	687	402	696						
Khulna Zone Total				2223	2209	367	911	792	1496	0	0				
101	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30						
102	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	48	110	110						
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	15	23	28	33						
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	184	186	190	190						
105	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	52	96	95	95						
Barishal Zone Total				472	462	251	353	423	458	0	0				
106	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			
107	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	43	0	50						
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	42						
109	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50						
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	85	90	102						
111	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	35						
112	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50						
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	39	0	40						
114	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	0	0	0						
115	Sirajganj CCPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	187	179	220	220						
116	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	0	0	0	0						
117	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0						
118	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22						
119	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	5	5						
120	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11						
121	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	25	52	52	52						
Rajshahi Zone Total				1556	1546	247	486	500	679	171	0				
122	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.12.18		
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage			
123	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	149	149	150	150	125		Coal Shortage			
124	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	18						
125	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	13	0	18						
Rangpur Zone Total				564	484	149	179	150	186	210	85				
Sub-total: Plants in operation				17285	16742	5600	7596	9345	11159	1336	651				
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5227	7090	8722	10416						
(B) List of Contract Expired Power Plants :															
126	Khulna (Agreko) 55MW	HSD (QRPP)	71x0.85	55	0	0	0	0	0			Contract expired			
Sub-total: Plants under long term maintenance				55	0	0	0	0	0	0	0				
Gross Total				17340	16742	5600	7596	9345	11159	1336	651				
(C) Actual data of 14.12.18 (Yesterday) Friday :															
01.	Max. Demand (Generation end)	:	7596.00 MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :										
02.	Max. Demand (Sub-station end)	:	7090.00 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)	:	7596.00 MW, at = 19:00 hrs		Dhaka	2443	2443	0	Mymensingh	547	547	0			
04.	Minimum Generation (Generation end)	:	4967.00 MW, at = 5:00 hrs		Chattogram	797	797	0	Sylhet	295	295	0			
05.	Day-peak Generation (Generation end)	:	5599.70 MW, at = 12:00 hrs		Khulna	897	897	0	Barishal	189	189	0			
06.	Evening-peak Generation (Generation end)	:	7596.00 MW, at = 19:00 hrs		Rajshahi	771	771	0	Rangpur	504	504	0			
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:00 hrs		Cumilla	647	647	0	Total	7090	7090	0			
08.	Generation shortfall at evening peak due to :				12.	Fuel cost : (a) Gas = 79208501 Taka (b) Oil = 102675488 Taka			(c) Coal = 14137636 Taka Total = 196021625 Taka			Taka			
	a) Gas limitation	:	971 MW		13.	Maximum Temperature in Dhaka was : 28.2° C									
	b) Low water level in Kaptai lake	:	155 MW		14.	Export through East-West interconnections :									
	c) Plants under shut down/ maintenance	:	651 MW			At evening peak-hour : -690 MW, at 19:00 hrs									
09.	Total Energy (Generation + India Import)	:	138.82 MKWh			Maximum : -760 MW, at 8:00 hrs									
	By Gas = 108.004 MKWH	By Oil = 13.401 MKWh													
	By Coal = 3.663 MKWH	By Hydro = 1.789 MKWh													
	By Solar= 0.060 MKWH														
10.	Total Gas Supplied	:	928.45 MMCFD			Energy : 9.1735 MKWh									
(D) Forecast of 15.12.18 (Today) Saturday :															
01.	Maximum Demand	:	8000 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)										
02.	Maximum Generation	:	11159 MW (Generation end)	05.	Total Generation : 146.21 MKWh										
03.	Maximum Shortage	:	-3159 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 24.5° C										

* Captive Power ** Imported Power
#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZAMAN)
Deputy Secretary, Generation