



**Bangladesh Power Development Board**  
**DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation  
Tel : 9564667, 9551095

Month: December, 2018		Day : Friday		Date : 28.12.18								
Probable Maximum Demand : 7800 MW		Probable Maximum Generation : 12354 MW										
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 98.72 ft		Today = 98.67 ft								
				Rule Curve = 103.40 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.12.18 (Yesterday)		28.12.18 (Today)		27.12.18 (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)		
<b>(A) Plants in operation:</b>												
1	a) Ghorasal ST-Unit-1	Gas (PDB)	1 x 55	55	40	35	35	35	35			
	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	255	228	100	100			On Test
	e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0			
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	180	280	350	350			
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	50	50			
4	Ghorasal 78.5MW (Max)	Gas (ORPP)	2x40	78	78	0	0	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	300	290	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	465	350	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	355	345	412	412			
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	100	100	100	200			
13	Siddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	75	180	200	220			
14	Siddirganj (Desh)	HSD (ORPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangla)	HFO (ORPP)	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 (ORPP)	12x8.9	100	100	0	7	100	100			
18	Madanganj (Summit)	HFO (ORPP)	6x17	102	100	0	15	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	42	42	55	55			
20	Keraniganj (Powerpac)	HFO (ORPP)	8x13.45	100	100	0	0	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	0	16	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22			
23	Summit Power, (Madhabdi+Ashula)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	57	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	33	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	26	36	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	33	45	45			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	47	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	56	130	130			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
33	Bramhangonj 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
34	Acurahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
35	Southern Power	HFO (IPP)	3x19.3	55	55	0	0	36	36			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	18	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	46	8	46			
<b>Dhaka Zone Total</b>			<b>6034</b>	<b>5798</b>	<b>1993</b>	<b>2327</b>	<b>4099</b>	<b>4488</b>	<b>390</b>	<b>0</b>		
38	Kaptai Hydro-Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	32	41	70	189			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	120	130	150	150	50		Gas Shortage
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	20.31	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	50	50	50	50			
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	120	100	150	150			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225		Gas Shortage
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	30	40	40	40			
47	Julda (Acorn)	HFO (ORPP)	8x13.45	100	100	20	50	90	90			
48	Julda (Acorn) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	92	92	100	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	37	68	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	25	70	70			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			5	28	20	30			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	19	33	90	100			
<b>Chattogram Zone Total</b>			<b>1761</b>	<b>1681</b>	<b>555.31</b>	<b>673</b>	<b>965</b>	<b>965</b>	<b>684</b>	<b>0</b>		
53	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage
	b) Ashuganj ST-Unit-4	Gas (APSCL)	1 x 150	150	129	80	80	80	80			
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	80	80	80	80			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	37	40	40	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	240	260	260			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	7	7	7	7			
59	Ashuganj (United)	Gas (ORPP)	14x4.00	53	53	5	5	5	5			
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	6	42	42	42			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	100	150	150			
63	Brahmanbaria (Aggreco)	Gas (ORPP)	86x1.10	85	85	5	85	85	85			
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	9	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	126	70	180	180			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	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	8	24	0	33			
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	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)	6x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
**	Tripura	India		160	160	92	118	88	118			
<b>Cumilla Zone Total</b>			<b>2951</b>	<b>2891</b>	<b>1348</b>	<b>1552</b>	<b>1761</b>	<b>2116</b>	<b>135</b>	<b>0</b>		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	154	151	150	151	51		Gas Shortage
74	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	20	20			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	73	79	80	80			
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	40	100	200	200			
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.7	0	2	0			
<b>Mymensingh Zone Total</b>			<b>530</b>	<b>522</b>	<b>285.7</b>	<b>350</b>	<b>452</b>	<b>451</b>	<b>51</b>	<b>0</b>		

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.12.18 (Yesterday)		28.12.18 (Today)		27.12.18 (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 CCPP-1	Gas (PDB)	2x32+1x33	97	70	57	24	30	30					
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	63	63	63	63					
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	51	51	51					
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	21	21	21					
82	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	100	100	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	66	53	66	66					
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	216	217	225	225					
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	86	86	86					
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	10	49	50	50					
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	96	78	100	130					
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20					
90	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	22	24	50	50					
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	0	10					
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	8	25	25					
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	310	280	341	341					
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test		
<b>Sylhet Zone Total</b>					<b>1594</b>	<b>1549</b>	<b>1051</b>	<b>1074</b>	<b>1239</b>	<b>1342</b>	<b>0</b>	<b>0</b>		
94	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46					
95	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	360	350	40	410					
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	30	0	40					
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	40	0	80					
98	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0					
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	32	115	115					
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	0	100	100					
101	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40					
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	53	105	105	105					
**	Bheramara HVDC Interconnector	India		1000	1000	546	691	553	701					
<b>Khulna Zone Total</b>					<b>2223</b>	<b>2209</b>	<b>999</b>	<b>1288</b>	<b>953</b>	<b>1637</b>	<b>0</b>	<b>0</b>		
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	80	110	110					
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	25	20	20					
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	98	156	150	170					
107	Bhola Agrekeo 95 MW	Gas (QRPP)	1.1x96	95	95	53	27	95	95					
<b>Barishal Zone Total</b>					<b>472</b>	<b>462</b>	<b>168</b>	<b>288</b>	<b>375</b>	<b>425</b>	<b>0</b>	<b>0</b>		
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	16	0	50					
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	40					
111	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50					
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	26	90	100					
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	50	50					
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50					
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	23	0	35					
116	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage		
117	Sirajganj CCPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	0	178	220	220					
118	Sirajganj CCPP-3 GT	Gas (NWPGL)	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	22	22	22	22					
121	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	5	5					
122	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11					
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	25	43	43	43					
<b>Rajshahi Zone Total</b>					<b>1556</b>	<b>1546</b>	<b>57</b>	<b>374</b>	<b>541</b>	<b>676</b>	<b>804</b>	<b>0</b>		
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	70	72	71	72	13		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	17					
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	14	0	15					
<b>Rangpur Zone Total</b>					<b>564</b>	<b>484</b>	<b>219</b>	<b>252</b>	<b>221</b>	<b>254</b>	<b>138</b>	<b>85</b>		
<b>Sub-total: Plants in operation</b>					<b>17685</b>	<b>17142</b>	<b>6676</b>	<b>8178</b>	<b>10606</b>	<b>12354</b>	<b>2202</b>	<b>85</b>		
<b>Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss</b>							<b>6314</b>	<b>7735</b>	<b>10031</b>	<b>11685</b>				
<b>Gross Total</b>					<b>17685</b>	<b>17142</b>	<b>6676</b>	<b>8178</b>	<b>10606</b>	<b>12354</b>	<b>2202</b>	<b>85</b>		
<b>(B) Actual data of 27.12.18 (Yesterday) Thursday :</b>														
01.	Max. Demand (Generation end)	:	8178.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	7735.00	MW, at = 19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	:	8178.00	MW, at = 19:00 hrs		MW	MW	MW		MW	MW	MW		
04.	Minimum Generation (Generation end)	:	4777.00	MW, at = 5:00 hrs	Dhaka	2820	2820	0	Mymensingh	580	580	0		
05.	Day-peak Generation (Generation end)	:	6676.01	MW, at = 12:00 hrs	Chattogram	811	811	0	Sylhet	309	309	0		
06.	Evening-peak Generation (Generation end)	:	8178.00	MW, at = 19:00 hrs	Khulna	992	992	0	Barishal	197	197	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs	Rajshahi	811	811	0	Rangpur	546	546	0		
08.	Generation shortfall at evening peak due to :				Cumilla	669	669	0	Total	7735	7735	0		
	a) Gas limitation	:	1875	MW	12.	Fuel cost :	(a) Gas = 87243972 Taka	(c) Coal = 24265079 Taka						
	b) Low water level in Kaptai lake	:	189	MW		(b) Oil = 83924929 Taka	Total = 195433981 Taka							
	c) Plants under shut down/ maintenance	:	85	MW	13.	Maximum Temperature in Dhaka was :	24.2° C							
09.	Total Energy (Generation + India Import)	:	153.02	MKWh	14.	Export through East-West interconnections :								
	By Gas = 119.538	MKWh	By Oil = 12.216	MKWh		At evening peak-hour	:	-600	MW, at 19:00 hrs					
	By Coal = 5.327	MKWh	By Hydro = 0.813	MKWh		Maximum	:	-660	MW, at 18:30 hrs					
	By Solar= 0.139	MKWh												
10.	Total Gas Supplied	:	1042.20	MMCFD		Energy	:	5.5510	MKWh					
<b>(C) Forecast of 28.12.18 (Today) Friday :</b>														
01.	Maximum Demand	:	7800	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)					
02.	Maximum Generation	:	12354	MW (Generation end)	05.	Total Generation	:	145.94	MKWh					
03.	Maximum Shortage	:	-4554	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	22.9° C						

\* Captive Power \*\* Imported Power

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

(MONIRUZZAMAN)  
Deputy Secretary, Generation