



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month: November, 2018					Day : Friday				Date : 30.11.18				
Probable Maximum Demand : 7600 MW					Probable Maximum Generation : 11164 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 100.37 ft		Today = 100.32 ft		Rule Curve = 106.10 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.11.18 (Yesterday)		30.11.18 (Today)		29.11.18 (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	37	37	37	37				
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	35	30	30	30				
	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	380	380	380	380				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	62	101	101	101				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	35	81	78	78				
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	357	300	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	380	340	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	365	362	370	370				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0				
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	225	225				
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100				
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	40	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	75	100	100				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	11	48	100	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	48	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	50	102	102	102				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	22	0	22				
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	48	48	49	49				
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	25	25				
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	17	17	25	25				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	37	43	43	43				
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	65	133	133				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	40	46	43	48				
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54				
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	265	300	300				
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	31	123	133	133				
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300				
34	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100				
36	Southern Power	HFO (IPP)	3x19.3	55	55	0	36	55	55				
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	56	55	55				
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	46	46	47	47				
Dhaka Zone Total				6084	5848	2132	2805	4160	4287	580	0		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	40	100	100	190		Water Level Low	
40	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	160	160	160	160	20	Gas Shortage		
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage		
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25				
42	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.7	0	20	0				
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	10	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	133	131	131	150				
46	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	203	202	225	225				
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	40	40	40				
48	Julda (Acomr)	HFO (QRPP)	8x13.45	100	100	0	20	100	100				
	Juldah 100 MW Unit-3	HFO (IPP)				70	100	100	100		On Test		
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	2	64	51	51				
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	80	80				
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	14	0	10				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	86	92	92				
Chattogram Zone Total				1661	1581	708.7	914	1196	1205	430	0		
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	120	120	120	120				
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	100	120	90	90				
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	135	135	0	135				
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	40	40	40				
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	204	184	221	221				
56	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	25	330	305	305				
57	Ashuganj CAPP(North)	Gas (APSCL)	1x360	360	360	0	0	0	0	360	Under Maintenance	03.12.18	
58	Ashuganj (Precision)	Gas (RPP)	15'4	55	55	20	5	5	5				
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	53	5	5	5				
60	Ashuganj Modular 195 MW	Gas (IPP)	20'9.73+1'116	195	195	180	64	8	8				
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51				
	Midland 150MW	HFO (IPP)				0	0	0	0		On Test		
62	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	85	85	85	85				
63	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50				
64	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	135	140	100	100				
	Chandpur Desh 200MW	HFO (IPP)				48	149	200	200		On Test		
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	19	22	22				
66	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33				
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	13	52	52	52				
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	13	22	22	22				
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200				
**	Tripura	India		160	160	90	114	96	121				
Cumilla Zone Total				2601	2541	1378	1679	1666	1876	0	360		
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	88	106	55	70				
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
73	Jamulpur IPP	HFO (IPP)	12x8.924	95	95	71	77	79	79				
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	50	160	180	185				
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	2	0				
Mymensingh Zone Total				530	522	233.3	365	338	356	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.11.18 (Yesterday)		30.11.18 (Today)		29.11.18 (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	26	26	26	26				
77	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	77	77	76	76				
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	53	51	51				
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	50	44	44				
80	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	100	163	163				
81	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	11				
82	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	63	69	66	66				
83	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0	330		Under Maintenance	04.12.18
84	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	86	86	86	86				
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	46	48	50	50				
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	137	80	79	79				
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	20	0	20				
88	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	11	47	50	50				
89	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	9	0	10				
90	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	25	24	0	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)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	663	697	699	757	0	671		
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	297	260	310	310				
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	0	0	30				
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	57	0	75				
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	49	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	40	40	40	40				
100	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	35	105	105	105			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	463	458	305	465				
Khulna Zone Total				2223	2209	835	969	975	1270	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	80	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	12	19	26	26				
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	151	199	187	187				
105	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	96	96	95	95				
Barishal Zone Total				472	462	259	394	418	448	0	0		
106	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	70	70	70				
	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	8	0	50				
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	50				
109	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	26	93	93				
111	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	40				
112	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	39				
114	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	125	125	125	125				
115	Sirajganj CCPP 2	HSD (NWPGLCL)	1x150 + 1x75	220	220	125	125	125	125				
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	0	5				
120	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8				
121	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52				
Rajshahi Zone Total				1556	1546	404	491	595	779	100	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	150	150	150	124		Coal Shortage	
124	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18				
125	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18				
Rangpur Zone Total				564	484	149	150	150	186	209	85		
Sub-total: Plants in operation				17285	16742	6762	8464	10197	11164	1319	1116		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6382	7988	9624	10536				
(B) List of Contract Expired Power Plants :													
126	Khulna (Aggreko) 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	6762	8464	10197	11164	1319	1116		
(C) Actual data of 29.11.18 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	8464.00	MW,	at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	7988.00	MW,	at = 19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8464.00	MW,	at = 19:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	5181.00	MW,	at = 5:00 hrs	Dhaka	3105	3105	0	Mymensingh	555	555	0
05.	Day-peak Generation (Generation end)	:	6762.00	MW,	at = 12:00 hrs	Chattogram	920	920	0	Sylhet	307	307	0
06.	Evening-peak Generation (Generation end)	:	8464.00	MW,	at = 19:00 hrs	Khulna	950	950	0	Barishal	193	193	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 19:00 hrs	Rajshahi	790	790	0	Rangpur	506	506	0
08.	Generation shortfall at evening peak due to :					Cumilla	662	662	0	Total	7988	7988	0
	a) Gas limitation	:	920	MW		12.	Fuel cost :	(a) Gas = 93296508 Taka		(c) Coal = 14122582 Taka			
	b) Low water level in Kaptai lake	:	190	MW			(b) Oil = 118082600 Taka	Total = 225501690 Taka					
	c) Plants under shut down/ maintenance	:	1116	MW		13.	Maximum Temperature in Dhaka was : 27.3° C						
09.	Total Energy (Generation + India Import)	:	158.75	MKWh		14.	Export through East-West interconnections :						
	By Gas = 123.226	MKWH	By Oil = 17.635	MKWh			At evening peak-hour : -680 MW, at 19:00 hrs						
	By Coal = 3.659	MKWH	By Hydro = 0.922	MKWh			Maximum : -680 MW, at 18:30 hrs						
	By Solar= 0.150	MKWH											
10.	Total Gas Supplied	:	1038.05	MMCFD			Energy : 3.2140 MKWh						
(D) Forecast of 30.11.18 (Today) Friday :													
01.	Maximum Demand	:	7600	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	11164	MW	(Generation end)	05.	Total Generation : 142.55 MKWh						
03.	Maximum Shortage	:	-3564	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 27.3° C						

\* Captive Power \*\* Imported Power

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

(MONIRUZAMAN)  
Deputy Secretary, Generation