



Bangladesh Power Development Board DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month: November, 2018				Day : Sunday				Date : 25.11.18							
Probable Maximum Demand : 8800 MW				Probable Maximum Generation : 12062 MW											
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 100.65 ft				Today = 100.60 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.11.18 (Yesterday)		25.11.18 (Today)		Rule Curve = 106.70 ft		24.11.18 (Yesterday)	25.11.18 (Today)	Status of Machines under shut-down/ Maintenance		
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :								
										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	37	37	37	37						
	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	159	200	200	200				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	320	380	365	365						
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0						
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	0	0						
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	40	40	40	40						
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110						
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	301	361	360	360						
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	400	400	225	225						
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	240	300	300	300						
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	160	191	210	210						
13	Shiddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	150	180	217	217						
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100						
15	Siddirganj (Dutch Bangla)	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	0	100	100						
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	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	32	102	102						
23	Narsingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	16	22	22						
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	40	39	49	49						
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25						
26	Summit Power, Rupganj	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25						
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	34	34	43	43						
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	133	133						
29	Kathpott 52 MW	HFO (IPP)	7x7.90	51	51	2	39	40	48						
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	54	54	54						
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	12	40	300	300						
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	46	32	133	133						
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300						
34	Bramhangan 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	0	55	55						
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	55	55	55						
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	46	46	46						
Dhaka Zone Total				6084	5848	2062	2581	4101	4209	580	0				
39	Kaptai Hydro Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	43	43	160	160	187			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	8	25	25	25						
42	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.3	0	20	0						
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	45	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	132	130	120	150						
46	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	200	197	225	225						
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	8	33	40	40						
48	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100						
	Julda 100 MW Unit-3	HFO (IPP)				20	25	100	100				On Test		
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	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						
*	Malanchara, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			3	9	9	9						
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	4	92	92						
Chattogram Zone Total				1661	1581	621.3	744	1254	1264	427	0				
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	110	110	120	120						
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	80	100	90	90						
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	110	135	135	135						
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	40	40	40						
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	225	182	221	221						
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	250	257	260	260						
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0						
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	16	16	8	8						
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	25	51	51						
	Midland 150MW	HFO (IPP)				149	155	155	155				On Test		
62	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	6	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	88	89	90	90						
	Chandpur Desh 200MW	HFO (IPP)				0	56	200	200				On Test		
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22						
66	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11						
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	8	33	33	33						
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	25	52	52						
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	9	15	22	22						
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200						
**	Tripura	India		160	160	84	112	95	122						
Cumilla Zone Total				2601	2541	1217	1478	1900	1977	0	0				
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	139	204	202	202						
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22						
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	79	79	79						
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	7	200	200						
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0						
Mymensingh Zone Total				530	522	163.1	312	505	503	0	0				

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.11.18 (Yesterday)		25.11.18 (Today)		24.11.18 (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 CAPP-1	Gas (PDB)	2x32+1x33	97	70	26	25	26	26					
77	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	76	76	76	76					
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	53	51	51					
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	51	44	44					
80	Kushiera 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	130	163	163					
81	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	5	8	8	8					
82	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	61	67	66	66					
83	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0	330	Under Maintenance	28.11.18		
84	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	86	86	86					
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	49	49	50	50					
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	77	79	79					
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	20	20					
88	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	5	46	50	50					
89	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10					
90	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	24	25	25					
91	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	300	280	341	341					
	Bibiana- 3	Gas (PDB)				0	154	0	0		On Test			
Sylhet Zone Total				1594	1549	680	1155	1095	1095	0	330			
92	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30					
93	Bheramara 360 MW CAPP	Gas (NWPGCL)	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	50	75	75					
96	Khulna CAPP	HSD (NWPGCL)	1 x 150+1x75	230	230	0	0	0	0					
97	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	0	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	0	40	40	40					
100	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	70	105	105		On Test			
**	Bheramara HVDC Interconnector	India		1000	1000	471	665	688	688					
Khulna Zone Total				2223	2209	768	1085	1433	1493	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	0	110	110					
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	26	26	26					
104	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	188	187	194	194					
105	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	11	95	95	95					
Barishal Zone Total				472	462	216	308	425	455	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	0	50	50	50					
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	0	93	93					
111	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	40					
112	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50					
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	37	0	39					
114	Sirajganj CAPP 1	Gas (NWPGCL)	1x150+1x75	210	210	165	183	210	210					
115	Sirajganj CAPP 2	HSD (NWPGCL)	1x150 + 1x75	220	220	0	0	0	0					
116	Sirajganj CAPP-3 GT	Gas (NWPGCL)	1x141	141	141	97	112	141	141					
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	8	8	8					
121	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	0	50	52	52					
Rajshahi Zone Total				1556	1546	352	545	701	880	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	6228	8358	11564	12062	1316	415			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5866	7872	10892	11361					
(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	6228	8358	11564	12062	1316	415			
(C) Actual data of 24.11.18 (Yesterday) Saturday :														
01.	Max. Demand (Generation end)	:	8358.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	7872.00	MW, at = 19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	:	8358.00	MW, at = 19:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW		
04.	Minimum Generation (Generation end)	:	4789.00	MW, at = 5:00 hrs	Dhaka	3046	3046	0	Mymensingh	546	546	0		
05.	Day-peak Generation (Generation end)	:	6228.40	MW, at = 12:00 hrs	Chattogram	887	887	0	Sylhet	306	306	0		
06.	Evening-peak Generation (Generation end)	:	8358.00	MW, at = 19:00 hrs	Khulna	928	928	0	Barishal	193	193	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs	Rajshahi	776	776	0	Rangpur	506	506	0		
08.	Generation shortfall at evening peak due to :				Cumilla	684	684	0	Total	7872	7872	0		
a)	Gas limitation	:	920	MW	12.	Fuel cost :	(a) Gas = 89702697 Taka	(c) Coal = 14105984 Taka						
b)	Low water level in Kaptai lake	:	187	MW		(b) Oil = 79046460 Taka	Total = 182855141 Taka							
c)	Plants under shut down/ maintenance	:	415	MW										
09.	Total Energy (Generation + India Import)	:	150.94	MKWh	13.	Maximum Temperature in Dhaka was : 29.1° C								
	By Gas = 121.370 MKWH	By Oil = 10.185 MKWh			14.	Export through East-West interconnections :								
	By Coal = 3.654 MKWH	By Hydro = 0.980 MKWh				At evening peak-hour	:	-570	MW, at 19:00 hrs					
	By Solar= 0.138 MKWH					Maximum	:	-570	MW, at 19:00 hrs					
10.	Total Gas Supplied	:	1162.03	MMCFD		Energy	:	3.6560	MKWh					
(D) Forecast of 25.11.18 (Today) Sunday :														
01.	Maximum Demand	:	8800	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)					
02.	Maximum Generation	:	12062	MW (Generation end)	05.	Total Generation	:	158.92	MKWh					
03.	Maximum Shortage	:	-3262	MW (Generation end)	06.	Probable Max. Temperature in Dhaka	:	27.8° C						

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

(MONIRUZAMAN)
Deputy Secretary, Generation