



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: November, 2018				Day : Friday				Date : 23.11.18				
Probable Maximum Demand : 7900 MW				Probable Maximum Generation : 11727 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 100.75 ft	Today = 100.71 ft	Rule Curve = 106.80 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.11.18 (Yesterday)		23.11.18 (Today)		22.11.18 (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	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	248	120	263	263		On Test	
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage	
2	Ghorasal CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	250	270	365	365			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	94	94			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	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	95	95			
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	0	90	360	360			
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	450	450	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage	
11	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	265	245	300	300			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	97	100	100	100	110	Gas Shortage	
13	Siddhirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	208	213	217	217			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	24	100	100			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	0	0			
17	Meghnaghat CCGP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	70	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	50	100	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	48	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	46	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	84	102	102			
23	Narshingdi (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	51	44	57	57			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25			
26	Summit Power, Rugganj	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	33	133	133			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	12	39	40	40			
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	45	300	300			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	31	86	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	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	36	55	55			
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	37	55	55	55			
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	46	45	47	47			
Dhaka Zone Total				6084	5848	1948	2384	4367	4467	690	0	
39	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	44	72	140	140	158		Water Level Low
40	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	150	150	150	150	30	Gas Shortage	
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	80	0	0	0	180	Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25			
42	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.8	0	20	0			
43	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	47	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	130	130	150	150			
46	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	206	202	225	225			
47	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	18	40	40	40			
48	Julda (Aconr)	HFO (QRPP)	8x13.45	100	100	0	50	100	100			
	Juldah 100 MW Unit-3	HFO (IPP)				52	100	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	65	65			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			8	8	30	40			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	92	92	92			
Chattogram Zone Total				1661	1581	726.8	986	1260	1250	408	0	
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	100	150	150	150			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	135	135	135	135			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	27	39	40	40			
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	175	194	221	221			
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	246	253	260	260			
57	Ashuganj CCGP(North)	Gas (APSCL)	1x360	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	20	5	5			
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	73	102	100	100			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	25	25	51	51			
	Midland 150MW	HFO (IPP)				157	157	0	0		On Test	
62	Brahmanbaria (Aggreco)	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 CCGP	Gas (PDB)	1X106+1x57	163	163	88	89	90	90			
	Chandpur Desh 200MW	HFO (IPP)				0	50	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	33	33	33	33			
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	47	52	52			
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	13	22	22			
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200			
**	Tripura	India		160	160	88	120	100	127			
Cumilla Zone Total				2601	2541	1281	1550	1782	1859	0	0	
71	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	125	109	150	150			
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	20	20			
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	7	70	70	70			
74	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	55	150	200	200			
75	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0			
Mymensingh Zone Total				530	522	209.1	351	442	440	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.11.18 (Yesterday)		23.11.18 (Today)		22.11.18 (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	25	25	25	25				
77	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	74	76	76	76				
78	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	50	50	50				
79	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	48	47	44	44				
80	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
81	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8				
82	Shajibazar GT-Unit-8.9	Gas (PDB)	2x35	70	66	51	67	66	66				
83	Shajibazar 330 MW CCPP	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	10	89	86	86				
85	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	50	50	50	50				
86	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	100	79	0	0				
87	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	20	20				
88	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	43	47	50	50				
89	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	10	10	10				
90	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	25	25	25				
91	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	320	310	341	341				
Sylhet Zone Total				1594	1549	983	1065	1014	1014	0	330		
92	Bheramara GT- Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
93	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0				
94	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	7	0	30				
95	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	60	75	75				
96	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
97	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	64	99	99				
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	17	105	105	105		On Test		
**	Bheramara HVDC Interconnector	India		1000	1000	698	692	707	707				
Khulna Zone Total				2223	2209	755	968	1126	1186	0	0		
101	Barsal GT -Unit-1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
102	Summit Barsal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	64	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	18	26	26	26				
104	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	195	190	194	194				
105	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	94	96	95	95				
Barishal Zone Total				472	462	307	376	425	455	0	0		
106	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	60	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	0	0	50				
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	49				
109	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	9	51	93	93				
111	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	39				
112	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	10	50	50				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	31	0	31				
114	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	201	188	210	210				
115	Sirajganj CCPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	0	0	0	0				
116	Sirajganj CCPP-3 GT	Gas (NWPGL)	1x141	141	141	123	116	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	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52				
Rajshahi Zone Total				1556	1546	480	603	701	870	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	6839	8433	11267	11727	1407	415		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6489	8002	10691	11128				
(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	6839	8433	11267	11727	1407	415		
(C) Actual data of 22.11.18 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	8433.00	MW, at = 18:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8002.00	MW, at = 18:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	8433.00	MW, at = 18:00 hrs		Dhaka	3129	3129	0	Mymensingh	556	556	0
04.	Minimum Generation (Generation end)	:	4936.00	MW, at = 5:00 hrs		Chattogram	898	898	0	Sylhet	317	317	0
05.	Day-peak Generation (Generation end)	:	6838.90	MW, at = 12:00 hrs		Khulna	941	941	0	Barishal	195	195	0
06.	Evening-peak Generation (Generation end)	:	8433.00	MW, at = 18:00 hrs		Rajshahi	779	779	0	Rangpur	527	527	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 18:00 hrs		Cumilla	660	660	0	Total	8002	8002	0
08.	Generation shortfall at evening peak due to :					12.	Fuel cost : (a) Gas = 87009299 Taka (c) Coal = 14202870 Taka						
	a) Gas limitation	:	1040	MW			(b) Oil = 120860381 Taka Total = 222072550 Taka						
	b) Low water level in Kaptai lake	:	158	MW		13.	Maximum Temperature in Dhaka was : 29° C						
	c) Plants under shut down/ maintenance	:	415	MW		14.	Export through East-West interconnections :						
09.	Total Energy (Generation + India Import)	:	157.54	MKWh			At evening peak-hour : -580 MW, at 18:00 hrs						
	By Gas = 117.654	MKWH	By Oil = 17.583	MKWh			Maximum : -660 MW, at 20:00 hrs						
	By Coal = 3.680	MKWH	By Hydro = 1.299	MKWh									
	By Solar= 0.150	MKWH											
10.	Total Gas Supplied	:	1063.50	MMCFD			Energy : 4.0590 MKWh						
(D) Forecast of 23.11.18 (Today) Friday :													
01.	Maximum Demand	:	7900	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	11727	MW (Generation end)	05.	Total Generation	:	147.58	MKWh				
03.	Maximum Shortage	:	-3827	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

(MONIRUZZAMAN)
Deputy Secretary, Generation