



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month: October, 2018			Day : Monday				Date : 22.10.18								
Probable Maximum Demand : 10600 MW			Probable Maximum Generation : 12109 MW												
Water Level of Kaptai Lake at 06:00 AM															
Sl. No.	Name of Power Station	Yesterday = Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	Today = 103.01 ft.				Rule Curve = 108.00 ft.		Status of Machines under shut-down/ Maintenance	Description/ Remarks	Probable start-up date		
					21.10.18 (Yesterday)		22.10.18 (Today)		21.10.18 (Yesterday)					22.10.18 (Today)	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :					Machines shut down (MW)	
				Gas/water/Coal limitation MW											
				Day		Evening		Day		Evening					
(A) Plants in operation:															
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	33	33	33	33						
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	35	35	35	35						
	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	100		On Test				
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	110	110	0	0	80		Gas Shortage			
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	350	200	365	365						
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	94	22	94	94						
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	72	20	78	78						
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0						
6	Horipur GT : Unit-1.2	Gas (PDB)	2 x 32	64	40	20	20	20	20	20		Gas Shortage			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	110	110	110						
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	348	335	360	360						
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	0	0	0	0	450		Under Maintenance	05.11.18		
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	25	0	0	90		Gas Shortage			
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0	412		Under Maintenance	25.11.18		
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	185	150	180	180	60		Gas Shortage			
13	Siddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	216	220	222	222						
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	100	100	100						
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	50	81	84	84						
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	46	46	50	50						
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0						
18	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	7	100	100	100						
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	54	100	100	100						
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55						
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	30	100	100	100						
22	Gaganraj (Oron)	HFO (IPP)	12x8.924	102	102	41	102	102	102						
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22						
24	Summit Power (Mathabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	57	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	33	33	33	33						
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	25	34	43	43						
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	149	149	149						
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	40	40	40						
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54						
31	Summit Gazpur-2	HFO (IPP)	18x17.076	300	300	170	291	270	300						
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	98	116	110	115						
33	APR Energy, Keranigonj	HSD (IPP)	256x1.4	300	300	0	0	100	300						
34	Bramhanganj 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	11	0	100						
36	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	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	49	49	50	50						
Dhaka Zone Total				6084	5848	2390	2952	3251	3786	420	862				
39	Kaptai Hydro Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	90	135	130	135	95		Water Level Low			
40	a) Chittagong ST:Unit -1	Gas (PDB)	1 x 210	210	180	150	150	150	150	30		Gas Shortage			
	b) Chittagong ST:Unit -2	Gas (PDB)	1 x 210	210	180	150	150	150	150	30		Gas Shortage			
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25						
	Teknaf Solartech 20MW	Solar (IPP)				15	0	20	0						
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	18	30	24	30						
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	0	0	0	0						
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	230	205	217	225						
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	40	50	50	50						
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	90	100	100	100						
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	0	51						
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	83	0	80						
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22						
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			2	19	15	20						
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	12	99	100	100						
Chattogram Zone Total				1641	1561	816	1119	1003	1138	195	0				
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	120	100	100						
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	0	130	110	110						
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	0	0						
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	41	41	41	41						
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	0	0	0	150	221		Was Under Maintenance			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	338	305	360	360						
56	Ashuganj CCPP(North)	Gas (APSCL)	1x360	360	360	360	360	360	360						
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5						
58	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	53	5	5	5						
59	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	187	130	130	68						
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0						
61	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	85	60	85						
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	50	0	50						
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100						
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19						
65	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11						
66	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33						
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	25	0	52						
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	15	20	20						
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	10	100	200						
**	Tripura	India		160	160	108	144	115	142						
Cumilla Zone Total				2601	2541	1349	1585	1569	1911	0	221				
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	65	63	98	98	139		Gas Shortage			
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22						
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	35	70	73	73						
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	170	185	150	185						
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.9	0	2	0						
Mymensingh Zone Total				530	522	291.9	340	345	378	139	0				

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.10.18 (Yesterday)		22.10.18 (Today)		21.10.18 (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)		
75	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	54	54	60	60			
76	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	44	60	60	60			
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	43	49	40	40			
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44			
79	Kushiera 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	130	163	163	163			
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
81	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	62	65	66	66			
82	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	273	271	330	330			
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	86	86	86			
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	46	46	46			
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	98	80	130	130			
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	19	20	20			
87	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	42	46	46	46			
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10			
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	25	25	25	25			
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	310	300	341	341			
Sylhet Zone Total				1594	1549	1299	1335	1478	1478	0	0	
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30			
92	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	370	420	410	410			
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	30	0	40			
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	10	70	0	80			
95	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225			
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	0	0	0	0			
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	16	80	115	115			
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	50	0	100			
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	32	32	40	40			
	Labon Chora 105 MW	HFO				36	72	50	105			On Test
**	Bheramara HVDC Interconnector	India		1000	1000	742	745	761	761			
Khulna Zone Total				2228	2214	1206	1499	1376	1906	0	0	
100	Barisal GT :Unit-1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30			
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	96	80	110			
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	14	23	30	30			
103	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	181	178	188	188			
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	75	98	95	95			
Barishal Zone Total				472	462	286	395	393	453	0	0	
105	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	Under Maintenance
106	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	43	0	50			29.10.18
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	41	0	40			
108	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50			
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	100	93	93			
110	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	38	0	40			
111	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	16	43	43	43			
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	35	0	42			
113	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	184	218	210	210			
114	Sirajganj CAPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	189	220	220	220			
115	Sirajganj CAPP-3 GT	Gas (NWPGL)	1x141	141	141	0	0	0	0			
	Sirajganj Unit-4 414 MW(Gas)	Gas				0	0	0	0			On Test
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22			
117	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	5	5			
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8			
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	52	52	52			
Rajshahi Zone Total				1274	1264	435	875	703	875	71	100	
120	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage
121	Barapukuria ST:Unit - 3	Coal (PDB)	2 x 274	274	274	150	150	150	150	124		Coal Shortage
122	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	17			
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	19	0	17			
Rangpur Zone Total				564	484	150	186	150	184	209	85	
Sub-total: Plants in operation				16988	16445	8223	10286	10268	12109	1034	1268	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7680	9607	9590	11310			
(B) List of Contract Expired Power Plants :												
124	Khulna (Agreeko) 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				17043	16445	8223	10286	10268	12109	1034	1268	
(C) Actual data of 21.10.18 (Yesterday) Sunday :												
01.	Max. Demand (Generation end)	:	10286.00 MW, at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	9607.00 MW, at = 19:30 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	10286.00 MW, at = 19:30 hrs		Dhaka	3785	3785	0	Mymensingh	652	652	0
04.	Minimum Generation (Generation end)	:	6624.40 MW, at = 8:00 hrs		Chattogram	972	972	0	Sylhet	370	370	0
05.	Day-peak Generation (Generation end)	:	8222.90 MW, at = 12:00 hrs		Khulna	1155	1155	0	Barishal	233	233	0
06.	Evening-peak Generation (Generation end)	:	10286.00 MW, at = 19:30 hrs		Rajshahi	1006	1006	0	Rangpur	554	554	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:30 hrs		Cumilla	880	880	0	Total	9607	9607	0
08.	Generation shortfall at evening peak due to :				12.	Fuel cost :	(a) Gas = 103963286 Taka	(c) Coal = 14213292 Taka				
	a) Gas limitation	:	730 MW			(b) Oil = 246461241 Taka	Total = 364637819 Taka					
	b) Low water level in Kaptai lake	:	95 MW									
	c) Plants under shut down/ maintenance	:	1268 MW									
09.	Total Energy (Generation + India Import)	:	197.97 MKWh	13.	Maximum Temperature in Dhaka was : 33.2° C							
	By Gas = 139.062 MKWH	By Oil = 32.766 MKWh		14.	Export through East-West interconnections :							
	By Coal = 3.682 MKWH	By Hydro = 2.305 MKWh			At evening peak-hour	:	-280 MW, at 19:30 hrs					
	By Solar = 0.126 MKWH				Maximum	:	-370 MW, at 4:00 hrs					
10.	Total Gas Supplied	:	1212.91 MMCFD		Energy	:	1.7510 MKWh					
(D) Forecast of 22.10.18 (Today) Monday :												
01.	Maximum Demand	:	10600 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	12109 MW (Generation end)	05.	Total Generation : 204.02 MKWh							
03.	Maximum Shortage	:	-1509 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 31.8° C							

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

(MONIRUZZAMAN)
Deputy Secretary, Generation