



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Probable Maximum Demand :		11600 MW		Day : Saturday		Probable Maximum Generation :		14717 MW		Date : 12.10.19		Rule Curve = 107.00 ft.	
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 103.39 ft		Today = 103.33 ft		11.10.19 (Yesterday)		12.10.19 (Today)		11.10.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)	Description/ Remarks	Probable start-up date	
				Day	Evening	Day	Evening	Gas/water/Coal limitation MW					
Plants in operation:													
a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	36	36	38	38					
b) Ghorasal Repowered CCGP Unit-3	Gas (PDB)	1 x 210	210	170	124	199	210	210					On Test
c) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180				On Test (Gas Shortage)
d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190				Gas Shortage
Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	370	365	365					
Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0	108				Gas Shortage
Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78				Gas Shortage
Tongi 80 MW GTTP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105				Gas Shortage
Haripur GTTP	Gas (PDB)	2 x 32	64	40	0	0	0	0	40				Gas Shortage
Haripur 360MW CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	350	352	360	360					
Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	225	225	225	225					
210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115				Gas Shortage
Haripur 412 MW CCGP	Gas (EGCB)	1x273+1x139	412	412	403	345	412	412					
Siddhirganj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210				Gas Shortage
Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	338	335	335	335					
Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100					
Meghnaghat CCGP(Summit)	Gas (IPP)	2x110+1x110	305	305	0	0	0	0					
Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100					
Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	15	98	100	100					
Madanganj 55 MW PP(Summit)	HFO (IPP)	5x17.08-1x11.3	55	55	0	25	55	55					
Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100					
Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	0	0	100	100					
Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	12	19	22	22					
Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67-7x8.73	80	80	38	54	57	57					
Maons 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33					
Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33					
Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	43	43					
Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	100	100					
Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149					
Katpoti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	46	46					
Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	53	54	54					
Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	200	300					
Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	80	134	149	149					
Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	200	300					
Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100					
Aurahat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100					
Nababganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	0	0	55	55					
Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	17	55	55					
Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	70	70	70					
Dhaka Zone Total			6047	5811	2059	2390	3766	4166	1026	0			
Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	120	92	140	140					
a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0					
b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	120	120	120	120					
Kaptai 7 MW Solar PP	Solar (PDB)		7	7	5.132	0	4.4	0					
Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25					
Teknat 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	15.15	0	20	0					
Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	50	50					
Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	0	0	0	100					
Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	135	134	140	140					
Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	206	204	215	215					
Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	16	103	230	260					
Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	50	100	100					
Juldah 100 MW Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	0	50	100	100					
Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	34	85	85					
Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0					
Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	19	22	22					
Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			29	32	15	30					
Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	10	97	97	97					
Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54					
Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	113	113					
Chattogram Zone Total			2226	2166	656.282	935	1530.4	1651	0	0			
a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135				Gas Shortage
b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	0	0	0	0	129				Gas Shortage
c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	80	80	100	100					
Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	23	23	33	33					
Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	195	181	225	225					
Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	320	305	360	360					
Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	360	360	360	360					
Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	16	55	55	55					
Ashuganj 195MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	35	83	83					
Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	8	35	43	43					
Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	50	150	150					
Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50					
Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	87	0	90	90					
Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	200	200	200					
Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22					
Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11					
Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	4	33	33	33					
Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	25	52	52					
Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	10	20	20	20					
Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	9x11.4+4x11.515+15x1.05	200	200	0	0	0	200					
Impopt (Tripura)	India		160	160	106	148	117	166					
Cumilla Zone Total			2813	2753	1222	1583	1954	2253	264	0			
RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	178	205	205	205					
Tangal 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	95	95	95					
Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	80	115	115					
Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	0	200	200					
Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.6	0	1.6	0					
Mymensingh Zone Total			645	637	202.6	402	638.6	637	0	0			

Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.10.19 (Yesterday)		12.10.19 (Today)		11.10.19 (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)			
Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	60	60	60				
Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	32	32	32	32				
Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	11	39	51	51				
Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	49	50	50				
Kushiera 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	65	67	68	68				
Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	234	257	230	240				
Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	10	78	82	82				
Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	42	42	47	47				
Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	68	111	110	130				
Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	16	20	20				
Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	34	44	43	43				
Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24				
Bitiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	300	335	341				
Bitiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0				
Sylhet Zone Total			1994	1949	1038	1303	1336	1372	0	0		
Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	345	300	410	410				
Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	44	0	45				
Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	20	0	75				
Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	200	200				
Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	16	115	115				
Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	80	100				
Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	90	105	105				
Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	52	100	100				
Bheramara (HVDC)	India		1000	1000	421	902	922	922				
Khulna Zone Total			2328	2314	766	1464	1972	2142	0	0		
Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	64	70	110				
Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	19	31	33	33				
Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	173	173	182	182				
Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	35	97	95	95				
Barishal Zone Total			472	462	227	365	380	450	0	0		
a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71	Under Maint.	25.10.19	
b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Under transformer Maint.	20.10.19	
Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	0	50				
Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45				
Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	0	50	30	50				
Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	37	80	92				
Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	46	46				
Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	31	0	35				
Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	178	189	214	214				
Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0				
Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	195	203	220	220				
Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	415	370	400	400				
Bogra 22 MW PP (G8B)	Gas (RPP)	6x4.0	22	22	19	22	22	22				
Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	17	20	20				
Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	43	52	52				
Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	0	35	113	113				
Rajshahi Zone Total			2080	2070	820	1108	1458	1620	0	171		
a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Maintenance	18.10.19	
b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	59	0	0	0	85	Under Maintenance	15.10.19	
Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	280	280	280	280				
Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	17	0	16				
Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	81	113	113				
Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	17	0	17				
Majpara, Tabulia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	3.1	0	8	0				
Rangpur Zone Total			685	605	342	395	401	426	0	170		
Sub-total: Plants in operation			19290	18767	7333	9945	13436	14717	1290	341		
					6985	9379	12798	14019				
(B) Contract expired power plants												
Ashuganj 53MW PP (United)	Gas (QRPP)	14x4.00	53	53	0	0	0	0		Contract expired		
Brahmanbaria 85 MW PP (Aggreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0		Contract expired		
Sub-Total: Plants under long term maintenance			138	138	0	0	0	0				
Gross Total			19428	18905	7333	9945	13436	14717	1290	341		
Actual data of 11.10.19 (Yesterday) Friday :												
Max. Demand (Generation end)	: 9945.00	MW, at = 19:30 hrs P			12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
Max. Demand (Sub-station end)	: 9379.00	MW, at = 19:30 hrs P			Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
Highest Generation (Generation end)	: 9945.00	MW, at = 19:30 hrs			MW	MW	MW	MW	MW	MW	MW	MW
Minimum Generation (Generation end)	: 6574.16	MW, at = 8:00 hrs			Dhaka	3326	3326	0	Mymensingh	771	771	0
Day-peak Generation (Generation end)	: 7332.98	MW, at = 12:00 hrs			Chattogram	909	909	0	Sylhet	424	424	0
Evening-peak Generation (Generation end)	: 9945.00	MW, at = 19:30 hrs			Khulna	1214	1214	0	Barishal	291	291	0
Evening Peak Load-shed (Sub-station end)	: 0.00	MW, at = 20:00 hrs P			Rajshahi	1214	1214	0	Rangpur	291	291	0
Actual Minimum Generation up to 8:00 hrs.	: 6835.90	MW, at = 7:00 hrs am			Cumilla	939	939	0				
Generation shortfall at evening peak due to :									Total	9379	9379	0
a) Gas limitation	: 1290	MW			13.	Fuel cost:	(a) Gas = 138879261	Taka	(c) Coal = 33724356	Taka		
d) Coal supply Limitation	: 0	MW					(b) Oil = 156984320	Taka	Total = 172603617	Taka		
b) Low water level in Kaptai lake	: 0	MW										
c) Plants under shut down/ maintenance	: 341	MW			14.	Maximum Temperature in Dhaka was :	33.2° C					
Total Energy (Generation + India Import)	: 193.47	MKWh			15.	Export through East-West interconnections :						
By Gas = 147.959	MKWh	By Oil = 15.759	MKWh			At evening peak-hour	: 20	MW, at 19:30 hrs PM				
By Coal = 7.714	MKWh	By Hydro = 2.840	MKWh			Maximum	: -10	MW, at 13:00 hrs				
By Solar= 0.126	MKWh					Energy	: 0.0595	MKWh				
Total Gas Supplied	: 1184.37	MMCFD										
Forecast of 12.10.19 (Today) Saturday :												
Maximum Demand	: 11600	MW (Generation end)			04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)			
Maximum Generation	: 14717	MW (Generation end)			05.	Total Generation	: 225.66	MKWh				
Maximum Shortage	: -3117	MW (Generation end)			06.	Probable Max. Temperature in Dhaka :	32.3° C					

(MONIRUZAMAN)
Deputy Secretary, Generation