

UTILITIES - Bismarck ND MSA (Table 17)

Water & Sewer			
Water Availability			
Major Source	Missouri River		
% of Population Increase Served from the Source	100%		
Water Treatment			
Name of Provider	City of Bismarck	City of Mandan	
Rated Capacity (mgd)	30	12	
Average Daily Demand (mgd)	10	2.79	
Peak Demand (mgd)	22.4	6.66	
Chemical Breakdown of Water	Calcium 27, Magnesium 17.3, Total Hardness 112, Total Alkanity 10, pH 9.0, Sodium 104	Calcium 78, Total Hardness 135, Total Alkalinity 69, pH 9.4, Sodium 70	
Cost	Tiered rate: \$2.29 per 100 cubic feet for first 100-400 cubic feet ; \$2.90 per 100 cubic feet anything over 400 cubic feet	\$2.90 (2017) per 100 cubic ft	
Water Connection Fee	No connection fee other than cost of meter and tap.	\$2.90 (2018) per 100 cubic ft Combined water/sewer base charge of: \$3.12 per 100 cubic ft (2017) \$3.23 per 100 cubic ft (2018)	
	Required improvement cost handled as special assessment and trunk charges which vary by size and location of site.	No connection fee.	
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Sewer Treatment			
Name of Provider	City of Bismarck	City of Mandan	
Type of Service	Secondary Treatment - Trickling Filters	Extended Aeration Activated Sludge	
Rated Capacity (mgd)	7.5	2.2	
Average Daily Demand (mgd)	6.7	1.6	
Peak Demand (mgd)	19.46	2.5	
Cost per 1000 Gallons	Tiered rate: \$2.41 per 100 cubic feet for first 100-400 cubic feet ; \$2.92 per 100 cubic feet anything over 400 cubic feet	\$1.65 (2017) per 100 cubic ft \$1.65 (2018) per 100 cubic ft Combined water/sewer base charge of: \$3.12 per 100 cubic ft (2017) \$3.23 per 100 cubic ft (2018)	
Sewer Connection Fee	No connection fee.	No connection fee.	
Electric Power			
Name of Company	Montana-Dakota Utilities Company		
Communities Served	149 in North Dakota -- 277 throughout five states		
Company-Net Importer or Exporter of Power	Net exporter of power		
% of Reserve Margin Including Generation & Net Purchases	15%		
Name of Power Pool Membership	MISO		
State Electric Power Deregulated (yes or no, if yes provide date of fully effective deregulation)	No		
General Electric Service - Rate 30			
Primary Service (Primary service is applicable to customers that own their own transformers, related equipment and distribution facilities downstream of the meter, satisfactory to the Company at primary voltages of 2,400 volts or greater) Basic Service Charge \$100	Demand Component		Energy Cost
	Winter (Oct - May)	Summer (June - Sept)	Energy Charge 1.751¢ / kWh
	\$11.00 / Kw	\$9.50 / Kw	**Plus F&PP 2.394¢ /kWh
	GRRR	GRRR	*Plus ECRR 0.071¢ / kWh
	\$.82212 / Kw	\$.82212 / Kw	*Plus TCA 0.350¢ / kWh
KVAR	KVAR	*Plus RRCA .620¢/kWh	
\$3.35	\$3.35	Total 5.186¢ / kWh	
		Adjust **monthly or *annually	
Secondary Service Basic Service Charge \$56	Demand Component		Energy Cost
	Winter (Oct - May)	Summer (June - Sept)	Energy Charge 2.751¢ / kWh
	\$9.50 / Kw	\$12.50 / Kw	**Plus F&PP 2.470¢ /kWh
	GRRR	GRRR	*Plus ECRR 0.071¢ / kWh
	\$.82212 / Kw	\$.82212 / Kw	*Plus TCA 0.350¢ / kWh
		*Plus RRCA .620¢/kWh	
		Total 6.262¢ / kWh	
		Adjust **monthly or *annually	
Natural Gas			
Name of Provider	Montana-Dakota Utilities Company		
Average Cost for Industrial Users (\$ per mcf)	\$0.718/dk - plus cost of gas (2016 Avg was \$2.884/dk) and base rate \$1,000/month		
Firm Contract Rates	\$0.730/dk - plus cost of gas (2016 Avg was \$3.948/dk) and base rate \$20/month		
Interruptible Service Rates	\$1.112/dk - plus cost of gas (2016 Avg was \$2.884/dk) and base rate \$175/month		

*Interim increase of 12.486% of amount billed under basic service charge and distribution delivery charge.