

UTILITIES DEPARTMENT – ANNUAL REPORT FOR 2007

Electric Department:

Peak Hourly Demand: August 20, 2007 at 5:00 p.m. 159,600 kWH

Minimum Hourly Demand: April 29, 2007 at 4:00 a.m. 47,200 kWH

Net System Distribution: 718,900,840 kWH

GIUD Net Generation: 622,941,625 kWH

Power Imports:

WAPA Hydro Import: 33,369,000 kWH

NPPD EA0 Import: 97,380,000 kWH

Wind Project Import: 3,108,215 kWH

Power Exports:

EA0 Export to NPPD: 37,948,000 kWH

MAPP Emergency Export: 132,000 kWH

Overhead and Underground Divisions:

Utility Poles Installed: 447

Overhead Wire Installed: 114,906 ft.

Street Lights Installed: 128

Underground Wire Installed: 83,022 ft.

Water Department:

Peak Pumping Day: July 7, 2007 30,176,802 gallons

Minimum Pumping Day: November 22, 2007 6,046,877 gallons

Total Groundwater Pumped: 5,082,505,292 gallons

Total Groundwater Pumped – Permit #10266 4,364,485,569 gallons

Total Groundwater Pumped – Permit #10267 785,483,280 gallons

Utilities Department Highlights for 2007

- Successfully operated the electric and water systems during the severe regional ice storm of the '06-'07 New Year's period.
- Maintained water system source water supply through that same ice storm, having to rebuild electric feeder circuits during the storm when a regional 230,000 volt transmission line collapsed across all power supplies to the Platte River Well Field.
- Completed installation of the federally mandated mercury monitoring equipment at Platte Generating Station, and completed initial design and first set of equipment specifications for procurement of the required mercury removal system.
- Successfully completed a major inspection and overhaul at the Platte Generating Station Power Plant.
- Began the process of investigating options to continue natural gas fuel supply to the Burdick Station Power Plant, working with the City of Hastings and Northwestern Energy. The regional natural gas pipeline system in the Grand Island area is currently loaded to near full capacity.
- Completed contract negotiations with Union Pacific Railroad for continued rail freight service to transport coal from the Wyoming coal fields to the Platte Generating Station Power Plant.
- Completed expansion of 115,000/13,000 volt Substations E and F. Substation construction was begun in 2001 with the substations being expanded over the next six years as electric load growth required.
- Initiated an Electric Rate Study which will evaluate financial requirements and evaluate the current rate structure to ensure that the rates accurately reflect the correct cost of service attributed to the various rate classes serviced by the utility.