

# Utilities

## Electricity

### City of Valley City:

- Owns and maintains the electric distribution system. Electrical power purchased from the [Western Area Power Administration \(WAPA\)](#) and [Missouri River Energy Services \(MRES\)](#).
- Two electric substations with 25 mega watt capacity each.
- Peak demand is 20 mega watt with load management.

### Cass County Electric Cooperative:

- Owns the source of power and has mine mouth generation with the power plant located adjacent to the mining operation; 50-year coal contracts that stabilize costs.
- Aggressive load management programs.
- Electrical power purchased from Minnkota Power Cooperative Inc.
- Serves over 32,000 accounts in 8 counties.

Energy cost analysis available for operations with an energy use profile including the monthly demand in kilowatts (kw) and energy usage in kilowatt hours (kwh).

## Water

### City of Valley City

- Sourced from wells in the Valley City aquifer and the Sheyenne River.
- Total storage capacity – over 2 million gallons with clear well capacity of 1.5 million gallons.
- Water treatment plant capacity – 4 million gallons per day.
- Pumping capacity – 3.5 million gallons per day; Excess capacity – 3 million gallons per day.

### Barnes Rural Water Users, Inc.

- Draws water from the Spiritwood Aquifer at Urbana, ND to serve over 1,050 accounts in 10 cities.
- Annual water consumption is 72 million gallons.

## Natural Gas

- Provided by Montana–Dakota Utilities; competitive rates are negotiable for large users.
- Sourced from Williams Pipeline.

## Sanitation

- Owned and operated by the City of Valley City.
- Sanitation/sewer services provided through 120 acres of lagoon cells and 10 lift stations.
- Over 192 million gallons of holding capacity over 6 months; Present load is 1M gallons per day.
- Excess capacity is 10 to 12 million gallons over 6 months. Transfer station.