Who we are

673,200 Customers
- 403,600 electric
- 269,600 natural gas

Total owned generation
- MT – 412 MW – regulated
  (includes 150 MW (regulation services))
- SD – 376 MW (baseload) – regulated

Approximately 123,000 square miles of service territory in Montana, South Dakota and Nebraska
• Generally A Liquid Trading Market at Mid-C
  • 2013/2014 Greater Volatility
• Market Reliance Increasingly Risky: Capacity!
• Negative Future Factors
  • Baseload Supply Being Taken Out-of-Service
• Economic recovery
• Export Capability to Canada
• Environmental Regulations – shutdowns, higher costs
• Build Paralysis – Regulatory Uncertainty
• Pressure on Natural Gas Supply
Gas Storage Levels

Working gas in underground storage compared with the 5-year maximum and minimum

billion cubic feet

Source: U.S. Energy Information Administration

Note: The shaded area indicates the range between the historical minimum and maximum values for the weekly series from 2005 through 2009.
Sources of Supply w/ Hydro Assets
QF - Qualified Facility under 1976 PURPA

- Coal (Colstrip 4) 26%
- New Hydro Excluding Kerr 38%
- Market Purchases 10%
- Thermal (QF/contract) 12%
- Wind (QF/contract) 10%
- Hydro (QF/contract) 1%
- Wind (Spion Kop) 2%
- Natural Gas 1%

Sources of Supply w/o Hydro Assets

- Coal (Colstrip 4) 26%
- Wind (QF/contract) 10%
- Thermal (QF/contract) 12%
- Market Purchases 48%
- Hydro (QF/contract) 1%
- Wind (Spion Kop) 2%
- Natural Gas 1%
Gain Approval NWE Hydro Acquisition
- Portfolio will be over 50% Wind and Water
Work With Government and Regulatory Agencies to Develop Workable Outcomes
Reward Portfolios with Renewables and Energy Efficiency
Allow States Flexibility and Time
Exempt Ancillary Services (DGGS a regulating service to support renewables)
Maintain Voltage Support on Tx System
Wind Farm Daily Generation Profile Example

Judith Gap (Red Trend) and Spion Kop (Green Trend) MW

NorthWestern Energy
Delivering a Bright Future
Regulating Plant Daily Generation Profile Example

The current CPS value is: 92.93
# of CPS violations left for month: 140

Unit 1 Minimum: 5.4
Unit 1 Maximum: 25.1
Unit 2 Minimum: 0
Unit 2 Maximum: 0
Unit 3 Minimum: 5.4
Unit 3 Maximum: 25.1

Dave Gates Generating Station at Mill Creek

DGGS Generation MW (Red Trend) and AGC Setpoint (Green Trend) - Historical Display

3/26/2014 12:00:00 AM 3/31/2014 12:00:00 AM