

# Minnesota Department of Commerce, Division of Energy Resources

Overview for House Energy Committee  
Bill Grant, Deputy Commissioner

# Division of Energy Resources

- ▶ Advocate on behalf of public interest in regulated utility matters
- ▶ Assist low income Minnesotans with heating assistance and weatherization services
- ▶ Help new energy technologies with market entry
- ▶ Oversee utility Conservation Improvement Program

# DER Overview continued

- ▶ Assist PUC with siting and permitting of large energy facilities
- ▶ Distribute information to individual energy users on actions to reduce energy usage
- ▶ Assist state agencies, local units of government and schools with energy efficiency financing tools
- ▶ Assure energy emergency preparedness

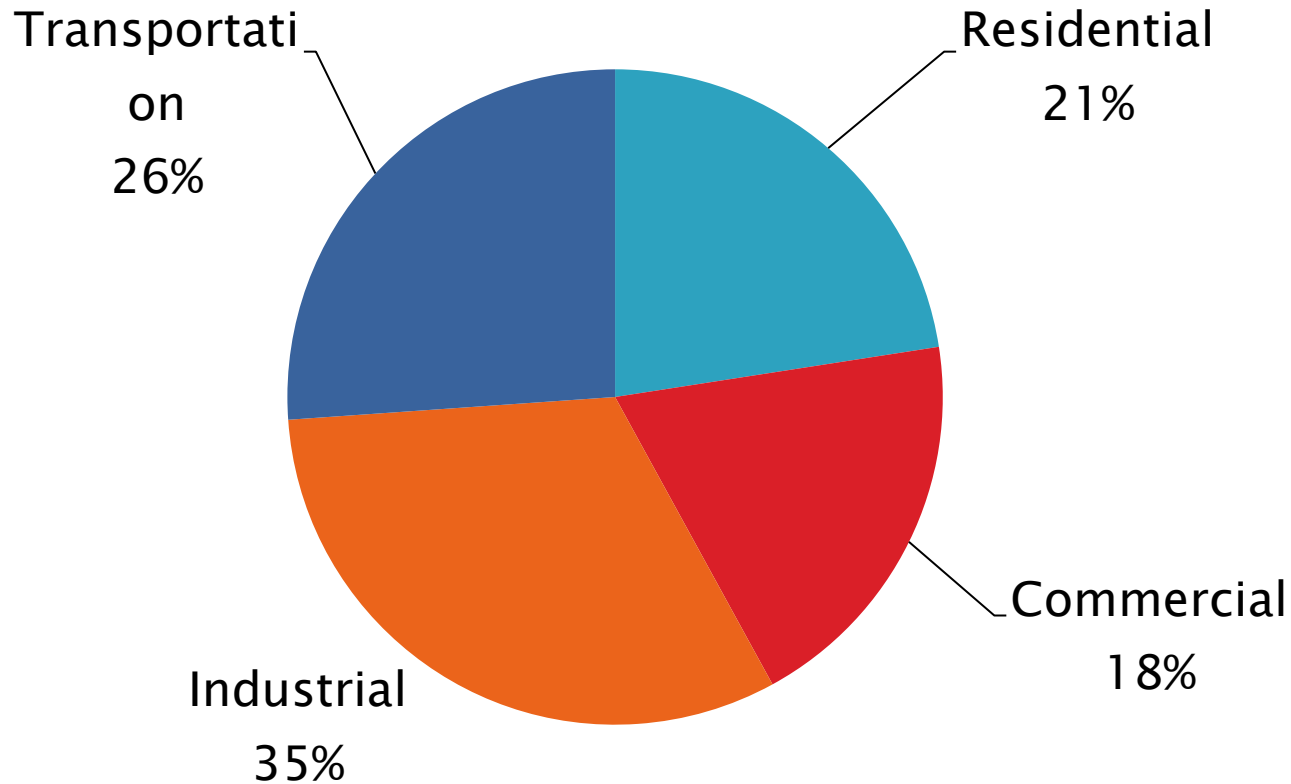
# DER Business Units

- ▶ Energy Planning & Advocacy – Kate O’Connell
- ▶ State Energy Programs – Janet Streff
  - Conservation Improvement Program – Jessica Burdette
  - Weatherization Assistance – Marilou Cheple
  - Deployment – Michelle Gransee–Bowman
- ▶ Energy Assistance Program – John Harvanko
- ▶ Energy Facility Permitting – Deb Pile

# DER Strategies

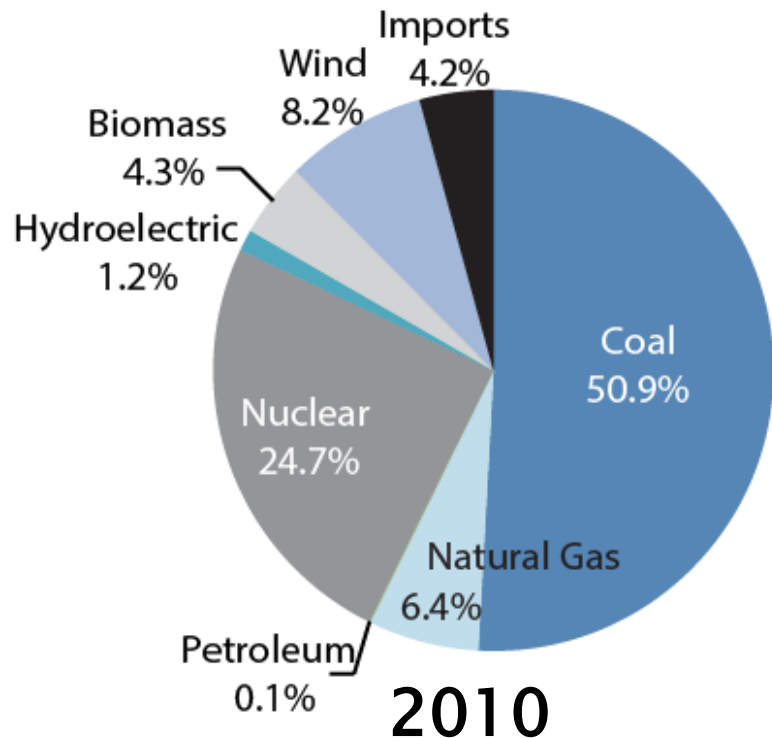
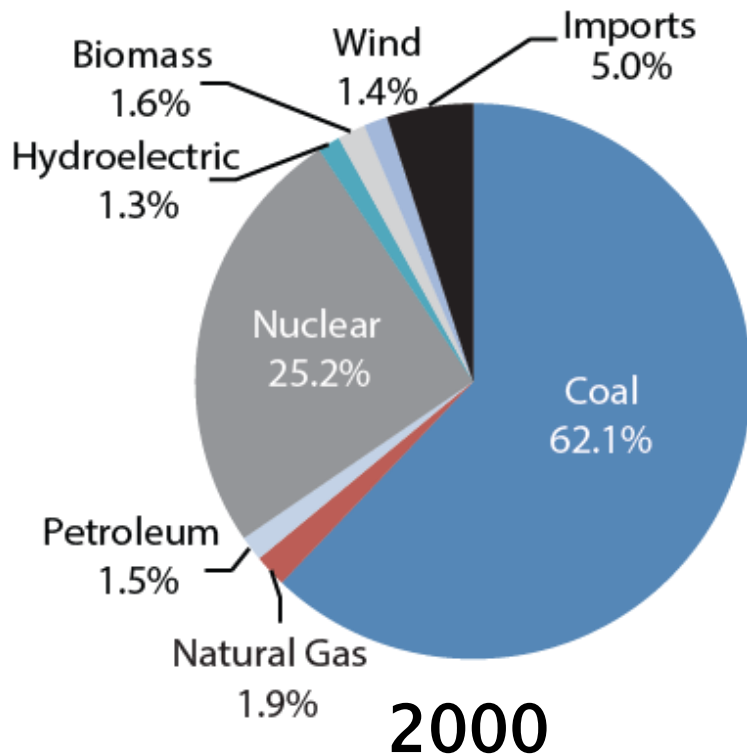
- ▶ Assure that Minnesota's energy system supports a strong economy, job creation, and healthy environment
- ▶ Ensure sufficient, reliable energy at reasonable costs
- ▶ Improve existing energy infrastructure while protecting ratepayers
- ▶ Advance state leadership in energy efficiency
- ▶ Expand state's renewable energy potential and energy business activity
- ▶ Continue to assist low income Minnesotans through financial assistance and energy conservation measures

# Minnesota's Energy Consumption by End Use Sector, 2010



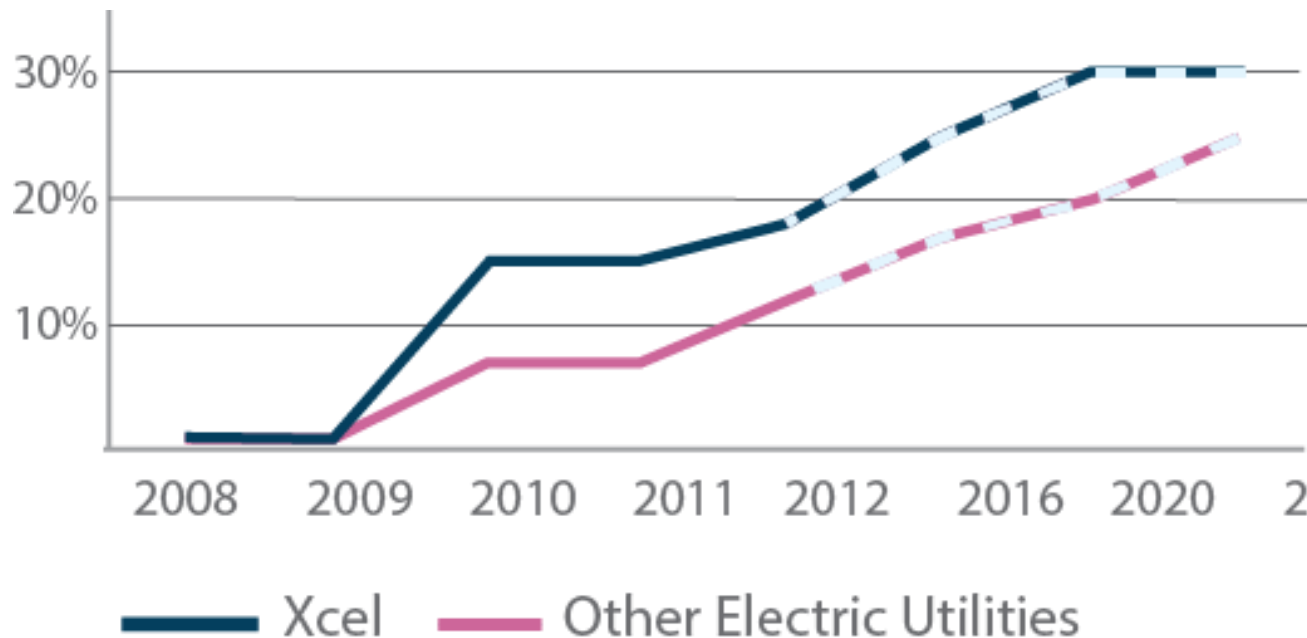
Source: State Energy Data System, Energy Information Administration, U.S. Dept of Energy

# Minnesota's Electricity Consumption by Source



Source: State Energy Data System, Energy Information Administration, U.S. Dept of Energy

# Portion of MN Electric Generation from Renewable Sources

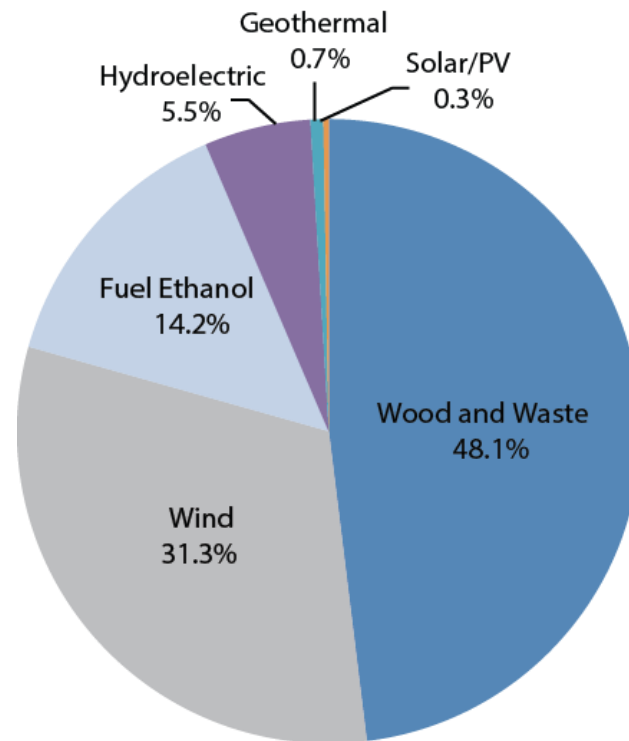


Source: Information reported by utilities to the MN Dept of Commerce as required by Minn. Stats. 216B.1691.  
Note: Line beyond 2012 indicates trend required to meet the Renewable Energy Standard.



# Renewable Energy

## Sources of Renewable Energy Consumption in MN, 2010, by BTU

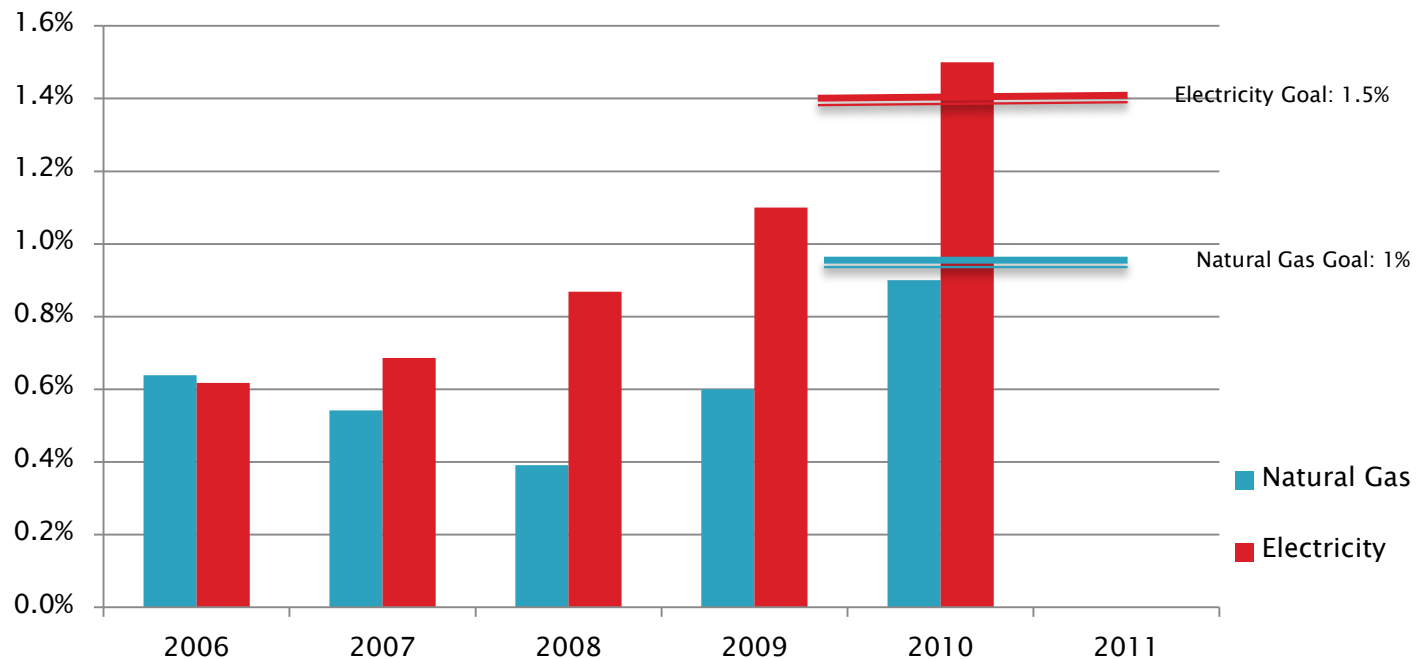


Source: State Energy Data System, Energy Information Administration, U.S. Dept of Energy

Notes: Hydroelectric based on MN production. Excludes losses and co-products from the production of fuel ethanol.

# Energy Efficiency

## Percent Savings From Energy Efficiency for Natural Gas and Electric Utilities



Source: Conservation Improvement Program, Minnesota Department of Commerce

# Q & A

▶ THANKS!