

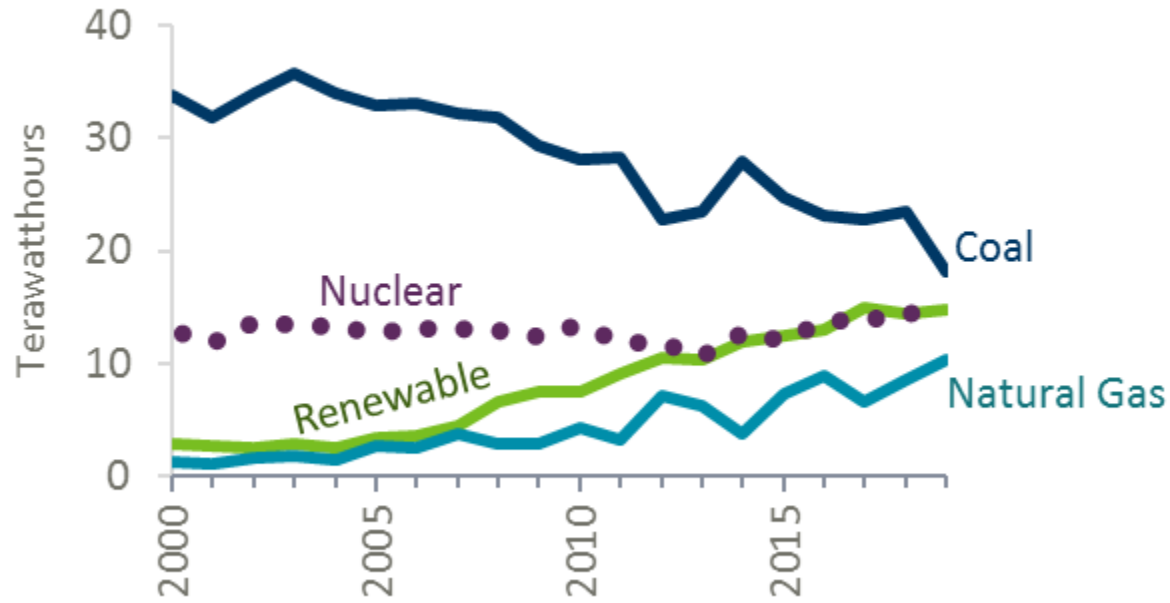
Minnesota Electric Power Landscape

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mn COMMERCE
DEPARTMENT
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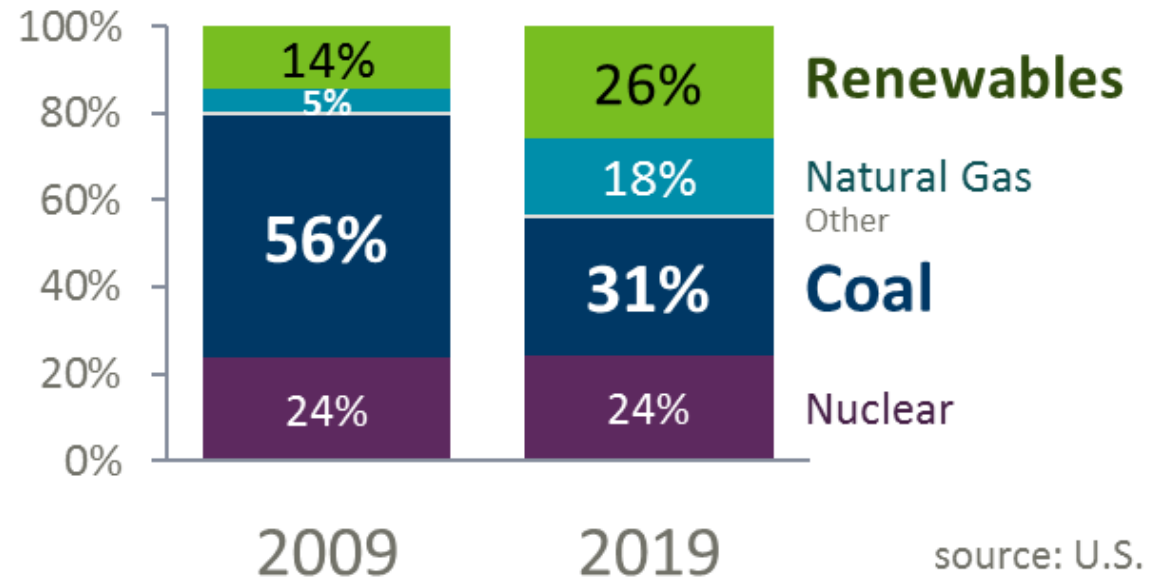
Minnesota Power Sector is Decarbonizing

MN Electricity Generation, 2000-2019



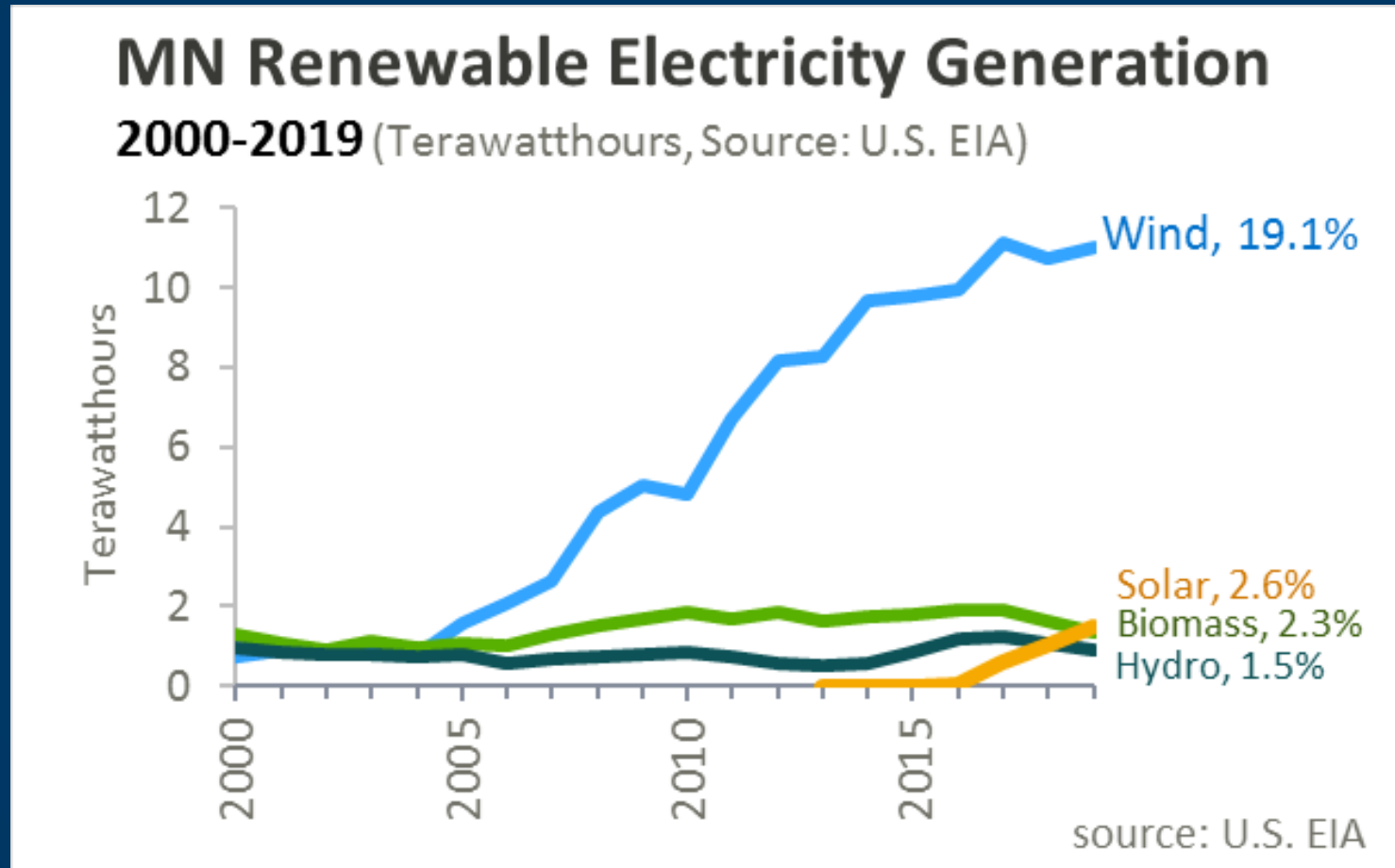
source: U.S. EIA

Electricity Generated in Minnesota



source: U.S. EIA

Renewables is currently dominated by Wind



Key Legislative Initiatives

- Next Generation Energy Act 2007

- Required regulated utilities to derive at least 25% of retail electricity sold from renewable energy sources by 2025. In addition, the Next Generation Energy Act established GHG goals across all sectors against a 2005 baseline, reducing them 15% by 2015, 30% by 2025, and 80% by 2050. In 2013 the Legislature amended the statute to require investor-owned utilities (Minnesota Power, Otter Tail Power, and Xcel Energy) to generate or procure 1.5% of their Minnesota retail electric sales from solar energy by 2020.
- Set an energy efficiency resource standard (EERS) for investor-owned electric and gas utilities in Minnesota. Starting Jan. 1, 2010, utilities are required to reduce retail energy sales by 1.5% each year using the latest three-year weather-normalized average

- Gov. Walz and Lt Gov. Flannagan's One Minnesota Path

- 100% carbon-free energy in the state's electricity sector by 2050. This standard would require all electric utilities in Minnesota to use only carbon-free energy resources by 2050, while allowing each utility the flexibility to choose how and at what pace they meet the standard
- Clean Energy First: The proposed policy says that a utility must prioritize energy efficiency and carbon-free energy resources over fossil fuels whenever it proposes to replace or add new power generation
- Energy Optimization: This proposal would raise Minnesota's Energy Efficiency Resource Standard for investor-owned electric utilities and expand the Conservation Improvement Program that helps Minnesota households and businesses save on their utility bills .