

Xcel Energy Drought Preparedness Efforts

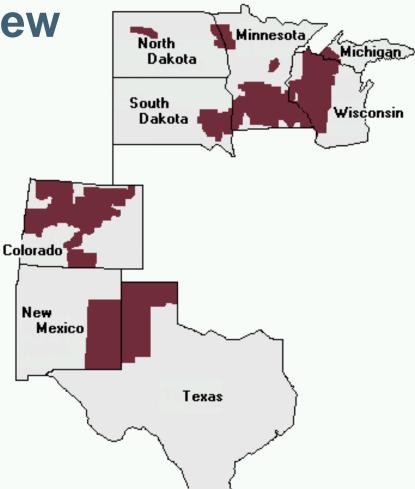
CWCB 2012 Drought Conference

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Xcel Energy Overview

- 3.4 million electricity customers and 1.9 million natural gas customers, serving eight states
- Wide variety of fuel sources and generating technologies
- Top provider of wind energy



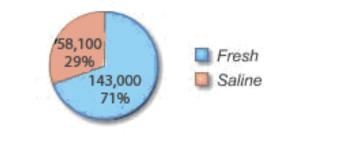


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Water - Energy Nexus

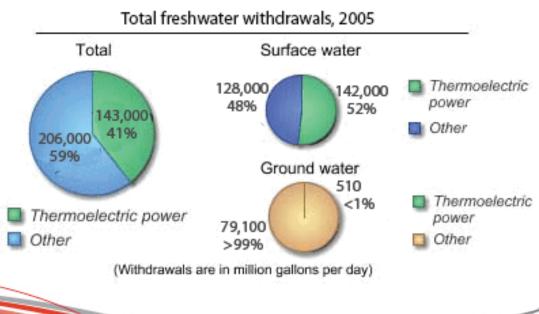
Thermoelectric-power water withdrawals, 2005

41% of surface water withdrawals used for thermoelectric generation



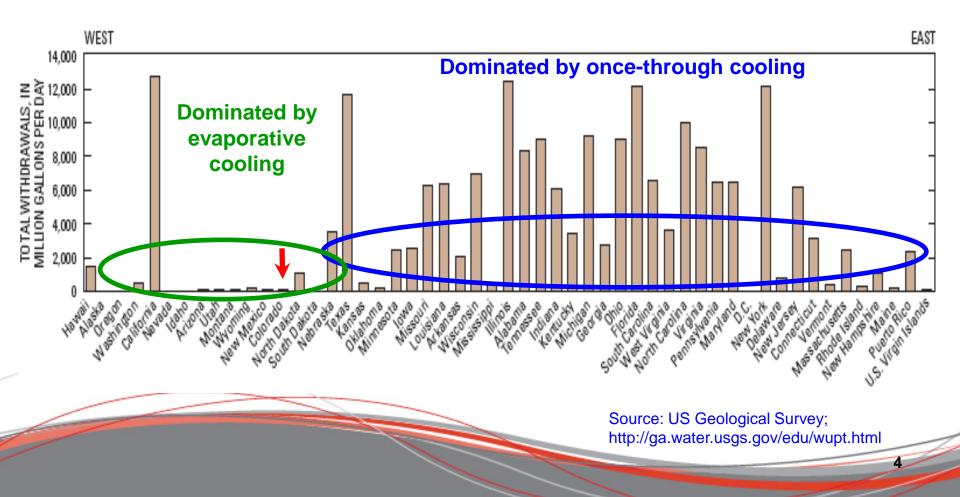
Withdrawal vs. Consumption

Source: US Geological Survey; http://ga.water.usgs.gov/edu/wupt.html

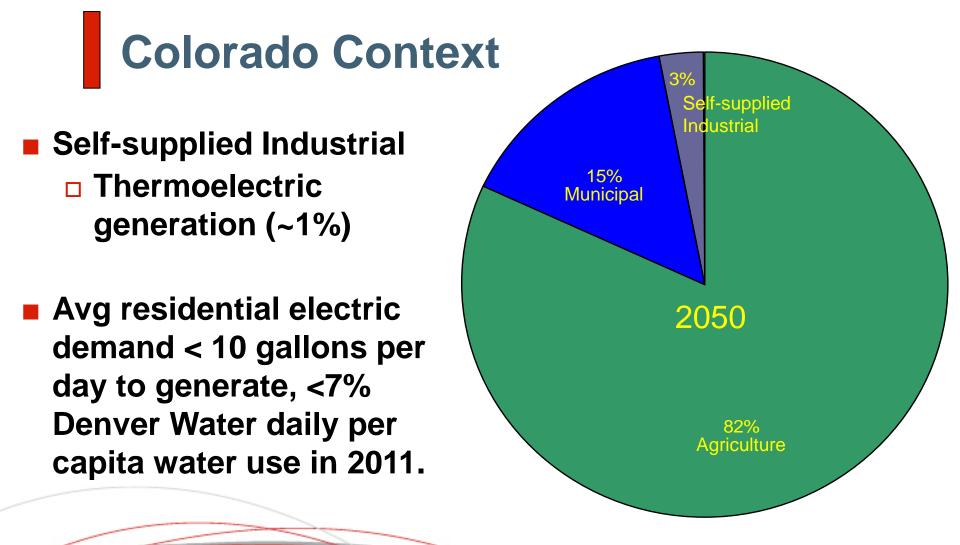




Water – Energy Nexus

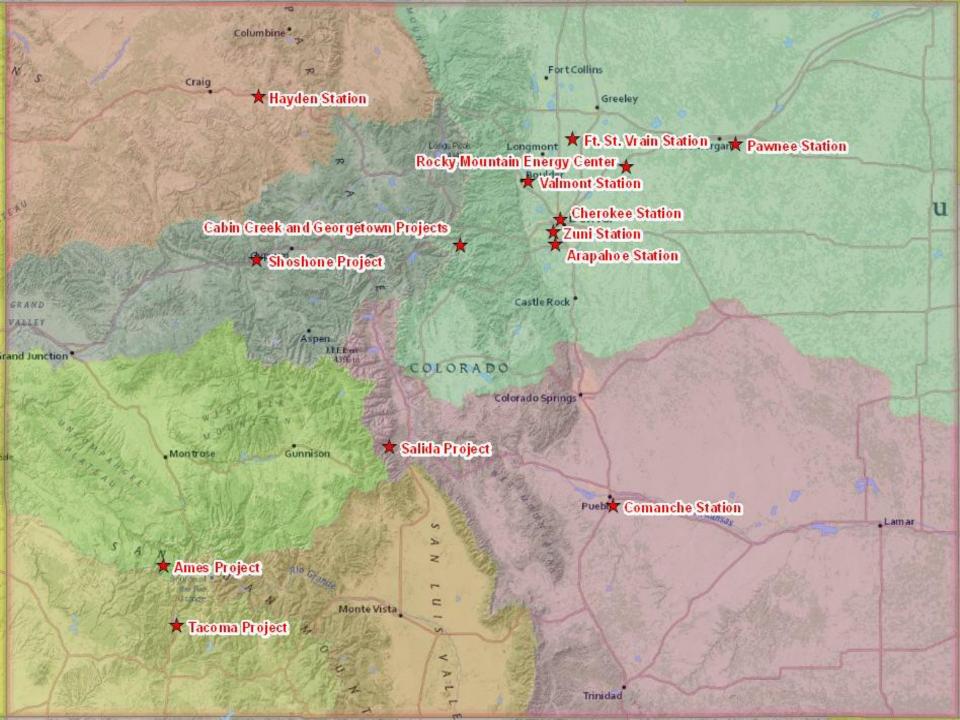




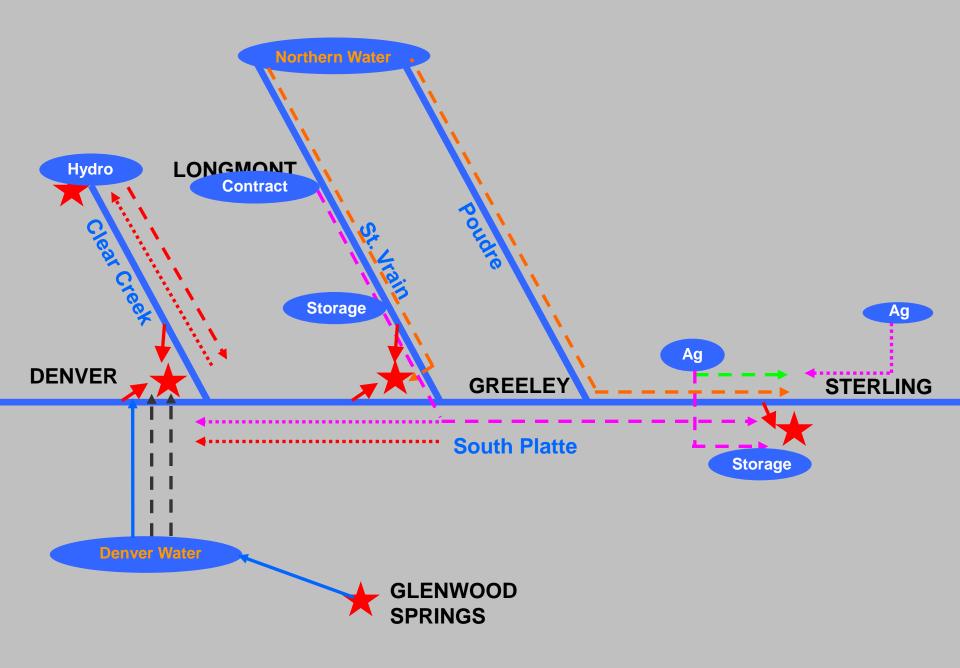


Source: Colorado Water Conservation Board

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Water Conservation

- Natural gas combined cycle
- Wind
- Demand-side Management
- Wastewater effluent for cooling
- Technology; Comanche 3 hybrid cooling
- Plant retirements; Valmont, Arapahoe and Cherokee Units 1-3 retired under Colorado's Clean Air-Clean Jobs project
- Good stewardship practices



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