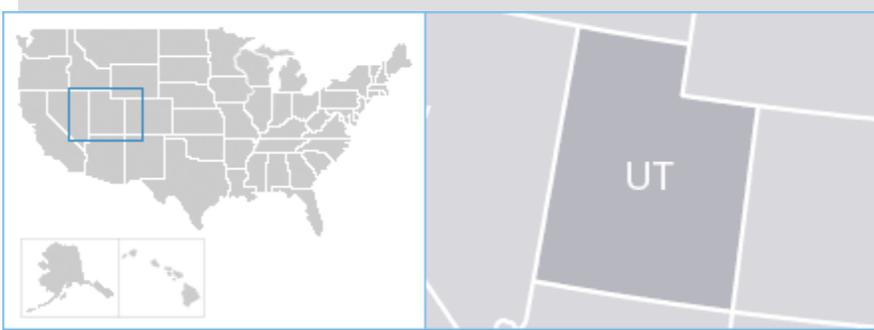


UTAH



The CHP market in Utah is somewhat favorable, though the state has seen very little new CHP activity recently. The state earned three out of a possible five points in ACEEE’s *Scorecard*, reflecting several good in-place policies. The state has had only two new CHP projects between 2005 and 2010: a 4.6 MW natural gas-fired combustion turbine installed at the University of Utah and a 7.6 MW natural gas-fired combustion turbine at a copper refinery.

The biggest barrier to greater CHP deployment in Utah is economics. The state has relatively cheap electricity prices and few opportunities for developers to earn revenue on excess power generation, though it does have good in-place interconnection standards. Utah’s net metering regulations only allow for systems up to 2 MW, and only those that use waste gas or waste heat—not new CHP systems. The state does not have a true RPS in place, but instead has a voluntary Energy Resource and Carbon Emission Reduction Initiative, which requires only that the state’s regulated utilities pursue renewable energy resources to the extent that it is “cost-effective” to do so. For the purposes of the initiative, waste heat and waste gas count as eligible renewable resources.

Rocky Mountain Power Company, the largest utility in the state, has been a “decent” partner in CHP and other distributed generation projects, though it does not have favorable standby rates for CHP projects, which can further hamper a project’s economics. Supporters do see some promise in future applications in the industrial and institutional sectors, and believe that, unlike other Southwest states, Utah is not dominated by wind or solar interests in discussions about alternative energy strategies. Developers and supporters remain hopeful that Utah will see an increasing amount of CHP in the future.

New CHP Sites (2005-2010):
2 sites (#34)

New CHP Capacity (2005-2010):
12.1 MW (#24)

Average Capacity per Site (2005-2010):
6.1 MW

Total Primary Energy Consumption (2008):
799 trillion Btu (#35)

Average Gas Price (2009):
\$7.36 per MCF (#48)

Average Electricity Price (2010):
7.10¢ per kWh (#46)

Energy Consumption by Sector

