

Resume

Ken Wilson

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Work Experience

2007 - present: TransGrid Consulting. Consulting with local smart grid firms such as Power Tagging and Spirae on business development, policy issues and grant proposals.

2010 - present: New Energy Development, LLC. Consulting work on Community Solar Gardens for various clients, including The City of Golden and Prairie Star (greenfield energy efficient development in Berthoud)

2005 – 2009: University of Colorado, Department of Ecology and Evolutionary Biology - research associate and graduate student, specializing in the ecology of microorganisms in mountain ecosystems and the impact of climate change.

1998 – 2007: Engineering consultant. Expert witness in telecommunications, specializing in network architecture, internet connectivity, and other technical aspects of local and long distance networks. Represented utilities in more than 100 hearings and technical workshops (list of cases available on request).

1980 – 1998: AT&T Bell Labs: Systems engineer specializing in network architecture, network performance, business plan development, asset management and contract negotiations. I managed professional groups at Bell Labs and AT&T from 1984 through 1998, rising to the level of Regional Director.

1977 – 1980: Engineering management at two small companies.

Elected and Appointed Positions

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| Deputy Mayor, City of Boulder | 2009 - Present |
| Boulder City Council | 2007 – Present |
| Urban Drainage and Flood Control District Board | 2009 – Present |
| Colorado Renewable Energy Society Policy Committee | 2010 - Present |
| Boulder Water Resources Advisory Board | 2002 – 2007 |

Education

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| MS Electrical Engineering – University of Illinois | 1974 |
| BS Electrical Engineering – Oklahoma State University | 1972 |
| MA Biology – University of Colorado | all but dissertation 2010 |

Recent Experience in Conservation and Renewable Energy

- **Community Solar Garden Legislation:** – I testified in favor of Community Solar Gardens at the State House of Representatives and the State Senate, helping to get a favorable bill that permits Solar Gardens throughout Xcel’s service area. I have worked at the Public Utilities Commission for good rules that will foster Solar Gardens. I have provided consulting for the City of Golden on Solar Gardens and for other clients who want to build them in the coming years.
- **Rocky Mountain Secure Smart Grid Initiative** – I worked with Colorado State University and Spirae (Ft. Collins Smart Grid Company) on a very large proposal to the Department of Energy. I was the project manager for this proposal. The proposal would have implemented smart grid demonstration projects in Boulder and other cities on solar energy, electric vehicles, and smart grid security.
- **Regional work on Renewable Energy** – I am a member of the Policy Committee for the Colorado Renewable Energy Society (CRES). This organization promotes renewable energy throughout Colorado. The Policy Committee works with State Legislators on bills that will facilitate more renewable energy.
- **Smart Regulations** – I negotiated with the leadership of the Boulder Area Realtor’s Association to make the new Smart Regs an ordinance that members could support and help implement. This program has been very successful in the first six months of implementation.
- **San Luis Valley Solar Project** – I consulted on a 100 MW Concentrating Solar Thermal power station for the San Luis Valley Development Resource Group: 2006 – 2008.
- **Solar MET Station for San Luis Valley:** I was instrumental in getting GEO to fund and NREL to install and monitor a solar MET Station near Alamosa, Colorado in June 2008 (Sun Spot One).
- **Climate Change Research:** I have conducted research on climate change impacts on mountain ecosystems, with an emphasis on carbon cycling under the snowpack by cold growing fungi: 2005 - 2009
- **Water resources:** As a former member of Boulder’s Water Resources Advisory Board, Board Chair, and now council member, I participated in Boulder’s Source Water Master Plan study and other water resource issues. I was the primary instigator for Boulder’s adaptation of a water budget rate structure, which gives new control and incentives for water conservation. I am currently a member of the Board of Directors of the Urban Drainage and Flood Control District.
- **Boulder County Consortium of Cities Sustainable Energy Plan** – I represented the City of Boulder on a county wide project for energy conservation, transportation and renewables.

Biographical Information

I have been married for 34 years to Priscilla Corielle. Our two children are G. Willow Wilson (author) and Meredith Wilson (Research Associate at Virginia Tech.). My family and I have lived in Colorado for 16 years after living in New Jersey for 18 years (Ken with Bell Labs and Priscilla with Merrill Lynch). I have been coming to Colorado since I was a child to camp and backpack. I have deep roots in Colorado, stretching back to a prospector in the Carbondale area in the 1880s and great great uncles who were blacksmiths in Carbondale dating from the 1920s.