

Curriculum Vitae

Kenneth L. Wilson

Western Resource Advocates
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Current Position

2012- Present Western Resource Advocates Engineering Fellow. Mr. Wilson has provided testimony, filed comments and prepared presentations in Colorado, Nevada, Arizona and Utah on distribution grid improvements and issues surrounding distributed energy resources, including battery storage and electric vehicles. He has also testified and provided comments in rate cases and resource plans.

Past Positions

2007-2012 Energy Consultant. Mr. Wilson worked as a consultant in smart grid systems engineering, project management and business development for companies and NGOs working on grid efficiency, renewable energy, and renewable integration. In 2009 Mr. Wilson was the Project Manager for a \$200 million smart grid grant proposal to DOE that included CSU, CU, NREL, Sandia Labs, Lincoln Labs, Spirae and other participants. Mr. Wilson was a consultant with Power Tagging, Inc. during 2010–2012, working on applications for a new smart grid communication technology. He has also done engineering consulting for renewable energy projects, including solar gardens, and electric vehicle companies.

1998-2007 Engineering Consulting, Boulder Telecommunications Consultants, LLC. Expert witness in telecommunications including testimony and case preparation at state and federal level with major telecommunications firms (AT&T, MCI, Level 3, and major CLECs). This work also included contract development and negotiations support.

1995-1998 AT&T Technical Negotiations Director, Local Service Organization Western Region – Technical leader of negotiations and witnessing team responsible for all aspects of AT&T’s contracts in 14 states with US WEST. Led technical planning for local infrastructure and Operations Support Systems “OSS” interfaces.

1994-1995 AT&T Bell Labs local infrastructure development and business analysis – technical lead for team evaluating local infrastructure alternatives and OSS.

1992-1994 Bell Labs Technical Director Network Deployment and Asset Management – key team leader on AT&T project to optimize network infrastructure by changing engineering rules and OSS processes.

1988-1992 Bell Labs MTS Supervisor responsible for network design and performance of the AT&T long distance network for business customers. Network performance planning for new business customer features. Competitive testing and analysis of multiple vendor networks.

- 1984-1987 Bell Labs MTS and MTS Supervisor, Cellular Telephone Development.
Responsible for systems requirements and systems testing of new cellular telephones.
- 1980-1984 Bell Labs MTS responsible for 4ESS switch feature and architecture planning.
- 1977-1980 Software, hardware and manufacturing engineering in two small companies.
- 1972-1976 Teaching Assistant, University of Illinois Department of Electrical Engineering.

Education

BS in Electrical Engineering, Oklahoma State University, 1972

MS in Electrical Engineering, University of Illinois, 1974

ABD for Ph.D. in Electrical Engineering, University of Illinois, 1976

MA in Environmental and Evolutionary Biology, University of Colorado, 2014

Elected and Appointed Positions

Mr. Wilson was elected to Boulder City Council in a special election in June 2007 and reelected in November 2007 and November 2011. While in this position he had the opportunity of evaluating Xcel Energy's Smart Grid City and many other energy issues, including Boulder's effort to become a municipal utility. His term in office was completed in November 2013. Mr. Wilson was appointed to Boulder's Water Resources Advisory Board by Boulder City Council in 2002 and served until March 2007.