

Ron Nelson

Director

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Education

MS, Agricultural and Resource Economics

Colorado State University, 2013

BA, Environmental Economics

Western Washington University, 2011

Work Experience

Director

Strategen / Portland, OR / 2018 - Present

- + Subject matter and testimony expert in advanced rate design, embedded and marginal cost of service modeling, performance-based regulation, and DER integration and compensation.
- + Designing policies and programs to advance deployment of distributed energy resources, demand-side management programs, energy storage and grid integration

Economist

Minnesota Attorney General's Office / St. Paul, MN / 2013 - 2017

- + Provided expert testimony on cost of service modeling, rate design, grid modernization and utility business models
- + Analyzing issues related to conservation incentive programs, value of solar, grid modernization, performance-based regulation, renewable energy program design, and MISO

Graduate Research Associate

Colorado State University / Fort Collins, CO / 2011 - 2013

- + Analyzed the ongoing impact of the 2011 drought in Colorado
- + Wrote and obtained grants, setting and managing their budgets, and delivering final research projects

Economic Research Assistant

Washington State University / Mount Vernon, WA / 2009 - 2011

- + Developed a payment for ecosystem services program for The Nature Conservancy
- + Established ecological metrics that could be monetized into economic benefits and estimating the benefits and costs to farmers

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Selection of Relevant Experience

Kentucky Public Service Commission

Net Energy Metering Successors and Staff Training / 2021 - Present

- + Strategen was selected by the Kentucky PSC to assist on NEM successor tariff design. Strategen will be assisting with the PSC with utility specific tariff design as well as training the staff on rate design approaches for future NEM related filings.

Fresh Energy

Xcel Energy C&I TOU / 2020 – Present

- + Strategen has proposed a TOU rate design for Minnesota's commercial and industrial customers. The purpose of the new C&I rate design will be to prioritize price responsiveness to incentivize load flexibility within the class.

California Energy Storage Alliance

Southern California Edison Wholesale Distribution Access Tariff at FERC / 2020 – 2021

- + Ron acted as CESA's rate design expert for SCE's energy storage charging tariff at FERC. The proceeding concluded with an innovative and beneficial rate design, largely designed by Strategen.

Massachusetts Attorney General's Office

Massachusetts DPU 19-55 and 20-75: DER Interconnection and Cost allocation 2019 - Present

- + Strategen was retained by the Massachusetts Attorney General's Office to provide alternative DER interconnection cost allocation proposals. Strategen recently proposed an overhaul of how DER related interconnection upgrades are allocated and recovered as well as a detailed DER integration roadmap. Both proposals are currently under consideration by the DPU.

New Hampshire Office of the Consumer Advocate

Analysis of Liberty and Eversource Utilities' Distribution Rates / 2019 – Present

- + Ron served as an expert witness for the Office of Consumer Advocate on two New Hampshire utility rate cases. He evaluated the companies' marginal and embedded cost studies and rate design proposal. Additionally, Ron commented on the utilities' proposals to implement multi-year rate plans and provided recommendation related to how to better implement decoupling and achieve policy goals through performance metrics and performance incentive mechanisms.

Hawaii Public Utilities Commission

DER Docket: Advanced Rate Design / 2019 – Present

- + Ron is acting as the rate design and technical expert to the Commission in Docket No. 2019-0323. The advanced rate design track of the docket will be evaluating the design of TOU, CPP, and other rate designs for almost all customer classes as well as rate designs for low- and moderate-income residential customers.

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Selection of Relevant Experience

North Carolina Attorney General's Office

Analysis of Duke Energy Integrated Resource Plans / 2018 – Present

- + Ron analyzed the Duke Energy Carolinas and Duke Energy Progress Integrated Resource Plans (IRP) and the initial comments about the IRPs to make recommendations to the North Carolina Utilities Commission on the capacity value of solar, the utilities' modeling of solar plus storage, energy efficiency and demand-side management, risks associated with fossil fuels, modeling of coal assumptions and costs, integrated distribution system planning, load forecasting, and bill impacts to ratepayers. [Docket No. E-100 Sub 157](#)

Pennsylvania Office of Consumer Advocate

PPL DER Management / 2019 – Present

- + Ron evaluated PPL's proposal to implement IEEE 1547-2018 and monitor and control all DERs on its distribution system. He made recommendations to implement a more comprehensive implementation approach for IEEE 1547-2018. He also recommended to reject PPL's proposal to monitor and control DERs until a more comprehensive and transparent planning approach is instituted.

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Expert Testimony

Public Service of Oklahoma (DKT: 202100055) On Behalf of AARP

ECOSS and Rate Design

[Responsive Testimony](#)

Duquesne Light Company (DKT: R-2021-3024750) On Behalf of the PA OCA

Transportation Electrification, Load Control

[Direct](#) | [Surrebuttal](#) (note: please type in the docket number, the testimony cannot be directly referenced)

PECO (DKT: R-2021-3024601) On Behalf of the PA OCA

Transportation Electrification, Load Control

[Direct](#) (note: please type in the docket number, the testimony cannot be directly referenced)

Rocky Mountain Power (DKT: 20-035-04) On Behalf of the Utah Office of Consumer Services

Embedded COS, Rate Design, and AMI rollout

[Direct](#)

Minnesota Power* On Behalf of the MN CUB

ECOSS and low income rate design

Pennsylvania Power and Light: DER Management Petition (DKT: P-2019-3010128) On Behalf of the PA OCA

DER integration

[Direct](#) | [Surrebuttal](#) (note: please type in the docket number, the testimony cannot be directly referenced)

Public Service of New Hampshire (dba Eversource Energy) (DKT: DE 19-057) On Behalf of the NH OCA

Embedded and marginal COS, Rate Design, and PBR

[Direct](#)

Liberty Utilities (DKT: DE 19-064) On Behalf of the NH OCA

Marginal COS, Rate Design, decoupling and PBR

[Direct](#)

Oklahoma Gas and Electric (DKT: 201800140) On Behalf of AARP

Rate Design and CCOSS

[Direct](#)

Vectren Energy Delivery of Ohio (DKT: 18-0298-GA-AIR) On Behalf of the Environmental Law and Policy Center

CCOSS and Rate Design

[Direct](#) | [Supplemental](#) | [Case link](#)

*Settled before direct was filed

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Expert Testimony Continued

Commonwealth Edison (DKT: 18-0753) On Behalf of the IL AG

Distributed Generation Rebates and Smart Inverter Specifications

[Direct](#) | [Rebuttal](#) | [Case link](#)

Ameren Illinois Company (DKT: 18-0537) On Behalf of the IL AG

Distributed Generation Rebates and Smart Inverter Specifications

[Direct](#) | [Rebuttal](#) | [Case file](#)

Public Service Company of Oklahoma (DKT: 201800096) On Behalf of AARP

Formula Rates, Performance Metrics, Rate Design, and CCOSS

[Direct](#)

Oklahoma Gas and Electric (DKT: 201700496) On Behalf of AARP

CCOSS and Revenue Apportionment

[Responsive](#) | [Case link](#)

Minnesota Power (DKT: E-002/GR-16-664) On Behalf of the MN OAG

CCOSS, Rate Design, and the Utility Business Model

[Surrebuttal](#) | [Rebuttal](#): | [Testimony](#) | [Case Link](#)

Otter Tail Power (DKT: E-002/GR-15-1033) On Behalf of the MN OAG

Marginal and Embedded CCOSS and Rate Design

[Opening Statement](#) | [Direct](#) | [Rebuttal](#) | [Case link](#)

Xcel Energy (DKT: E-002/GR-15-826) On Behalf of the MN OAG

CCOSS, Rate Design, and Performance-Based Regulation

[Direct](#) | [Rebuttal](#) | [Surrebuttal](#) | [Case link](#)

Minnesota Energy Resources Corp. (DKT: G-011/GR-15-736) On Behalf of the MN OAG

CCOSS and Rate Design

[Direct](#): | [Rebuttal](#) | [Surrebuttal](#) | [Case link](#)

CenterPoint Energy (DKT: E-002/GR-15-424) On Behalf of the MN OAG

CCOSS and Rate Design

[Opening Statement](#) | [Direct](#) | [Rebuttal](#) | [Surrebuttal](#) | [Case link](#)

Dakota Energy Association (DKT: E-002/GR-14-482) On Behalf of the MN OAG

CCOSS and Rate Design

[Direct](#) | [Rebuttal](#) | [Surrebuttal](#) | [Case link](#)

Xcel Energy (DKT: E-002/GR-13-868) On Behalf of the MN OAG

CCOSS and Rate Design

[Direct](#) | [Rebuttal](#) | [Surrebuttal](#): [Case Link](#)

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Expert Testimony Continued

Minnesota Energy Resources Corp. (DKT: G-011/GR-13-617) On Behalf of the MN OAG

CCOSS

[Direct](#) | [Surrebuttal](#) | [Case Link](#)

CenterPoint Energy (DKT: G-008/GR-13-316) On Behalf of the MN OAG

CCOSS

[Direct](#) | [Surrebuttal](#) | [Case Link](#)