

Exh. _____ (AML-2)

EXHIBIT NO. _____ (AML-2)

DOCKET NOS. UE-200115

COLSTRIP UNIT 4 SALE

WITNESS: AMANDA MARIE LEVIN

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,

Complainant, v.

PUGET SOUND ENERGY,

Respondent.

DOCKET NO. UE-200115

**SECOND EXHIBIT TO THE
PREFILED DIRECT TESTIMONY OF
AMANDA LEVIN**

**ON BEHALF OF
THE NATURAL RESOURCES DEFENSE COUNCIL**

October 2, 2020

Qualifications of Amanda Marie Levin

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CURRENT POSITION

Senior Policy Analyst, Climate & Clean Energy, Natural Resources Defense Council, July 2014 – Present

- Serve as lead analyst for NRDC's Climate & Clean Energy Eastern Advocacy. Develop, conduct, and oversee energy-related modeling, analysis, and research for NRDC's state advocates in the Northeast, Mid-Atlantic, and Southeast.
- Manage multi-group efforts to develop, model, and understand the energy, economic, and health impacts of potential future federal administrative and legislative actions.
- Work on the development, testing, and modification of economy-wide and power-sector specific modeling platforms and analytical tools.
- Work with federal policymakers to model and develop legislation and other federal policies. Prepare policy briefs, tools, comments, and presentations to assist with NRDC's or others' advocacy at the federal level.
- Represent NRDC and partner organizations in front of state regulatory and legislative bodies, including utility commissions and environmental/air quality agencies. Submit both written and oral testimony, assist with the development of legal briefs, and serve as an expert resource and witness. Areas of expertise include utility rate design and regulatory process, cost-of-service study development, alternative rate mechanisms, the valuation of distributed energy resources, retail choice, and non-traditional utility regulatory models.
- Publish research and other analyses related to economy-wide decarbonization strategy and clean energy policy, including materials related to building, vehicle, and industrial electrification, industrial efficiency programs and energy management, demand response, carbon regulations and markets, and renewable energy grid integration.

EDUCATION

Stanford University, 2010 – 2014, Stanford, CA

MA in Public Policy, Concentration: Resources, Environment, and Energy

Relevant coursework: Natural Resource and Energy Economics; Environmental Economics; Advanced Econometrics; Energy and Environmental Policy Analysis; Introduction to American Law; Environmental Law (through Stanford Law School).

BA in Public Policy, Minor in Biology, Concentration: Environmental Policy

Relevant coursework: Econometrics; Macroeconomics; Microeconomics; Statistics; Politics and Public Policy; Organizations; Chemistry and Biology core curriculums.

Continuing Education Programs

Institute of Public Utilities (IPU) at Michigan State University, *Annual Advanced Regulatory Studies Program: Ratemaking, Accounting, Finance, and Evaluation*, September 30 – October 4, 2019. <http://ipu.msu.edu/advanced>.

PUBLICATIONS

Swanson, T. and **Levin A.** An Analysis of Greenhouse Gas Emissions from Exported Liquefied Natural Gas. *NRDC Report. In production.*

Mui, S. and **Levin, A.** Clearing the Air: The Benefits of the Clean Air Act. *NRDC Issue Brief 20-04-A.* 2020.

Levin, A. NRDC's Seventh Annual Energy Report: America's Energy Progress: Dueling Clean and Dirty Infrastructure. *NRDC Report R-19-10-B.* 2019.

Levin, A and Cavanagh, R. NRDC's Sixth Annual Energy Report: America's Climate Crossroads: Pushing Clean Energy Higher and Faster. *NRDC Report R-18-10-A.* 2018.

Levin, A and Cavanagh, R. NRDC's Fifth Annual Energy Report: America's Clean Energy Revolution. *NRDC Report R-17-09-A.* 2017.

Gowrishankar, V and **Levin, A.** America's Clean Energy Frontier: The Pathway to a Safer Climate Future. *NRDC Report R-16-06-A.* 2017.

Goldstein, D and **Levin, A.** The Strategic Value of SEM in Limiting Climate Pollution. *ACEEE Summer Study on Energy Efficiency in Industry.* 2017.

Levin, A, Carlisle, G and Benzak, J. Opportunity Lost: How Rolling Back the Clean Power Plan Hurts America's Economy. *Environmental Entrepreneurs.* 2017.

Levin, A and Cavanagh, R. Rehabilitating Retail Markets: Pitfalls and Opportunities. In: *Future of the Utility: Utilities of the Future.* Ed. Sioshansi, F. Menlo Park: Academic Press, 2016.

Williams, S, Gowrishankar, V, and **Levin, A.** Stemming the Tide of Industrial Opt-Outs: A Flexible, Attractive and Effective Option for Utility-Sponsored Industrial Energy Efficiency. *ACEEE Summer Study on Energy Efficiency in Industry.* 2015.

Levin, A. Customer Incentives and Potential Customer Savings in Retail Markets: A Texas Case Study. *The Electricity Journal.* 2015; 28(3): 51-64.

Sheikh, P, Stern, C, and **Levin, A.** Overview of Management and Restoration Activities in Lake Tahoe Basin. *Congressional Research Service, R43224.* released September 13, 2013.

Sheikh, P, Stern, C, and **Levin, A.** Overview of Management and Restoration Efforts in the Salton Sea. *Congressional Research Service, R43211*. released September 5, 2013.

EXPERT TESTIMONY AND INVITED TALKS

NorthWestern Energy, MT PSC Docket No. D2019.12.101: Testimony concerning a proposed deal between PSE and NorthWestern Energy to transfer ownership of Colstrip Unit 4, on behalf of NRDC. 2020.

Public Service of New Mexico (PNM), NM PRC Case No. 20-00121-UT: Testimony supporting the approval of a decoupling mechanism, with modifications, for PNM.

Virginia Electric and Power Company, Virginia SCC Case No. PUR-2020-00035: Testimony concerning VEPCo's Integrated Resource Plan, evaluating the Company's approach and assumptions for modeling the state's core environmental statute, the Virginia Clean Economy Act, among other things.

NARUC Summer Policy Summit: "The Role of Natural Gas in the Energy Transition Part 2," session panelist, July 2020.

Avista Energy, WUTC Docket Nos. UE-190334, UG-190335, UE-190222: Testimony supporting the continuation of the Company's decoupling mechanism, with proposed modifications to energy efficiency programs, on behalf of NW Energy Coalition (NVEC), 2019.

Ice on Fire (HBO Documentary), DC Premiere: Panelist on the after-movie panel on climate action and politics, Warner Theatre, October 2019.

North Carolina Department of Environmental Quality, Clean Energy Plan Development Process, Facilitated Workshop 5: Presentation to NC Clean Energy Plan stakeholders as part of the "Clean Energy Plan Modeling and Other Collaborative Efforts" dialogue on behalf of the Natural Resources Defense Council (NRDC), June 2019.

Northwestern Energy, MT PSC Docket No. D2018.2.12: Testimony detailing a fixed cost recovery mechanism pilot and accompanying conditions for consideration and approval on behalf of Human Resource Council, District XI, and NRDC, 2019.

Public Service Electric & Gas, BPU Docket GO18101112 & EO121113: Testimony on PSE&G's Clean Energy Filing – Energy Efficiency Plan on behalf of Sierra Club, NJ League of Conservation Voters, Environment New Jersey, NRDC & Environmental Defense Fund (EDF), 2019.

PLMA Load Management Leadership: 39th Conference: "Beneficial Electrification's Role in Meeting New Load Management Challenges – From Products & Programs to Public Awareness & Market Transformation," session co-moderator, May 2019.

"A Fixed Cost Recovery Mechanism Proposal,": Presentation to the Northwestern Energy Customer Vision Stakeholders Group, Butte, MT, November 2018.

Electrify Minnesota! The Future is Electric!: “Stakeholder Dialogue 2: Public Policy,” session panelist, November 2018.

Pembina Institute, 2018 Alberta Climate Summit: “The Future of Natural Gas in a Decarbonizing World,” session panelist, September 2018.

“Securing A Clean Energy Future: Just Transition & Equity Considerations”: Invited talk hosted by the Climate Calgary Hub, Canadian Association of Physicians for the Environment, Climate Action Network Canada, and the Alberta Wilderness Association, September 2018.

Electric Power Research Institute, Electrification 2018: International Conference & Expo: “Country-Level Electrification Analysis,” session panelist, August 2018.

PNM, PRC Docket 18-00043-UT: Testimony supporting the approval of a decoupling mechanism and the need for a disincentive removal mechanism for PNM on behalf of the New Mexico Coalition for Clean Affordable Energy (CCAEE), 2018.

Public Service Electric & Gas, BPU Docket ER18010029 & GR18010030: Testimony supporting a Green Enabling Mechanism on behalf of NRDC & EDF, 2018.

Idaho Power, Idaho PUC Case No. IPC-E-I7-13: Testimony opposing Idaho Power’s application to create new customer classes for residential and general service customers who have customer-side generation on behalf of the NWECA and Snake River Alliance, 2017-2018.

Stanford University, “When Science is Not Enough: How Leading NGOs are Making Progress on Climate Policy”: Panelist on behalf of NRDC, February 2018.

Maryland Office of the Attorney General, Hearing on the Repeal of the Clean Power Plan: Testimony concerning the EPA’s proposed repeal of the Clean Power Plan on behalf of the NRDC, January 2018.

Puget Sound Energy, WUTC Docket No. UE-170033 and UG-170034: Testimony supporting the continuation of the Company’s decoupling mechanism and in opposition to the company’s requested increase to the basic customer charge on behalf of NWECA, Renewable Northwest, and NRDC, 2017.

New York University, Environmental Law Clinic, “Meeting Carbon Reduction Goals – Persuading Different Audiences”: Guest instructor, with co-author Vignesh Gowrishankar, on *America’s Clean Energy Frontier: The Pathway to a Safer Climate Future*, November 2017.

Nevada Governor’s Office of Energy, Committee on Electric Choice: Presentation to the Technical Working Group on Innovation, Technology, & Renewable Energy, “Renewable Standards: Clean Energy Development & Other Impacts,” August 2017.

OP-EDS AND LETTERS

Miles Farmer and **Amanda Levin**, “Comparing America’s grid operators on clean energy progress: PJM is headed for a climate disaster,” *Utility Dive*, Op-Ed, [July 2, 2019](#).

OTHER MEDIA APPEARANCES

NPR. *Marketplace*. Radio interview: “Can batteries help get the U.S. off the natural gas ‘bridge?’” [June 17, 2019](#).

New York Public News Service. Radio interview: “Clean-Energy Growth Outpacing Predictions,” [October 5, 2017](#).

ADDITIONAL INFORMATION

Skills: R, STATA, Advanced Excel, ArcGIS, Microsoft Office, Data Analysis. Experience with power sector modeling (IPM, AuroraXMP, PROMOD, WIS:dom), gas markets modeling (GMM), economy-wide energy modeling (EnergyPATHWAYS +RIO, PATHWAYS, NEMS), economic and jobs modeling (REMI, JEDI, IMPLAN).