

## U.S. Department of Energy Clean Energy Innovator Fellows Training

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Electricity Regulation Basics

September 12, 2024

*This work was funded by the U.S. Department of Energy under Contract No. DE-AC02-05CH11231.*

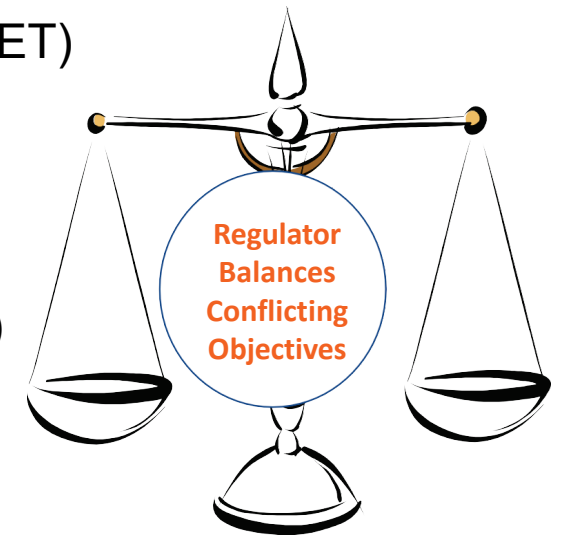
# Today's Training – Electricity Regulation Basics

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- Welcome – Paul Spitsen, U.S. Department of Energy (1:00-1:05 ET)
- Electric Utility Regulation 101 - Grace Relf, Berkeley Lab (1:05-2:00 ET)
- Basics of Cost of Service Ratemaking - Pete Cappers, Berkeley Lab (2:00-2:35 ET)

*Break (2:35-2:45 ET)*

- Cost Allocation - Ronny Sandoval, Regulatory Assistance Project (2:45-3:15 ET)
- Cost-Effectiveness Evaluation - Myles Collins, Berkeley Lab (3:15-4:00 ET)



**~10 minutes of Q&A follows each presentation. Enter your questions in the chat box at any time.**  
**Slides are posted [here](#), under the “National trainings” accordion tab below the diagram.**



# Next Clean Energy Innovator Fellows Webinar Training: *Grid Resilience, September 26*

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Register at <https://lbnl.zoom.us/meeting/register/tJwtc-qorT8tHt0GGRpXMiAtqajoJJqwpFm7>

- Welcome – Cory Felder, U.S. Department of Energy (2:00-2:10 ET)
- Introduction to Resilience for Electricity Systems – Gayathri Krishnamoorthy, National Renewable Energy Laboratory (2:10-2:30 ET)
- Identifying Threats, Predicting Vulnerabilities, and Assessing Risks – Tom Wall, Argonne National Laboratory (2:30-3:00 ET)
- Strategies for Valuing and Prioritizing Resilience Investments and Measuring Progress – Myles Collins, Berkeley Lab (3:00-3:30 ET)
- Break (3:30-3:35 ET)*
- Mitigation, Rapid Restoration Strategies, and Best Practices – Josh Schellenberg, Berkeley Lab affiliate (3:35-4:05 ET)
- Grid Resilience Data, Metrics and Analyses – Myles Collins, Berkeley Lab (4:05-4:35 ET)
- What Should Grid Resilience Plans Include? – Josh Schellenberg, Berkeley Lab affiliate (4:35-5:00 ET)



# Future Training Topics

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- **Integrated resource planning – October 31**
  
- **Additional topics (dates TBD)**
  - ▣ Integrated distribution system planning, including grid modernization and planning for distributed energy resources
  - ▣ Transportation electrification
  - ▣ Building electrification
  - ▣ Equity
  - ▣ What National Labs do and how to access lab research and technical assistance

***All future trainings from 2–5 p.m. Eastern***



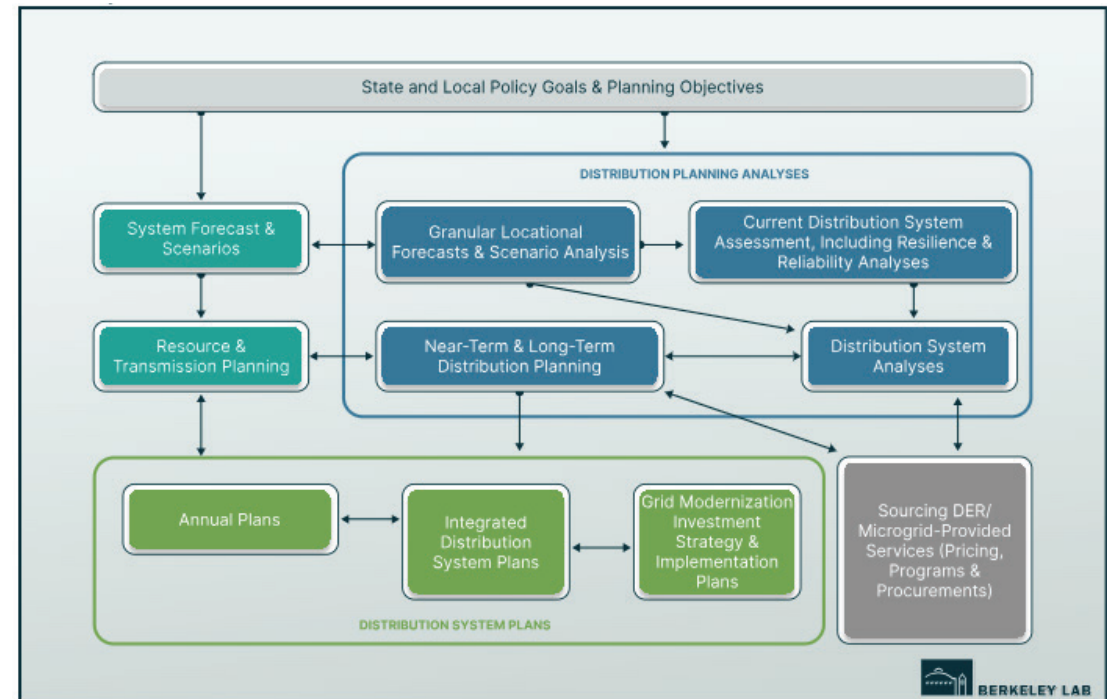
# In-person Regional Trainings on Integrated Distribution System Planning *Including electrification and demand flexibility*

- Hosted by the National Association of Regulatory Utility Commissioners (NARUC), National Association of State Energy Officials (NASEO) and Lawrence Berkeley National Laboratory, with funding from the U.S. Department of Energy
- Dates
  - ▣ December 11-12, 2024 - Charlotte, NC
  - ▣ March 11-12 or 12-13, 2025 – Detroit, Minneapolis/ St. Paul or Milwaukee
  - ▣ April 23-24, 2025 - Salt Lake City or Albuquerque
- Registration through NASEO for the December training will be announced soon



# Other Training and Technical Assistance Resources

- Berkeley Lab
  - Integrated Distribution System Planning [website](#) — including training slides and recordings
  - Other topics: Search by research area [here](#)
- U.S. Department of Energy
  - [Office of Energy Efficiency and Renewable Energy \(EERE\)](#)
  - Distribution Grid Transformation [website](#)
  - Grid Resilience and Transmission Planning Resource [Hub](#)
- [Resources and Assistance for State Energy Offices and Regulators program](#), funded by DOE EERE and Office of Electricity
- NARUC Regulatory Training Initiative [courses](#)
- NASUCA [regulatory basics courses](#) and DOE/Berkeley Lab [trainings](#)
- [NASEO](#) – search publications, issues and events



[Interactive Framework](#) for Integrated Distribution System Planning

