

Electric System Reliability – Welcome

DOE Energy Innovator Fellows Informational Webinar

June 17, 2025

Myles Collins

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

Agenda

- Welcome
 - ▣ *Myles Collins*
- Presentation
 - ▣ *Juan Pablo Carvallo*

Dr. Juan Pablo Carvallo is a Research Scientist in the Energy Markets and Policy Department at Lawrence Berkeley National Laboratory. His research focuses on long-term power system planning, integration and planning of distributed energy resources, and reliability and resilience valuation. JP holds Ph.D. and M.S. degrees in Energy and Resources from the University of California, Berkeley, as well as P.E. and B.S. degrees in Electronics Engineering from Universidad Técnica Federico Santa Maria, Chile.

Enter your questions in the chat box at any time, or raise your hand to ask a question live. We'll call on you to unmute yourself.



Register for Future Fellows Informational Webinars

- July 24 - **Program planning and evaluation**
https://lbnl.zoom.us/meeting/register/LkIR9_jMQI2Llg_C-hrR-w#/registration
- August 7 - **Data centers**
<https://lbnl.zoom.us/meeting/register/G6Tcmcw0SAGJ4WT6Jz7PCQ>

All webinars start at 2 p.m. Eastern.



Contact

Lisa Schwartz: Lcschwartz@lbl.gov

Myles Collins: MTCollins@lbl.gov

For more information

Download our publications: <https://emp.lbl.gov/publications>

Sign up for our email list: <https://emp.lbl.gov/mailling-list>

Follow us on Bluesky: [@BerkeleyLabEMP.bsky.social](https://bsky.app/profile/@BerkeleyLabEMP.bsky.social)

Acknowledgements

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

The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof, or The Regents of the University of California.



Disclaimer

This document was prepared as an account of work sponsored by the United States Government. While this document is believed to contain correct information, neither the United States Government nor any agency thereof, nor The Regents of the University of California, nor any of their employees, makes any warranty, express or implied, or assumes any legal responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by its trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof, or The Regents of the University of California. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof, or The Regents of the University of California.

Ernest Orlando Lawrence Berkeley National Laboratory is an equal opportunity employer.

Copyright Notice

This manuscript has been authored by an author at Lawrence Berkeley National Laboratory under Contract No. DE-AC02-05CH11231 with the U.S. Department of Energy. The U.S. Government retains, and the publisher, by accepting the article for publication, acknowledges, that the U.S. Government retains a non-exclusive, paid-up, irrevocable, worldwide license to publish or reproduce the published form of this manuscript, or allow others to do so, for U.S. Government purposes.

