

DOE IESO Open-Source Software Summit

4 August 2026

UNM Continuing Education, 1634 University Blvd NE, Albuquerque, NM 87131

Objectives:

- build awareness of OSS capabilities across energy programs
- improve the quality and impact of DOE/IESO-sponsored OSS projects
- promote good practices

Agenda

0800 – 0930 Welcome, Purpose and Perspectives

Summit welcome and purpose –Tassos Golnas (DOE IESO), Cliff Hansen (SNL)

Johnathan Starr (Open Source Endowment)

Will Hobbs (Southern Company)

Maxime Pallud (TotalEnergies)

Jan Rippingale (BluBanyan and Orange Button Alliance)

0940 – 1000 Networking break

1000 – 1145 Get acquainted with other open-source projects

Rafael Mudafort (NRL) – Wind energy tools in the WETO stack

Lawrence Cheung (SNL) – Kynema (formally ExaWind)

Tu Nguyen (SNL) – QuEST 3.0 (Pathway to Automatic Workflows for Energy Storage Analytics)

Matthew Prilliman (NLR) – System Advisor Model (SAM)

Ishtiza Azad (Southern Company) – iSight, for PV performance monitoring

Martin Springer (NLR) – rdtools (PV degradation tools)

Rajiv Daxini (NLR) – PVDeg, for modeling PV degradation processes

Matt Mitchell (NLR) – EnergyPlus and OpenStudio

1200 – 1300 Lunch

1300 – 1430 Good practices and opportunities

Taos Transue (BluBanyan), Specification-driven development

Jason Gates (SNL), OSS processes at a national laboratory

Cliff Hansen (SNL), Proposed OSS maturity model and discussion –

Capabilities “wishlist” (group discussion)

What capability do you wish you could import and use from elsewhere someone else’s package? What outcome do you wish was achieved by the suite of SETO-funded projects?

1430 – 1500 Networking break

1500 – 1615 Managing OSS (group discussions)

Full group

Topic 1: How do we manage OSS in the age of AI? (All)

Parallel groups

Topic 2: How do we measure impact and engagement?

Topic 3: How do we better sustain OSS capabilities?

Group leads report back

1615 – 1630 Summit wrap-up

