GridCRED

WHAT

GridCRED is a power system modeling and analysis platform. It houses shared data, and provides tools, models, and computing power in one governed environment.

It enables teams to run consistent, scenario-based analyses and collaborate across projects **without rebuilding workflows each time.**

WHY

GridCRED turns fragmented workflows into a shared, repeatable capability to support grid planning and operations decisions.

Teams today spend too much time rebuilding datasets, aligning assumptions, and navigating data access.

The power grid is becoming more complex, with increasing uncertainty, more stakeholders, and higher expectations for credible, defensible results.

GridCRED powers investment-grade decision making at regional scale.

HOW

A simple, practical workflow:

- **Save** – Store data once in a secure, governed environment
- **Seek** – Quickly find trusted datasets through a centralized catalog
- **Retrieve** – Run scenario-based analysis using integrated tools and compute
- **Share** – Collaborate and reuse results across teams and projects

Pacific Northwest NATIONAL LABORATORY

U.S. DEPARTMENT of ENERGY | Office of Electricity

WHO

GridCRED is designed for teams that do the following:

- Rebuild datasets or workflows across projects
- Work with data across utilities, agencies, and partners
- Need consistent inputs and defensible outputs
- Balance tight timelines with stakeholder expectations

WHEN

- **Yesterday:** Targeted pilot projects and active use cases (e.g., FORESIGHT and EGRASS)
- **Today:** Teams are already engaging – you could be too
- **Tomorrow:** Expanded computing infrastructure coming online, supporting broader multisector analysis

PUT GridCRED TO WORK FOR YOU

- Bring a use case involving data from multiple organizations or systems
- Bring a project where teams are rebuilding workflows or datasets
- Bring analysis challenges that require secure collaboration or reusable data

CONTACT

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GridCRED: Save. Seek. Retrieve. Share. Helping teams move faster, reduce rework, and deliver credible results.

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