

Solutions for Grid Research

GridBright solutions for smart grid research and pilot projects

Grid Models, Scenarios & Test Data

GridBright works with your grid research and pilot teams to accelerate the process of building smart grid simulation models, use case scenarios, and test data. Our team of experts can help define an overall research testing strategy, identify realistic industry use cases, develop custom grid models, design comprehensive test scenarios, create simulation data, deploy test beds, integrate components, manage the testing process, curate results, and cleanse data for publication.

Industry Standards Compliance

GridBright helps projects comply with industry standards, best-practices, and public funding guidelines (DOE, NSF, EPIC, etc.) for data and software. In collaboration with your team we develop strategies, plans, and compliance reports for data management, interoperability, cyber-security, and open-source software licensing.

Project Data Repositories

GridBright also provides cloud-hosted *Project Data Repositories* to support grid research collaboration between geographically dispersed universities, labs, vendors, and utilities. This solution is the perfect turnkey option for securely sharing research project proposals, plans, documents, models, test cases, results, and software versions through the project lifecycle and beyond.

Benefits to Grid Research Teams

Strong industry partner with grid domain and delivery credentials

- We are the grid data and management specialist of the utility industry.
- Consultants typically have 20+ years of experience in grid software research, development, integration, and product tech-to-market.

Enhance project impact by ensuring industry standards compliance

- Improve alignment between R&D efforts and industry needs, protocol standards, cyber-security requirements, and product ecosystem.

More efficient use of R&D funding and faster tech-to-market

- Accelerate project with preexisting test models, scenarios, data, and tools.
- Turnkey platform for project data protection, preservation, and publication, built specifically for the grid research community.

Testimonial: U.C. Berkeley Energy & Climate Institute

GridBright supports U.C. Berkeley and other research collaboration projects under DOE ENERGISE— a \$30M initiative to support the high penetration of solar energy into the electric grid.

As a partner on our DOE research project, GridBright has been thoroughly professional and proactive. Their level of engagement and attention to detail will be an important contribution to the success of our project. **Dr. Sascha von Meier, Director, Electric Grid Research**



GRIDBRIGHT

The Grid Management Specialists