

Microgrid project evaluation results announced



Overview

21, 2026 (GLOBE NEWSWIRE) -- Xendee Corporation, provider of the leading design and operation platform for distributed energy and microgrid systems, announced today the results of a new market survey executed by Energy Changemakers and Renewable Energy World that. LAS VEGAS, Jan. Various microgrid controllers have been released and continuously updated y vendors to satisfy the different needs of microgrid customers. However, the functionalities demonstrated by microgrid controllers released by different. Pacific Gas and Electric Company (PG&E) today announced its intent to award up to \$43 million in Microgrid Incentive Program (MIP) grant funding for the development of nine new community-driven microgrids throughout its Northern and Central California service area. The microgrid developers and customers were. To quantify the opportunities and challenges of operating micro-reactors in populated, decentralized power generation environments and the potential for deployment in established micro-grids with diverse power generation sources. Develop integrated system modeling of micro-reactor applications. Following the increasing penetration of Dispersed Generation in Medium Voltage.



Article Content

DOE Funding 14 Projects to Advance Microgrid Innovation

The U.S. Department of Energy's Office of Electricity announced about \$8 million for 14 projects advancing microgrid innovation.

2024 Update ORNL/TM-2024/3407 Microgrid Controller Survey Report

ing results were compiled and analyzed in a report in 2016 . For simplification of the survey, a complete list of microgrid controller unctions was developed and delivered to the survey participants.

Final Project Report, Microgrid Analysis and Case Studies Report

Analysis of the case studies shows that microgrid business models are still diverse and offer numerous value propositions to hosts. California projects report value propositions of renewable energy

Microgrid and Integrated Systems Program

MDT is currently being used—with REopt and other microgrid evaluation tools—to explore microgrid designs that can provide energy assurance for critical infrastructures.

Highway Microgrid Project Evaluation under Energy Transportation

This paper proposes an evaluation index system and comprehensive evaluation method suitable for highway microgrid construction, and takes a practical highway microgrid project as an

AI-powered Microgrids Facilitate Energy Resilience and Equitability in ...

An economic analysis is also essential, beginning with a feasibility analysis to evaluate the cost benefits and net value of the microgrid. This includes analyzing cost reductions in transmission and

Lessons Learned from Energy Commission Microgrid Projects Final

Seven EPICfunded - microgrid projects funded in 2015 recently concluded their three-year implementation timelines. These seven projects demonstrated low-carbon-based microgrids for

Best Practices for Microgrid Project Feasibility Assessments ...

A feasibility assessment for microgrid projects should include all aspects of historical energy use/cost analysis, individual project identification, physical site/facilities due diligence, and

PowerPoint Presentation

Project Outcomes Summary: How does a microreactor perform under various microgrid configurations? What is required of a microreactor to perform well in those configurations? What are the most

Connecting distributed energy resources to the grid | MICROGRIDS ...

A new methodology for quantifying the economic benefits of Microgrids' penetration in the electrical power system has been developed to bring deeper insights into its merits and propose

Department of Energy Backs Microgrid Innovation with \$8 Million in

The U.S. Department of Energy (DOE) Office of Electricity gave a big boost to microgrid innovation earlier this month with the announcement that 14 projects had been selected to receive

Reviewing the frontier: modeling and energy management ...

These backup systems play a crucial role in covering essential loads within the microgrid, contributing to the preservation of their resilience. Many studies and projects have investigated the

State of Microgrids & Onsite Generation: Federal Contracts Drive B+ ...

The Army Corps awarded 2 billion in energy resilience contracts in May 2026, anchoring a surge that made 1-1.5 MW solar carports the standard microgrid form factor.

Roadmap on community-based microgrids deployment: An extensive review

The results of this comprehensive review give way to further research questions on the use of agent-based models to improve the adoption of energy storage systems, the use of

PG& E Announces \$43 Million in Grants for Community

Pacific Gas and Electric Company (PG& E) today announced its intent to award up to \$43 million in Microgrid Incentive Program (MIP) grant

Community response to microgrid development: Case studies from

Our case studies speak to the importance of emphasizing the multiple component benefits of a microgrid project to provide added justification for the high costs of microgrid development.

New Market Survey from Xendee Reveals DER Developers are

Focusing solely on smart microgrid control technologies, 64% of microgrid developers named "return on equity" as a top 3 benefit they seek, and 64% named innovative "forward-looking

Microgrid and Integrated Systems Program

project implemented by the Wind Energy Technology Office, along with other DOE offices, supports innovative work in microgrid systems with a focus on grid and microgrid integration of wind energy

Microgrids: A review of technologies, key drivers, and outstanding ...

The CERTS microgrid concept has been deployed in a test-bed setting , and in real-world microgrid projects , . While the initial motivation of CERTS was to improve

PG& E Advancing \$43M for Nine New Community Microgrids in

Pacific Gas and Electric Company (PG& E) today announced its intent to award up to \$43 million in Microgrid Incentive Program (MIP) grant funding for the development of nine new

Microgrids: A review, outstanding issues and future trends

A microgrid, regarded as one of the cornerstones of the future smart grid, uses distributed generations and information technology to create a widely distributed automated energy delivery

BENCHMARKING

Now in its third edition, this report builds on the foundational insights of our 2020 and 2022 publications, offering a data-driven analysis that reflects both the resilience and ingenuity of the sector. The

U.S. Department of Energy Announces \$8M for Microgrid Innovation

WASHINGTON— The U.S. Department of Energy (DOE) Office of Electricity today announced more than \$8 million in selections for funding to projects that accelerate microgrid

Design, control, reliability, economic and energy management of ...

Recently, microgrid systems based on renewable energy have emerged as crucial players in reducing pollution and promoting environmental sustainability. This paper offers a comprehensive

PG& E announces microgrid awards for \$43M as Sunrun

PG& E announces microgrid awards for \$43M as Sunrun joins its 2025 VPP The nine microgrid projects will serve about 9,000 customers in

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