Smart Microgrid Pilot

in Thailand took the lead on a pilot project that brought a solar and hydro-powered microgrid to serve the energy needs of around fifty thousand people in the mountainous Mae Hong Son Province, keeping ...

The aim of this paper is to present an economic and environmental assessment at a yearly scale (based on operational costs, CO2 emissions and primary energy consumption) for smart private microgrids ...

Supported by ITES, smart microgrid specialists Entrust Microgrid set up an R& D project to investigate how their patented smart microgrid and electric vehicle (EV) charging technologies ...

Discover how PECO"s microgrid pilot enhances grid reliability, resiliency, and community services during widespread outages.

Following the construction of the micro-grid, the system was modelled post-installation using software developed by HOMER Energy.

Pacific Gas & Electric (PG& E), working with the Schatz Energy Research Center, is testing vehicle-to-microgrid technology at the Redwood Coast Airport to demonstrate how bidirectional electric vehicles (EV) in a ...

This article presents a practical implementation of an off-grid microgrid system, focusing on configurations and considerations specific to rural applications. It details key design decisions related to communication, data ...

Explore diverse perspectives on Smart Grids with structured content covering technology, benefits, challenges, and future trends for energy efficiency.

This pilot project, recommended by the PowerPath DC Pilot Projects Governance Board, seeks to modernize the District"s energy distribution system by implementing a neighborhood-scale microgrid ...

Time-of-use rates create the economic conditions where smart charging algorithms deliver maximum value. Most importantly, for EV owners, this NeoCharge"s smart charging technology represents a ...

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