

Piloted industrial storage projects that cut diesel reliance by 90%. Partnered with global utilities and independent power producers (IPPs) for grid balancing pilots. By democratizing access to ...

These include the commercial and industrial sectors, as well as the military, universities, data centers and microgrids. The C& I sectors together account for close to 30 percent of ...

Microgrids are local, self-contained energy systems designed to operate independently of the larger power grid (known as "islanding"), or in coordination with... The post Oregon legislature ...

Oracle Cloud Infrastructure (OCI) is a hyperscaler which can accommodate AI-enabled and workforce data systems globally. Bloom Energy says it can deliver the on-site power fuel cell ...

Grid-connected Microgrid Concentration & Characteristics Grid-connected microgrids are experiencing significant growth, particularly in regions with unreliable grid infrastructure or a ...

From AI data centers to industrial microgrids and remote infrastructure, TerraFlow enables power resilience where failure isn't an option. With U.S.-based manufacturing and a focus on high ...

The Implementation Plan for Deepening Green and Low-Carbon Standardization in Industry and Information Technology outlines key tasks and a roadmap to strengthen the standards system ...

Introduction: The Continent at a Tipping Point Europe is warming at twice the global average rate - 2.3°C since pre-industrial times versus 1.2°C globally (EEA 2024). This isn't abstract ...

California-based green hydrogen startup HNO International will build its first-ever HyGrid H2 microgrids in the petrochemical-rich Houston region. HNO says its first two HyGrid microgrids ...

Introduces a novel two-stage robust optimization framework for scheduling carbon-free microgrids with decision-dependent uncertainties (DDUs). Proposes dynamically adaptive polyhedral ...

This article investigates the fusion estimation problem for renewable energy microgrids subject to relay transmissions and cyber-attacks. A filter-and-forward (FaF) relay strategy is adopted to ...

