

Energy Internet Implementation at the Grassroots Level

Broadband service providers can overcome energy challenges and barriers to investing in rural broadband infrastructure by generating their own clean energy from cheaper, clean, renewable ...

The convergence of decentralized energy and internet infrastructure presents a compelling vision for Illinois's future. As our communities increasingly ...

Although grassroots initiatives in the renewable energy transition are flourishing, their embeddedness in local contexts challenges their capacity to spread their impact on a broader scale.

We present a systematic review of studies of grassroots innovations for sustainability transitions that employ power and empowerment theory. The analysis integrates sociological and ...

The convergence of decentralized energy and internet infrastructure presents a compelling vision for Illinois's future. As our communities increasingly adopt solar power systems and energy ...

Unlike federal initiatives that often focus on broad policy frameworks, local governments operate at the grassroots level, enabling them to influence energy policy directly, engage community ...

This would propel New Orleans to the forefront of localities adopting virtual power plants, the concept of aggregating energy devices in homes and businesses and wielding them like a ...

We are developing integrated, multi-level socio-technical solutions to grassroots energy innovation that create social and economic value as a foundation for new approaches to eradicating extreme poverty.

Viewing the digital transformation of the energy system through a governance lens is essential to navigate the emerging opportunities and challenges of an increasingly distributed energy market.

Across the world, communities are taking charge of their energy futures, developing and implementing innovative projects that offer glimmers of hope in a slow net-zero transition.

Integrate the concept of "scenario intelligence" in the construction of ubiquitous power Internet of Things, conduct dynamic emergency analysis, load and power generation forecasting through integrated ...

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