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Title: Regional Microgrid Design Professional Game

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In developing countries, a major challenge to the success of a rural microgrid is gathering enough information about the community and its needs. Here's how a new game can help.

When Mike Guryan from Idaho Regional Optical Networks suggested "could you make that a game?" ... Tim will talk about the inspiration for building the game and about some of the ...

The game accomplishes that objective through role playing, walking people through the process of collaborating to design a hybrid renewable minigrid that supplies enough energy for the ...

grids beyond technical components, but prioritize human development objectives, participation and capacity building. A newly proposed simulation gaming approach to micro-grid design provides an ...

To assess the effectiveness of the transactive energy strategy, various optimization techniques mentioned in different references can be applied to multi-microgrids and the distribution ...

With the rapid development of microgrids, dynamic regional multi-microgrid networks are emerging as an efficient and flexible solution in smart distribution networks.

Created by students at the University of Nebraska-Lincoln and supported by the Nebraska Center for Energy Sciences Research (NCESR) and Nebraska Public Power District (NPPD), the game blends ...

This is a 3X (i.e. eXplore, eXpand, eXploit) game that aims to teach players about integrating renewable energy production and storage assets into an isolated microgrid (in this case, a ...

Gather your team, build your grid, and brace for squirrel sabotage, to become microgrid mastermind. Microgrid Mastermind is a cooperative strategy game where 1-6 players become Grid Keepers, ...



Regional Microgrid Design Professional Game

This white paper focuses on tools that support design, planning and operation of microgrids (or aggregations of microgrids) for multiple needs and stakeholders (e.g., utilities, developers, ...)

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