

Team: Combine Cycle Photovoltaic-Wind.

Problem: Small new buildings located in remote places and their electrical energization, where there is no electrical grid, to help meet the target of green electricity generation from the current 22% ¹ to 100% by 2035 ²,

Solution: Highly efficient reconfigurable prefabricated buildings modular or manufactured and Bus/Recreational Vehicle with combined photovoltaic-Wind cycle for electricity generation.

The combination of photovoltaic and wind cycles is proposed, which can guarantee 24/7 energy production, using only a small bank of batteries.

On the other hand, currently the costs of constructing a new building can be reduced significantly by using prefabricated modular or manufactured designs or a Bus or Recreational Vehicle depending on the use and specific requirements.

JEDI Contest: Small new buildings and Bus/RV and their electrical energization to attend in health and education the American Indians populations, in remote places and where there is no electrical grid.

Small and medium sized communities exist throughout the country, unfortunately, American Indians suffer a series of problems and impediments that harm them, 2 of the most important are Health and Education. These communities can be attended in established buildings and in other cases with Bus/RV equipped with the necessary equipment and personnel.

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¹ Frequently Asked Questions (FAQs) - U.S. Energy Information Administration (EIA)

² [The Long-Term Strategy of the United States, Pathways to Net-Zero Greenhouse Gas Emissions by 2050 \(whitehouse.gov\)](https://www.whitehouse.gov/the-press-office/2017/06/26/20170626-white-house-announces-long-term-strategy-of-the-united-states)

