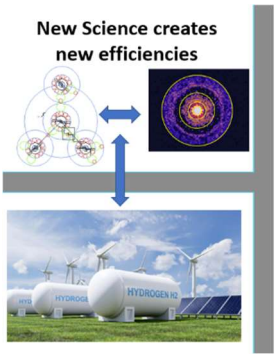
Title: Solar-Wind-Hydrogen Fuel Cell Energy Plants

Team name: CWI Rural Energy

Rural: Partner Track Goal



The Project:

Rural communities face challenges when it comes to energy access and affordability. The technology is here to revolutionize the energy landscape by providing clean and sustainable solutions to rural areas.

Our solution revolves around harnessing the power of solar and wind energy, two of the most abundant and economical sources available combined with hydrogen fuel cells for energy storage and backup enhanced with our efficient new processes for solar capture, hydrogen separation, fuel cell design.

Targeted Communities: Our initial implementation focuses on three key communities. Theodore, Alabama, with a population of 6,270, boasts abundant sun and water resources. Tunica, Mississippi, presents a prime 3,000-acre property opportunity near the Mississippi River. White Signal, New Mexico, for a wind-hydrogen fuel cell project, collaborating with the FIX program at New Mexico State University.

Proposed Partnership Model: Success lies in building strong partnerships. By collaborating with local community leaders, government entities, and universities.

Team and Expertise: Our experienced team comprises individuals who bring unique expertise to the project. Gregory Friedlander who developed the technology, Riley Mays, an electrical engineer and physicist, Wade Sanders, a master electrician, and David Loving, an industrial expert. Collaborations with New Mexico State University's FIX program and other universities will ensure a diverse range of skills and knowledge.

Risk Mitigation: We mitigate risks by having a strong team and building upon the proven effectiveness of solar energy production, fuel cells, and hydrogen separation technologies.

Project Impact: Providing energy to areas lacking their own generation sources, we bridge the energy access gap, lower energy costs, promote renewable energy, and reduced environmental impact. Job creation and income generation will strengthen the economic resilience of rural communities.

3 Minute Video Pitch: https://youtu.be/DO6gdOV7lUQ

Primary Location: Mobile, Al