

Hydrogen Renewable Energy Storage

Modern Smart Grid Infrastructure

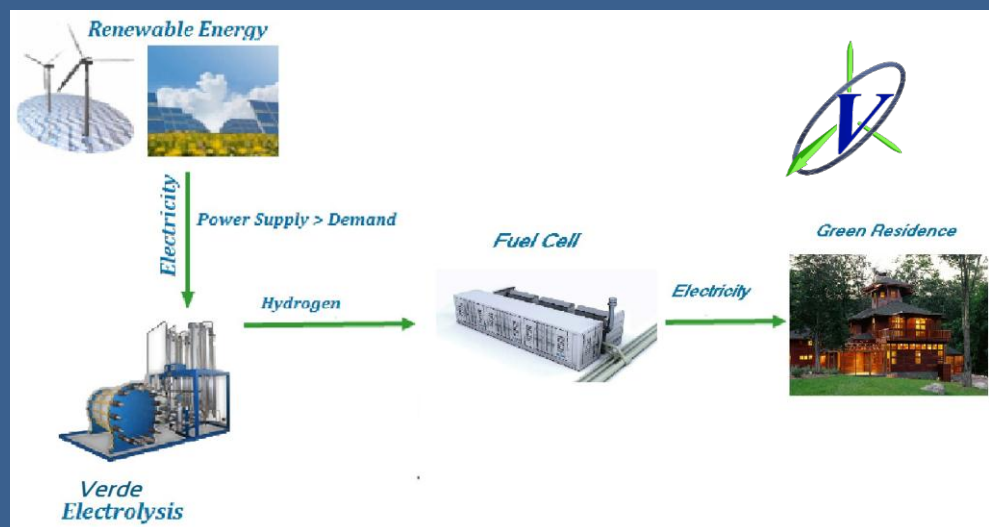


Greentech Design

The market demand forcing the explosive growth in the renewable energy sector is causing another paradigm shift in how energy generators design their systems. The inherent flaw with renewable energy is its intermittent supply, which necessitates an additional system component for distributed generation. The Verde Hydrogen Energy Storage system is a cost effective and reliable method for backing up primary renewable generation with a pure, on-demand energy source. Today, the costs of hydrogen storage have decreased to a point where the technology is being accepted as a market based energy solution. Unlike large battery banks which are composed of toxic heavy-metals, and significantly decrease output in 5 years or less, Verde Energy Storage provides clean, full power for the total extent of the system's lifetime—25 years.

VERDE Renewable Hydrogen Energy Storage

- 1) Utilizes Renewable Power to support electricity generation
- 2) Wide variety of systems to fit any size and generation environment
- 3) Containerized system enables easy installation and functional look
- 4) Low operating and maintenance costs
- 5) Auto-controls minimize user input and maximize safety



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