



Gfips
by FutureE

Grid and Fuel Independent Power Supply
The Ultimate in Autonomy
The Absolute in Zero Emissions

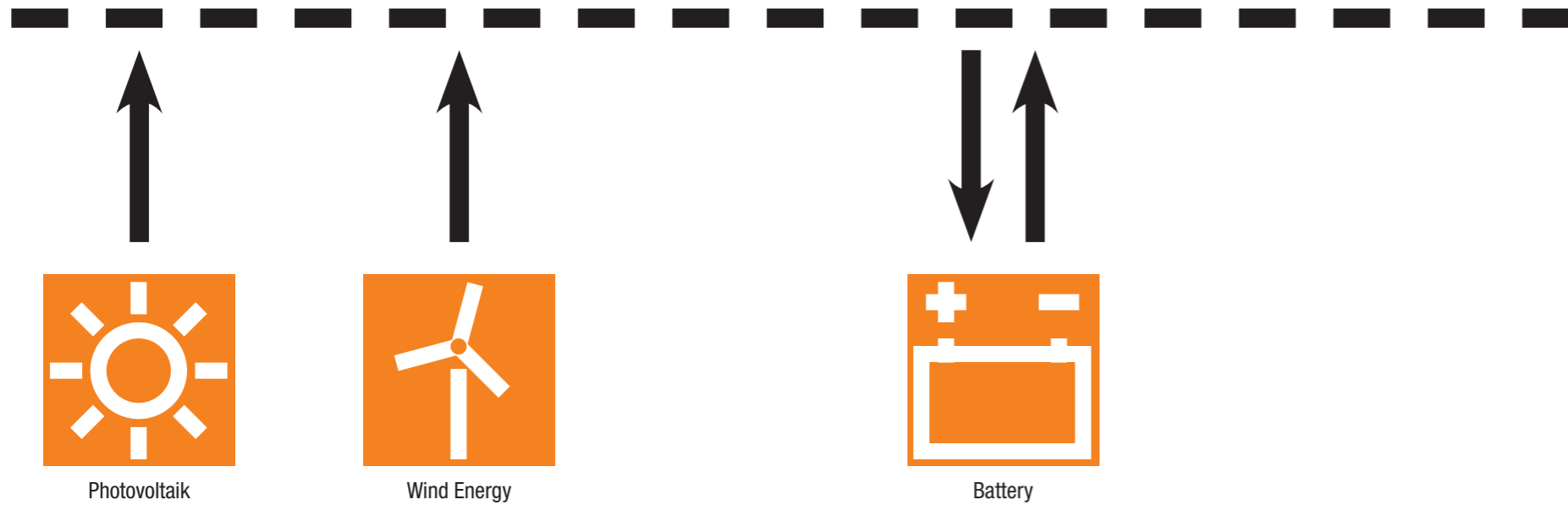
New fuel cell technology allows for entirely new thinking about **power supply to remote locations**. FutureE provides an integrated system, using existing solar and wind powered supply, but enables **much greater efficiency and reliability** through the use of their Jupiter product range. Installing this integrated system eliminates the need for power lines and costly diesel fuel supply.

GFIPS meets all requirements where power must be supplied without a grid:

- Independent of cables, fuel and rising energy prices
- No fuel, zero emissions
- Grid-like availability
- Long economic life, due to the long-term viability of fuel cells

APPLICATIONS:

- Low power range requirements: from 0,5 kW up to higher power levels
- Remote locations: wherever power line or diesel logistics are prohibitive



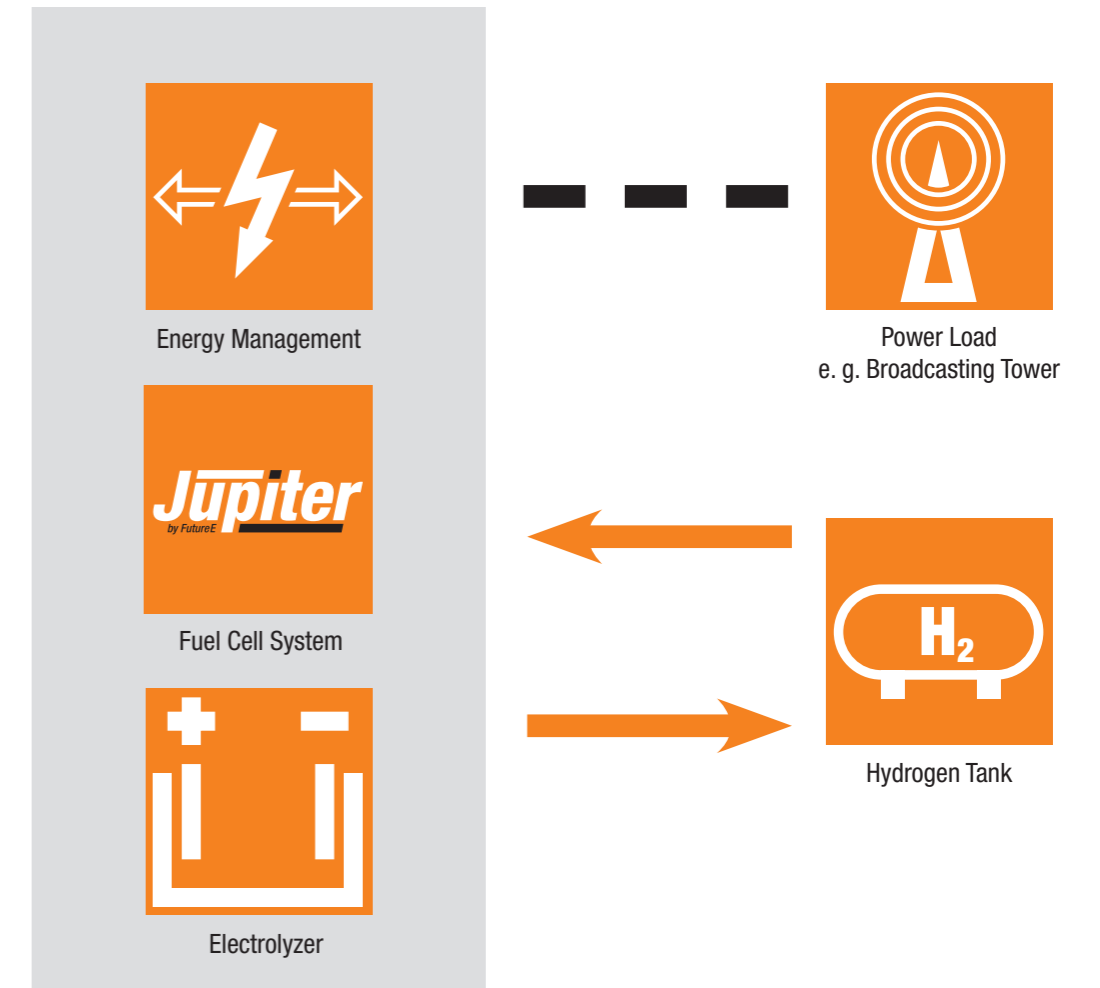
Photovoltaik

Wind Energy

Battery

Energy Management

The energy management coordinates the different energy sources to optimize the overall performance.



Power Load
e. g. Broadcasting Tower

Hydrogen Tank

Main Source

Sun and wind are the primary source for the energy demand throughout the year.

Battery

A battery buffer allows short-term coverage when sun and wind are off.

Regenerative Fuel Cell

Excess energy from sun and wind powers an electrolyzer, converting electric energy into hydrogen. It is reconverted into electrical energy by FutureE's Jupiter Fuel Cell System whenever sun and wind cannot fully meet the overall power demand.



OUR APPROACH:

Reducing complexity to a modular design to **maximize reliability**.
Applying cutting edge technology to **maximize durability**.
The result for customers: **minimized Total Cost of Ownership**.

HOW WE WORK:

We scope a customer's precise power needs, including a complete power solutions analysis as required. We are able to offer engineering advice and a full installation service. Our after-sales service includes training, maintenance and repair right through to monitoring of our fuel cell system units.

ABOUT US:

FutureE Fuel Cell Solutions GmbH is a German fuel cell system company focused on innovative fuel cell systems and energy solutions. Our team is stable, enthusiastic and has a many years' experience in fuel cell technology, gained in industry leaders.

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