



Press Release

ElectroSelf guarantees power to a high-speed Green Internet system based on renewables

– The World's only self-recharging fuel cell system manages energy mismatch with lower costs and higher performances than batteries and legacy solutions –

Torino, 23 January, 2012 – Electro Power Systems SpA (ElectroPS), recently selected by the World Economic Forum as a *Technology Pioneer 2012*, has deployed its ElectroSelf self-recharging, logistics-free backup power solution within an Agile Energy System based on solar and wind. The system guarantees 24/7 power and will be used to feed a Wi-Max antenna that brings Broadband Internet to a rural area where, up until now, network connections were difficult and high-speed connectivity near impossible.

The Agile Energy System has been entirely designed and built by ElectroPS and is deployed in Cellarengo Italy, within the famous Monferrato wine region. It provides 100% clean energy to a Wi-Max antenna that delivers high-speed connectivity to an area that spans 40km, and is located within the innovative “Casa Rossa,” a traditional country villa that has been transformed into a cultural center focused on wine education, culinary arts and other activities leveraging the culture and tradition of the region.

Consisting of a photovoltaic system and a mini-windmill, the Green Energy System is based on the ElectroSelf fuel cell power system, an enabling technology for Distributed Energy that significantly increases the value of small-scale renewables infrastructures by minimizing the mismatch in energy production and consumption. It does this by efficiently storing energy from the grid or when renewables are plentiful, and instantaneously releasing energy whenever renewables are weak or absent. As such, the system is able to guarantee a steady power supply to the antenna, ensuring always-on connectivity.

“ElectroSelf completely eliminates the need for fuel logistics, delivers overall lower costs than batteries or other legacy technologies and delivers operating and optimization benefits including full remote management and product lifecycle of up to 20 years,” explains Adriano Marconetto, founder and CEO of Electro Power Systems. *“It is therefore the only solution able to guarantee constant power within Agile Energy System while saving both time and money.”*

About ElectroSelf

ElectroSelf is a compact, intelligent, closed-loop fuel cell system that is able to store energy from the grid or when renewables are plentiful, and instantaneously release energy when there is a power dip or outage. It engages automatically whenever external power fails, and whenever power is available it automatically generates its own hydrogen and oxygen from water. The ability to automatically store and release energy enables ElectroSelf to minimize the mismatch in energy production from smart grids, and effectively leverage renewable energy in parts of the world that still lack grid infrastructures.

About Electro Power Systems

Italian-based Electro Power Systems is the emerging leader in fuel cell systems for mission-critical backup power applications, Electro Power Systems' self-recharging ElectroSelf platform was named "Most Innovative Product Enabling a Greener World" at the GSMA's Mobile Innovation EMEA event in June 2009. The Company has a robust Intellectual Property portfolio, a track record of successful innovation and a growing revenue base. At present, over 600 fuel cell power systems have been installed within Europe, Asia, Africa and the Americas. Electro Power Systems is still managed by its cofounders and has recently opened branches within the UK and India. Its shareholders include selected strategic partners and key institutional investors. More information can be found at www.electrops.it

ElectroSelf is a trademark of Electro Power Systems SpA.

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