



Saft Intensium® Max Li-ion system to provide megawatt level energy storage for Endesa-led STORE project on the Canary Islands

Paris, August 29, 2012 – Saft, the world’s leading designer and manufacturer of high-tech industrial batteries, will provide the megawatt level lithium-ion (Li-ion) energy storage system (ESS) for one of Europe’s first large-scale electricity storage projects. In 2013, a fully integrated Saft ESS capable of delivering 1 megawatt (MW) of power for up to 3 hours will be commissioned on the Spanish Island of Gran Canaria as part of the Endesa-led pioneering STORE (Storage Technologies of Reliable Energy) project to demonstrate how energy storage can maximize the integration of renewable energy - wind or photovoltaic – within utility networks and optimize the grid infrastructure.

Endesa, which is part of the Enel Group and Spain’s largest electric utility, is heading the 11 million euro STORE project which is partially funded by the Spanish Ministry of Economy and Competitiveness’ CDTI (Centre for the Development of Industrial Technology). The aim of the STORE project is to demonstrate the technical and economic viability of large-scale energy storage as a solution to reduce the need for grid infrastructure upgrades and to lower system operation costs, and to further increase the penetration of intermittent renewable generation within power networks. This project will also contribute to the penetration of electric vehicles on the Canary Islands.

‘Energy storage is one of the new paradigms that will determine the direction of the electricity business in the medium term.’ says Pablo Fontela Martinez, Project Manager STORE, Endesa. *‘The constant growth in renewable energy generation on the Canary Islands places a much greater load on their transmission infrastructures and electrical distribution, while the nature of the local geography makes it extremely difficult to carry out traditional upgrading projects. Installing Saft’s ESS on Gran Canaria is an ideal opportunity to evaluate the technical and economic viability of this innovative solution by making reserves of energy available in isolated locations, distribution substations and even for energy arbitrage.’*

For the STORE project, Saft will deliver a fully integrated turn-key ESS based on Intensium® Max 20 containerized systems (comprising Li-ion battery modules, power management and control interfaces, air conditioning and safety devices) together with the appropriate power conversion system for connection to Gran Canaria’s grid. Together, the entire system will deliver 3 MWh of energy to help smooth the peak demand on a substation and compensate for the intermittent production of wind farms and solar photovoltaic (PV) installations, as well as delivering ancillary services such as network frequency and voltage control.

“We are delighted to be working with Endesa on this innovative project” says Guy-Patrick de Broglie, SAFT ESS Business Unit Sales Director for Europe & Asia. *“We believe that Li-ion technology is an excellent solution to support increasing penetration of renewable energy and especially to meet island grid requirements.”*

The Intensium® Max 20 containerized systems will be manufactured at Saft’s specialized Li-ion facility in Bordeaux, France, for delivery at the end of 2012.

**About Saft**

Saft (Euronext: Saft) is a world leader in the design and manufacture of advanced technology batteries for industry. The Group is the world's leading manufacturer of nickel batteries and primary lithium batteries for the industrial infrastructure and processes, transportation, civil and military electronics' markets. Saft is the world leader in space and defence batteries with its Li-ion technologies which are also being deployed in the energy storage, transportation and telecommunication markets. Saft's 4,000 employees present in 19 countries, its 16 manufacturing sites and extensive sales network all contribute to accelerating the Group's growth for the future.

For more information, visit Saft at www.saftbatteries.com

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