



JM Energy Completes Construction of Manufacturing Plant, Evaluation Building and Safety Assessment Laboratory for Flat Prismatic Type Lithium Ion Capacitors

YAMANASHI - December 6, 2011 - JM Energy Corporation (President: Goro Miyabe) announces to complete the construction of its new manufacturing plant, auxiliary Evaluation Building and Safety Assessment Laboratory in late October, and to commence pilot production of LICs in late November. The plant was created for JM Energy's flat prismatic-type lithium-ion capacitor cell business, which was chosen as a Fiscal Year 2010 Low-Carbon Emission Job-Creating Business Advancing Industrial Sites by the Ministry of Economy, Trade and Industry.

JM Energy will begin full-scale production at a production capacity of 120,000 cells per year of flat prismatic type LICs, which were debuted on February 25th of this year.

The flat prismatic type LIC, developed with proprietary JM Energy technology, has a larger surface area and higher heat radiation efficiency resulting in the special feature of reduced deterioration due to heat released in charging and discharging in comparison to the common cylindrical type battery. Moreover, the LICs can be placed in serial-parallel without any spaces, contributing to the miniaturization of the overall system. This spring, the company began sample shipment of these LICs and continues to explore possible applications by customers, especially focusing on transportation.

JM Energy will continue to develop LICs towards a wide variety of applications, including energy regeneration, peak charge assist, storage and back-up power supply which require a wide range of voltages and are used in the industrial, construction, and shipping machinery (busses, trucks, municipal electric railways, aircraft, etc) fields.

Reference:

<Outline of JM Energy's New Evaluation Building and Safety Assessment Laboratory>

-Structure:

Evaluation Building: double-story steel construction

Safety Assessment Laboratory: single-story steel construction.

-Total floor space:

Evaluation Building: 405 m²

Safety Assessment Laboratory: 48 m²

-Construction begun: July 1, 2011

-Construction completed: October 31, 2011

<Photo: JM Energy's Newly-Completed Evaluation Building and Safety Assessment Laboratory >

