



NEWS RELEASE

Solar Frontier Featured In Next-Generation Built-In Solar Residence

Tokyo, October 25, 2013 —Solar Frontier will supply its CIS solar modules for Sekisui Heim's new housing product, "Smart Power Station". The product is an example of a "net-zero energy house," which combines energy-saving and energy-generating features that consume net-zero energy from the grid.

Solar Frontier's CIS solar modules can be installed horizontally, enabling installers to make use of the maximum installation area, and on flat roofs, the panels will continue to produce under debris because of tolerance under partial shadow. Overall, a wide range of roofs can be effectively outfitted with CIS solar panels.

Solar Frontier continues to develop its residential offerings and is expanding its residential business aggressively with innovative solutions. On top of fulfilling residential market needs through advanced design and performance, Solar Frontier modules have the advantages of made-in-Japan quality and credibility.

Solar Frontier is committed to contributing to the standardization of net-zero energy housing and the popularization of renewable energy in Japan. Solar Frontier's CIS technology offers among the highest conversion efficiencies of any mass-produced thin-film modules and, together with technical characteristics that boost performance under actual conditions--such as high temperature tolerance and excellent low-light absorption--leads to a faster investment payback time and overall return on investment.

Zero Energy Housing has been indicated by the Japanese government to become the standard for new-built residences by 2020. Sekisui Heim is part of Sekisui Chemical Group, a Japanese company focusing on the creation of housing, social infrastructure and chemical solutions.

Smart Power Station Using Solar Frontier CIS Modules



Image provided by Sekisui Heim

About Solar Frontier

Solar Frontier K.K., a 100% subsidiary of Showa Shell Sekiyu K.K. (TYO:5002) ("Solar Frontier"), has a mission to create the most economical, ecological solar energy solutions on Earth. Building on a legacy of work in solar energy since the 1970s, Solar Frontier today develops and manufactures CIS (denoting copper, indium, selenium) thin-film solar modules for customers in all sectors around the world. Solar Frontier's gigawatt-scale production facilities in Miyazaki, Japan, integrate compelling economical and ecological advantages into every module: from lower energy requirements in manufacturing to the higher overall output (kWh) of CIS in real operating conditions. Solar Frontier is headquartered in Tokyo, with offices in Europe, the U.S.A., and the Middle East. Visit www.solar-frontier.com for more information.

Showa Shell Sekiyu K.K.

Showa Shell Sekiyu K.K. is listed on the Tokyo Stock Exchange and has roots dating back more than 100 years in the downstream energy business.

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