

# SHOWA SHELL—THE YEAR IN REVIEW

## Next-Generation “solacis” CIS Solar Powered Cells Honored at 2007 (12th) New Energy Awards (Minister of Economy, Trade and Industry Prize)

In addition to the significant reduction in the burden on the environment our solar-powered products will achieve, we also received recognition for the future potential in terms of innovation in production technology, potential to improve performance, and the prospects for cost reducing through mass production, and for the superior product design.



## Establishment of Paraxylene Joint Venture TS Aromatics Ltd.

This joint venture for the manufacture and sale of paraxylene was established in cooperation with Teijin Fiber Co., Ltd. and Mitsubishi Corporation. With this step, Showa Shell has secured a stable buyer of mixed xylene and advanced into the paraxylene sector.

## Expansion of Biofuel Sales Area

In April 2007 we joined a project to prove the feasibility of distribution of biogasoline blended with the additive ethyl tertiary butyl ether (ETBE) beginning with seven service stations in the Tokyo Metropolitan area. From May to June 2008 we added a further nine service stations in Tokyo Metropolitan and the Tohoku region, bringing the total to 16 stations.

## Establishment of Enessance Holdings Co., Ltd.

As a key step in the integration of our liquefied petroleum gas (LPG) operations with those of Sumitomo Corporation, we jointly established by merger a holding company that controls the relevant sales companies.

## Announcement of Installation of Quick-Recharge Equipment for Electric Vehicles (EVs) at Service Stations

To support initiatives by Kanagawa Prefecture aimed at establishing recharging infrastructure and promoting EV uptake, we decided to be the first in Japan to install a quick-recharge equipment at service station. (In March 2009, a quick-recharge station was installed at a service station in Kanagawa Prefecture’s Fujisawa City.)

## 2008

January

## First Open Symposium Energy Sustainability Forum “The Challenge of Energy Sustainability” Held

In conjunction with the University of Tokyo-Integrated Research System for Sustainability Science (IR3S), we sponsored a forum with discussion centered on technological aspects of energy supply systems for the 21st century, as part of our efforts to explore energy sustainability through industry-university collaboration.

February

March

## Road Tests of Company-Owned Buses Using GTL Fuel

Road trials of buses using GTL (Gas to Liquids) fuel were conducted for a year beginning April 2008, to provide proof that such fuels can reliably perform under hot weather and other environmental conditions.

April

May



June

July

## Establishment of Atsugi Research Center for Next-Generation CIS Solar Powered Cells and Collaborative Development of Mass Production Technology Announced

To enhance technology development, we decided to establish the Atsugi Research Center and to conduct collaborative research with Ulvac, Inc. to improve the productivity of manufacturing equipment ahead of the start of mass production.

August

September

## Second Open Symposium Energy Sustainability Forum “The Challenge for Energy Sustainability—Demand for Sustainable Energy and Changing Lifestyles” Held

With a focus on energy demand in a sustainable and prosperous society, discussion in this forum explored technological innovations and socioeconomic systems, institutions and policies that contribute to the development of a sustainable society.

October

November

## Appointment of President and Representative Director Arai

After serving as acting President and Representative Director since August 2008, Mr. Jun Arai was formally appointed President and Representative Director of Showa Shell Sekiyu K.K. on November 5.

December

## 2009

March

## Appointment of Chairman and Representative Director Kato

On March 27, 2009 at the 97th General Shareholders’ Meeting and a meeting of the Board of Directors, the Chairman and Representative Director was appointed and a new management structure was launched.

April

## Construction of Miyazaki Plant 2 for Next-Generation CIS Solar Powered Cells

Final construction on a Miyazaki Plant 2 for the production of CIS solar powered cells was completed in April 2009. The plant is set to produce the equivalent of 60MW of cells annually, and will expand Showa Shell’s presence in the solar powered cells industry.