**Dow Elastomers and Dow Corning Jointly Showcase a Broad Portfolio of Photovoltaic Solutions at SNEC**

Press Information

*Booth highlights portfolio of technology that enhances*

*performance of PV modules, and electronic components*

**Shanghai, China – April 13, 2017 –** TheDow Chemical Company (NYSE: DOW), an industry leader in materials-science based solutions for a variety of markets, is exhibiting at SNEC International Photovoltaic Power Generation Conference & Exhibition in Shanghai, from April 19 – 21. Held annually, it is the largest photovoltaic (PV) tradeshow globally. Dow Elastomers and Dow Corning are coming together for the first time to jointly exhibit at Shanghai New International Expo Center (SNIEC) in Hall W4, Booth 550.

“With an impressive 69GW of solar power installation predicted for 2017, which is expected to grow to an estimated 109GW installed in 20211, it is clear that the solar power industry will continue to be a vital part of the planet’s renewable energy future,” said Andrew Yen, marketing manager, Dow Elastomers, Asia Pacific. “Dow Elastomers is committed to this industry, and together with Dow Corning, our combined portfolio of material-science based innovations will enhance the performance of PV components, providing more reliable and increased power generation, which is essential to this dynamic market.”

**Solutions from Dow Elastomers**

Dow Elastomers supplies ENGAGE™ PV polyolefin elastomers to manufacturers of PV module encapsulant film. PV modules that utilize POE-based film demonstrate longer energy production life and better durability.

PV modules made with ENGAGE™ PV POE-based encapsulant films provide:

* **Increased power generation**, electrical efficiency, reliability, and extended life of the PV module
* **Improved Potential Induced Degradation (PID) resistance,** reducing premature module failure and replacement
* **Lower Levelized Cost of Energy (LCOE) and better project economics** for solar developers
* **Better long-term weathering performance** that enables better durability and power output for the life of the module
* **Lower Water Vapor Transmission Rate (WVTR) / moisture resistance** eliminating the corrosion problems associated with the use of EVA encapsulants

ENGAGE™ PV POE is an exceptional choice for use in all types of PV modules, including more demanding N-type cells, glass/glass, high power and bifacial PV modules.

**Solutions from Dow Corning**

Solar micro-inverters, power optimizers and other high-value electronics need a level of protection to ensure longer lifecycles in outdoor environments. Dow Corning, a wholly-owned subsidiary of The Dow Chemical Company, provides several high-performing, silicone-based coatings, encapsulants, adhesives and gels for these important components of a solar power system.

Advanced silicone solar solutions from Dow Corning are used in a variety of highly-sensitive electronic components of solar power systems to add durability, enhance mechanical strength and prevent corrosion due to moisture incursion from harsh outdoor environments.

Dow Corning’s thermal management solution has been widely used in Telecom and Transportation Electronics and has been proven to be of good stability in harsh environment with effective heat dissipation to ensure the long life cycle of the devices.

In addition, Dow Industrial Solutions, a business unit of The Dow Chemical Company, will also highlight their solutions at SNEC. Dow Industrial Solutions supports polysilicon, wafer cutting coolant and conductive paste producers with a broad portfolio of products along with expertise in minimizing friction & heat management, managing oil and water interface and facilitating dissolvability.

For more information, visit [www.dowpv.com](http://www.dowpv.com) for Dow Elastomers and <http://www.dowcorning.com> for Dow Corning

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**About Dow**

Dow (NYSE: DOW) combines the power of science and technology to passionately innovate what is essential to human progress. The Company is driving innovations that extract value from material, polymer, chemical and biological science to help address many of the world's most challenging problems, such as the need for fresh food, safer and more sustainable transportation, clean water, energy efficiency, more durable infrastructure, and increasing agricultural productivity. Dow's integrated, market-driven portfolio delivers a broad range of technology-based products and solutions to customers in 175 countries and in high-growth sectors such as packaging, infrastructure, transportation, consumer care, electronics, and agriculture. In 2016, Dow had annual sales of $48 billion and employed approximately 56,000 people worldwide. The Company's more than 7,000 product families are manufactured at 189 sites in 34 countries across the globe. References to "Dow" or the "Company" mean The Dow Chemical Company and its consolidated subsidiaries unless otherwise expressly noted. More information about Dow can be found at [www.dow.com](http://www.dow.com).

**About Dow Elastomers**

Dow Elastomers, a business unit of The Dow Chemical Company (NYSE: DOW), is the world’s leading producer of polyolefin elastomers, with the industry’s broadest product portfolio, and the largest global producer of metallocene EPDM, with more than 40 years of experience in a variety of applications and market segments including transportation, packaging, building and construction, infrastructure and consumer goods, among others.  Dow Elastomers is the only producer with world-scale trains on three continents, possessing unparalleled manufacturing, application development and market research capabilities around the world.

The business is also further investing for innovation and growth, to support customers’ needs and address market challenges globally, primarily through new world-scale trains in Saudi Arabia, as part of Dow’s joint venture, Sadara Chemical Company, as well as in the U.S. Gulf Coast, where Dow Elastomers is leveraging the company’s comprehensive investment plan to serve its downstream businesses through increased ethylene and propylene production in the U.S. Gulf Coast and to connect the Company's U.S. operations into feedstock opportunities from increasing supplies of shale gas.

**About Dow Corning**Dow Corning ([dowcorning.com](http://www.dowcorning.com/)), a wholly owned subsidiary of The Dow Chemical Company, provides performance-enhancing solutions to serve the diverse needs of more than 25,000 customers worldwide. A global leader in [silicones](http://www.dowcorning.com/content/discover), silicon-based technology and [innovation](http://www.dowcorning.com/content/about/aboutinnov), Dow Corning offers more than 7,000 products and services via the company’s Dow Corning® and [XIAMETER](https://www.xiameter.com/)® brands. More than half of Dow Corning’s annual sales are outside the United States. Dow Corning’s global operations adhere to the American Chemistry Council’s Responsible Care® initiative, a stringent set of standards designed to advance the safe and secure management of chemical products and processes.

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