



Contact: Dan O'Mahony
Schwartz Communications
415-512-0770
Soladigm@schwartzcomm.com

SOLADIGM'S DYNAMIC GLASS EXCEEDS NREL DURABILITY TESTS

Rigorous Testing Verifies Long-Term Durability of Soladigm's Dynamic Glass

Milpitas, Calif.– August 9, 2011 – [Soladigm](#), a developer of highly energy-efficient Dynamic Glass for next-generation buildings, today announced that the U.S. Department of Energy's National Renewable Energy Laboratory (NREL) has confirmed that Soladigm's Dynamic Glass has passed ASTM E2141-06 durability testing.

NREL tested Soladigm's Dynamic Glass units, which were put under the equivalent conditions of the sun's radiation at an elevated temperature, simulating the effect of real-world use in buildings for the lifetime of window glass. More than 50,000 cycles of testing were completed, after which each unit showed no change in physical appearance or performance.

“Soladigm is one of only two companies to have successfully met this durability milestone for Dynamic Glass technology,” said Dr. Anne Dillon, Principal Scientist at NREL. “Soladigm's samples stood up to our rigorous testing protocol showing no degradation. The stability shown throughout the testing clearly proves that Soladigm has developed a highly durable product.”

“There are numerous technologies that can achieve color change in transparent materials. An insulated glass unit installed in a building window or a façade needs to withstand the harsh UV and high temperature environments for an extended period of time,” said Dr. Rao Mulpuri, CEO of Soladigm. “The selection of materials and manufacturing technology in our Dynamic Glass unit took into account this important requirement from the beginning. This result at NREL is a significant milestone for Soladigm, validating the commercial viability of our product.”

Soladigm continues to achieve significant milestones toward high-volume production. Soladigm's Dynamic Glass, which electronically switches from clear to tinted on demand, enables control of heat and glare in buildings while providing greater comfort, uninterrupted views, and natural daylight. Soladigm Dynamic Glass windows will reduce HVAC energy usage by 25 percent and peak load by 30 percent in commercial buildings.

About Soladigm

Soladigm is a developer of next-generation green building solutions designed to improve energy efficiency. The company's highly energy efficient dynamic glass switches from

clear to tinted on demand, resulting in significant cost savings, environmental benefits, and quality of life enhancements. Soladigm is headquartered in Milpitas, California. For more information, visit www.soladigm.com.

About National Renewable Energy Laboratory

The National Renewable Energy Laboratory (NREL) is the nation's primary laboratory for renewable energy and energy efficiency research and development (R&D). NREL is operated for the U.S. Department of Energy by The Alliance for Sustainable Energy, LLC. Window testing is performed under the supervision and funding from the Department of Energy, Energy Efficiency and Renewable Energy, Buildings Technology Program. For more information, please visit <http://www.nrel.gov/>

###