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PRESS RELEASE – FOR IMMEDIATE RELEASE

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Mount Vernon, Ohio – Replex Plastics announces the company has been awarded a grant for \$1,275,500 from the Ohio Third Frontier Photovoltaic's Program for the development and testing of low-cost, low-concentration photovoltaic modules for electric power generation from sunlight.

Replex's goal is to drastically reduce the cost of solar power by reducing the cost per Watt of the most expensive component – the photovoltaic (PV) cells. This is to be accomplished by concentrating sunlight with Replex' acrylic mirrors, thereby increasing the PV cells' electricity production approximately 10 times more than that of conventional PV modules. Replex' technology is expected to be fully suitable for deployment in Ohio and other temperate climates because it will continue to generate electricity even on partly cloudy days. The company will welcome and appreciate opportunities for beta sites for field testing later in 2010 and in 2011.

The R&D portion of the project will begin in February 2010 and will continue for 2 years. Long term the company plans to manufacture these modules in their Mount Vernon, Ohio facility. For PV cell optimization work Replex will be collaborating with the Ohio Wright Center for Photovoltaic's Innovation and Commercialization (PVIC) at the Ohio State University. Replex will collaborate with Dovetail Solar and Wind for module prototype testing and product evaluation.

“This is a major opportunity for us to grow,” said Replex President Mark Schuetz “We believe we have a better mousetrap. This funding will open up opportunities for professional growth for existing employees, create immediate hiring needs, strengthen Replex as a company, and build on our core technology base”. Schuetz added, “We expect large new market opportunities for revenue and job growth as a result of this project”.

Replex has already been working on mirror technology for solar applications for over two years. This prior work by Replex resulted in “weatherable” curved mirrors specifically designed for concentrating sunlight. The new grant will build on prior success to develop a complete concentrating photovoltaic module.

Robert J. Davis, Director of the Ohio State Nanotech West Laboratory and Co-Director of PVIC, stated “This is an excellent example of Third Frontier funding being used to accelerate high-technology product development in Ohio. We're really excited about the possibilities of this technology”. Nanotech West includes 6,000 square feet of class 100 clean room space that will be used to fabricate and test the initial photovoltaic cells for the project.

Replex Plastics is a green business focused on creating cost-effective renewable energy solutions that protect and enhance the environment, create jobs, and reduce our dependence on imported energy sources. For more information about Replex Plastics and potential solar collaborations, please call 740-397-5535 or email Solar@Replex.com.