

New York

This fact sheet lists Inventions & Innovation projects from the state of New York.



Biomass

- **Anaerobic Pump - Technology Matrix Corporation**

 **Grant Category:** 1998 Category 2 Grant, \$99,904 Funding

 **Fact Sheet:** <http://www.eere.energy.gov/inventions/pdfs/techmatrixcorp.pdf>

Building Technologies

- **SOLARWALL© Air Preheating System - Conserval Systems, Inc.**

 **Grant Category:** 1992 Category 2 Grant, \$80,484 Funding

 **Fact Sheet:** <http://www.eere.energy.gov/inventions/pdfs/conserval.pdf>

- **Waste Fluid Heat Recovery System - WaterFilm Energy, Inc.**

 **Grant Category:** 1992 Category 2 Grant, \$90,000 Funding

 **Fact Sheet:** <http://www.eere.energy.gov/inventions/pdfs/waterfilm.pdf>

- **Variable Speed, High Efficiency, Integrated Electronic Motor for Residential HVAC Systems - Opto Generic Devices, Inc.**

 **Grant Category:** 2001 Category 2 Grant, \$200,000 Funding

 **Abstract:** <http://www.eere.energy.gov/inventions/pdfs/optogeneric.pdf>

FreedomCAR & Vehicle Technologies

- **Hydrostatic Mooring System - Jens Korsgaard**

 **Grant Category:** 1998 Category 2 Grant, \$99,000 Funding


 **Abstract:** <http://www.eere.energy.gov/inventions/pdfs/korsgaard.pdf>

Industrial Technologies

Aluminum

- **In-Situ, Real Time Measurement of Melt Constituents - Energy Research Company**

 **Grant Category:** 1999 Category 2 Grant, \$100,000 Funding

 **Fact Sheet:** http://www.eere.energy.gov/inventions/pdfs/real_time_measurement.pdf

 **I&I Impacts:** <http://www.eere.energy.gov/inventions/pdfs/ercoimpacts.pdf>

- **Novel Ceramic Composition for Hall-Heroult Cell Anode Application - Advanced Refractory Technologies, Inc.**

 **Grant Category:** 2000 Category 1 Grant, \$39,989 Funding

 **Fact Sheet:** <http://www.eere.energy.gov/inventions/pdfs/advreftech.pdf>

- **Development of Inert Anode for the Primary Aluminum Industry - Energy Research Company**

 **Grant Category:** 2001 Category 1 Grant, \$40,000 Funding

Cross-cutting

- **WeldComputer® Resistance Welder Adaptive Control - WeldComputer Corporation**

 **Grant Category:** 1994 Category 2 Grant, \$99,760 Funding

 **Fact Sheet:** <http://www.eere.energy.gov/inventions/pdfs/weldcomp.pdf>

 **I&I Impacts:** <http://www.eere.energy.gov/inventions/pdfs/weldcomputercorp.pdf>

- **Energy Saving Lightweight Refractory - Silicon Carbide Products, Inc.**

 **Grant Category:** 2000 Category 2 Grant, \$158,041 Funding

 **Fact Sheet:** <http://www.eere.energy.gov/inventions/pdfs/silicar.pdf>

- **High-Temperature Coating for Gas Turbine Components - Turbine Coatings, Inc.**

 **Grant Category:** 2000 Category 2 Grant, \$200,000 Funding

 **Fact Sheet:** <http://www.eere.energy.gov/inventions/pdfs/turbinecoat.pdf>

 **Abstract:** <http://www.eere.energy.gov/inventions/pdfs/turbinecoatingsinc.pdf>

Glass

- **High Purity Fused Silica Glasses - Rensselaer Polytechnic Institute**

 **Grant Category:** 2001 Category 1 Grant, \$40,000 Funding

- **Selective Batching for Improved Commercial Glass Melting - Alfred University**

 **Grant Category:** 2002 Category 1 Grant, \$40,000 Funding

 **Annual Report:** http://www.eere.energy.gov/inventions/pdfs/12048_alfreduniversity.pdf

- **In-Situ, Real Time Measurement of Molten Glass Properties - Energy Research Company**

 **Grant Category:** 2005 Category 2 Grant, \$250,000 Funding

 **Abstract:** <http://www.eere.energy.gov/inventions/pdfs/erco.pdf>

Steel

- **Recycling Acids and Metal Salts from Pickling Liquors - Green Technology Group**

 **Grant Category:** 1996 Category 2 Grant, \$99,950 Funding

 **Fact Sheet:** <http://www.eere.energy.gov/inventions/pdfs/pickling.pdf>

 **I&I Impacts:** <http://www.eere.energy.gov/inventions/pdfs/greentechnologygroup.pdf>

Solar Energy Technologies

Commercialization of a 2.5kW Utility Interactive Inverter for Distributed Generation - Advanced Energy Conversion, LLC

 **Grant Category:** 2003 Category 2 Grant, \$250,000 Funding

 **Abstract:** <http://www.eere.energy.gov/inventions/pdfs/advancedenergyconv.pdf>



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Energy Efficiency and Renewable Energy

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