

...SolarWindow could give our cities the ability to harvest their own energy needs.

CNBC: Industrial Revolutions

\$100B Market; Rising Electricity Costs

There are over 430 million square feet of window glass installed in the U.S. alone. Electricity demand in the U.S. is expected to grow by 40% by 2032. Over 30% of U.S. electricity relies on coal, and over 70% of U.S. greenhouse gas emissions are generated from fossil fuels.

Product Diversity

SolarWindow is developing transparent electricity-generating coatings for glass and flexible materials. They are focused on three applications: commercial and architectural glass, retrofit and laminated veneers, and flexible glass and plastics applications. The potential applications for these products range from glass windows, buildings, automotive sun roofs, commercial and military aircraft, smart sensors, and more.

Pre-Market Opportunity

SolarWindow products are being invented. The SolarWindow™ technology has been independently validated. The company has a qualified business development team ready for deployment. With a 1- year modeled financial payback, this record-setting breakthrough technology could turn buildings into vertical power generators, potentially reducing electricity costs by 30-50% per year, depending on the building type and features, and location.

Patent-Pending; 9 Years in the Making

The SolarWindow™ technology is the subject of 14 patent filings and has been under development since 2009. It is currently being developed at the U.S. Department of Energy's National Renewable Energy Laboratory. Breakthroughs to-date include the development of transparent surfaces to wires and successfully processing SolarWindow™ transparent electricity generating glass through rigorous of a commercial autoclave system.



Win for Environment

Modeling for a single Installation may avoid 2.2 million miles of carbon dioxide vehicle pollution; 12x more than rooftop Solar PV.*



Powerful Performance

Being engineered to outperform rooftop solar by 50-fold. Works in natural, shaded, and even indoor light.*



Safe Low-cost Manufacturing

Earth-abundant organic materials. Liquid coatings, ideal for high speed and high volume production.*



Rapid Financial Payback

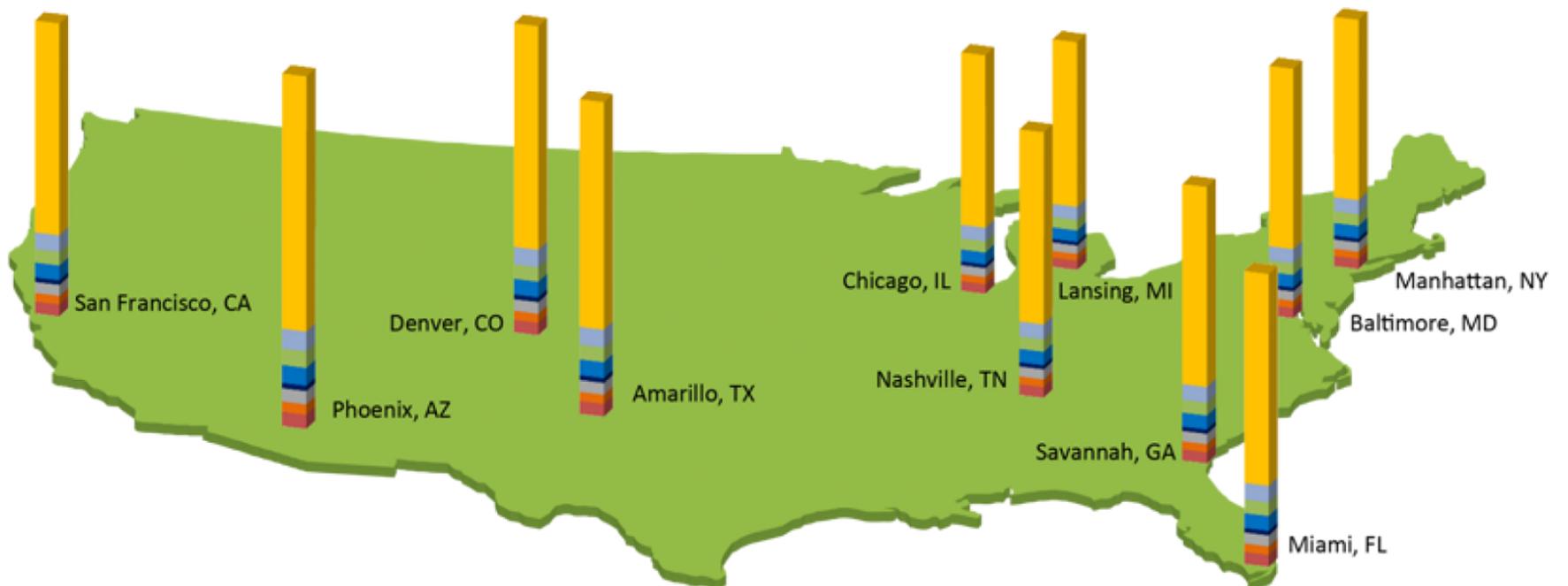
Under one year, Industry's fastest modeled financial return.*

Energy (kWh) Generated by SolarWindow™ vs Other Solar

Modeled for 50-story buildings in cities across America

Solar PV Technologies:

-  SolarWindow
-  H&A-Si
-  Poly C-Si
-  Mono C-Si
-  A-Si
-  CIS
-  CdTe
-  CIGS



Notes:

1. Energy estimate based on PV system installed on a 50-story building.
2. kWh = Kilowatt Hour.
3. Estimates modeled using Company's Proprietary Power Production Model: <https://solarwindow.com/powermodel>

*The information contained herein is derived from Company modeling and compares SolarWindow™ technology with PV systems installed on the roof of a 50-story building. SolarWindow™ products are currently under development and not available for sale.