

...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 65% 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. The company's product focus is: 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, and more.

Pre-Market Opportunity

SolarWindow products are in development. The SolarWindow™ technology has been independently validated. The company has a qualified business development team ready for deployment. With a 1- year independently-validated 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, features, and location.

Patent-Pending; 9 Years in the Making

SolarWindow™ technology is the subject of 60 U.S. and International 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 setting a new company performance record for power efficiency with a 34% increase in performance over previous generations of its transparent electricity-generating glass, and successfully processing SolarWindow™ coatings applied to glass through the rigorous conditions 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.*



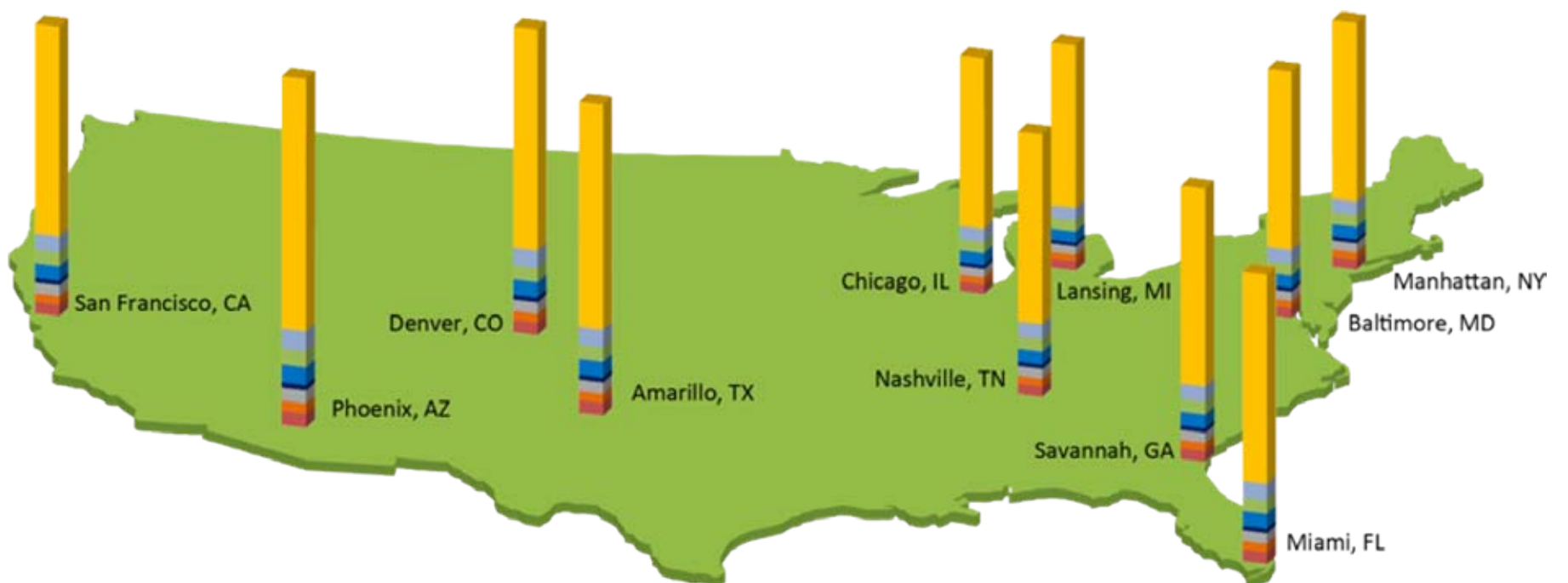
Rapid Financial Payback

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>