

High-Performance Windows Can Help Save The World

The request:

- Section 48 of the Internal Revenue Code includes a tax credit for electrochromic glass.
 - Extend the expiration of the tax credit to 2035.
 - Expand the definition to include other high performance window options including dynamic glazing, high R-value products, vacuum insulating glazing and triple glazing.
- Allocate DOE funds for high performance window implementation. Tie windows to the funding allocated for heat pumps in DOE programs.

Why Windows Matter

- Upgrading improves total building energy performance by up to 20%¹
- Improves comfort and health for occupants
- Reduces operational costs and carbon emissions



High-Performance Windows Save Lives in Buildings

- Improves building resiliency during storms and natural disasters
- Insulates the building and keep people alive during extreme hot and cold weather with power disruption



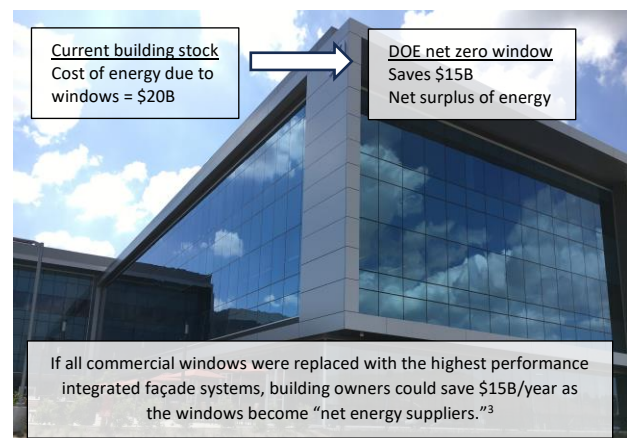
Heat Pumps + High-Performance Windows

- Work in concert and make heat pump programs more effective
- Allow for downsizing of replacement mechanical systems and more effective use of funding



Window Replacement/Retrofit Saves Energy²

- Supports skilled-worker job creation, manufacturing demand, and urban renewal



References: ¹<https://www.cardinalcorp.com/technology/case-studies/>; ² <https://www.glass.org/triple-glazing-and-embodied-energy-yes-juice-worth-squeeze>;
³Zero Energy Windows, Arasteh, D; Selkowitz, S; Apte, J; LaFrance, M, Proceedings of the 2006 ACEEE Summer Study on Energy Efficiency in Buildings, August 13-18, 2006, Pacific Grove, CA