

ADVOCACY

High-Performance Windows Can Help Save The World

The request:

- Section 48 of the Internal Revenue Code includes a tax credit for electrochromic glass.
 - \circ ~ 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



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



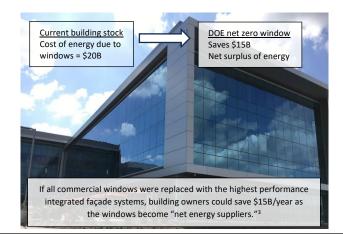
High-Performance Windows Save Lives in Buildings

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



Window Replacement/Retrofit Saves Energy²

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



References: ¹https://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

National Glass Association (NGA) combined with the Glass Association of North America (GANA) in 2018 to create the largest trade association serving our industry. We develop standards, create technical resources, and promote and advocate for glass in the built environment. Learn more at <u>glass.org/about-nga/advocacy</u>. For further information on glass industry sustainability efforts and high performance windows please feel free to contact NGA Technical Staff at <u>mailto:technicalsvcs@glass.org</u>.