

High Performance Window – Incremental Cost

Overview

With recent advancements in window technologies, momentum towards electrification, and a need to improve building envelope performance, there is an exciting opportunity to begin building window programs that are cost-effective and popular among utility customers. This memo outlines the incremental cost of high-performance Window Products

During the process of developing the new [ENERGY STAR specification for windows, doors and skylights](#) the cost of window products was evaluated. Based on this analysis it was determined that the incremental cost between a 0.32 U-Value Window (IECC 2015 code baseline) and a High-Performance Window meeting ENERGY STAR Version 7 criteria is \$54¹. As the baseline energy code becomes more stringent, the incremental cost decreases. These details are outlined in the figure below -

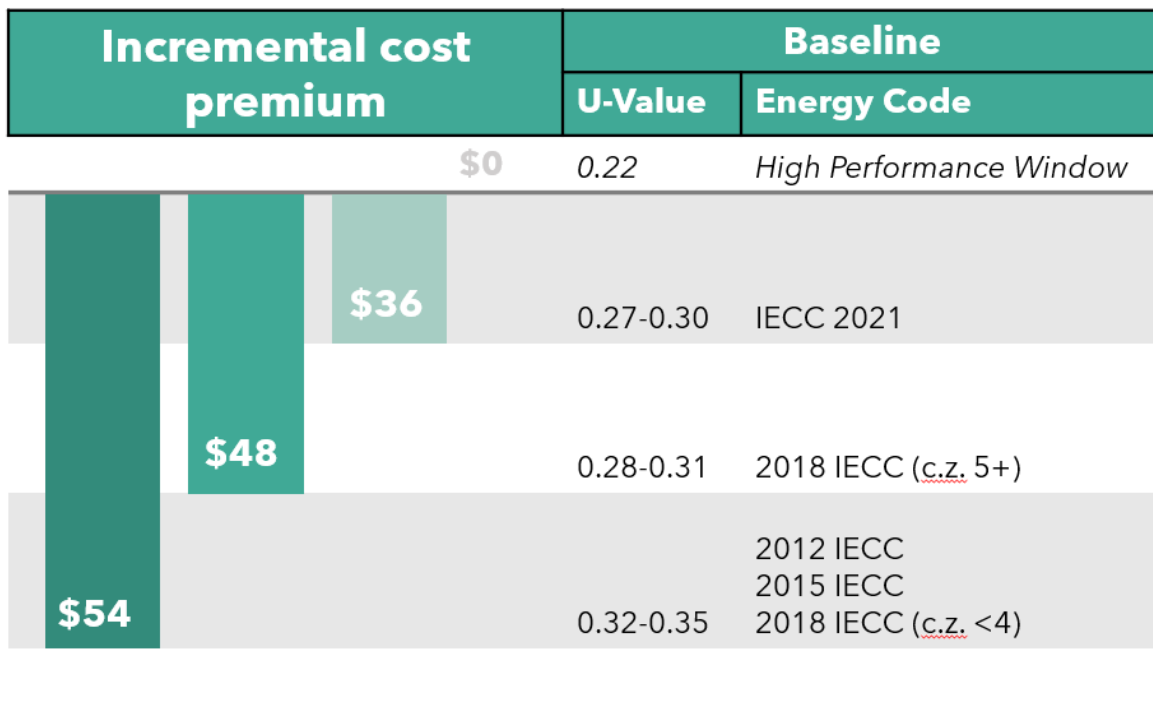


Figure 1 Incremental cost premium for a 3'x5' high-performance window over various code baselines

¹ Incremental cost was evaluated during the [specification revision](#) process for ENERGY STAR Version 7. [Anonymized cost data](#) was collected and summarized per window in a [presentation to stakeholders](#) (see slide 20).