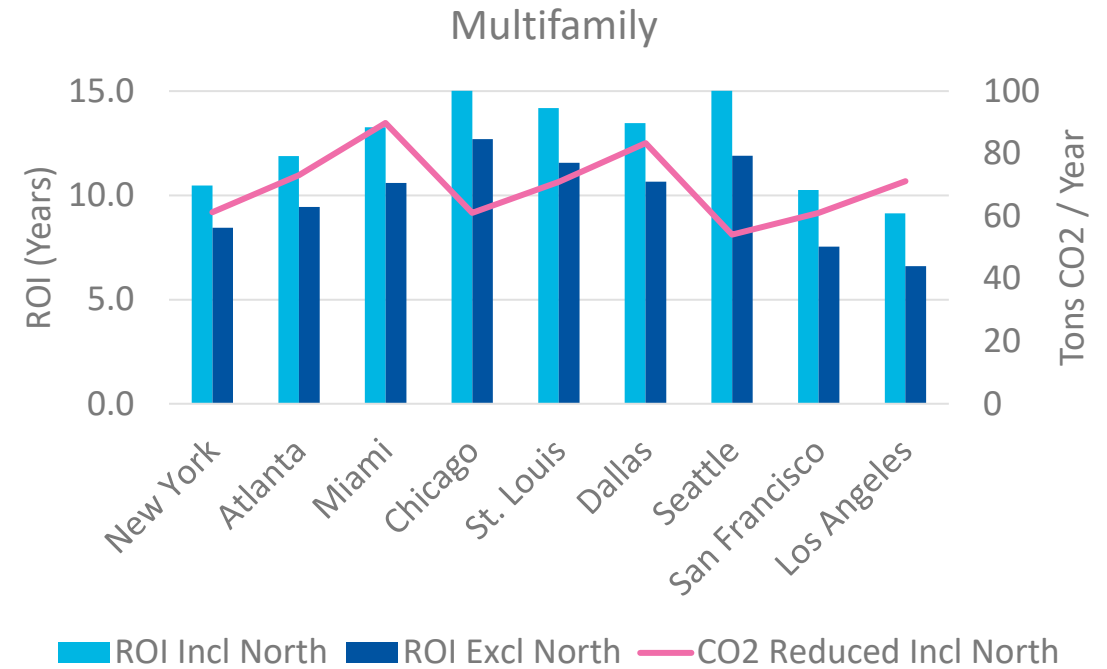


# PHOTOTHERMIC LOW-E THIN GLASS INSERT

- Benefits of improving U-Value, SHGC and condensation resistance in one low-cost solution
- Engineered using commercial, proven elements of construction including thin (0.7mm) glass, photothermic and low emissivity coatings, and magnetic attachment/detachment systems
- Window performance and savings by building type calculated using industry leading software (LBL Window and eQuest)
- Project team composed of engineers, project managers, business development professionals, and glass, frame, and coating manufacturers
- The end result of combining engineered solutions with proven human resources will ensure this team realizes the goals of prototyping and commercialization set forth in the SGS challenge

## EXAMPLE FINANCIAL AND GHG RESULTS



- Fast payback in virtually any building type that currently has single pane windows
- Low cost of manufacturing and installation promote an equitable solution to utility cost and GHG reduction
- Virtually no visual disruption of existing glazing with regard to reflectivity or visible light transmission