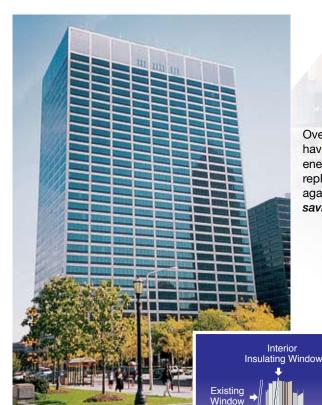
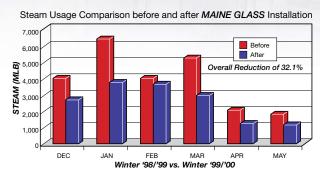


CASESTUDY

ENERGY SAVINGS



Over 4,800 windows in the Anthony J. Celebrezze Federal Building in Cleveland, OH have been retrofitted with an interior insulating add-on window product to increase energy efficiency. The new interior insulating units, an alternative to total window replacement, work with the building's existing windows to create a dual barrier against the elements. The added pane of glass resulted in a first year energy savings of \$204,000. Maine Glass was the contractor on the \$1.2 million project.



Maine Glass Interior Insulating Window

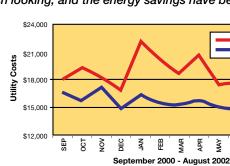


The Buckhead center in Atlanta, GA was faced with high utility bills and air infiltration that was becoming unacceptable to clients. Kristina Keuhn, director of Property Management for Wilson & Nolan need to find a solution that would combine cost effectiveness, minimal tenant disruption, and proven results. Maine Glass was able to help Kristina find a solution to all these problems. "The disruption was minimal

Without

With

...the interior windows cost less, looked great, are very clean and fresh looking, and the energy savings have been huge."





The Patrick V. McNamara building in Detroit, MI was orginally scheduled for a \$7.6 million air handling retrofit, but after working with Maine Glass they were able to reduce the cost of the retrofit to \$6 million saving them \$1.6 million dollars immediately while still enjoying increased energy savings in the long temn.

AIR HANDLING EQUIPMENT REPLACEMENT COST SAVINGS USING ENERGY WINDOW RETROFIT			
	Air Handling Requirements	Installed Cost	Installed Cost Savings
Original Windows without Upgrade	728,000 cfm	\$ 7,585,760	
Original Windows with Maine Glass Interior Insulating Windows	576,000 cfm	\$ 6,001,920	\$ 1,583,840

Other Recent Projects/Customers

Projects

University of Chicago Hospitals, Chicago IL Embassy Suites. Greensboro NC Marriott Silver Springs, Silver Springs MD Seelbach Hilton, Louisville KY Fairfield Inn, Germantown TN Courtyard Marriott, Denver CO Federal Reserve, Philadelphia PA Casa del Mar, Santa Barbara CA

Harvard University, Cambridge MA Weber State University, Oaden UT Wyndham, Indianapolis IN Marriott Tremont. Boston MA Beacon Hotel, Miami FL Disney Museum, San Francisco CA Hotel Allegro, Chicago IL Hilton, Fort Lee NJ

H

APR ₩

Customers

Plant Construction Kimpton Hotels Johnson Controls CB Richard Ellis TAC-Americas Cheviot Corporation Sage Hospitality Equity Office Marriott Corporation Starwood Hotels