

BUILDING ENCLOSURE TECHNOLOGY AND ENVIRONMENT COUNCIL (BETEC)

SYMPOSIUM ON

RETROFITTING BUILDING ENCLOSURES FOR ENERGY EFFICIENCY AND SUSTAINABILITY

December 10, 2009

Washington DC Convention Center

- 7:30-7:45am Welcome
Henry Green, Hon AIA, NIBS President
Wagdy Anis, BETEC Chairman, Conference Moderator
- 7:45-9:15am Modernization and Energy Efficiency Upgrades for Wall Systems - Case Studies
Paul Totten, PE, LEED AP, Simpson Gumpertz and Heger, Inc.
Wagdy Anis, FAIA, LEED AP, Wiss, Janney, Elstner and Associates, Inc.
- 9:15-10:00am Designing Commercial Energy Retrofits for Curtain Walls
Dudley McFarquhar, PhD, PE, McFarquhar Group
- 10:00-10:15am Break
- 10:15-11:00am Advanced Glazing and Window Technologies
Brandon Tinianov, PhD, Chief Technology Officer, Serious Materials
- 11:00-11:30am Building Enclosure Research at the Department of Energy
Marc LaFrance, Technology Development Manager, DOE
- 11:30-1:30pm Lunch
- 1:30-2:30pm Reducing Air Leakage through Envelope Retrofits: Does Your Building Suck?
Steven Tratt, Canam Building Envelope Specialists Inc / Zerodraft
- 2:30-3:30pm Economic Evaluation of EIFS Energy Retrofits
John Edgar, STO and Jennifer Kovach, Western Construction Group
- 3:30-3:45pm Break
- 3:45-4:45pm Does My Building Envelope Really Need a Retrofit
Larry Elkin, PE, Applied Building Sciences and Kyle Taylor, student
- 4:45-5:00pm Closing Remarks, Wagdy Anis, FAIA