AIA Chicago 2030 Working Group
2010 Design Work

June 28, 2011
AIA Chicago 2030 Working Group
Data Analysis Participation

2009 → 2010

Number of offices participating
6 offices → 9 offices

GSF included in PEUI analysis
23,600,000 → 39,300,000

Combined % Reduction from Average
22% → 32%
Current 2030 PEUI Reduction Goal: 60.0%
Firm PEUI % Reduction from Average EUI: 31.5%
GSF Included in PEUI Analysis: 39,281,262
% of Included GSF Meeting Current Goal: 3.4%

GSF of Active Projects:
Modeled: 31,513,369
Not Modeled: 7,767,893

AIA National Reporting Avg. 35%
AIA National Reporting Avg. 58%
Use Data To Be Collected

- Data will be collected: 24%
- Data will not be collected: 76%

LPD Analysis

- Firm % LPD Reduction from ASHRAE 90.1 2007: 16.8%

- LPD Reduction Goal: 25.0%
- Firm % LPD Reduction from ASHRAE 90.1 2007: 16.8%
- GSF Included in LPD Analysis: 14,259,199
- % of Included GSF Meeting Current Goal: 33.4%

AIA National Reporting Avg. 38%

AIA National Reporting Avg. 21%
Participating Offices
2010 Predicted EUI Reduction by Office

width of bar represents relative project work in GSF
AIA Chicago Participating Offices
2010 Predicted EUI Reduction by Building Sector
Participating Offices
2010 Predicted EUI Reduction by Project Size

- Small <10,000 GSF (34 projects)
- Medium 10,000-500,000 GSF (155 projects)
- Large >500,000 GSF (24 projects)

Comparative data from 2009:
- Small: 32%
- Medium: 22%
- Large: 22%

Years:
- 2010
- 2015
- 2020
- 2025
- 2030