AIA Chicago 2030 Working Group
2011 Design Work

May 9, 2012
Summary
This report summarizes the results of a data pool among participating offices of the AIA Chicago 2030 Working Group. This effort enables us to create a picture of progress toward the 2030 targets within this local design community.

Projects included in this analysis are those which were in a design phase during 2011. A variety of firm sizes, building types, and project locations are included.

Participation
13 offices
Projects totaling over 179,000,000 SF
Whole Building/Additions Projects
GSF Included in Analysis: 174,702,206

- PEUI Reduction from Average EUI (Current Target 60%)
  - 33.2%

- GSF Modeled
  - 118,144,076

- GSF for which Data will be Collected
  - 100,918,237

Interior-Only Projects
GSF Included in Analysis: 4,938,053

- LPD Reduction 2011 (Target 25%)
  - 14.7%

- GSF Meeting Target
  - 1,232,618 = 25.0%
AIA Chicago Participating Offices
2011 Predicted EUI Reduction by Office

Firm A: 33% (2011)
Firm B: 32% (2010)
Firm C
Firm D
Firm E
Firm F
Firm G
Firm H
Firm I
Firm J
Firm K
Firm L
Firm M
AIA Chicago Participating Offices
2011 Predicted EUI Reduction by Building Sector

width of bar represents relative project work in GSF

33% (2011)
32% (2010)
AIA Chicago Participating Offices
2011 Predicted EUI Reduction by Size
Projects within the City of Chicago

Summary
From the same data set, the following slides have been created around projects located within the City of Chicago.

Participation
13 offices
Projects totaling over 13,000,000 SF
AIA 2030 Commitment Annual Report

AIA Chicago Participating Offices - Projects within the City of Chicago
Design Work 2011

Whole Building/Additions Projects
GSF Included in Analysis: 10,980,809

- PEUI Reduction from Average EUI (Current Target 60%)
  - 39.7%
- GSF Modeled
  - 70.3%
- GSF for which Data will be Collected
  - 44.7%

GSF Meeting Target
3,610,609 = 32.9%

Interior-Only Projects
GSF Included in Analysis: 2,094,304

- LPD Reduction 2011 (Target 25%)
  - 21.5%
- GSF Meeting Target
  - 976,469 = 46.6%
AIA Chicago Participating Offices - Projects within the City of Chicago
Design Work Year-to-Year Progress
AIA Chicago Participating Offices

Projects within the City of Chicago

2011 Predicted EUI Reduction by Building Sector

width of bar represents relative project work in GSF

- 2030
- 2025
- 2020
- 2015

33% (2011)
32% (2010)
AIA Chicago Participating Offices

Projects within the City of Chicago

2011 Predicted EUI Reduction by Project Size

- Small: <100,000 GSF
- Medium: 100,001-500,000 GSF
- Large: >500,000 GSF

AIA Chicago