AIA Chicago 2030 Working Group
2013 Design Work

April 22, 2014
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 2013. A variety of firm sizes, building types, and project locations are included.

Participation
17 offices
Projects totaling over 156,000,000 SF
285 whole building/addition projects
354 interiors projects
**Whole Building/Additions Projects**

285 projects and 144,099,024 GSF included in analysis.

- **PEUI Reduction from Average EUI (Current Target 60%)**
  - 38.7%
  - 69.1%
  - 41.2%

- **GSF Meeting Target**
  - 10,884,125 = 7.5%

- **GSF Modeled**
  - 99,578,043

- **GSF for which Data will be Collected**
  - 59,311,077

**Interior-Only Projects**

354 projects and 12,355,732 GSF included in analysis.

- **LPII Reduction (Target 25%)**
  - 16.9%

- **GSF Meeting Target**
  - 2,486,447 = 20.1%
Internal Analysis: Progress
AIA Chicago Participating Offices
Design Work Year-to-Year Progress

Predicted EUI

Project Modeling

Use Data To Be Collected

LPD Analysis
AIA Chicago Participating Offices
2013 Predicted EUI Reduction by Office
AIA Chicago Participating Offices
2013 Predicted EUI Reduction by Project Size

- 826,985 GSF, 82 projects
- 3,156,370 GSF, 51 projects
- 23,003,526 GSF, 91 projects
- 16,600,093 GSF, 24 projects
- 100,512,050 GSF, 37 projects

Total 2013 Predicted EUI Reduction: 39%
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
15 offices
Projects totaling over 17,000,000 SF
91 whole building/addition projects
136 interiors projects
AIA 2030 Commitment Annual Report
AIA Chicago Participating Offices - Projects within the City of Chicago
Design Work 2013

Whole Building/Additions Projects
91 projects and 13,498,006 GSF included in analysis.

<table>
<thead>
<tr>
<th>Year</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>2015</td>
<td>32.0%</td>
</tr>
<tr>
<td>2020</td>
<td>64.5%</td>
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<tr>
<td>2025</td>
<td>26.2%</td>
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<tr>
<td>2030</td>
<td>0%</td>
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PEUI Reduction from Average EUI (Current target 60%)

GSF Meeting Target: 844,047 = 6.3%

Interior-Only Projects
136 projects and 5,980,924 GSF included in analysis.

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
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<tr>
<td>LPD Reduction (Target 25%)</td>
<td>19.3%</td>
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GSF Meeting Target: 1,005,569 = 25.3%

GSF Modeled: 6,694,578
GSF for which Data will be Collected: 3,539,083
Projects within the City of Chicago
2013 Predicted EUI Reduction by Building Sector

- Office: 60%
- Residential: 32%
AIA Chicago Participating Offices

Projects within the City of Chicago
2013 Predicted EUI Reduction by Project Size

- 394,806 GSF (43 projects)
- 795,870 GSF (13 projects)
- 7,492,707 GSF (29 projects)
- 2,284,585 GSF (4 projects)
- 2,520,038 GSF (2 projects)

EUI Reduction: 39%