The CBECS classifies buildings according to their “principal building activity (PBA)” at the time when the survey is completed. The PBA is defined as the primary business, commerce, or function within each building. For projects with multiple activity classifications, the activity that occupies the most floor space ultimately defines the usage type category. Buildings are also classified into more specific sub-categories of activities, which are reflected in the “National Office Activity Breakdown” chart below.

The CBECS website specifically defines the office principal building activity as “Buildings used for general office space, professional office, or administrative offices. Medical offices are included here if they do not use any type of diagnostic medical equipment (if they do, they are categorized as an outpatient health care building).”

More information on building activity definitions can be found on the CBECS website located here: http://www.eia.gov/emeu/cbecs/building_types.html#Office

**IPCCR Disaggregated EUI**

<table>
<thead>
<tr>
<th>CBECS: OFFICE</th>
<th>NATIONAL AVERAGE EUI 93.61</th>
<th>IPC Climate Region Average EUI 102.7</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12 billion ft² NATIONAL SQUARE FOOTAGE</td>
<td>2.6 trillion kBTU NATIONAL ENERGY CONSUMPTION</td>
</tr>
<tr>
<td></td>
<td>09%, 50% OR MORE DAYLIT 37 out of 410</td>
<td></td>
</tr>
</tbody>
</table>

**IPCCR % of Buildings with Renovations**

<table>
<thead>
<tr>
<th>HVAC SYSTEMS</th>
<th>LIGHTING</th>
<th>VENTILATION</th>
<th>COOLING</th>
<th>HEATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>16%</td>
<td>15%</td>
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<td>9%</td>
<td>7%</td>
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</tbody>
</table>

**National Office Activity Breakdown**

<table>
<thead>
<tr>
<th>Mixed Use Office</th>
<th>Media Use Office</th>
<th>General Use Office</th>
<th>Over office</th>
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<td>17%</td>
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**IPCCR Utility Breakdown**

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**IPCCR Disaggregated EUI**

- 9% miscellaneous
- 6% office equipment
- 4% refrigeration
- 4% cooking
- 4% lighting
- 4% water heating
- 4% ventilation
- 4% cooling
- 4% heating

**IPCCR Utility Breakdown**

- 50.1% heating
- 49.9% cooling
- 28.0% ventilation
- 72.0% water heating
- 20% lighting
- 25% cooking
- 20% refrigeration
- 15% office equipment
- 15% miscellaneous

Cost Breakdown:
- cost/sq ft: $0.49
- total cost: $23,026.83
- $58,205.13
- cost percentage: 15%
- consumption percentage: 37%

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