

# GOAL AND ATTRIBUTES

## Commercial Whole-Building (Existing) Energy Performance

as of Sept. 7, 2006

<b>Commercial Whole-Building (Existing) Energy Performance Goal</b>	
<b>To achieve an ENERGY STAR® Rating score of at least 75 (or its equivalent)</b>	
<b>Attributes of Whole-Building Energy Performance</b>	<b>Indicators of Whole-Building Energy Performance</b>
<b>Upper Management Commitment to Operational Excellence</b>	<ul style="list-style-type: none"> <li>➤ Appoints an Energy Director</li> <li>➤ Institutes an energy-efficiency policy</li> <li>➤ Develops a long-term action plan</li> <li>➤ Resets energy budget allocations to incent user savings</li> <li>➤ Establishes cross-functional “Energy Team”</li> <li>➤ Supports staff and occupant energy training</li> </ul>
<b>Measure and Track Energy Performance</b>	<b>Benchmarking and Re-benchmarking</b> <ul style="list-style-type: none"> <li>➤ Regular updating of measured energy performance into a recognized benchmarking tool</li> <li>➤ Establish goal for performance increase (e.g., ENERGY STAR 10 percent challenge)</li> <li>➤ Re-benchmark after making changes to assess progress</li> </ul>
	<b>Energy Metering and Energy Accounting</b> <ul style="list-style-type: none"> <li>➤ Appropriate sub-metering (energy accounting) to understand building energy use including interval metering for larger buildings, and sub-metering for major end-uses</li> <li>➤ Use of energy accounting tools to gather key data for understanding building performance and efficiency opportunities</li> </ul>
<b>Retro-commissioning and Operations and Maintenance</b>	<ul style="list-style-type: none"> <li>➤ Takes appropriate action to optimize building system performance (non-capital) and to maintain that performance over time</li> </ul>
<b>Ongoing Training</b>	<ul style="list-style-type: none"> <li>➤ Building occupants are trained in energy efficiency opportunities</li> <li>➤ Staff participates in available training, and have received relevant certifications (BOC, BOMA, AEE, or others)</li> </ul>
<b>Specifies Energy-Efficient New Equipment And Systems</b>	<ul style="list-style-type: none"> <li>➤ Installs ENERGY STAR/CEE high-efficiency equipment/products</li> <li>➤ Puts in place systems and policies to support the purchase of energy-efficient products and equipment</li> </ul>
<b>Integrated Design Approach at Times of Renovation/Remodeling</b>	<ul style="list-style-type: none"> <li>➤ Including Modeling and Building energy simulation</li> </ul>