

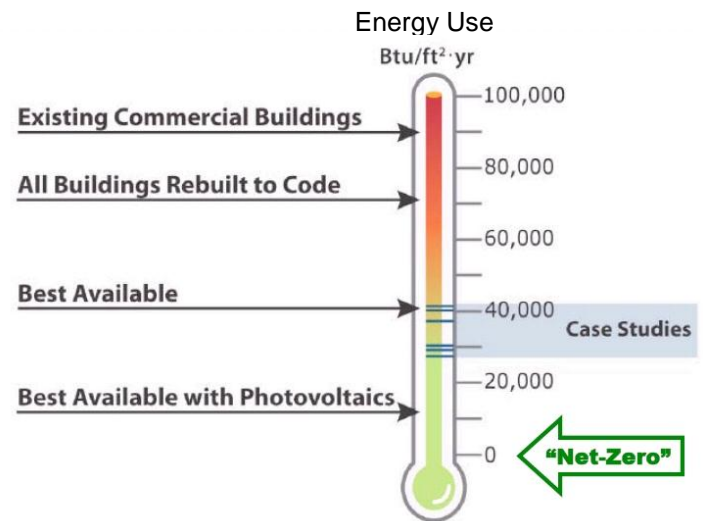
MET Graduate Course-Spring 2013

MET 530

**FACILITIES ENGINEERING
TECHNOLOGY**



**Purdue's INhome:
2nd Place overall at 2011 DOE Solar Decathlon**



Today's buildings account for 40% of annual U.S. carbon emissions and dramatic reductions are needed to make progress towards greater overall sustainability. A few buildings are already being designed and constructed that are net zero; with enough on-site generation to satisfy the demand for electric power and water heating. This course examines the selection and operation of mechanical and electrical systems in modern buildings in order to reduce energy use, operating costs, and carbon intensity while maintaining comfort & productivity.

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Prerequisite: BS degree in Technology or Engineering; or consent of instructor.