Energy Efficiency 23.00.04

Description:
The purpose of the section is to highlight the current applicable UMCP Design Standards for current Energy Efficient Design.

Related Sections:
- TBD

Effective Date:
July 9, 2009

Applicable Standards:
- TBD

General Requirements:
- The University is committed to energy-efficient design within the limits of budget constraints. The HVAC designer is required to be alert to opportunities to reduce first cost with less-than-optimal concepts (but within the bounds of good practice and applicable energy codes), yet allow for the future retrofit to state-of-the-art energy-efficient equipment and concepts.

- Expanding: The University anticipates executing an arrangement with a performance contractor such that no cash retrofits funded by provable future energy savings could be routine.

- When a future retrofit opportunity has been identified, and the University agrees, the HVAC design must allow for the future installation (adequate space, etc.).

- The HVAC design must also allow provisions in the base design (pressure/temperature taps, flowmeter stations, etc.) for measurement techniques which will be used to establish a baseline of energy use, then to quantify the post-retrofit savings.