

CASE STUDY

William Beaumont Hospital - New Addition Energy Efficiency Design Review

Project: Energy Conscious Design Review Program

Client: Beaumont Services Company

Scope: Provided energy efficiency consulting to ensure an energy efficient design of new 650,000-square-foot addition to the hospital. Celtic Energy's duties included:

- Review of A/E plans and specifications
- Recommend design improvements to reduce utility costs
- Develop savings calculations for recommended measures
- Interface with A/E design team to integrate energy saving measures into project



Results: Since construction had already begun, recommendations were limited to those that would not cause any delays to the project schedule. Celtic Energy analyzed the project design and presented a list cost savings measures which easily could be included in the program without any setbacks. The estimated savings from CEI's recommendations are \$120,000.

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