

**Release Date:
June 20, 2009**

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Enermodal Engineering awarded Xcel Energy contract for Colorado Energy Design Assistance Program (EDA)

Denver engineering firm wins four-year contract with Xcel Energy to help design teams optimize efficiency of new buildings

Denver, Colorado

Xcel Energy has selected Enermodal Engineering of Denver to provide energy modeling and analysis for Xcel Energy's Colorado Energy Design Assistance (EDA) program. With over 25 years experience in energy efficiency, Enermodal is one of two companies selected to provide EDA services for Xcel Energy for a four-year term which began in March 2009. The EDA program provides energy design and analysis services, through Enermodal Engineering, free-of-charge to Xcel Energy commercial and industrial electricity customers that meet certain eligibility requirements. EDA is part of Xcel Energy's Business New Construction program.

Since 2006, the EDA program has achieved 8 GWh in savings with fourteen completed projects. "Acceptance into the Colorado market has exceeded expectations with over seventy projects in the pipeline to be completed through the year 2012," said Jessie Peterson, Product Portfolio Manager for Xcel Energy.

Xcel Energy's 2009 EDA program is similar to past years in that it applies to new commercial buildings in Xcel Energy territory of 50,000 sf or larger, but has been changed in several ways that make it more attractive for building owners:

- Cash incentives for electricity savings increased to \$300 per kW of electric demand saved
- Cash incentives were added for gas savings, at a rate of \$7 per dekatherm (Dth)
- Design teams may receive a fee reimbursement of between \$8,000 and \$12,000.

Also new in 2009, is an Enhanced EDA offering. Building owners registered for LEED (Leadership in Energy and Environmental Design) certification whose buildings achieve 16% energy demand savings may qualify for Enhanced EDA. These customers receive additional assistance such as daylighting analysis and application support for LEED's Energy and Atmosphere Credit 1. The goal of the Enhanced EDA offering is to make it easier and more cost-effective for customers to achieve even higher levels of efficiency.

The EDA energy modeling process can help inform the design, so design teams can see the energy impact and optimize choices such as orientation, building shape, window placement, sizing and properties. In addition, the energy modeling can help design teams choose the most cost-effective amount and type of insulation, lighting, heating and cooling systems, as well as renewable energy systems.

Over the past two years Enermodal provided energy modeling and analysis services for over 30 building projects in the Xcel Energy EDA program. “We are excited to once again be working with Xcel Energy on the Energy Design Assistance program to assist its commercial and industrial customers to design more efficient buildings,” said Sue Reilly, president of Enermodal Engineering. “Making the effort to design the most efficient building possible will provide lower energy costs and reduced greenhouse gas emissions, year after year.

In addition to the Xcel Energy incentives, the potential benefits to building owners who take advantage of the EDA program include being one step closer to LEED certification and Energy Policy Act tax deductions (if 50% energy savings is achieved).

“We’ve seen that the key to achieving the highest efficiency with the lowest first cost is to include energy analysis early in the design, so it’s important to sign up for the program early in the process,” said Peterson. To find out more, Xcel Energy commercial and industrial customers can contact their Xcel Energy account manager or Enermodal Engineering, or visit the Xcel Energy website for information and application.

Enermodal Engineering (www.enermodal.com), a consulting firm dedicated to creating energy and resource efficient buildings. For the past 15 years, Enermodal Engineering’s Denver office has worked on some of Colorado’s most innovative and energy efficient projects, including the Museum of Contemporary Art | Denver and Durango Public Library.

Contacts:

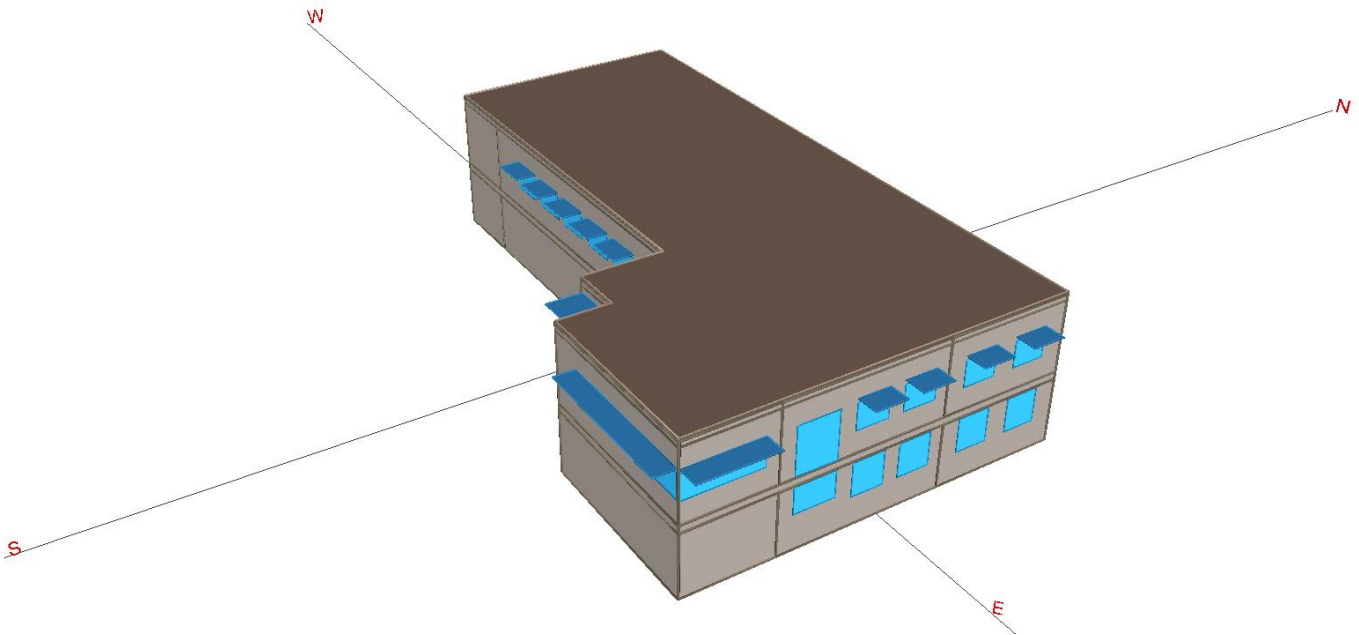
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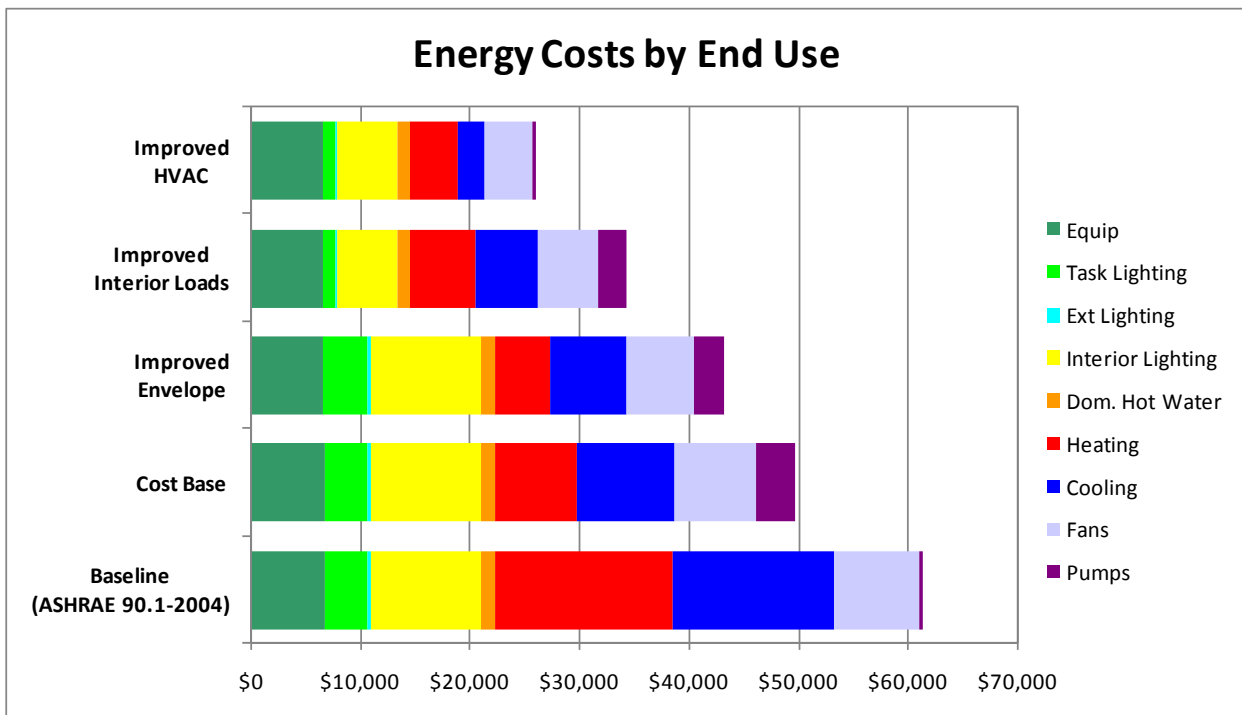
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Business New Construction - Program website:
www.xcelenergy.com/businessnewconstruction



Modeling the Building Energy Use

Enermodal Engineering uses the eQuest computer program to create a 3D model of the building.



Energy Cost Comparison Graph

This graph shows the estimated energy cost for a building, for a variety of designs. The results help design teams explore options and identify cost-effective strategies for optimizing energy efficiency.