



Green Star Engineering LLC (GSE) is an engineering firm (Texas F-16075) with expertise in energy efficiency, energy cost management, and energy systems project development. We apply a methodical and team-oriented approach derived from years of experience analyzing, designing, implementing, and verifying energy cost reduction measures in a wide variety of facilities and systems including the most complex central plant systems. We have the expertise to assist you with your facility-wide search for energy efficiency and cost reduction opportunities as well as help you solve your most elusive operational problems.

RETRO-COMMISSIONING CASE STUDY : HIGH RISE OFFICE



SITUATION

The management company for this 1.2million square foot high rise office building erected in 1981 needed to reduce consumption in order to renew their Energy Star certification but did not have funds appropriated for large capital investment. The VP of Engineering turned to the retro-commissioning program offered by their electricity service provider to work with his staff to identify low-cost improvements that would help them in their quest to keep operating costs down for their tenants and maintain their high standards of efficiency and environmental stewardship. The engineers that had operated this facility for years were skeptical that significant improvements were possible without significant investment.

// RESULTS

**Several opportunities identified
Implementation budget constraints met
Energy Star score goal achieved**

SOLUTION

Together with other utility partners, Green Star Engineering worked directly with the management company's engineers to find low-cost efficiency improvement opportunities that would reduce operating costs while maintaining the highest standards of comfort for this Class A facility. To the surprise of the building engineers, several significant opportunities were identified that were implemented within their existing improvement budget limit.

For more information about utility sponsored retro-commissioning programs in your area or to request a quote for retro-commissioning your facility, please contact:

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Or visit our web page and click on the "Contact Us" tab to send us a message describing your situation and we will work with you to find the right solution.