

# ASSESSMENT

## Facility Energy Assessment Service

**COST-EFFECTIVELY INTEGRATE ENERGY CONSERVATION MEASURES INTO FACILITIES CAPITAL PLANS AND BUDGETS**

Buildings consume approximately 40% of the world's primary energy and are responsible for 40% of global carbon emissions. Savvy facilities managers can realize significant energy cost savings from their facility capital investment decisions. They can do this by learning the answers to these four questions:

- How do my investments impact building operations and occupants?
- What impact do these investments have on the environment?
- What is the energy savings potential and ROI that results from making these investments?
- How do I balance competing priorities such as deferred maintenance, capital renewal, sustainability, and energy savings potential?

### VFA FACILITY ENERGY ASSESSMENT SERVICE

Our Facility Energy Assessment (FEA) service helps facility, energy and sustainability managers cost-effectively integrate energy conservation measures into their facilities capital plans. We do this by:

- Capturing energy data alongside facilities condition data
- Using innovative energy modeling software that allows us to deliver energy audits in less time and expense than traditional methods
- Identifying how energy is used in a building (see Figure 1)
- Quantifying energy conservation measures and showing customers which have the most viable payback periods
- Benchmarking against similar buildings, with direct link to Energy Star
- Integrating energy investments into capital plans and budgets

### WHAT AN FEA ANSWERS

- What is our current energy use?
- Where are my conservation opportunities in the short, medium and long-term?
- What are the paybacks and ROI for each measure?
- What projects do I implement that make sense in the context of my overall facilities capital plan?

### THE VFA ADVANTAGE

#### WE OFFER HIGHLY COST-EFFECTIVE SERVICES

Because most clients choose to have VFA capture energy efficiency potential while conducting a facility condition assessment, the process is highly cost-effective. Our use of energy modeling software to develop comprehensive analyses at a fraction of the price of a typical energy assessment is another cost savings that our clients experience.

### HOW YOUR BUILDING USES ENERGY



Figure 1.  
Analysis of a Building's Energy Use.

## WE PROVIDE A HOLISTIC VIEW THAT HELPS BALANCE COMPETING PRIORITIES

By integrating energy conservation measures into their facilities capital plans, clients are better able to communicate and balance competing priorities like deferred maintenance, capital renewal, and energy savings potential.

- VFA's FEA service delivers results that are consistent with ASHRAE Level 1 and 2 energy audits, while including the lifecycle analysis that is core to a robust facilities capital plan.
- We work with clients to leverage the analytics – prioritization, what-if modeling, planning & forecasting – in our flagship facilities capital planning software, VFA.facility®, to drive actionable facilities programs.

## WE CAN EXTEND OUR ENERGY ASSESSMENT TO A BROADER GREEN BUILDING ASSESSMENT

For organizations that want to cost-effectively integrate sustainability as well as energy conservation measures into their facilities capital plans, VFA's Green Building Assessment (GBA) meets that need. The GBA evaluates five principal areas of sustainability based on a green building rating system, such as LEED for Existing Buildings Operations and Maintenance, the Federal HPSB Guiding Principles or Green Globes. The five principal areas are water conservation, indoor environmental quality, sustainable sites, materials – and energy efficiency, which includes the FEA, as shown in Figure 2.

VFA's Sustainability solutions give facility, energy and sustainability managers the holistic view they need to support "triple bottom line" goals (social, environmental and economic) with employees, customers and their communities.

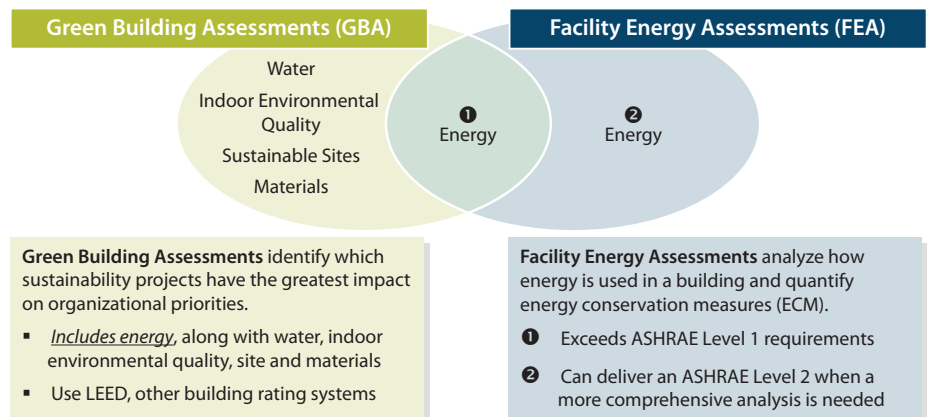


Figure 2. Green Building Assessment and Facility Energy Assessment comparison.

VFA's team of dedicated facility assessment professionals is among the largest and most experienced in North America. Our expert assessment services, coupled with VFA.facility®, VFA's award-winning facilities capital planning software, provide your organization with the expertise and tools you need to understand facility needs and to create plans and budgets that support your energy conservation and other organizational goals.

## LEARN MORE

Find out how VFA can help your organization identify opportunities to reduce energy consumption and costs and integrate energy conservation programs into your capital plans and budgets. Contact any VFA office or email us at [info@vfa.com](mailto:info@vfa.com).

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### About VFA, Inc.

VFA helps organizations strategically manage their facility portfolios with Capital Planning and Management Solutions (CPMS™) that combine software, assessment services and business process consulting. Organizations in the corporate, education, healthcare and government sectors use VFA solutions to manage over four billion square feet of real estate.

Contact us to learn how VFA can help your organization to optimize its facilities investment.

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