

Energy Management Maturity Model

Most Mature



Maturity Level

- **9. Energy Management and Sustainability Are Ingrained in Organizational Culture.** Energy Management and Sustainability are a permanent mindset at all levels of the organization. Annual reports include a description of vision, performance and accomplishments. Everyone understands that energy efficiency brings more value to the organization than simply reduced utility bills.
- **8. Periodic Facility Energy Audits Identify Savings Opportunities.** Skilled consultants are hired to perform periodic energy audits, savings opportunities are identified and projects are prioritized and implemented to move toward the “stretch goal” of zero net energy usage.
- **7. Interface Utility Bill Management with Accounts Payable.** The Energy Manager works with the Accounting Dept to improve the utility bill payment process. The utility bill management software becomes the “smart front-end” by eliminating manual keying of bills, auditing each bill, assigning general ledger codes, and interfacing with Accounts Payable.
- **6. Optimize Energy Procurement.** Use of third party suppliers (as deregulation laws permit), rate schedule optimization, and demand response ensures that energy use that can’t be eliminated is at least purchased at the best possible price.
- **5. Obtain and Publicize ENERGY STAR Ratings.** ENERGY STAR ratings corroborate savings reports (and are mandated by some jurisdictions) so the Energy Manager collects the necessary data and interfaces the utility bill management system with EPA’s Portfolio Manager.
- **4. Increasing Sophistication Requires Outside Consultant Expertise and Project Funding.** Seeing results of “do-it-yourself” behavior-based programs topping out at 3%–5% and wanting more, Energy Manager finds funding sources (budgeted-or performance-based) for consultant expertise to boost the sophistication of behavior-based programs as well as quick-payback retrofits.
- **3. Organization-Wide Awareness and Participation.** Realizing that substantial savings are possible through no-cost behavior-based initiatives, Energy Manager enlists the active participation of occupants through awareness, training, and performance reporting.
- **2. Getting a Handle on Utility Bills and Energy Data.** Energy Manager gets a handle on energy information by managing and tracking utility bills and other data sources. An effective software tool such as EnergyCAP helps to benchmark, analyze, audit, report and zero in on potential savings.
- **1. Individual, Gallant Effort by the Energy Manager.** Energy Manager gives best individual effort at promoting conservation and personally setting/configuring HVAC controls...very similar to what many conscientious conservers do at home every day.

Least Mature