

**Now more than ever, energy efficiency is the name of the game.** For 27+ years, we've been implementing smart energy solutions through our in-house technical staff, our EMCOR parent, and through key energy-industry partnerships. In the last six years alone, we've analyzed, designed or reviewed energy projects in more than 25,000 facilities – saving our customers over \$500 million in annual energy costs.



### Why USM? An Overview.

- ▶ 27+ years of energy expertise
- ▶ Focus on green energy solutions
- ▶ AEE Certified Energy Managers
- ▶ Certified Energy Procurement Professionals
- ▶ LEED Accredited Professionals
- ▶ PhDs & Masters degrees in Engineering, Engineering Management and Business Administration
- ▶ Vendor-neutral for totally objective analysis
- ▶ Access to EMCOR's depth of national resources
- ▶ Professional, Industrial, Design/Build services
- ▶ Licensed Professional Engineers

#### ▶ Expertise

USM's energy expertise runs deep – we're equipped to handle everything from Energy Engineering & Management, and Utility Services to Green Energy Generation projects. This includes a full spectrum of capabilities, from retro/re commissioning, LEED certification support and corporate energy management to photovoltaic, fuel cells, wind, and others.

#### ▶ A sampling of our market sectors

- Commercial
- Retail
- Industrial
- Hi-Tech & Data Centers
- Manufacturing
- Hospitality
- Pulp & Paper
- Education
- Government
- Utilities
- Healthcare
- Pharmaceutical

#### ▶ Energy credentials & industry associations

- NYSERDA FlexTech Consultant
- NJ Pay for Performance Partner
- Pennsylvania PUC Conservation Service Provider
- ENERGYSTAR Partner
- Member DOE Zero Energy Commercial Buildings Consortium
- Contributing Member California Commissioning Collaborative
- US DOE Save Energy Now Ally Organization
- GSA BPA CPES Holder
- Member USGBC
- Member ASHRAE
- Member AEE

#### ▶ The main decision driver? Cost savings.

To help our customers use energy most efficiently and realize the greatest cost savings, we recommend appropriate technologies based on their specific energy needs. These may include:

- Energy Monitoring** – energy-use alarms help identify problems sites immediately for savings up to 15%
- Project ID Streamlining** – low-cost first step for organizing projects based on payback range
- Field Measurements** – 3-step energy audit with follow-up wireless monitors to track operating conditions

#### ▶ The EMCOR advantage

Because USM is a part of EMCOR, we have access to a deep pool of industry-leading resources and disciplines that give you an almost unfair advantage when it comes to finding a solution. Unlike most service organizations, we can apply brainpower from several related divisions to provide you with more options.

#### Did you know?

- ▶ The 657,000 retail buildings in the U.S. consume nearly \$20 billion worth of energy annually. The good news? Usage can be reduced without affecting operations. *Source: ENERGY STAR*

## Helping a client see the light.

When a national linens retailer was looking to reduce their energy costs – and their carbon footprint – by cutting the energy needed to light several hundred stores and warehouses, they asked USM to shed some light on the situation.

The challenge? Reduce energy while still providing the same light levels to employees and customers. The same light, is that possible?

USM developed an energy savings program by focusing all ceiling fixtures on necessary areas only – racks and displays were a must. We also upgraded outdated technologies by installing motion detectors, new fluorescent fixtures and lamps, even retrofitting employee areas to save on energy.

Ultimately, USM helped this one retailer save millions in energy costs. Proof once again that USM doesn't take any energy-saving projects...lightly.

# We Know Maintenance Inside and Out



**USM**

*An EMCOR Company*