



## 146,400 MWh Energy Consumption Reduction

Schneider Electric drove substantial efficiency and sustainability gains by putting our solutions to work in our own facilities.

## Optimizing Our Own

### Walking the talk with efficiency in our own facilities

As the global specialist in energy management, Schneider Electric has a considerable energy and sustainability footprint. We applied our own solutions to drive impressive, continuous improvement in our own facilities.

#### Purpose

Schneider Electric is a global provider of electrical distribution, automation, and energy management. Since our facilities include manufacturing, warehouse, and commercial office space, Schneider Electric's energy usage profile is diverse and dynamic. And, as a result, our spend is substantial.

In 2004, Schneider Electric created the Schneider Energy Action (SEA) program to optimize efficiency from the inside out. SEA provides Schneider Electric a platform to:

- Pilot new solutions
- Build engineering expertise
- Reduce energy consumption
- Improve sustainability

Through its SEA program, Schneider Electric North America improved energy performance by **42%** against a 2004 baseline.

**“We believe our decisive actions today can indeed lead to a better tomorrow.”**

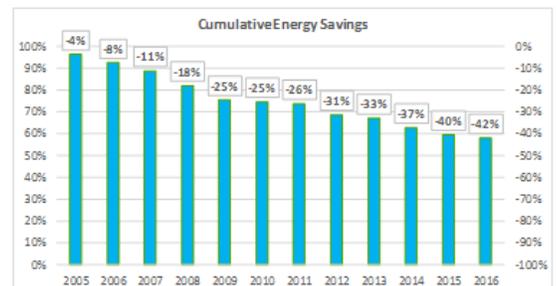
**-Michael Crochon, Executive VP-Strategy & Technology**

#### About Schneider Electric

Schneider Electric is the global specialist in energy management and automation. We develop connected technologies and solutions to help customers manage energy and processes in safe, reliable, efficient, and sustainable ways.

With more than 170,000 employees in 100+ countries, Schneider Electric had real opportunities to reduce energy consumption and improve sustainability. In the U.S., we achieved:

- Energy performance improvement of 146,400 MWh, or 42% since 2004
- CO<sub>2</sub> reduction of 87,200 tons, or 40%
- ISO50001 certification at 29 North American sites, with 20 certified SEP Silver, Gold, or Platinum



## Path

Schneider Electric took a systematic and formulaic approach to drive continuous improvement in energy efficiency through:

- Corporate energy efficiency goals supported by a global energy policy
- Sustained internal partnership between Global Supply Chain and Energy & Sustainability Services to achieve the corporate energy reduction goals
- Bi-annual strategic planning and review of energy efficiency goals and targets
- Comprehensive site energy assessments
- Annual energy baseline setting
- Monthly energy performance reporting and review
- Prioritizing, budgeting, and implementing energy projects
- Short-term as well as long-term capital planning
- Monthly tracking of energy projects
- Periodic training and sharing of best practices



Schneider Electric North America has successfully leveraged the structured approach of its energy management system to **achieve ISO 50001 certification at 29 of its sites in just five years.**

## Results

The Schneider Energy Action program has won external awards and had its savings validated by third parties. In 2014, Schneider Electric won the Platts Global Energy Award in the category of Efficiency Initiative – Commercial End User. This award recognizes companies for their energy management program including the outcome of the program.

Schneider Electric voluntarily participates in the ISO 50001 and Superior Energy Performance (SEP) certification programs. As of 2016 Schneider Electric North America has 29 sites certified ISO 50001 and 20 of those sites with either Silver, Gold, or Platinum SEP certification. The SEP certified sites go through a rigorous third-party validation of the savings claims.

Prior to ISO 50001 certification, Schneider Electric's commitment to energy performance and transparency led to enrollment in the Better Building Better Plants Challenge program in 2009. **The target set by the program is 25% reduction over 10 years. By the end of 2015 – just over halfway through the term, Schneider Electric achieved a 24% reduction.**

# 42%

Energy reduction through the SEA program in North America since 2004

# 20

Superior Energy Performance (SEP) certified sites in the U.S. (7 platinum, 8 gold, and 5 silver)

# 87K

Reduction in tons of CO<sub>2</sub> in the U.S. since inception of the program in 2004