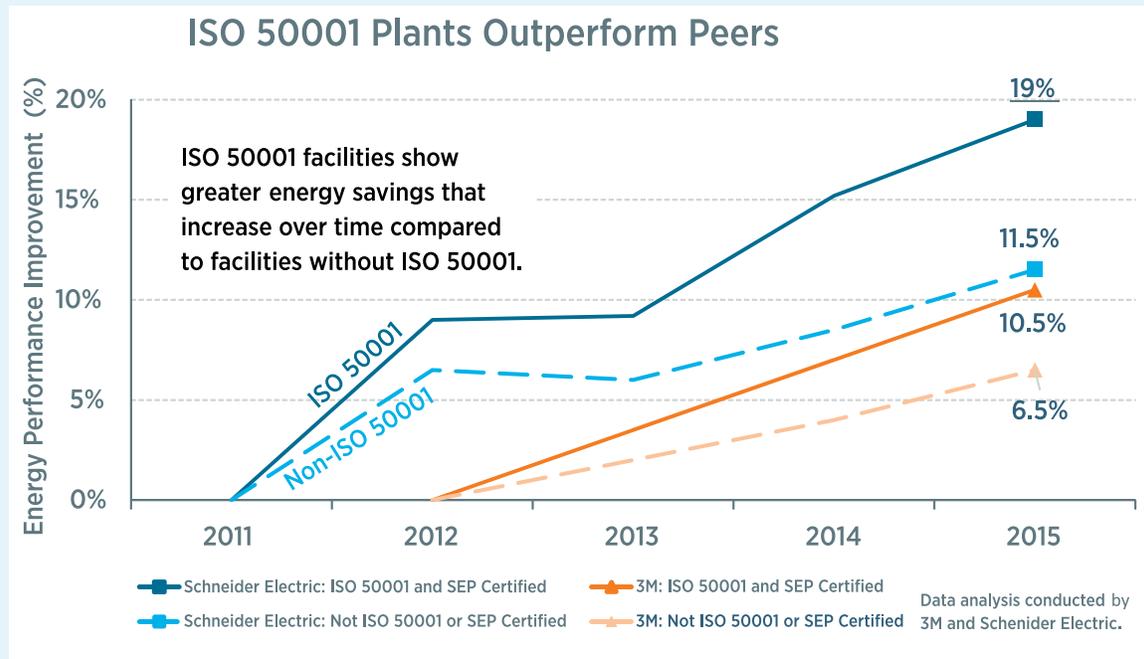


Facility and Enterprise Levels Benefit from ISO 50001

3M and Schneider Electric have worked with DOE to assess the impact of ISO 50001 on their facilities and to compare those savings to their other facilities. The results showed that sites using ISO 50001 outperformed other sites by up to 65%.



Johnson Controls has promoted ISO 50001 and energy management practices in its more than **140 manufacturing facilities across the world**—reducing energy intensity by 40% and annual energy costs by over \$100 million dollars since 2002.



Schneider Electric, which specializes in energy management and automation, uses ISO 50001 as the blueprint for continued energy savings. The company has at least **21 certified sites** in the United States, 6 in Mexico, and 2 in Canada.



Cummins has committed to implementing ISO 50001 at **40 sites** by 2020, which will encompass 90% of its global energy footprint.



IBM achieved certification to ISO 50001 at the corporate level within a year of the standard's launch. By the end of 2016, IBM had **26 entities** registered under its global ISO 50001 certification—including 21 in the Americas.



Deeper, Sustained Savings

ISO 50001 adoption is proven to produce long-term, persistent energy savings through the establishment of a “culture” of managing energy

Company/Plant	Energy Performance Improvements over Time with ISO 50001	
	1st Certification	2nd Certification
Schneider Electric Smyrna, TN	15.3% 3 years	23.1% 3 years
3M, Brockville Ontario Canada	15.8% 3 years	21.4% 7 years
Nissan NA Smyrna, TN	7.2% 3 years	17.7% 3 years
Schneider Electric Seneca, SC	15.6% 3 years	16.4% 3 years

“ The ISO 50001 framework not only builds upon our energy management systems, but also help us drive consistency and performance improvements across our locations. ”

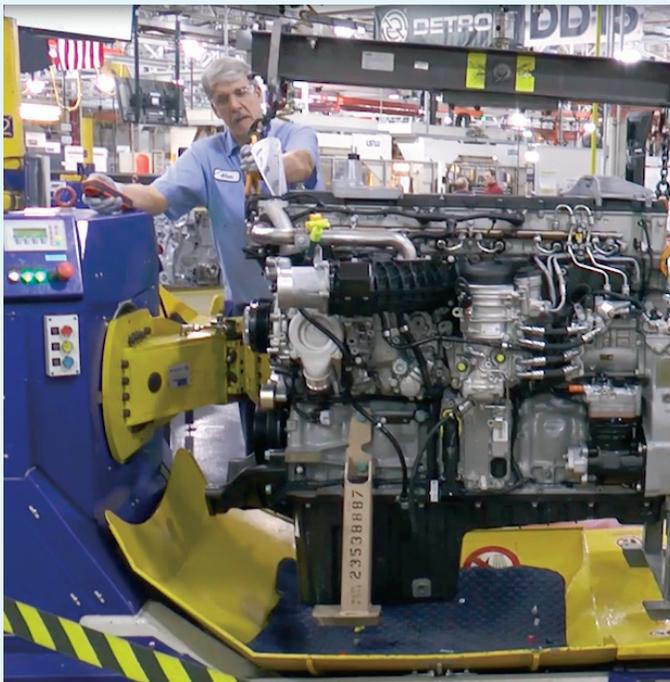
Steve Sacco, Schneider Electric
Vice President, Safety, Environment & Real Estate

Detroit Diesel leverages ISO 50001 to achieve energy and cost savings

Produces 400 engines and 1,300 axles daily

3,400 employees

\$1 million monthly energy bill



Detroit Diesel’s engine manufacturing plant used ISO 50001 to improve its bottom line and meet corporate goals. The energy team established a rigorous energy management system and, upon certification, obtained third-party verification of its energy performance improvements through DOE’s Superior Energy Performance program.



Auditors confirmed that even as production at the facility increased 93%, its cumulative energy performance improved 32%—saving \$37 million over 10 years. On the strength of this success, the company is reinvesting tens of millions of dollars in the facility and creating good jobs for American workers.

Watch the video: www.energy.gov/eere/amo/articles/sep-success-story-detroit-diesel