ISO 50001 Certification
Is your company interested in incorporating energy management best practices that will lead to sustained savings, continual energy performance improvement, and controlled costs? ISO 50001, the newly developed international standard for energy management, will enable your company to more effectively use and manage energy and turn energy savings into sustainable gains.

Superior Energy Performance (SEP)
SEP is an energy management certification program that requires U.S. plants to meet the ISO 50001 energy management standard and verify the savings they achieve. The Department of Energy (DOE) provides guidance and specialized software tools to help manufacturers implement their energy management systems effectively. DOE sponsors SEP in partnership with the American National Standards Institute (ANSI), ANSI-ASQ National Accreditation Board (ANAB), and U.S. Council for Energy-Efficient Manufacturing.

What Are the Benefits of Implementing an ISO 50001 or SEP Energy Management System Certification?
ISO 50001 or SEP will provide public and private sector organizations with management strategies to increase energy efficiency, reduce costs, and improve energy performance. By managing energy with this systematic approach, your company will be able to:
- reduce energy costs
- continually improve energy performance
- improve corporate image
- reduce your greenhouse gas (GHG) emissions
- align your energy management with other business systems

Ways PennTAP Can Help:
Whether you are just getting started with your energy management system or would like external assistance to manage and/or improve your existing system, PennTAP can help. Our services include:
- gap analyses
- implemented support
- management and employee training

PennTAP is a technical assistance program in Penn State Outreach and Online Education. We connect Penn State’s programs, research, and services to a vast, diverse community. Penn State Outreach and Online Education’s mission is to engage, empower, and inspire global learners through the transformative, boundless power of knowledge.

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