

# Save Energy Now Resources



## Industrial Technologies Program

The U.S. Department of Energy (DOE) provides information resources to industrial energy users and partnering organizations to help the nation's industrial sector save energy and improve productivity.

The following resources are a selection of the Industrial Technologies Program portfolio including case studies, technical briefs, software tools, and tip sheets and sourcebooks for steam, process heating, compressed air, motors, and pumps — all available at no cost from the ITP BestPractices and Save Energy Now Web sites. Download these as Adobe Acrobat PDF files. A limited number of hard copies may be available; contact the Energy Efficiency and Renewable Energy (EERE) Information Center at 877-337-3463, or visit [www.eere.energy.gov/informationcenter](http://www.eere.energy.gov/informationcenter).

Find these free resources and many more at:

**Industrial Technologies Program**  
[www.eere.energy.gov/industry](http://www.eere.energy.gov/industry)

**BestPractices**  
[www.eere.energy.gov/industry/bestpractices](http://www.eere.energy.gov/industry/bestpractices)

**Save Energy Now**  
[www.eere.energy.gov/industry/saveenergynow](http://www.eere.energy.gov/industry/saveenergynow)

## Save Energy Now Resource CD

This free-of-charge comprehensive CD includes the best of ITP's portfolio with more than 10 software assessment tools, energy management and plant assessment information, sourcebooks, case studies, systems tip sheets, Web links, newsletters, and much more.

## Energy Assessment and Energy Management

### Assessments

Assessing Energy Use in Your Plant • Publication number: DOE/GO-102006-2280  
[www.eere.energy.gov/industry/bestpractices/pdfs/assessing.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/assessing.pdf)

Save Energy and Money with a Corporate Energy Management Program • Publication number: DOE/GO-102006-2277  
[www.eere.energy.gov/industry/bestpractices/pdfs/39158.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/39158.pdf)

### Training

End User Training • Publication number: DOE/GO-102004-1969  
[www.eere.energy.gov/industry/bestpractices/pdfs/end\\_user\\_train.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/end_user_train.pdf)

Specialist Qualification Training • Publication number: DOE/GO-102006-2283  
[www.eere.energy.gov/industry/bestpractices/pdfs/specialist\\_train.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/specialist_train.pdf)

## Systems Technical Information

### Sourcebooks

Improving Compressed Air System Performance: A Sourcebook for Industry • Publication number: DOE/GO-102003-1822  
[www.eere.energy.gov/industry/bestpractices/pdfs/compressed\\_air\\_sourcebook.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/compressed_air_sourcebook.pdf)

Improving Fan System Performance: A Sourcebook for Industry • Publication number: DOE/GO-102003-1294  
[www.eere.energy.gov/industry/bestpractices/pdfs/fan\\_sourcebook.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/fan_sourcebook.pdf)

Improving Process Heating System Performance: A Sourcebook for Industry, 2nd Edition • Publication number: DOE/GO-102008-2429  
[www.eere.energy.gov/industry/bestpractices/pdfs/proc\\_heat\\_sourcebook2.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/proc_heat_sourcebook2.pdf)

Improving Pumping System Performance: A Sourcebook for Industry • Publication number: DOE/GO-102006-2079  
[www.eere.energy.gov/industry/bestpractices/pdfs/pump.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/pump.pdf)

Improving Steam System Performance: A Sourcebook for Industry • Publication number: DOE/GO-102004-1868  
[www.eere.energy.gov/industry/bestpractices/pdfs/steamsourcebook.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/steamsourcebook.pdf)

### Fact Sheets

Reduce Natural Gas Use In Your Industrial Steam System • Publication number: DOE/GO-102006-2281  
[www.eere.energy.gov/industry/bestpractices/pdfs/tentips\\_steam.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/tentips_steam.pdf)



**U.S. Department of Energy**  
**Energy Efficiency and Renewable Energy**

Bringing you a prosperous future where energy is clean, abundant, reliable, and affordable

Save Energy Now in Your Motor-Driven Systems • Publication number: DOE/GO-102006-2276  
[www.eere.energy.gov/industry/bestpractices/pdfs/39157.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/39157.pdf)

Save Energy Now in Your Process Heating Systems • Publication number: DOE/GO-102006-2274  
[www.eere.energy.gov/industry/bestpractices/pdfs/39155.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/39155.pdf)

Save Energy Now in Your Steam Systems • Publication number: DOE/GO-102006-2275  
[www.eere.energy.gov/industry/bestpractices/pdfs/39156.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/39156.pdf)

### Tip Sheets

Compressed Air: Analyzing Your Compressed Air System • Publication number: DOE/GO-102004-1927  
[www.eere.energy.gov/industry/bestpractices/pdfs/compressed\\_air4.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/compressed_air4.pdf)

Motors: Eliminate Voltage Unbalance • Publication number: DOE/GO-102005-2061  
[www.eere.energy.gov/industry/bestpractices/pdfs/eliminate\\_voltage\\_unbalanced\\_motor\\_systemts7.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/eliminate_voltage_unbalanced_motor_systemts7.pdf)

Process Heating: Check Burner Air to Fuel Ratios • Publication number: DOE/GO-102002-1552  
[www.eere.energy.gov/industry/bestpractices/pdfs/et\\_check\\_burner.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/et_check_burner.pdf)

Pumps: Conduct an In-Plant Pumping System Survey • Publication number: DOE/GO-102005-2155  
[www.eere.energy.gov/industry/bestpractices/pdfs/conduct\\_in\\_plant\\_pumping\\_systemts1.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/conduct_in_plant_pumping_systemts1.pdf)

Steam: Improve Your Boiler's Combustion Efficiency • Publication number: DOE/GO-102006-2251  
[www.eere.energy.gov/industry/bestpractices/pdfs/steam4\\_boiler\\_efficiency.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/steam4_boiler_efficiency.pdf)

Steam: Use Feedwater Economizers for Waste Heat Recovery • Publication number: DOE/GO-102006-2250  
[www.eere.energy.gov/industry/bestpractices/pdfs/steam3\\_recovery.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/steam3_recovery.pdf)

### Software

ITP offers various software tools—three with metric conversion capabilities—to help identify and analyze energy system savings opportunities in your plant. Please visit the Software Tools page to obtain free downloads and to learn more about each program.  
[www1.eere.energy.gov/industry/bestpractices/software.html](http://www1.eere.energy.gov/industry/bestpractices/software.html)

Use ITP Decision Tools to Save Energy Now Fact Sheet • Publication number: DOE/GO-102006-2279  
[www.eere.energy.gov/industry/bestpractices/pdfs/tools\\_summary.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/tools_summary.pdf)

### Case Studies More than 60 BestPractices and Save Energy Now case studies available online.

Chrysler: Save Energy Now Assessment Enables a Vehicle Assembly Complex to Achieve Significant Natural Gas Savings •  
Publication number: DOE/GO-102008-2485  
[www.eere.energy.gov/industry/saveenergynow/pdfs/42136.pdf](http://www.eere.energy.gov/industry/saveenergynow/pdfs/42136.pdf)

Dow Chemical Company: Assessment Leads to Steam System Energy Savings in a Petrochemical Plant •  
Publication number: DOE/GO-102007-2467  
[www.eere.energy.gov/industry/bestpractices/pdfs/42009.pdf](http://www.eere.energy.gov/industry/bestpractices/pdfs/42009.pdf)

West Linn Paper Company: Longest-Serving Active Paper Mill in the Western United States Uncovers New Ways to Save Energy •  
Publication number: DOE/GO-102008-2525  
[www.eere.energy.gov/industry/saveenergynow/pdfs/42352.pdf](http://www.eere.energy.gov/industry/saveenergynow/pdfs/42352.pdf)

Terra Nitrogen: Terra Nitrogen's Save Energy Now Plant Assessment Reduces Energy Costs by More Than \$3.5 Million Annually •  
Publication number: DOE/GO-102007-2468  
[www.eere.energy.gov/industry/saveenergynow/pdfs/42010.pdf](http://www.eere.energy.gov/industry/saveenergynow/pdfs/42010.pdf)

### Periodicals - Subscribe Today – Free!

**Energy Matters**, the BestPractices quarterly online publication, is your source for in-depth articles from industry experts, technical tips, and energy efficiency opportunities. [www.eere.energy.gov/industry/bestpractices/energymatters](http://www.eere.energy.gov/industry/bestpractices/energymatters)

ITP's **E-Bulletin** is your monthly industry connection to the latest news, resources, events, and project opportunities.  
[www.eere.energy.gov/industry/resources/ebulletin](http://www.eere.energy.gov/industry/resources/ebulletin)

### A Strong Energy Portfolio for a Strong America

Energy efficiency and clean, renewable energy will mean a stronger economy, a cleaner environment, and greater energy independence for America. Working with a wide array of state, community, industry, and university partners, the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy invests in a diverse portfolio of energy technologies.

#### FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

EERE Information Center  
1-877-EERE-INF (1-877-337-3463)  
[www.eere.energy.gov/industry/saveenergynow](http://www.eere.energy.gov/industry/saveenergynow)

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