



A snapshot of ACRP Research Results Digest 2: Model for Improving Energy Use in U.S. Airport Facilities

Using key measures in the digest, airports can enjoy:

- 15-percent savings related to operations and maintenance (O&M)
- 10- to 25-percent savings from recommissioning on an ongoing basis
- 10- to 20-percent savings by using energy retrofit strategies described in the digest

A look at the findings in the digest

Airport managers can significantly lower energy costs by:

- Implementing the energy management best practices
- Implementing an energy-tracking program
- Periodically investigating cost-effective energy efficiency measures

A glance at case studies in the digest

For more information on reducing energy use, airport managers can review these case studies:

- Energy-related O&M study of Dallas/Fort Worth (DFW) Airport Terminals B and D
- Case study of Continuous Commissioning® of DFW Airport Rental Car Center
- Case study of Continuous Commissioning® of Matheson Courthouse in Salt Lake City, UT

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Reducing Energy Use in U.S. Airports

Best Practices from Leading Airport Managers

Highlights from ACRP Research Results Digest 2:
Model for Improving Energy Use in U.S. Airport Facilities



You're busy enough as it is, yet every month the same energy challenges emerge:

- Soaring utility bills
- Trouble controlling building temperature and comfort
- A budget stretched too thin for energy retrofits

You've tackled the obvious energy solutions. Now what?

The good news is you're not alone.

Research conducted for the Airport Cooperative Research Program (ACRP) has done the legwork for you. *ACRP Research Results Digest 2: Model for Improving Energy Use in U.S. Airport Facilities* gathers the best of the “best practices” from a who’s who of airport managers, all successful in:

- Reducing energy costs
- Improving comfort
- Stretching budgets
- Creating innovative, off-the-shelf solutions to energy problems

Low-cost energy savings await

A 2007 survey sponsored by ACRP found that most facilities are not taking advantage of a full range of cost-saving opportunities.

The digest showing best practices to reduce energy use was prepared by Texas A&M University’s Energy Systems Laboratory.

The results of the research detail ways airport facility managers can implement low-cost solutions that pay back quickly, including:

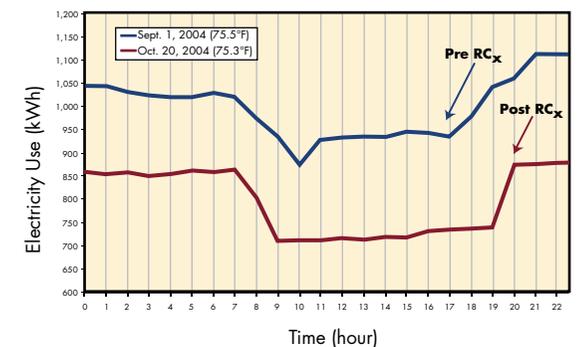
- Energy-related operations and maintenance (O&M)
- Recommissioning
- Cost-effective energy retrofits



Saving energy now: a case study

Learn how managers at Dallas/Fort Worth (DFW) International Airport saved \$106,000 in the rental car center and lowered energy use 18 percent by optimizing operations and recommissioning their HVAC system.

According to Rusty Hodapp, Vice President of Energy and Transportation Management, the energy strategies used allowed the airport to recover its costs in one year. The added benefit for DFW: no more complaints from rental car vendors.



Note: RC_x is a symbol for recommissioning.

Energy Savings at DFW Rental Car Center