

ESA

Resource Conservation

ESA will help you improve Resource Efficiency, increase Environmental Quality, and lower Operational Costs throughout your facilities.

Our Shared Savings Program saves you money!

We'll complete a **FREE** facility assessment to start the process!



Services Offered:

- ◆ **Shared Savings Programs:** ESA will fine-tune your energy-consuming equipment and help you operate your facilities more efficiently. A portion of the savings we generate will pay for our services, while the remainder can be capitalized to further achieve your conservation goals and improve your bottom line.
- ◆ **Re-Commissioning (Re-Cx) and Retro-Commissioning (Retro-Cx):** ESA's Commissioning Services identify and correct faulty equipment, inefficient operation, and ineffective use of controls in your facilities resulting in greater occupant comfort and lower utility use.
- ◆ **LEED® and Sustainable Design Consulting:** Whether pursuing LEED Certification, retrofitting mechanical systems, or constructing new facilities, ESA helps you plan, design, and execute projects sustainably and cost-effectively.
- ◆ **Rebates and Incentive Programs:** ESA assists in identifying services and equipment that qualify for rebates from your local utility provider. There are several incentive programs in place to help pay for Re-Cx studies and high-efficiency equipment upgrades.
- ◆ **Utility Tracking:** ESA regularly analyzes utility billings as both a measure of performance and as a tool to identify inefficiencies. Also, our understanding of tariffs and billing structures allows us to verify the accuracy of your billings and to provide creative solutions to minimize your expenses.

ESA has an experienced staff for providing professional services to improve the environmental quality of your facilities, enhance your operations, and control your utility costs.

Benefits: ESA promotes a team approach with our customers. By forming a task force working with several of our customer's key staff members, we gain a better understanding of our customer's needs and we are able to educate and empower our customers throughout the process. You'll achieve:

- ◆ Improved operations, providing benefits throughout the entire organization
- ◆ Extended equipment life and lower maintenance costs
- ◆ Improved environmental quality, enhancing productivity and performance
- ◆ Efficient resource use and lower operational costs

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The following is a brief summary of several clients where ESA established a long-term relationship and developed successful conservation projects.



Falcon School District 49

ESA worked with Falcon to develop an "Energy Team" to help the District improve its facilities and reduce its resource consumption. Some of the Energy Teams accomplishments were:

- ◆ Reduced District utilities by \$250,000 annually
- ◆ Published the Falcon and LEED *Technical Guide for New and Remodeled Buildings*
- ◆ Managed a District-wide building automation and lighting retrofit
- ◆ Secured a wind-study grant to help the District pursue the installation of an on-site wind turbine



Boulder Valley Schools

ESA served as the District's Project Managers for a \$12.5 million energy retrofit project addressing approximately 50 buildings. The project savings exceeded \$2.5 million per year. The project earned the *Association of Energy Engineers' Energy Project of the Year Award*.



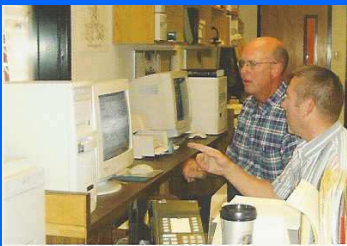
Town of Vail

ESA conducted a resource conservation program with the Town of Vail realizing over 20% in annual utility savings. As an aspect of the conservation program, ESA installed equipment and performed services town-wide including setback thermostats, HVAC equipment tune-ups, and computerized operation of the HVAC systems. ESA also conducted a 2 MW Cogeneration Feasibility Study to provide power and a district heating loop for the town.



Pitkin County

ESA conducted a resource conservation program with Pitkin County. ESA re-commissioned the County's facilities and worked with the County to correct and operate them efficiently. Pitkin County realized \$50,000 in utility savings in the first year of the conservation program. ESA also implemented a work order system for the County Facilities Department, with the intent to expand the system to other County departments.



Vail Resorts

ESA has provided Vail Resorts with Resource Consulting services for over 25 years. A project developed by ESA and installed for Vail Associates, Inc. incorporated one of the first applications of "shared savings" financing and received both a *State of Colorado* and *U.S. Department of Energy Energy Innovation Award* for the company.

Harrison School District Two

ESA worked with Harrison to:

- ◆ Manage a District-wide building automation and security system retrofit over 18 facilities
- ◆ Cx and Re-Cx all of the District facilities
- ◆ Improve operations and maintenance through the installation of a District-wide CMMS system

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