



WHAT IS RSPEC?

OVERVIEW

Swimming pools are big energy consumers. Pool owner/operators spend billions of dollars annually to heat the nation's pools. Much of this energy is often wasted and can be saved with proper management. Wasting energy also contributes to our growing air quality problem.



RSPEC is a program initiative of the Institutional Conservation Program (ICP) of the U.S. Department of Energy to Reduce Swimming Pool Energy Costs. **RSPEC** is a part of the national effort to reduce energy consumption and air pollution, thus protecting the environment. It is also a partnership between the public sector and private industry to support the promotion and transfer of market ready energy efficient products to the institutional, commercial, and residential pool operator/owner.

PRIMARY COMPONENTS OF RSPEC ARE:

- Focusing national awareness on pool energy consumption, related costs, and the impact on our environment.
- Identification of practical solutions to increase energy efficiency, reduce environmental emissions and achieve overall operating cost savings and benefits.

- Support of market-ready renewable energy products, through information and technology transfer to the institutional, commercial, and residential pool operator. Such products have proven records of three to five years' payback and a warranty of at least five years.

WHO IS INVOLVED?

The Institutional Conservation Program works primarily with schools, educational institutions, and hospitals who operate sports and therapeutic pools. The program has shared its outreach to encompass all types of pool operators and owners. In addition, partnerships are being created between DOE and national pool associations, manufacturers of pool energy management equipment and systems, and dealers and distributors to implement energy efficiencies and renewable technologies in the industry.

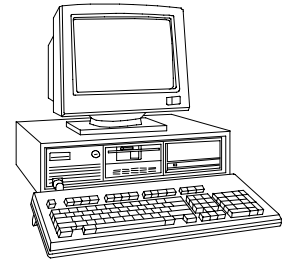
ENERGY EFFICIENT MEASURES

There are many energy efficient measures that are currently available. By employing some or all of these energy management systems, one will save energy and lower utility costs. Some of these measures are: adding a pool cover, using a solar heating system, installing windbreaks, selecting high efficiency heating equipment, installing energy efficient lighting, pumps and motors, and employing heat recovery ventilation. Adding or upgrading to these energy efficient measures may account for a savings of more than 50% in energy costs.

RSPEC TOOLS

The "Department" has created a software package titled *'Energy Smart*

Pools' that allows the user to input data and receive a projection of potential savings to be realized by implementing a variety of energy management systems.



Also, consumer oriented fact sheets discussing energy management systems, videos, and department expertise to support **RSPEC** are available to those who become partners in the **RSPEC** program.

BECOME A PARTNER!

To become a partner, contact **RSPEC** using the address and phone number listed at the bottom of this page.



Take advantage of RSPEC. YOU can make a difference!