

Reduce Energy Costs

Integrated, Comprehensive Energy Management
for School Districts and Municipalities



Statewide energy-savings services to help manage total costs through customized management and lower cost energy.

www.crec.org



CREC
Capitol Region Education Council

TYCHON
Energy Systems



The Benefits

- › Lower energy costs
- › Reduced operating budgets and energy spending
- › No up-front capital and zero percent financing
– a cash-flow neutral project
- › Minimal disruption of building operations
- › Better learning and working conditions in a more comfortable building environment
- › Environmentally conscious program
- › Contributes to Connecticut's energy self-sufficiency



Program Overview

The Capitol Region Education Council (CREC), DBS Energy, Inc., and Tychon Energy Systems, LLC have combined to expand an already successful lighting efficiency program. The new, expanded program features active energy management, peak load reduction solutions, and renewable technology. Together, these customized components provide building-wide energy cost-saving opportunities.

CREC will:

- › Act as your single point of contact
- › Coordinate and monitor the program development and implementation
- › Evaluate the project's results and its effectiveness for your district

DBS Energy and Tychon Energy Systems will:

- › Conduct a thorough evaluation of your building's energy infrastructure **at no cost**
- › Define and explain the scope of opportunity and its financial benefits
- › Implement the project



The Features

Remote Monitoring of Real-Time Building Energy Use

- › Constant connection to districts via Internet
- › Active management reduces peak loads
- › Monitor HVAC, boilers, and lighting systems
- › Power factor and harmonic transformer upgrades
- › Monitor electricity and fossil fuel consumption
- › Utility bill monitoring and management
- › Cost and usage tracking, forecasting, and budgeting

Purchase of Electric Commodity

- › Purchase commodity during off-peak hours
- › Improved load profile management

Renewable Energy Solutions

- › Design and installation of solar photovoltaic, solar thermal, fuel cells

Financing

- › Leverage statewide grant and other financing programs

Initial Building Evaluation - No Risk to You

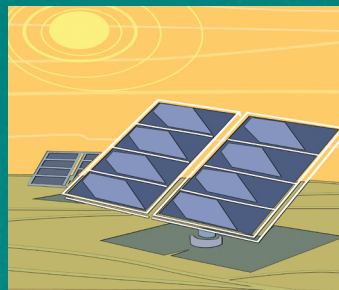
Our highly qualified technicians will evaluate your building and use the data to determine if cost-savings can be achieved. If the evaluation data shows that significant cost savings can be achieved, we will develop a plan that will illustrate your estimated savings.

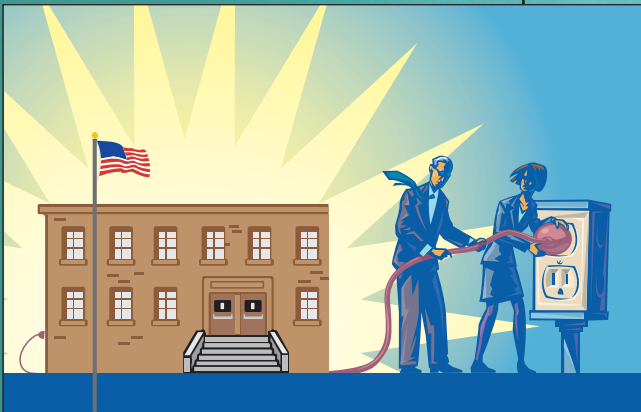
Why Upgrade your Systems?

You will reduce your overall energy costs. Added benefits include more comfortable buildings that promote better learning and working conditions – all while demonstrating environmentally conscious leadership.

Why work with CREC, Tychon, and DBS?

Our joint expertise and direct access to statewide utilities and other agencies involved in energy conservation and generation allows us to act quickly and effectively on your behalf. We have a proven track record of success and we are always available to answer questions, address concerns, and help with future facility planning needs.





Our Process

- › Contact CREC, Roger LaFleur, Director of School Construction, 860-524-4060, email: rlafleur@crec.org
- › Tychon and DBS will coordinate an engineering assessment of your buildings.
- › We will collect utility data and evaluate and incorporate all grant funding opportunities.
- › We will generate and present proposals for your review and consideration.
- › Upon your acceptance, we will begin the project.
- › We will measure and verify project energy savings.

Our energy savings programs are endorsed by the Connecticut RESC Alliance.

