

# Protect the Power Energy Competition



U.S. Air Force  
MISSION ASSURANCE THROUGH  
**ENERGY  
ASSURANCE**

Facility competitions track the level of energy consumption between facilities of similar size, composition, and mission where the facility that is able to save the greatest amount of energy wins. These competitions educate Airmen on the role they play as stewards of our critical energy resources. Airmen learn not only how to save energy through daily actions, but they learn how these actions can have a significant on the base's energy consumption. In the competition teams are based on the co-occupants of a shared facility.

In facility competition, the facility that is able to achieve the greatest percentage in savings compared to the baseline wins. It is important to maintain a level playing field across different facilities. By using a percentage change from the facility's baseline energy usage, the competition can account for differences in mission energy requirements, number of occupants, and general size of the facility.

## Steps in Facility Competition

### 1. Define the Rules

- ☐ Set the Duration of Competition
- ☐ Identify Eligible or Targeted Participants
- ☐ Designate Competition Officials
- ☐ Determine Award for Competition (Monetary, Trophy, etc)
- ☐ Determine Scalable Measures of Performance
- ☐ Establish Baseline Energy Performance Level

### 2. Get Leadership Buy In

- ☐ Provide Overview of Competition Parameters
- ☐ Formulate "Asks" for Leadership Involvement

### 3. Promote the Competition

- ☐ Announce the Competition
- ☐ Leverage Leadership to Encourage Participation
- ☐ Leverage Mascots or other Promotional Tools to Elevate Interest
- ☐ Provide Tools for Success (e.g. Fact sheets, Training, etc.)
- ☐ Advertise Participant Incentives

### 4. Implement the Competition

- ☐ Kick-Off the Competition
- ☐ Involve Leadership to Deliver Periodic Performance Updates and Sustain Interest

### 5. Announce the Winner(s)

- ☐ Publicly Acknowledge All Participants
- ☐ Engage Leadership to Present Award to Winner
- ☐ Present Replacement Energy-Efficient Device to Winning Unit
- ☐ Leverage Public Affairs Platforms (Base Publications,
- ☐ Local News, Social Media) to Cover Event/Results

### 6. Garner and Record Feedback

- ☐ Track How Many People Received Promotional Correspondence
  - ☐ Record the Facility Energy Consumption Levels for the Duration of the Competition
  - ☐ Calculate the Percentage Difference from the Baseline
- <http://www.safie.hq.af.mil/Programs/Energy/Action-Month>  
[www.Facebook.com/AirForceEnergy](http://www.Facebook.com/AirForceEnergy)  
[www.twitter.com/AFEnergy](http://www.twitter.com/AFEnergy)

In order to account for various missions that have different levels of energy draw, establishing a pre-competition baseline and normalizing scale such as % decrease in energy use will enable the competition to be judged across several functional areas.

Engaging Air Force Leadership, such as Wing, Squadron, or Unit Commanders, in the actual competition can spark Airmen interest, increase participation, and boost team morale.

Acknowledge and celebrate the success of the competition to reinforce the importance of energy recognize the hard work of the Airmen.

Because facility efficiency competitions depend on the ability to measure energy usage for a particular building, thus only metered buildings are eligible to compete.

When seeking leadership, know what to ask for:

- One promotional email sent from Wing Commander to encourage participation
- Two email updates during the competition
- Weekly in-person updates of team performance and rank throughout the competition
- One public appearance to present award to the winner

Success in a facility competition is quantifiable energy savings. The energy impact is calculated by the difference between the recorded baseline levels of performance and the performance levels observed during the competition.