



A banner with a blue sky background, a yellow sun-like graphic on the left, and a road curving into the distance on the right. The text "2006 Energy Topics" is overlaid in blue and orange.

2006 Energy Topics



**Behind the
Wheel:
Management
Focus**

- Utility Energy Service Contracts
- State Energy Assistance
- State of Illinois



Utility Energy Service Contracts



Behind the
Wheel:
Management
Focus

- UESC Definition: Specific contracts that allow utilities to provide government agencies with demand side management and energy and water efficiency improvements. The costs of the projects are paid from savings and may be financed by the utility



GSA Area Wide Contract



Behind the
Wheel:
Management
Focus

- Many utilities have AWC in place that allow for an agency to order energy services (originally DSM)
- Ordering is simple when this contract is in place
- Site specific contracts can be created where an AWC is not in place



Behind the
Wheel:
Management
Focus

- Payback must be 10 years or less
- Authority allows for single source procurement from utility
- Financing can be longer than 10 years (agency specific)
- Other colors of money can be used as buy down
- O&M services, M&V, and guaranteed savings are optional



- In addition, agencies may be able to procure other utility services:
 - Utility distribution services
 - Meter/Submeter Services
 - Training for energy and utility related equipment
 - Privatization



Utility Distribution Services



Behind the
Wheel:
Management
Focus

- Electric - High and medium voltage transmission and distribution
- Natural Gas – Gas piping and regulation
- All – Maintenance on Government owned equipment
- All – Trenching services



Meter/Submeter Services



Behind the
Wheel:
Management
Focus

- Utilities are experts in metering billing
- Many government sites do not have sufficient sub-metering to meet EPACT 2006
- Utilities can provide hardware, meter reading (manual or automatic), and billing services

The logo features a stylized sun with rays in orange and yellow, partially overlapping the year '2006' in orange. Below this, the word 'Energy' is written in a bold, blue, sans-serif font, and 'Training' is written in a larger, blue, sans-serif font to its right. The background of the header is a blue sky with white clouds and a road curving into the distance.

2006 Energy Training



Behind the
Wheel:
Management
Focus

- Utilities can provide training on:
 - Distribution equipment
 - Meter equipment and systems
 - Safety
 - Utility specific rules and standards



Privatization



**Behind the
Wheel:
Management
Focus**

- Utility operation/ownership of government's system
- Depends on condition of government's system
- Pure economics are issue for utilities today



Behind the
Wheel:
Management
Focus

- State Energy Offices are a resource to provide technical assistance and rebates
- The National Association of State Energy Offices is a resource for each state
 - www.naseo.org



Rebates



Behind the
Wheel:
Management
Focus

- Many states offer rebates for renewable energy
 - Need to check if your agency is eligible
- State energy office can help link you up with grants



Non-Federal Attendees



Behind the
Wheel:
Management
Focus

- Most states have legislative vehicles from performance contracting
- The following link will lead you to legislation in your state:
 - <http://www.ornl.gov/info/esco/legislation/>



Behind the
Wheel:
Management
Focus

- Department of Commerce and Economic Opportunity
 - DCEO administers a wide array of programs and services designed to help Illinois businesses thrive in the global economy.
- Energy related services include:
 - Energy efficiency programs
 - Clean energy
 - Renewable fuels



DCEO - Energy Efficiency Programs



Behind the
Wheel:
Management
Focus

- Energy Performance Contracting Program
- Illinois Energy Efficiency Affordable Housing Construction Program
- Manufacturing Energy Efficiency Program (MEEP)
- Small Business \$mart Energy Program



Other Sources in Illinois

- Illinois Clean Energy Foundation
 - 501C3 and Local Government
 - Grants have included lighting, LED Traffic Signals, and Commissioning
- Midwest Energy Efficiency Alliance
 - Purpose is to advance energy efficiency in the Midwest in order to support sustainable economic development and environmental preservation



Closing

- Thank you for your time and enjoy the rest of your stay in Chicago
- Contact Information:
 - Rick Rodriguez
 - Siemens Building Technologies
 - 847-493-7893
 - rrodriguez@siemens.com