



• August 15-18, 2010 • Dallas, Texas •
• Dallas Convention Center •



UESC Briefing

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August 17, 2010

UESC Defined

Utility Energy Services Contract (UESC)

Definition: UESCs are contracts that allow utilities to provide their federal customer agencies with comprehensive energy and water efficiency improvements and demand reduction services

In a UESC...

- the utility fronts the capital costs, *if necessary*
- assesses the opportunities
- designs & installs the project
- and is paid from the savings

The UESC Process

Determine
the
Appropriate
Vehicle

Assemble
Your
Acquisition
Team

The
Utility
Audit

Establish
Terms &
Conditions

Planning

Identification

The
Feasibility
Study

Engineering
& Design
Package

Construction &
Installation

The
Payment
Period

Implementation

UESC Vehicles

- Areawide Contract (AWC)
 - Task order placed underneath to establish terms and conditions for energy management services
- Site Specific Contract (Model Agreement)
- Basic Ordering Agreement (BOA)

Reasons to Choose UESCs

- UESC is an existing, permanent authority used to implement a wide range of projects
- UESC is the most flexible, least time intensive contracting vehicle for a financed energy project
- The utility is an established and known entity
- Utilities are generally A-rated and obtain the lowest financing rate
- The utility has unique expertise and a knowledge of your facility

With UESC You Can:

- Meet goals and requirements of Executive Order 13514, Energy Independence and Security Act, and the OMB scorecard
- Solve facility headaches
- Reduce energy and water consumption
- Reduce greenhouse gas emissions
- Increase use of renewables
- Implement cost-effective energy projects
- Leverage private sector financing and available incentives

Reasons to Choose UESCs

One Stop Shop

- Assess the opportunities
- Provide a feasibility study
- Provide detailed design & engineering
- Implement the project
- Provide proof of performance
- Offer commissioning
- Offer Measurement & Verification
- Offer Operations & Maintenance



Select Potential ECMs

- Building envelope
- HVAC equipment, distribution and water heating system
- Lighting and power system
- Energy management and control systems
- Heat reclaim systems
- Renewable energy systems
- Air compression
- Combined heat and power, distributed energy resources
- Other? (When is metering an acceptable ECM?)

Typical UESC Offerings

Technical Services

Audits

Performance Guarantees

Feasibility Studies

Training

Engineering & Design

O&M Services

Construction & Installation

Project Management

Financial Services

Rebates

Project Financing

Consider this...

- UESCs may not be available to all facilities
- Utility may be new to this type of contracting
- Contract process is not rigid
- Agency's relationship with utility

Do All You Can

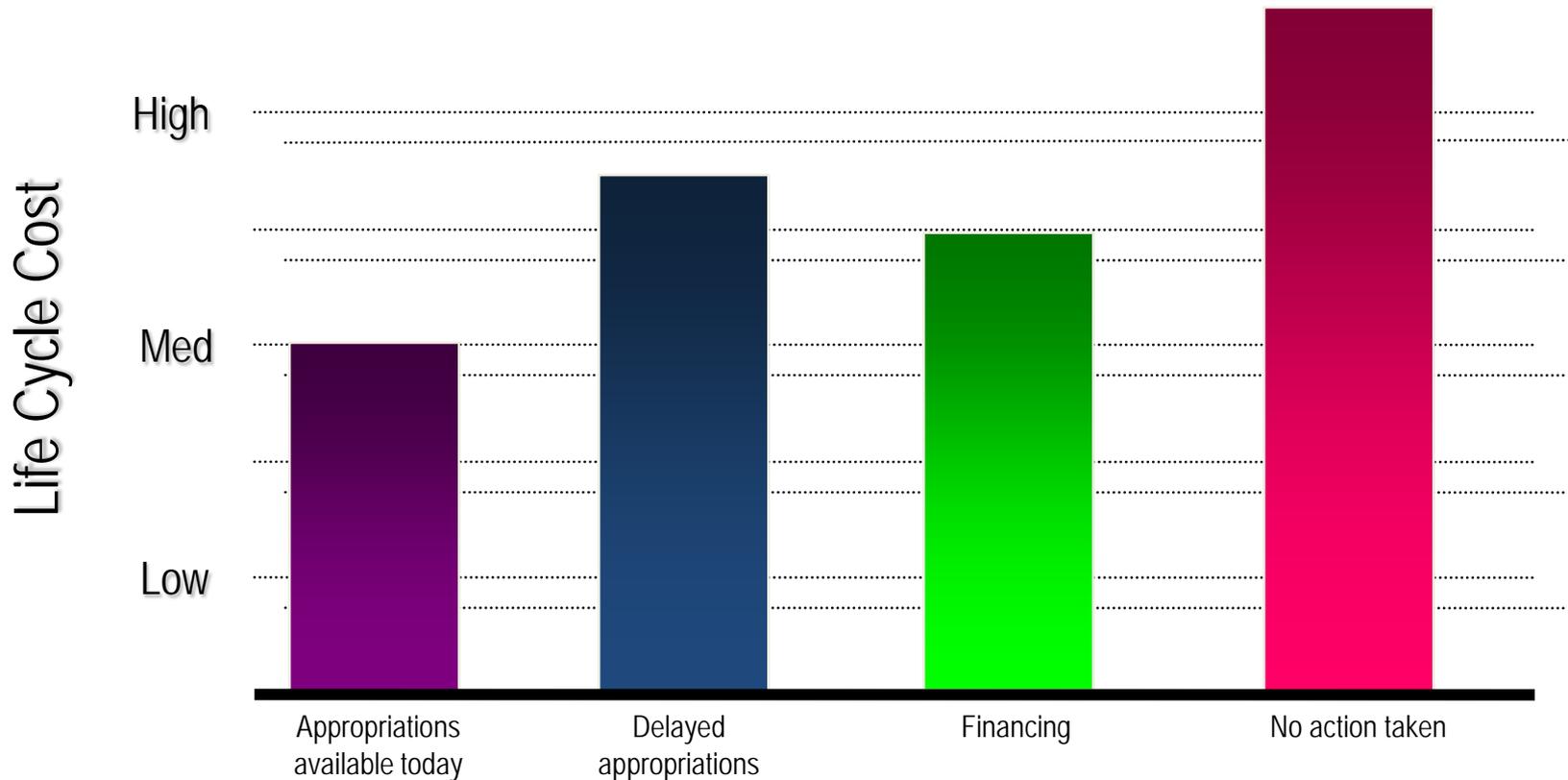
- Include all the opportunities available through UESC
 - Energy efficiency, water efficiency, alternative electric and/or gas supply, on-site power generation/CHP, renewables and renewable power purchases
- Incorporate a synergistic and interactive approach to the measures

Extra, Extra – Gas Utility Installs Electric ECM!!

- Utilities take a Fuel Neutral approach to ECM recommendations
 - If a technology is cost-effective and results in energy savings, it should be considered without regard to fuel source

The Cost of Delaying a Project

Any delay in project implementation results in loss of life cycle savings



Questions??

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GovEnergy 2010