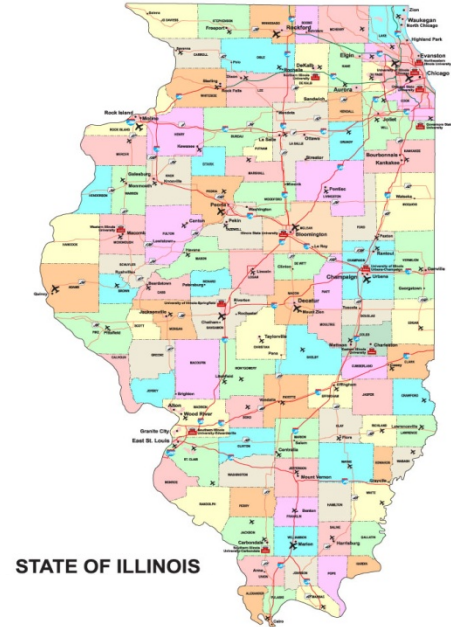


Manufacturing Energy Efficiency Program



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Manager, Energy Efficiency Services
&

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Program Manager



Who are DCEO & ComEd?

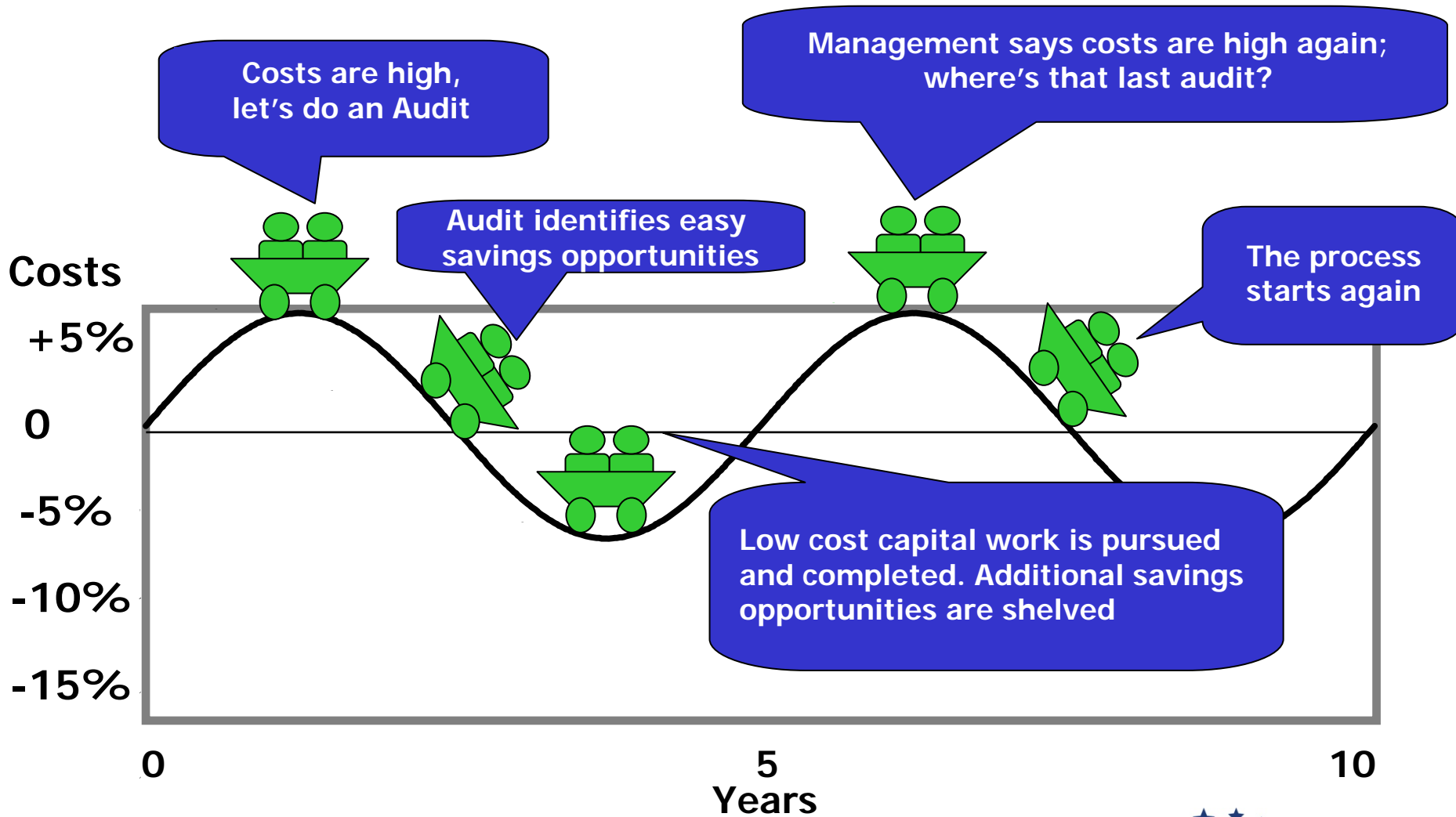
- Department of Commerce and Economic Opportunity (DCEO)
 - Economic development agency with the State of Illinois
 - Designed to assist businesses thrive in the State
 - Provides a variety of programs such as employment & resource training, technology assistance and development, and partnering with businesses to ensure their success
- ComEd (Commonwealth Edison)
 - Electric utility that provides service to approximately 3.8 million customers across Northern Illinois, or 70 percent of the state's population
 - Energy-Efficiency Services department provides free and for-fee support services to customers
 - Focus on customer satisfaction and energy efficiency



What is the MEEP?

- Manufacturing Energy Efficiency Program (MEEP)
- Illinois Department of Commerce and Economic Opportunity (DCEO) sponsored
- Assists large manufacturers in understanding & improving their energy management practices
 - 1.5 – 2 hour diagnostic session
- Business approach vs. Technical audits
 - Utilizes EnVINTA's One-2-Five Diagnostic Process
- Three Phases
 - One-2-Five Diagnostic Session
 - Action Plan
 - Technical Assessment
- DCEO provides rebates of 50% up to \$10,000 for both the Action Plan development and Technical Assessment

The Traditional Approach to Energy Management

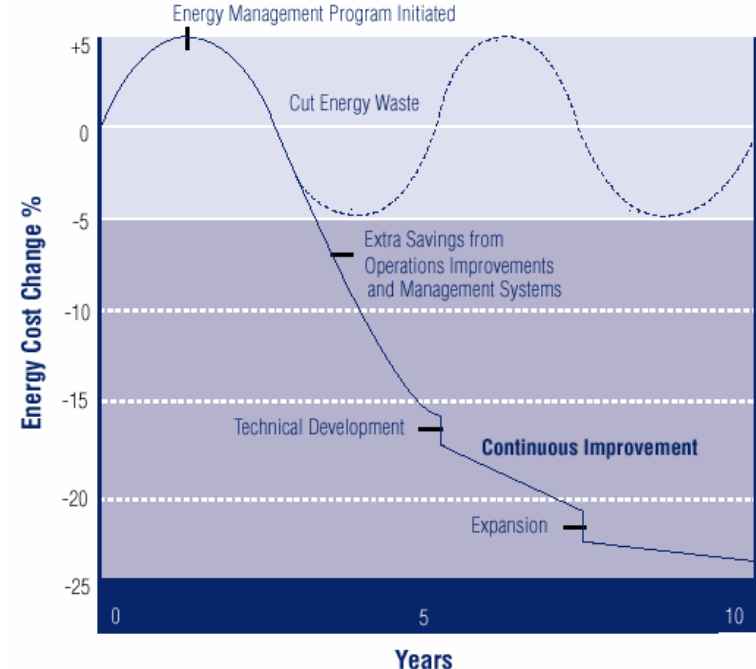
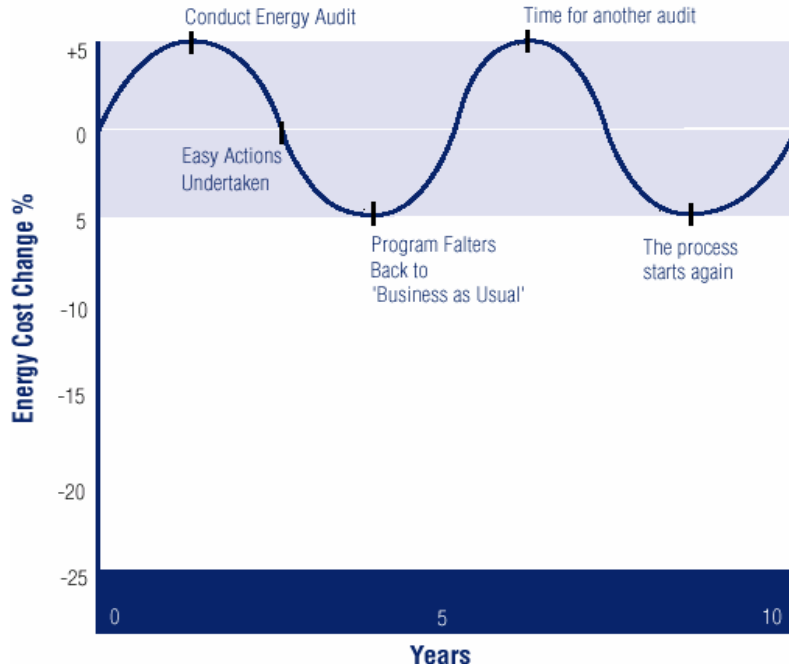


Tackling Energy Management

Traditional Approach

“VS”

One-2-Five Approach



- Tactical, Project Basis
- No context of ongoing Mgmt System
- No Long-term Sustainability
- Authorities not Commensurate w/ level of Responsibility or Accountability

- Strategic, Program Basis
- Integrated to Business / Processes
- Continuous Improvement Functions
- Balanced Organizational Structure, Process, People, and Systems

One-2-Five[®] Scale

 = Best Practice and Continuous Improvement

 = Energy Management Integrated into Business Systems

 = Energy Management Systems Established

 = Basic Energy Management Practiced

 = Yet to be considered

Why the MEEP is a Powerful Tool

- Helps site reduce cost of doing business in Illinois
 - Adds to the bottom line
- Uses an internationally recognized diagnostic tool
 - One-2-Five
- Provides best practices in energy management practices
 - Rapid & easy incorporation into site business model
 - Solid practices with limited risk
 - Specific to NAICS type of manufacturing segment
- Diagnostic Session is free to the site – nothing to lose
- Provides financial assistance from DCEO for two additional phases
 - Phases designed to help move from “ideas” to implementation
 - Action Plan (up to \$10,000)
 - Technical Assessment (up to \$10,000)

Impacts of MEEP

- Program impacts to date over three years:
 - 70 Diagnostic Sessions completed
 - 15-20% average identified site reduction in energy
 - \$17 Million dollars in identified annual operational savings
 - Utilities
 - Energy Management practices
 - 15 Action Plans pursued
 - 22% of all Diagnostic Sessions
 - Variety of topics

Questions?