MAC Tools for Regional CHP Application Centers

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The “MAC”

In the Beginning …

- How Did We Start?
- What’s Out There?
- Who Are the Key Players?
- How Do We Reach Out?
- Where Should We Expend Our Limited Resources?
We Started Out …

... By Developing Activities to Meet Our “Mission” to Provide *Information*, *Outreach*, and *Technical Assistance*

- **Inward Activities**
  - Outlines
  - Protocols
  - Website and Database Structure
  - Tools

- **Outward Activities**
  - Participated and Presented at Numerous Meetings and Workshops
  - Listened and Learned

How Did We Start?
CHP Hide and Seek

**State Baseline Characterization**

Purpose: Characterize Climate for CHP in Each State in the Midwest

- Contacts: “CHP Friendly” Firms and Organizations
- Installations: Baseline MWe
- Pricing and Policy Issues: Rates and Tariffs, Interconnect Requirements and Fees, Electrical Deregulation, State Incentives
- Market Potential: Sense of “Where We Can Go”
- Conclusions and Recommendations: Focus Our Activities for that State

Who Are the Key Players?

What’s Out There?
Finders Keepers …

• **Installation and Contact Database**
  – Information on Installed CHP
    » General
    » Baseline/CHP System
    » Financial Considerations
    » Benefits and Barriers
  – Information on CHP Contacts
  – Online Search and Submission Capabilities
  – Designed to be National Database
  – Set-Up to be Developed to:
    » Track Potential Installations
    » Repository for Case Study Information
Simon Says …

• Presentations
  – State Utility Commissions
  – Architect / Engineering Firms
  – Professional Associations
  – Workshops

• Targeted Education
  – Market Sector
    » Hospitals (Chicago/IL and National Program)
  – End User
    » Financial Administrators
    » Facility Managers
    » Architect and Engineering Firms

How Do We Reach Out?
Name That State …

- Interact and Engage Your States
  - Interconnect Forum for Midwest State Commission Representatives
  - Rate/Tariff Forum for Midwest State Representatives
  - Illinois Businesses Workshop
  - Chicago and Illinois Hospitals Program
  - Presentation to the Illinois Commerce Commission
  - Requested to Address Wisconsin, Michigan, and Missouri State Commissions
But I Don’t Want to Go to Bed …

• Website is There 24 / 7 / 365
  – State by State Information
  – Common Information on National Website
  – Seamless Integration between Regional and National
  – End User Focused
  – Matrix of Chapters to End User
  – Interactive and Multimedia
  – Averaging Around 30,000 Hits/Month
New Standard Exam???

- Technical Assistance Program
  - Standard Outreach – Information & Screening Preferably Target Market Area
  - Investigation – CHP Assessment
    1. Technically and Financially Viable, and
    2. A/E Firm Involved or Being Sought
  - Design/Bid Evaluation – Review Assistance
    1. Technically and Financially Viable, 
    2. A/E Firm Involved, and
    3. Owner Willing and Able to Finance Project
  - Post-Commission - Follow-Up

Case Study
How Do We Reach Out?

More Fun than a Barrel of Monkeys …

- CHP Fundamentals Training Course
- Hospital Primer
- Walkthrough Checklist
- CHP Screening/Assessor Spreadsheet
- National Website
- On-Line Database
How Should We Expend Our Limited Resources?

A Penny Saved …

- Use What is Available to You
  - MAC Tools
    - May be More Useful to Some than Others
    - Cast in Jello – Your Comments Count
  - National Support
    - National Hospital Program
    - FEMP

- Listen and Heed What You Hear
- Focus on the Most Beneficial Areas
- Encourage and Engage State Participation
The Next MAC Attack …

- Further Expand Training
- Train / Support Midwest IACs to Identify Favorable CHP Sites
- Website and Database Improvements to Support Needs of Other RACs
- Strengthen Technical Assistance Outside of Illinois
- Work with GTI, UL, ASERTTI, and DOE on Standardized Equipment Test Protocols
- Support and Learn from Other RACs