

MAC Tools for Regional CHP Application Centers

**Regional CHP Application Centers
Meeting
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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?**



How Did We Start?

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



Who Are the Key Players?

CHP Hide and Seek

What's Out There?

- **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**



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**



How Do We Reach Out?

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**



How Do We Reach Out?

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**



How Do We Reach Out?

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 form Other RACs**

