US EPA ARCHIVE DOCUMENT

RAP | Energy solutions for a changing world

Electric Energy Training for Air Regulatory & Planning Staff

US EPA OAQPS
Research Triangle Park, NC
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Presented by Christopher James, Ken Colburn, and John Shenot

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Introducing RAP, Chris, Ken, and John

- RAP is a non-advocacy, non-profit organization providing technical and educational assistance to government officials on energy and environmental issues.
- RAP Principals all have extensive utility regulatory experience.

Introducing RAP, Chris, Ken, and John

- Chris James is a senior associate at RAP; he previously led Connecticut's climate and energy efforts at the CT DEP.

- Ken Colburn joined RAP earlier this year; previously he consulted with states, directed NESCAUM, and led NH's air program.

- John Shenot joined RAP this year after service with both Wisconsin's PSC and DNR.

Purpose & Goals of Training

- From RAP's Perspective:
  1. Traditional energy sources and practices are expensive, polluting, and increasingly unsustainable.
  2. Over their life cycle, energy efficiency (EE) and renewable energy (RE) are equal or lower cost, less polluting, and far more sustainable, and they boost reliability and security.
  3. Environment and energy regulators have little communication, understanding of each other's work.
  4. EPA is in a strong position to encourage EE/RE.

Training Outline

- Modular Training Format
- Day 1 Modules:
  1. Overview: How Does Our Electric System Work?
  2. Characterizing Energy Efficiency (EE) & Its Benefits
  3. Characterizing Renewable Energy (RE) & Its Benefits
     - On-Site Visit to EPA's PV System
  4. Estimating the Benefits of EE/RE Policies & Programs
  5. Industrial EE as a Way to Help Comply with Air Rules

Training Outline

- Day 2 Modules (half day):
  6. Other Energy Issues, Developments, & Emerging Technologies
  7. Current Thinking on Incorporating EE/RE in Air Quality (AQ) Planning and SIPs
  8. EPA's Manual: Pathways for Bringing EE/RE into SIPs

Do's and Don'ts

- Using a "module approach" and most modules are being videotaped:
  - Some minor repetition (e.g., disclaimer)
  - Please avoid coming and going during presentations
  - If you have to leave the room, please do a quick "up and out" exit, avoiding walking in front of the camera
- During Q&A:
  - Please raise your hand if you have a question
  - We will come to your seat with a mobile camera and mike to capture your question clearly