



# Recognizing State & Local Action: Resources for Incorporating EE/RE in Air Quality Plans

CAAAC Meeting  
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Robyn DeYoung  
U.S. EPA

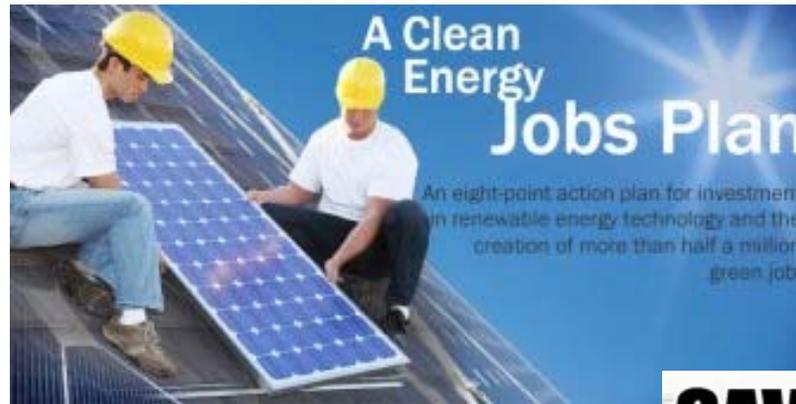
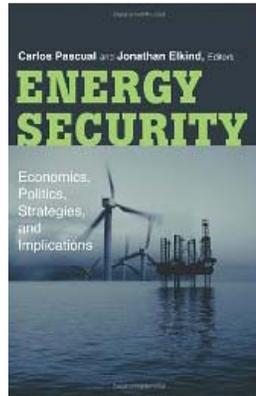
State and Local Climate and Energy  
Program



State and Local  
Climate and Energy Program



# Reasons State and Local Governments Adopt EE/RE Policies



# Tools and Resources to Quantify Emission Impacts of EE/RE



Existing Energy Efficiency Policies

INPUT ENERGY IMPACTS

*Draft* Power Plant Emissions Calculator

INPUT EMISSIONS IMPACTS

Co-Benefits Risk Assessment (COBRA)

Projected Energy Impacts through 2020

Available on EPA's website

Estimates emission reductions of EE/RE from U.S. power plants

- Available on EPA's website
- Peer review in progress
- Revised tool ready by end of 2012

Screening Tool for air quality, health and economic benefits

Available on EPA's website

# Tools and Resources to Quantify Emission Impacts of EE/RE



Existing Energy Efficiency Policies

INPUT  
*ENERGY*  
IMPACTS

Hourly Marginal Emissions Tool

ADJUST  
*EMISSIONS*

SMOKE-Ready EGU Emissions Inventory

Projected Energy Impacts through 2020

Available on EPA's website

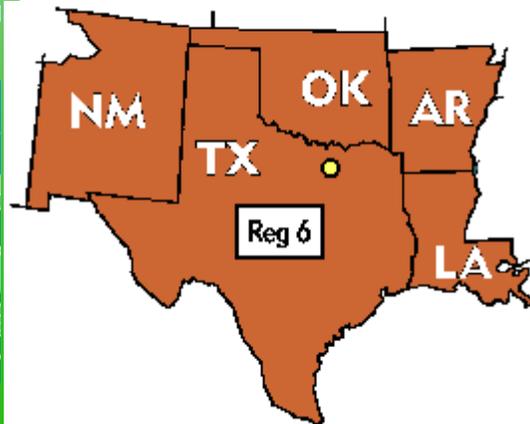
Estimates hourly emission impacts of EE/RE at unit level.

- Under development
- Peer review scheduled for Fall 2012
- Revised tool ready by beginning of 2013

Pre- Process for SIP related air quality modeling

Available on EPA's website

# Training and Outreach



# Questions



## Emission Quantification and EE/RE Policies/Programs

Robyn DeYoung

U.S. EPA

State and Local Climate and Energy Program

202-343-9080

[Deyoung.robyn@epa.gov](mailto:Deyoung.robyn@epa.gov)



## EE/RE Roadmap Manual

Chris Stoneman

U.S. EPA

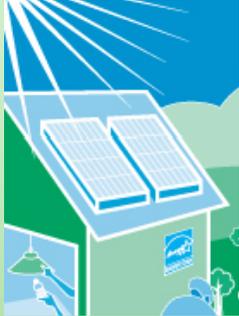
Office of Air Quality Planning and Standards (OAQPS)

919-541-0823

[Stoneman.chris@epa.gov](mailto:Stoneman.chris@epa.gov)



# Resources



- **Existing Energy Efficiency Policies**  
■ <http://www.epa.gov/statelocalclimate/state/statepolicies.html>
- **Draft Power Plant Emissions Calculator (P-PEC)**  
■ <http://epa.gov/airquality/eere/quantify.html>
- **Co-Benefits Risk Assessment (COBRA)**  
■ <http://www.epa.gov/statelocalclimate/resources/cobra.html>