Washington State Update

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State Implementation Plan Overview
SIP Alignment of Rules

• Air Agencies adopting “400-like” rules
  – Benton County
  – Spokane County
  – EFSEC
  – SWCAA
Ozone Ambient Standards

- Max value 70 ppb
- Kennewick
  - 75 ppb in 2015
  - Two years of data, three years required
  - 2016 measuring 68 ppb, <70 in attainment

- ECY recommends
  - “Unclassifiable” for Benton, Franklin, and Walla Counties
  - “Attainment” or “Unclassifiable” for the rest of the state
Preliminary 2016 4th Highs

- Kennewick.S.Clodfelter: 0.068
- Enumclaw.Mud.Mtn.: 0.061
- Mt.Rainier.Jackson.Visitors.Ctr: 0.059
- Yelm.Northern.Pacific: 0.058
- Spokane.Greenbluff: 0.056
- Vancouver.Blairmont.Dr: 0.056
- Issaquah.Lake.Sammamish: 0.054
- Anacortes.202..Avenue: 0.054
- Cheney.Turnbull: 0.053
- Cheeka.Peak: 0.052
- Seattle.Beacon.Hill: 0.046
- Custer.Loomis: 0.045

*These values have not undergone a full quality assurance review and should be considered preliminary.*
SO2 Ambient Standards

• One source selected monitoring approach
• Other source selected modelling approach
• Recommendations due to EPA January 13, 2017
• ECY finalizing analysis and on track to meet deadline
Rules Overview
173-442 Clean Air Rule

- CAR adopted September 15, 2016
- Covered by rule:
  - Natural gas distributors
  - Stationary sources
  - Petroleum fuel producers/importers
CAR Compliance

**Reduce Emissions at Facility**
On-site reductions through maintenance, changes in industrial processes, energy efficiency investments or other capital investments.

**Obtain Emission Reduction Units from Projects**
Businesses covered by the rule or project developers may implement GHG reduction projects, such as dairy digesters, renewable power, or commute trip reduction programs.

1 metric ton of CO$_2$e reduced beyond requirements = 1 emission reduction unit (ERU)

**Obtain Emission Allowances**
Organizations can buy allowances from established, multi-sector markets.
173-400 Startup, Shutdown, Malfunction

- Resuming SSM now that CAR is adopted
- Addresses SSM SIP Call
- Updates incorporation by reference of federal MACT and NSPS Rules
- Planning stakeholder meeting in late October or early November
- Includes 401, removes Affirmative Defense
Clean Power Plan

• Monitoring CPP legal process
• Resuming work with other agencies to model mass based/rate based scenarios
• Resuming interagency meetings in October
WEB page links

• Rules page

• Clean Power Plan
http://www.ecy.wa.gov/programs/air/permit_register/clean_power/clean_power.htm

• Clean Air Rule
http://www.ecy.wa.gov/programs/air/rules/wac173442/1510ov.html

• State Implementation Plans
http://www.ecy.wa.gov/programs/air/sips/plans/plans.htm
Thank You!