Climate Change

global warming

Washington Mandatory GHG Emissions Reporting Rule
August 25, 2008
HB 2815 – GHG Reporting

- Passed in the 2008 legislative session
- Requires ECY to adopt rules for mandatory reporting of GHG emissions
  - Applies to stationary sources and fleets
  - Requires that persons report 2009 emissions starting in 2010
  - Allows ECY to phase in reporting for stationary sources until January 1, 2012
  - ECY can charge a fee for GHG reporting
What you need to report

* The 6 key GHGs
  - Carbon Dioxide (CO₂)
  - Methane (CH₄)
  - Nitrous Oxide (N₂O)
  - Hydrofluorocarbons (HFC’s)
  - Perfluorocarbons (PFC’s)
  - Sulfur Hexafluoride (SF₆)

* Direct and indirect emissions.
  - Direct emissions count for triggering the reporting threshold
  - Once triggered, the entity must report all direct and indirect GHG emissions
Who do you report to?

- ECY; no separate reporting to Local Air Authorities (LAAs)
- ECY shall share GHG reporting information with the LAAs
- Investigating using The Climate Registry (TCR) for data handling needs
Reporting thresholds

- Owner or operator of source or combination of sources: 10,000 TPY
  - ~190 MCFs natural gas
- Owner or operator of fleets: 2,500 TPY
  - ~280,000 gallons gasoline; ~240,000 gallons diesel
- Reporting of emissions in metric tonnes & CO₂ equivalents
Additional requirements

- The rules must contain a deminimis threshold for both indirect and direct emissions.
- Burning of fossil fuels must be reported separately from the burning of biomass.
- ECY may defer the reporting requirements for interstate and international commercial aircraft, rail, truck, or marine vessels until:
  - there is a federal requirement to report; or
  - ECY finds that there is a generally accepted reporting protocol for determining these emissions.
Data verification

- Need to be sure that the GHG emissions data reported are accurate
- Variety of ways to accomplish
  - Self certification
  - Agency review
  - Independent 3rd party verification
Overlap with other schemes

- If there is a federal rule, ECY will amend its rule to seek consistency.
  - Note: consist ≠ identical
- The rule will need to be consistent with the WCI GHG reporting requirements
- ECY plans to rely on TCR for reporting protocols
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Questions?