

A photograph of a rugged mountain range with significant snow cover. The mountains are dark brown and grey, with large patches of white snow and ice. The sky is a clear, pale blue. The overall scene is a high-altitude, alpine environment.

# *Climate Change*

## *global warming*

Washington Mandatory GHG Emissions Reporting Rule  
August 25, 2008



# HB 2815 – GHG Reporting

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- 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

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- The 6 key GHGs
  - Carbon Dioxide (CO<sub>2</sub>)
  - Methane (CH<sub>4</sub>)
  - Nitrous Oxide (N<sub>2</sub>O)
  - Hydrofluorocarbons (HFC's)
  - Perfluorocarbons (PFC's)
  - Sulfur Hexafluoride (SF<sub>6</sub>)
- 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?

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- 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

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- 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 & CO<sub>2</sub> equivalents



# Additional requirements

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- The rules must contain a de minimis 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

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- Need to be sure that the GHG emissions data reported are accurate
- Variety of ways to accomplish
  - Self certification
  - Agency review
  - Independent 3<sup>rd</sup> party verification



# Overlap with other schemes

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- If there is a federal rule, ECY will amend its rule to seek consistency.
  - Note: consist  $\neq$  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?