

Proposed Federal Actions Relating to Greenhouse Gas Emissions

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Conference

Confronting Climate Change in the
Pacific: National, Regional and Local
Perspectives

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Obama Administration Goals

- Strong linkages between energy security, environmental protection, and economic growth
- Financial investments
 - American Recovery and Reinvestment Act of 2009
- Develop cap and trade program, request action from Congress
- EPA priorities: science, transparency, rule of law

American Recovery and Reinvestment Act



\$42 billion: Climate Change Mitigation, Clean Energy, Energy Efficiency

EPA

- \$6 billion: State Revolving Funds
 - 20% set aside for green infrastructure

DOE

- \$6.3 billion: Energy Efficiency and Conservation Block Grants and State Energy Program.
- \$5 billion: Weatherization
- On-going solicitations

American Recovery and Reinvestment Act - \$\$ to Islands

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| | American Samoa | CNMI | Guam |
|-----------------------|----------------|--------------|--------------|
| State Energy Programs | \$18,550,000 | \$18,651,000 | \$19,098,000 |
| EE& C Block Grants | \$9 ,593,500 | \$9 ,593,500 | \$9 ,593,500 |
| Weatherization | \$719,511 | \$795,206 | \$1,119,297 |
| | | | |
| Clean Water SRF | \$3,454,000 | \$1,551,700 | \$2,471,500 |
| Drinking Water SRF | \$483,000 | \$1,829,000 | \$2,124,000 |

Federal Regulatory Activities

- Proposed GHG reporting rule
- Proposed Endangerment finding
- Proposed Renewable Fuels Standard
- Upcoming Greenhouse Gas Emissions Standards for Light-Duty vehicles
- Analyze legislation: Waxman-Markey Bill
- American Recovery and Reinvestment Act
- EPA Investments

Proposed Greenhouse Gas Mandatory Reporting Rule

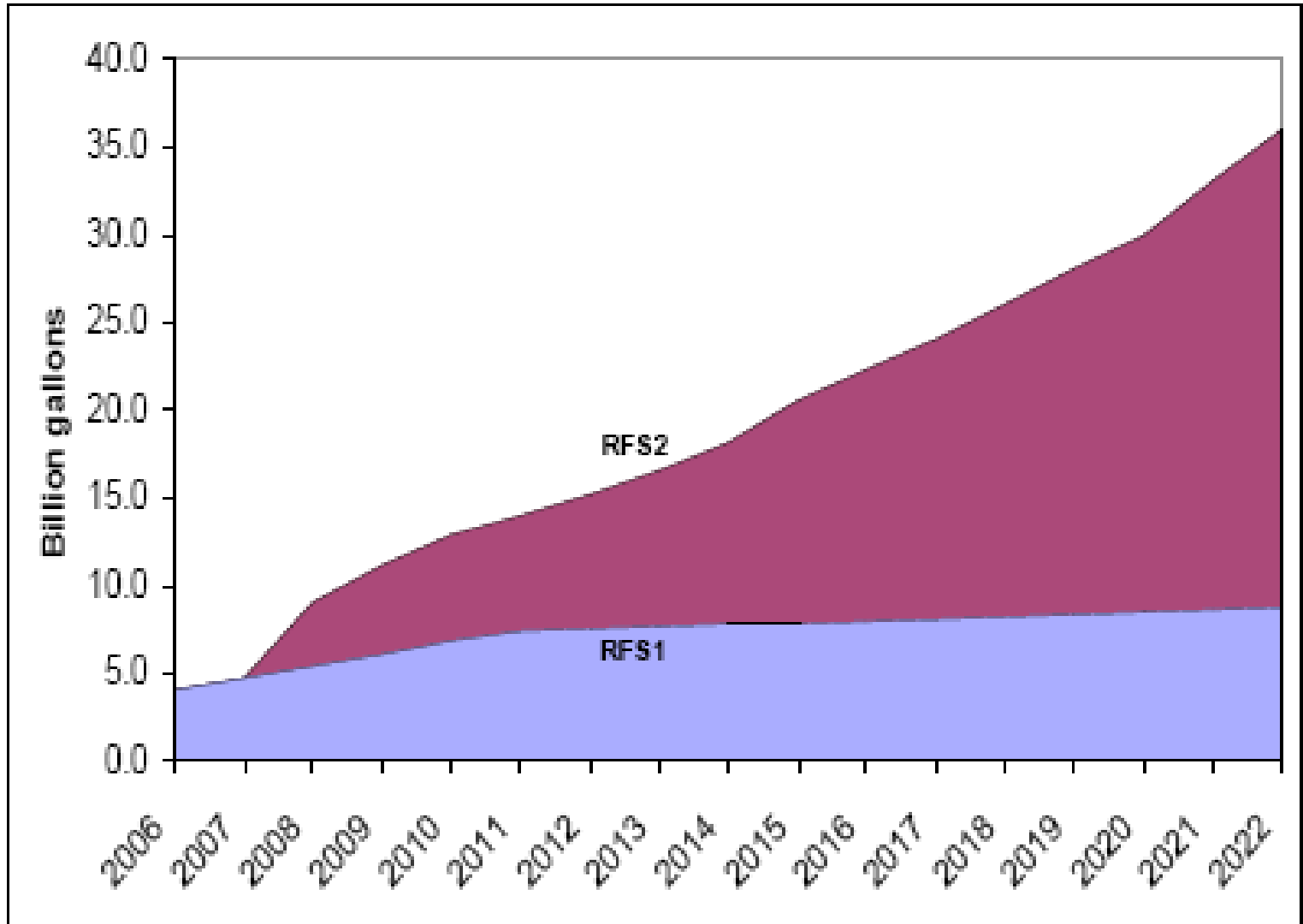
- Applies to:
 - Suppliers of fossil fuels or industrial greenhouse gases
 - Manufacturers of vehicles and engines
 - Large-scale agricultural facilities
 - Other facilities that emit more than 25,000 mT CO₂-eq
- Encompasses ~85-90% of total US greenhouse gases
- Data verified by EPA, not third party

www.epa.gov/climatechange/emissions/ghgrulemaking.html

Proposed Endangerment Finding

- Proposed finding that
 - 6 GHGs threaten the public health and welfare &
 - 4 GHGs from new motor vehicles contribute to atmospheric concentrations
- Comment Period now over
- www.epa.gov/climatechange/endangerment.html

Renewable Fuel Standard 2



Proposed Greenhouse Gas Emissions Standards for Light-Duty Vehicles

- *Collaborative effort:* EPA, DOT, United Auto Workers, Auto Manufacturers, State of CA
 - Joint rulemaking between DOT – NHTSA and EPA now being drafted
- Fuel Economy Standards to start in 2012, ramp up by 2016 to:
 - Passenger Cars: 39 MPG
 - Light-Duty Trucks: 30 MPG
- Limits on tailpipe emissions in g CO₂/mi
- Encompasses 60% US transportation emissions, which are 30% total US emissions

Waxman- Markey

Cap and Trade

- Reductions under the cap:
 - 2012: 3% below 2005 levels
 - 2050: 83% below 2005 levels
- Includes: electricity generators, fuel refiners and importers, fluorinated gas manufacturers, industrial sources emitting more than 25,000 mTCO₂-eq
- Allocation of allowances continues to be debated

Renewable Electricity

- Combined renewable electricity and electricity savings of 6% by 2012 and 20% by 2020.

Waxman – Markey

Building Codes

- Requires 30% reduction in energy use by 2010 and 50% by 2015 ; EPA building labeling
 - Buildings currently represent 38% US GHG Emissions

Adaptation

- Launch National Climate Change Adaptation Program within US Global Change Research Program (new website: <http://globalchange.gov>)
- National Climate Service within NOAA to distribute information to local decision-makers
- Call for adaptation plans at state and federal levels

Looking Forward

- UNFCCC Copenhagen Meeting 12/09
- Potential Regulatory Decisions
 - Proposed Endangerment Finding
 - Proposed GHG Mandatory Reporting Rule
 - Proposed Renewable Fuels Standard
 - GHG Standards for Light-Duty Vehicles
 - Federal Funds Issued
 - American Recovery and Reinvestment Act
 - Community Showcase Climate Grants
- Engage in Legislative Dialogue

Questions?