

State Greenhouse Gas (GHG) Actions

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State	Regulation/ offset of EGU emissions	Regulation of motor vehicle emissions	State-wide target	Action plan	Registry	Other (including contact information)
Alabama				12/1997		
Alaska				Prelim. by 3/07; final by 1/08		Alaska Climate Impact Assessment Commission created by legislation May 2006
Arizona		EO 2006-13 directs adoption of CA GHG regulation (Pavley)	-- Per EO 2006-13: - 2020: GHG emissions to 2000 levels - 2040: GHG emissions to 50 percent below 2000 levels	9/06		- Climate Change Executive Committee formed 9/06 - Southwest Climate Change Initiative - www.azclimatechange.us - Ira Domsky Domsky.ira@azdeq.gov

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California	Load-based cap on GHG emissions to be enacted by California Public Utilities Commission (announced 2/17/06)	Near-term (2009-12) and mid-term (2013-16) CO ₂ -equivalent g/mi standard; separate ones for passenger cars/small SUVs and large trucks/SUVs (Pavley)	-- Per AB 32: - 2020: GHG emissions to 1990 levels --By executive order: - 2010: GHG emissions at 2000 levels - 2020: GHG emissions to 1990 levels - 2050: GHG emissions to 80% below 1990 levels	12/05 (under public review)	- voluntary registry of emissions - per AB32, ARB to establish mandatory registry by 1/1/08	- Governor established advisory committee (6/05) - West Coast Governors' Global Warming Initiative - www.climatechange.ca.gov - Eileen Tutt etutt@calepa.ca.gov - Chuck Shulock cshulock@arb.ca.gov
Colorado				9/1998		The Center for Climate Strategies is developing a climate action plan through a process called the Colorado Climate Project, with the goal to release recommendations for a new governor by fall 2007

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Connecticut	RGGI ⁱ	CA GHG regulation (Pavley) - Feebate study completed 12/05 - Legislative action 2006 on car labeling based on GHG emissions	- NEG/ECP ⁱⁱ - PA 04-252 (2004) requires state to meet 75% reduction by 2050 if NEG/ECP does not affirmatively adopt long term goal by 1/1/07.	2/2005	Mandatory for Title V sources beginning in 2006. - Eastern Climate Registry ⁱⁱⁱ	- Governor's Steering Committee - www.ctclimatechange.com - Chris James Chris.james@po.state.ct.us - Chris Nelson chris.nelson@po.state.ct.us
Delaware	RGGI			1/2000	Eastern Climate Registry	Valerie Gray Valerie.gray@state.de.us
Hawaii				11/1998		
Illinois				6/1994	Midwest GHG registry ^{iv}	Ron Burke Ron.burke@epa.state.il.us
Indiana					Midwest GHG registry	Jon Bates jbates@idem.in.gov
Iowa				12/1998	Midwest GHG registry	George Welch George.welch@dnr.state.ia.us
Kentucky				6/1998		
Maryland	RGGI			3/2004		
Maine	RGGI	CA GHG regulation (Pavley)	- Statute requiring state to meet NEG/ECP targets - NEG/ECP	12/2004	- Multi- pollutant reporting rule - Eastern Climate Registry	

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Massachusetts	- 310 CMR 7.29 - Six older power plants must not exceed a facility wide historical emissions cap (1997-1999 baseline) beginning calendar year 2006. Must not exceed a facility wide average emission rate of 1800lbs CO ₂ /MWh beginning calendar year 2008; this represents approx. a 10% reduction from historical rates from the six plants in the aggregate. CO ₂ emissions in excess of the cap or rate limitation may be met with GHG Credits. Rules for GHG Credits are at 310 CMR 7.00 Appendix B. - 1-3% offset from new plants	CA GHG regulation (Pavley)	NEG/ECP	2004	Eastern Climate Registry	- More information regarding 310 CMR 7.29 and GHG Credits can be found at: www.mass.gov/dep/air/laws/regulati.htm#ghg - Bill Lamkin william.lamkin@state.ma.us - Nicholas Bianco Nicholas.Bianco@Massmail.State.MA.US
Michigan					Midwest GHG registry	David Mason masondw@michigan.gov
Minnesota				2/2003	Midwest GHG	Peter Ciborowski

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					registry	Peter.ciborowski@state.mn.us
Missouri				7/2002		
Montana				By 7/2007		Governor requested formation of Climate Change Advisory Group December 2005
New Hampshire	- Three oldest power plants reduce CO ₂ emissions to 1990 levels beginning in 2007; cap and trade system. Phase II cap replaced by RGGI - RGGI		NEG/ECP	8/2002	- Voluntary reductions registry - Eastern Climate Registry	Joe Fontaine jfontaine@des.state.nh.us
New Jersey	RGGI	CA GHG regulation (Pavley)	Reduce GHG emissions 3.5% below 1990 levels by 2005	2/2002	- Requires entities that report other air emissions to the state DEP to also report CO ₂ and CH ₄ emissions - Eastern Climate Registry	- Chris Sherry Christopher.sherry @dep.state.nj.us

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New Mexico			2000 levels by 2012; 10% below 2000 levels by 2020 and 75% below by 2050	by 12/06 (old 9/02)		- Governor established-advisory group (6/05) - Southwest Climate Change Initiative - Member of Chicago Climate Exchange - www.nmclimatechange.us - Sandra Ely Sandra.Ely@state.nm.us
New York	RGGI	CA GHG regulation (Pavley)	5% below 1990 levels by 2010; 10% below 1990 levels by 2020 (economy- wide)	4/2003	Eastern Climate Registry	Franz Litz ftlitz@gw.dec.state.ny.us
North Carolina	Three reports required by Clean Smokestacks Act completed (Sept 2005). Future regulation will depend upon level of goal set by Legislative Commission on Global Climate Change (LCGCC) established by Legislature 9/2005	CA GHG emission regulations (Pavley) under consideration	LCGCC to determine if a goal and stringency - by April 15, 2008	CAP under develop- ment, complete by mid 2007	Likely, but will be impacted by goals set by LCGCC and by national legislation	LCGCC- coordinator – Tim Dodge, timd@ncleg.net Climate Action Plan (CAPAG) info at www.ncclimatechange.us Coordinator – Jim Southerland, james.southerland@ncmail.net
Ohio					Midwest GHG registry	Bill Spires Bill.spires@epa.state.oh.us

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Oregon	Any new or expanded natural gas plant >25 MW CO ₂ emissions not exceed 0.675 lbs/kwh (limit set at 17% below the best performing plant). Can offset emissions or pay \$1.35/ton CO ₂ for sequestration project	Adopted CA GHG emission regulations (Pavley)	- By 2010, arrest the growth of Oregon's GHG emissions and reduce towards meeting 1990 levels. - By 2020, achieve a 10 percent reduction below 1990 GHG levels. - By 2050, achieve a "climate stabilization" emissions level at least 75 percent below 1990 levels.	12/2004		- West Coast Governors' Global Warming Initiative - Oregon Climate Change Integration Group to build on 2004 action plan and create a new report by the end of 2007. See http://egov.oregon.gov/ENERGY/GBLWRM/CCIG.shtml - Bill Drumheller bill.drumheller@state.or.us
Pennsylvania		Adopted CA GHG emissions regulations (Pavley)			Eastern Climate Registry	
Rhode Island		CA GHG regulation (Pavley)	NEG/ECP	7/2002	Eastern Climate Registry	- plan contains 52 options to reduce GHG emissions - Steve Majkut Steve.majkut@dem.ri.gov
Tennessee				4/1999		
Utah				4/1999		

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Vermont	- RGGI	CA GHG regulation (Pavley)	- Law passed in 2006 setting targets (all from 1990 levels): 25% reduction by 1/1/2012; 50% reduction by 1/1/2028; 75% reduction by 1/1/2050 (if practical using reasonable efforts) - NEG/ECP	7/1998; new plan due by 9/1/07	Eastern Climate Registry	-Jeff Merrell jeff.merrell@state.vt.us -Harold Garabedian Harold.garabedien@state.vt.us
Washington	New power plant >25MW and existing plants that increase the production of CO ₂ emissions by 15% or more must offset 20% of CO ₂ generated by the plant over 30 years. Can satisfy requirement by investing or paying for CO ₂ mitigation at \$1.60 per metric ton)	CA GHG regulation (Pavley)		1/2005		- West Coast Governors' Global Warming Initiative - Tony Usibelli tonyu@cted.wa.gov

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Wisconsin				5/1998	- voluntary reductions registry - emissions reporting required for entities that emit 100,000 or more tons of CO ₂ - Midwest GHG registry	- Edward Jepsen (registry) edward.jepsen@wisconsin.gov - Eric Mosher (other issues) eric.mosher@dnr.state.wi.us

ⁱ RGGI - Goal is to develop a multi-state cap-and-trade program covering greenhouse gas (GHG) emissions from power plants, focused first on carbon dioxide emissions. Participating states signed an MOU in December 2005 agreeing to stabilize carbon dioxide emissions from the region's power plants at current levels from 2009 to the start of 2015 and reduce emissions by 10 percent by 2019. See www.rggi.org.

ⁱⁱ NEG/ECP - Regional goal of reducing GHG emissions to 1990 levels by 2010, 10% below 1990 levels in 2020, and by a sufficient amount to avert the threat of global warming over the longer term, which could be as much as 75%.

ⁱⁱⁱ Eastern Climate Registry – The goal of the Eastern Climate Registry is to provide a GHG emissions inventory to support state voluntary and mandatory GHG reporting programs and to provide the technical platform for state and regional climate change initiatives, such as emissions trading. It is scheduled to be operational fall 2006. See www.easternclimateregistry.us.

^{iv} Midwest GHG Registry – The five states that are members of the Lake Michigan Air Directors Consortium (LADCO) and the States of Iowa and Minnesota are exploring whether to establish a voluntary registry for GHG emissions and GHG emissions reductions. Based on discussions with interested stakeholders and the availability of funding, a decision will be made later in 2006 to establish a registry. See www.ladco.org/regional_greenhouse.htm.