

**Committee on Energy and Commerce**  
**U.S. House of Representatives**  
 Witness Disclosure Requirement - "Truth in Testimony"  
 Required by House Rule XI, Clause 2(g)

1. Your Name: <i>David Hawkins</i>		
2. Are you testifying on behalf of the Federal, or a State or local government entity?	Yes	<input checked="" type="radio"/> No
3. Are you testifying on behalf of an entity that is not a government entity?	<input checked="" type="radio"/> Yes	No
4. Other than yourself, please list which entity or entities you are representing: <i>Natural Resources Defense Council</i>		
5. Please list any Federal grants or contracts (including subgrants or subcontracts) that you or the entity you represent have received on or after October 1, 2011: <i>see attachment</i>		
6. If your answer to the question in item 3 in this form is "yes," please describe your position or representational capacity with the entity or entities you are representing: <i>Director, Climate Programs</i>		
7. If your answer to the question in item 3 is "yes," do any of the entities disclosed in item 4 have parent organizations, subsidiaries, or partnerships that you are not representing in your testimony?	Yes	<input checked="" type="radio"/> No
8. If the answer to the question in item 3 is "yes," please list any Federal grants or contracts (including subgrants or subcontracts) that were received by the entities listed under the question in item 4 on or after October 1, 2011, that exceed 10 percent of the revenue of the entities in the year received, including the source and amount of each grant or contract to be listed:		
9. Please attach your curriculum vitae to your completed disclosure form.		

Signature: 

Date: November 12, 2013

# David G. Hawkins

## **Current Position:**

2000-present  
Natural Resources Defense Council  
Director, NRDC Climate Programs

Natural Resources Defense Council  
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New York, NY 10011

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Date of Birth: July 8<sup>th</sup>, 1943

## **Professional Experience:**

1970-1971: Attorney, Stern Community Law Firm, Washington, DC

1971-1977: Attorney, Clean Air Program, Natural Resources Defense Council, Washington, DC

1977-1981: Assistant Administrator for Air, Noise, and Radiation, U.S. Environmental Protection Agency, appointed by President Jimmy Carter.

1981-1990: Co-Director NRDC Clean Air Program, Natural Resources Defense Council, Washington, DC

1990-2000: Director NRDC Air and Energy Program, Natural Resources Defense Council, Washington, DC

2000-2008: Director NRDC Climate Center, Natural Resources Defense Council, Washington, DC

2008 – present: Director NRDC Climate Programs, Natural Resources Defense Council, Washington, DC

## **Recent Professional Affiliations:**

Member, Environmental Law Institute, Board of Directors, 1988-1996

Member, U.S. EPA Clean Air Act Advisory Committee, 1990-2005

Member, Center for Clean Air Policy, Board of Directors, 1998-present

Member, Resources for the Future, Board of Directors, 2002-2011, 2013 – present

Member, Woods Hole Research Center, Board of Directors, 2008-present

Member, Advisory Council, Carbon Mitigation Initiative, Princeton University, 2000-present

Member, The National Academies, U.S. Committee on Energy Futures and Air Pollution in Urban China and the United States, 2005-2007

Member, The National Academies, Board on Energy & Environmental Systems (BEES), 2002-2008

Member, U.S. Department of Energy, Climate Change Science Program Product Development Advisory Committee, 2006-2007

Review Editor, Intergovernmental Panel on Climate Change (IPCC), “Special Report on Carbon Dioxide Capture and Storage”, 2005

Review Editor, IPCC, Fourth Assessment Report: “Climate Change 2007” (IPCC was awarded 2007 Nobel Peace Prize for this work.)

### **Education:**

B.A. English, Yale College, 1965

J.D., Columbia University School of Law, 1970

### **Recent Testimony:**

February 1995: Testimony on Regulatory Reform Legislation, Subcommittee on Commercial and Administrative Law, Committee on the Judiciary, U.S. House of Representatives

February 1995: Testimony of Regulatory Moratorium, U.S. Senate Committee on Governmental Affairs

August 1995: Testimony on Implementation of the Clean Air Act, Subcommittee on Clean Air, Wetlands, Private Property and Nuclear Safety, U.S. Senate Committee on Environment and Public Works

October 1995: Testimony on Acid Rain, Subcommittee on Energy and Power, Committee on Energy and Commerce, U.S. House of Representatives

May 1996: Testimony on Fair Warning Act, Subcommittee on Commercial and Administrative Law Committee on the Judiciary, US House of Representatives

September 1997: Testimony on “Regulatory Reform Act of 1997,” U.S. Senate Committee on Governmental Affairs

October 1997: Testimony on National Ambient Air Quality Standards, Subcommittee on Health and Environment and Subcommittee on Oversight and Investigations, Committee on Energy and Commerce, U.S. House of Representatives

May 1999: Hearing on Oxygenated Fuels (MTBE), Health and Environment Subcommittee, Committee on Energy and Commerce, U.S. House of Representatives

October 1999: Testimony on Electric-Industry Restructuring Bills, Subcommittee on Energy and Power, Committee on Commerce, U.S. House of Representatives

February 2000: Testimony on New Source Review, Subcommittee on Clean Air, Wetlands, Private Property, and Nuclear Safety, U.S. Senate Committee on Environment and Public Works

September 2000: Testimony on "Potential Energy Crisis in the Winter of 2000", Committee on Government Reform, U.S. House of Representatives

March 2001: Testimony on "Harmonizing the Clean Air Act with our Nation's Energy Policy," Subcommittee on Clean Air, Wetlands, Private Property, and Nuclear Safety, U.S. Senate Committee on Environment and Public Works

May 2001: Testimony on "The Electricity Emergency Act of 2001," Committee on Energy and Commerce, U.S. House of Representatives

May 2001: Testimony on Report of the National Energy Policy Development Group, Committee on Science, U.S. House of Representatives

July 2001: Testimony on Climate Change Mitigation Measures, U.S. Senate Committee on Commerce, Science and Transportation

July 2001: Testimony on S. 1008, the Climate Change Strategy and Technology Innovation Act of 2001, U.S. Senate Committee on Government Affairs

November 2001: Testimony on Multi-pollutant Legislation, U.S. Senate Committee on Environment and Public Works

June 2002: Testimony on S.556, the Clean Power Act, U.S. Senate Committee on Environment and Public Works

March 2005: Testimony on Coal and Global Warming, U.S. Senate Committee on Energy and Natural Resources

April 2006: Testimony on Coal Liquefaction and Gasification, U.S. Senate Committee on Energy and Natural Resources

May 2006: Testimony on Future of Federal Coal, U.S. House Subcommittee on Energy and Mineral Resources

February 2007: Testimony on Energy Research and Development, U.S. House Committee on Appropriations, Subcommittee on Energy and Water Development

March 2007: Testimony on Carbon Capture and Sequestration, U.S. House Committee on Energy and Commerce

April 2007: Testimony on Carbon Capture and Sequestration, U.S. Senate Committee on Energy and Natural Resources

June 2007: Testimony on Global Warming Issues in the Power Plant Sector, U.S. Senate Committee on Environment and Public Works

September 2007: Testimony on the Future of Coal under Carbon Cap and Trade, U.S. House Select Committee on Energy Independence and Global Warming

September 2007: Testimony on the Benefits and Challenges of Producing Liquid Fuel from Coal, U.S. House Committee on Science and Technology

November 2007: Testimony on America's Climate Security Act, U.S. Senate Committee on Environment and Public Works

April 2008: Testimony on Coal Gasification and Carbon Capture Technologies, U.S. Senate Committee on Commerce, Science and Transportation

March 2009: Testimony on the Future of Coal under Climate Legislation, Subcommittee on Energy and Environment, Committee on Energy and Commerce, U.S. House of Representatives

October 2009: Testimony on S. 1733, Clean Energy Jobs and American Power Act, Environment and Public Works Committee, U.S. Senate

December 2009: Testimony on Policy Options for Reducing Green House Gas Emissions, Energy and Natural Resources Committee, U.S. Senate

February 2011: Written Statement on Draft Legislation Repealing US EPA's Finding that Greenhouse Gases Endanger Public Health and Welfare and Repealing Clean Air Act and Certain State Authorities Relating to Greenhouse Gases, Subcommittee on Energy and Power, Committee on Energy and Commerce U.S. House of Representatives

### **Recent Speeches and Presentations:**

May 2001: "Stick it Where? Public Attitudes toward Carbon Storage", U.S. DOE, First National Conference on Carbon Sequestration, Alexandria, VA

July 2001: Panel Discussion on Energy Policy, Aspen Institute Energy Policy Forum, Aspen, CO

August 2001: Seminar on Environmental Values, Aspen Institute, Aspen, CO

January 2002: “Controlling Carbon from Electric Power”, Fifth Electric Utilities Environmental Conference, Tucson, AZ

February 2002: “Clean Air Act Developments”, Annual American Law Institute-American Bar Association Environmental Law Conference, Washington, DC

March 2002: “Environmental Community Views on Carbon Storage”, Clearwater Coal Conference, Clearwater, FL

April 2002: “Parking Carbon from Fossil Fuels”, National Academy of Engineering, Conference on Complements to Kyoto, Washington, DC

July 2002: “Clean Power Act”, National Governors’ Association Summer Meeting, Washington, DC

August 2002: “Carbon Mitigation: Delay is Not our Friend”, Electric Power Research Institute Summer Seminar

August 2002: Seminar on Environmental Values, Aspen Institute, Aspen, CO

September 2002: “Passing Gas: Policy Implications of Leakage from Geologic Carbon Storage Sites”, 6<sup>th</sup> Greenhouse Gas Technologies Conference, Kyoto, Japan

January 2003: “Carbon Mitigation: Delay Doesn’t Help”, Sixth Electric Utilities Environmental Conference, Tucson, AZ

June 2003: “Addressing Global Warming”, First Ministerial Meeting of Carbon Sequestration Leadership Forum, Washington, DC

September 2003: “Global Warming and Coal’s Future”, International Pittsburgh Coal Conference, Pittsburgh, PA

November 2003: “Global Warming: Cooperating for Success”, to Second U.S.-Peoples Republic of China Conference on Clean Energy, Washington, DC

February 2004: Speech to IEA Asia Pacific Conference on Zero Emission Technologies, Queensland, Australia

May 2004: “Key Questions for CCS”, U.S. Dept of Energy Third National Conference on Carbon Sequestration, Washington, DC

July 2004: “Coal and Climate”, Aspen Institute Energy Forum, Aspen, CO

July 2004: “Energy and Climate”, Atlantic Council U.S.-Japan Energy Policy Dialogue, Washington, DC

September 2004: “Policies to promote Carbon-less Energy Systems”, GHGT7 Conference, Vancouver, Canada

September 2004: Presentation to Second Ministerial Meeting of Carbon Sequestration Leadership Forum, Melbourne, Australia

October 2004: “Drifting Towards the Precipice”, Gasification Technologies Council Annual Meeting, Washington, DC

October 2004: “Risky Business”, JP Morgan-Chase Public Power Investment Conference, New York, NY

January 2005: Presentation to Workshop on Power Market Reforms and Global Climate Change, Stanford University, Palo Alto, CA

April 2005: “Preventing Carbon Lock-in”, 2<sup>nd</sup> Workshop on Air Pollution as Climate Forcing, Honolulu, HI,

April 2005: “Global Warming on the Brink”, National G & T Managers’ Association Spring Meeting, Pinehurst, NC

April 2005: “Global Warming on the Brink”, National Association of Manufacturers Public Affairs’ Conference, Naples, FL

May 2005: “CO<sub>2</sub> Capture and Storage: Ready, Set, Go”, U.S. Department of Energy’s Fourth Annual Conference on Carbon Capture and Storage, Alexandria, VA

August 2005: “CO<sub>2</sub> Capture and Storage: Just Do It”, Energy Modeling Forum, Climate Change Impacts and Integrated Assessment, Snowmass, CO

August 2005: “CO<sub>2</sub> Capture and Storage from Coal Power”, California Energy Commission, Committee Workshop on Clean Coal Technology and Electricity Imports, Sacramento, CA

February 2006: “Coal and Climate: Hitting the Coal Wall”, Resources for the Future, Washington, DC

April 2006: “Beyond Oil: Two Roads Diverge”, Modeling the Oil Transition, DOE/EPA Workshop on the Economic and Environmental Implications of Global Energy Transitions, Washington, DC

May 2006: “Hitting the Climate Wall,” University of California, Berkeley

June 2006: “Deployment of Large-Scale CO<sub>2</sub> Geological Storage,” GHGT8, Trondheim, Norway

August 2006: “Taming the Climate Dragon,” Public Policy Forum, Crested Butte, CO

September 2006, “Risky Business,” Morgan Stanley, New York

November 2006: “Taking Down the Wall of Denial,” Princeton University

November 2006: “Risky Business,” Power-Gen International Conference, Houston, TX

March 2007: “Hitting the Climate Wall,” Oppenheimer Asset Management Conference, Los Angeles, CA

May 2007: “Coal and Climate,” keynote speech to 6<sup>th</sup> Annual Carbon Capture and Sequestration Conference, Pittsburgh, PA

May 2007: “Taming New Coal Plants,” JP Morgan Chase, New York

May 2007: “Climate and Cement Industry,” Holcim Conference, Chiang Mai, Thailand

May 2007: “Protect the Weather, Man: Use the Way the Wind Blows,” Resources for the Future

August 2007: “Climate and Biodiversity,” Garden Club of Mount Desert, Bar Harbor, ME

September 2007: “Climate and Coal,” Sundance Mayors’ Summit on Climate Protection, Sundance, UT

October 2007: Keynote Speech to Gasification Technology Council Conference, San Francisco, CA

November 2007: “CO2 Capture and Storage,” briefing for former Vice President Al Gore, San Francisco, CA

December 2007: “Energy and Climate: Cooperating for Success,” Atlantic Council of the United States, U.S.-China Energy Security Cooperation Dialogue, Beijing, China

January 2008: “Climate Policy,” speech to U.S. House of Representatives Democratic Caucus, Williamsburg, VA

April 2008: “Climate and Coal,” presentation to Fortune Brainstorm: GREEN Conference, Pasadena, CA

April 2008: Climate policy briefing for Bill Gates, Microsoft, Redmond, WA

September 2008: “Real Solutions for Global Warming,” Purdue University, Lafayette, IN

September 2008: “Coal in the Fuel Tank,” presentation to Center for Naval Analysis, Arlington, VA

October 2008: “Carbon Capture and Disposal,” briefing for U.S. Senate staff, Washington, DC



November 2008: “Climate Legislation 101,” University of Nebraska, Lincoln, NE

**Recent Publications:**

Hawkins, D.G. (2004) “No exit: thinking about leakage from geologic carbon storage sites,” *Energy*, **29**, 1571 – 1578.

Hawkins, D.G., Lashof, D.A. and R.H. Williams (2006) “Coal and the Environment”, *Scientific American*, September 2006

Hawkins, D.G., *Oxford Companion to Global Change*, Goudie, A. and Cuff, D., eds., coal chapter, Oxford University Press (2008)

Hawkins, D.G., *Climate Change Science and Policy*, Schneider, S. and Rosencranz, A., eds. Chapter on coal policy, 2010

Hawkins, D.G., Peridas, G., Steelman, J., “Twelve Years after Sleipner: Moving CCS from Hype to Pipe,” *Proceedings of Ninth Greenhouse Gas Technologies Conference*, Energy Procedia Elsevier Ltd, 2009

Hawkins, D.G., “Clean Energy Offers Promise for Nebraska,” op-ed, *Omaha World-Herald*, Nov. 5, 2008

## **Federal Grants and Contracts NRDC has Received Over FY09 - FY12**

### **1 US EPA**

Market Based Approach Green House Gases (Clean Air Act Program)  
Award 1,150,123 (3 year)

### **2 US DOS**

Expanding DSM Practice in China Under the Asia-Pacific Partnership on Clean Development and Climates (APP) Program  
Award \$750,000 (18 months)

### **3 US DOE**

NRDC is subcontractor to Vermont Energy Investment Company to develop best practices, fact sheets, webinars and similar resources to offer ARRA grantees successful models to use as they implement their projects  
Award \$100,000 (2 1/2 year)

### **4 USDA**

NRDC is subcontractor to Sureharvest on NRCS Conservation Innovation Grant work  
Award \$205,000 (18 months)

### **5 US EPA**

Non-Construction Market-Based Approaches to Reducing Greenhouse Gas Emissions through Energy Efficiency in Residential and Commercial Buildings  
Award \$1,122,674 (3 year)

### **6 US DOE**

NRDC is subcontractor to Lawrence Berkeley National Laboratory on the U.S./China Clean Energy Resource Center—Building Energy Efficiency (CERC—BEE) project  
Award \$1,125,000 (5 year)