

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: Thomas Tanton		
2. Are you testifying on behalf of the Federal, or a State or local government entity?	Yes	No XX
3. Are you testifying on behalf of an entity that is not a government entity?	Yes XX	No
4. Other than yourself, please list which entity or entities you are representing: Energy and Environment Legal Institute		
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, 2012: NA		
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: Director of Science and Technology Assessment		
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	No XX
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, 2012, 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: NA		
9. Please attach your curriculum vitae to your completed disclosure form.		

Signature: _____



Date: 7/17/2014

Thomas Tanton

Mr. Tanton is President of T² & Associates, a firm providing consulting services to the energy and technology industries. T² & Associates are active primarily in the area of renewable energy and interconnected infrastructures, analyzing and providing advice on their impacts on energy prices, environmental quality and regional economic development. Mr. Tanton is also the Director of Science and Technology Assessment at Energy and Environmental Legal Institute and served as Policy Director at the California based Coalition of Energy Consumers.

Mr. Tanton has 40 years direct and responsible experience in energy technology and legislative interface, having been central to many of the critical legislative changes that enable technology choice and economic development at the state and federal level. Mr. Tanton is a strong proponent of free market environmentalism and consumer choice, and frequently publishes and speaks against alarmist and reactionary policies and government failures.

As the General Manager at EPRI, from 2000 to 2003, Mr. Tanton was responsible for the overall management and direction of collaborative research and development programs in electric generation technologies, integrating technology, market infrastructure, and public policy. From 2003 through 2007, Mr. Tanton was Senior Fellow and Vice President of the then Houston based Institute for Energy Research. Mr. Tanton was also a Senior Fellow in Energy Studies with the Pacific Research Institute until 2010.

Until 2000, Mr. Tanton was the Principal Policy Advisor with the California Energy Commission (CEC) in Sacramento, California. He began his career there in 1976. He developed and implemented policies and legislation on energy issues of importance to California, and U.S. and International markets, including electric industry restructuring, gasoline and natural gas supply and pricing, energy facility siting and permitting, environmental issues, power plant siting, technology development, and transportation. Mr. Tanton completed the first assessment of environmental externalities used in regulatory settings. Mr. Tanton held primary responsibility for comparative economic analysis, environmental assessment of new technologies, and the evaluation of alternatives under state and federal environmental law. Mr. Tanton served as Guest Lecturer for the Master in Environmental Science program at CSUS, lecturing on power plant and electric grid technologies and their comparative environmental impacts.

Mr. Tanton has been recognized for raising awareness of the connection of electricity to other important industries including agriculture, petroleum production, electronics, biotechnology, water supply, Internet, and finance. Mr. Tanton served as a team member of California Governor's Office task force on critical infrastructure security, coordinating with national effort lead by White House Office of Science and Technology Policy. He served as lead advisor on energy and infrastructure to California's task force on 21st Century development (and provided unique leadership relative to California's electric transmission needs), recommended positions and actions on major items before the California Energy and Public Utilities Commissions, and provided representation with external top-level management Boards, Commissions, Legislature and Congress. He has testified before several State legislatures and Congress, and provided expert witness testimony in power plant siting cases.

Significant Past Affiliations

- West Coast Region-Petroleum Technology Transfer Center (PTTC)-(University of Southern California)

- Senior Research Associate—Urban Utility Center; New York Polytechnic Institute
- US Combined Heat and Power Association—Co-Chair Pacific Southwest Region Initiative
- National Fuel Cell Research Center—University of California, Irvine—Technical Advisory Committee
- Complex Interactive Network/Systems Initiative (a Major Collaborative Project led by U.S. Department of Defense)—Technical and Policy Advisory Committees

Select Publications

Numerous presentations and testimony to Commissions and Boards nationally, including Siting and Public Utilities Commissions. In June 2012, Mr. Tanton presented invited testimony to the House Energy and Commerce Committee on the negative consequences of a national renewable fuel standard. In 2009, he testified to Congress on the inadvisability of replicating California's energy policy. He is the lead technical expert for plaintiffs in Energy and Environment Legal Institute's constitutional challenge of Colorado's renewable energy standard. He has also testified before several state legislatures and Congress and provided expert testimony in power plant siting cases. Frequently publishes in major news outlets including, for example, Los Angeles Times, San Francisco Chronicle, New York Times as well as regional and/or specialized outlets.

Reforming Net Metering: Providing a Bright and Equitable Future, for American Legislative Council, March 2014

Oil and Gas Industry Investments in Alternative Energy, Frontier Hydrocarbons and Advanced End-Use Technologies, an Update, August 2013

The Hidden Costs of Wind Electricity: Why The Full Cost Of Wind Generation Is Unlikely To Match The Cost Of Natural Gas, Coal Or Nuclear Generation, December 2012

Dig It! Rare Earth and Uranium Mining Potential in the States, ALEC, November 2012

Local Agency Financial Benefits of Proposition 23, August, 2010

An Estimate of the Economic Impact of A Cap and Trade Auction Tax On California
For AB 32 Implementation Group, March 2010, including invited testimony to California Air Resources Board

AB32 and Greenhouse Gas Emissions Laws, Ordinances, Regulations and Standards
A California Compilation and Case Studies, December 2009

An Estimate of the Jobs Impact of [CA] Senate Bill 696 [exempting SCAQMD from various CEQA requirements in issuing permits] June 2009

Natural Gas Demand Impacts from Expanded Use of Renewables in Electricity Generation, for American Petroleum Institute, July 2010

Emission Reductions Associated with U.S. Oil and Gas Industry Investments in Greenhouse Gas Mitigation Technologies, March 2010

Key Investments in Greenhouse Gas Mitigation Technologies by Energy Firms, Other Industry and the Federal Government: An Update; with Center for Energy Economics, Bureau of Economic Geology,

The University of Texas, June 2009

California's Energy Policy: A Cautionary Tale for the Nation, Competitive Enterprise Institute, April 2008

Oil and Gas Industry Investments in Alternative Energy, Frontier Hydrocarbons and Advanced End-Use Technologies; with Center for Energy Economics, Bureau of Economic Geology, The University of Texas, May 2006

Robert L. Bradley Jr. and Thomas Tanton; Motor Fuel and Natural Disasters: Don't Regulate in Energy, Environment, and Economics: A guide for State Legislators, American Legislative Exchange Council, June 2006

Tanton, Thomas; Renewable Portfolio Standards: Achieving Their Goals? American Coal; ACC; Issue 1, 2006

Tanton, Thomas; The New Future of Renewable Energy World and I Magazine; February 2003

California Energy Commission; Electricity Report 1988, 92, 94, 96, 98; Project Director and Contributing Author. The Electricity Report is California's official electricity planning and regulatory proceeding, integrating demand forecast, resource planning, environmental and economic analysis and comparison of technologies, forming the basis for approval of any power plant proposed for construction in the State.

California Energy Commission; Biennial Report 1992, 1995, Advisor and Contributing Author; The Biennial Report is California's official energy Policy Report, integrating analysis of electricity, transportation, conservation and technology R&D markets, trends and opportunities.

Technical Assessment Manual, Volume 1, Editions 1-3. 1980, 1983, 1988 Data base of economic, environmental and performance characteristics of generation, power delivery and conservation technologies.

Energy Development Report 1994 California's Primary R&D policy report to the State Legislature

Thomas Tanton, Mark Thayer, et.al. Air Quality Valuation Model; 1994. The air quality valuation model is a regulatorily accepted model to determine economic values for various air pollution emissions (restricted to California) based on damage function analysis: this publication also included submitted testimony.

Thomas Tanton; Vessel Traffic Safety Analysis of the Point Conception Liquefied Natural Gas Facility 1978

Tanton, Thomas, Analysis of Alternatives to the (proposed) Montezuma Coal Fired Power Plant (Testimony submitted in compliance with California Environmental Quality Act)

Tanton, Thomas, and Prabunam Singh Khalsa, Analysis of Alternatives to the (proposed) "Cal-Coal" Power Plant (Testimony submitted in compliance with California Environmental Quality Act)

Education

B.S. Chemistry, 1972, California State University, San Diego