Committee on Energy and Commerce
U.S. House of Representatives

Witness Disclosure Requirement - "Truth in Testimony"
Required by House Rule XI, Clause 2(g)(5)

1. Your Name: **Bryan Hannegan**		
2. Your Title: **President and Chief Executive Officer**		
3. The Entity(ies) You are Representing: **Holy Cross Energy**		
4. Are you testifying on behalf of the Federal, or a State or local government entity?	**Yes**	**No** **X**
5. Please list any Federal grants or contracts, or contracts or payments originating with a foreign government, that you or the entity(ies) you represent have received on or after January 1, 2015. Only grants, contracts, or payments related to the subject matter of the hearing must be listed. **None applicable.**		
6. Please attach your curriculum vitae to your completed disclosure form.		

Signature: **/s/ Bryan Hannegan** **Date:** **9/24/17**

BRYAN J. HANNEGAN, PH.D.

[redacted]

Senior energy and environment executive with deep technical knowledge of electric, thermal, fuel and water systems; strategic thinker with strong communications and public policy background; successful leader growing business and managing teams.

EXPERIENCE

Holy Cross Energy
Glenwood Springs, CO
President and Chief Executive Officer (7/2017 – present)

- Provided executive leadership and management for a member-owned, not-for-profit electric cooperative utility providing electricity and energy products and services to more than 55,000 consumers in Western Colorado.
- Supervised 160 employees with seven direct reports including Vice Presidents directing the functions of engineering, finance, human resources, power supply and contracts, information technology, and operations.

National Renewable Energy Laboratory
Golden, CO
Associate Laboratory Director, Energy Systems Integration (6/2013 – 7/2017)

- Founded a new division within an existing Department of Energy (DOE) national laboratory focused on integration and optimization of devices and infrastructures across electricity, thermal, fuel, water and wastewater sectors.
- Successfully commissioned the Energy Systems Integration Facility (ESIF), a 185,000 sq. ft. LEED Platinum multi-purpose research facility focused on integration of distributed energy efficiency and renewable energy technologies.
- Grew total revenues from zero to ~$60M over three years (2014-16), securing DOE funding for facility operations, directed research, and competitive awards.
- Established 100+ industry partnership agreements with leading conventional and emerging energy and water companies, yielding $15M+ in new revenue.
- Led collaborative multi-laboratory development and initial execution of new U.S. DOE Grid Modernization Initiative, a $220 million, three-year R&D program of 88 coordinated research projects for clean, reliable, affordable energy grids.

Electric Power Research Institute
Palo Alto, CA
Vice President, Environment and Renewable Energy (1/2010 – 6/2013)

- Sustained a $45M environmental research program through an economic downturn, expanding market share and rotating research product offerings.
- Delivered several Environment research projects with CEO-level visibility and significant impact on Federal/State regulatory processes (air pollution, coal ash, fish protection, water resources, and energy/climate policy analysis).
- Created cross-functional teams on Renewable Energy and Water Resource Management, and catalyzed research roadmaps and business plans for each.
- Initiated a new Renewable Energy division, establishing EPRI as a thought leader in the field and growing annual revenue from $5M to $20M+.

Vice President, Environment and Generation (1/2008 – 1/2010)

- Managed the execution and delivery of research projects, provided oversight on financial and membership development activities, and coordinated the efforts of a 115-person staff with a combined budget approaching $130M.
- Provided strategic direction and developed new business opportunities efforts resulting in 20% net revenue increases over two years, including a new $10M+ advanced fossil generation demonstration project effort.
- Promoted EPRI's work through numerous CEO-level briefings to member electric companies and related conferences, testimony before Congress, and major media and energy trade publication interviews and articles.

Director/Vice President, Environment (9/2006 – 1/2008)

- Led an Institute-wide assessment of the technical potential for CO_2 emissions reductions from the U.S. electric power sector, which became the basis for the Institute's thought leadership in energy and environmental issues.
- Grew revenues by 10% following promotion to Vice President in January 2007.

The White House
Washington, DC
Chief of Staff, Council on Environmental Quality (8/2005 - 4/2006)

- Managed the efforts of a 24-person staff to work closely with Federal agencies and other White House offices in the development of environmental policies and initiatives, and to provide dispute resolution and policy guidance.
- Responsible for $2.5 million budget, personnel actions, coordination, and overall issue management.

- Held primary responsibility for execution of Presidential policy initiatives in several environmental areas (air, land, water, ecosystems, climate change).

Special Assistant to the President for Economic Policy (Acting) (3/2005 - 4/2006)

- Served as primary policy advisor to the President on domestic energy policy issues, and as deputy environmental policy advisor to the President.
- Wrote memoranda on specific energy and environment topics, provided policy briefings to the President, Vice President, and senior staff, and assisted in planning and execution of numerous energy-related Presidential events.
- Chaired White House-led interagency policy development processes to address specific issues as identified by President and senior staff.
- Played primary role in development, writing and execution of the President's *Advanced Energy Initiative.* Authored text for 2006 State of the Union Address.
- Coordinated Federal interagency efforts to enact and implement national energy policy legislation, including policy development, communications, and formulation of legislative strategy during House, Senate and conference committee actions in the 109th Congress.

Associate Director for Energy and Transportation (5/2003 - 8/2005)

- Principal staff member for coordination of Federal environmental efforts in the areas of energy, climate change (science and technology), and transportation.
- Coordinated activities of two Executive task forces to improve Federal environmental review processes for electric transmission and liquid fuel pipelines under the National Environmental Policy Act (NEPA) and other Federal laws.
- Reviewed Federal agency testimony, policy statements and proposed legislation to ensure conformity with Administration policies.
- Served as White House liaison to interagency Climate Change Science Program and Climate Change Technology Program, and provided oversight on management of Federal climate change programs totaling $7 billion annually.
- Represented the U.S. Government at international energy and climate meetings, including G-8, UNFCCC, and EU-US bilateral negotiations.

The George Washington University
Washington, DC
Assistant Professorial Lecturer, Department of Geography (8/2004 – 12/2006)

- Independently taught undergraduate courses in Weather and Climate (GEOG 108) and Energy Resources (GEOG 134) for non-science majors.
- Developed course curriculum and delivered original course lectures and exercises, held office hours for tutoring of students, wrote, proctored and graded homework assignments and examinations.

- Designed group projects to encourage student collaboration, including weekly computer-aided lab sessions using real-time meteorological data (Weather) and in-depth analysis of the economy of various countries of the world (Energy).

United States Senate
Washington, DC
Staff Scientist, Committee on Energy and Natural Resources (9/1999 - 5/2003)

- Principal staff member for national energy policy, energy efficiency, alternative fuels, renewable energy, climate change, and oversight of Department of Energy R&D and scientific research.
- Drafted and developed legislation on climate change and national energy policy. Served on management team for Committee markup, Senate floor debate, and conference committee on energy legislation during 107th and 108th Congresses.
- Organized more than 30 oversight and legislative hearings for the Committee on a variety of energy-related topics.

National Association of Graduate-Professional Students
Washington, DC
President and CEO (10/1996 - 11/1998)

- Elected by membership to two terms as President of an educational non-profit association of nearly 2 million members, providing executive leadership, strategic planning, and human resource management.
- Increased budget by 300% and increased membership by 25% during tenure.
- Directed national grassroots advocacy program on issues of importance, including successful campaign to preserve tax exemption for teaching and research assistant salaries and to gain new tax incentives for higher education expenses as part of the Taxpayer Relief Act of 1997.

EDUCATION

University of California, Irvine
Doctor of Philosophy, Earth System Science (2000)
Dissertation: Studies of Atmospheric Trace Gases Using an Improved Three-Dimensional Global Chemistry Transport Model
Master of Science, Mechanical and Aerospace Engineering (1994)
specializing in fluid mechanics, turbulence, reacting flows

University of Oklahoma
Bachelor of Science, Meteorology (1992)

SELECTED AWARDS AND PUBLIC SERVICE ACTIVITIES

- American Meteorological Society Renewable Energy Committee, 2017 – present
- California Council on Science and Technology, 2011 – present.
- IEA Renewable Energy Industry Advisory Board, 2011 – present.
- UC Irvine Top 50 Graduate and Postdoctoral Scholar Alumni Honoree, 2016.
- NYSERDA Grid Modernization Advisory Committee, 2016 – 2017.
- American Meteorological Society Board on Global Strategies, 2013 – 2017.
- Elected Director, Coastside County Water District, 2011 – 2013.
- American Geophysical Union Committee on Public Affairs, 2001 – 2003.
- Outstanding Student Paper, Space Physics & Aeronomy, American Geophysical Union Meeting, Spring 1998.

Current member of several scientific societies, including the American Meteorological Society, American Geophysical Union, and the IEEE Power and Energy Society.