

KAREN G. WAYLAND, PH.D.

EXPERIENCE

Current Affiliations

- Board of Directors, Center for Sustainable Energy
- Ambassador to U.S. Department of Energy *Equity in Energy* Initiative
- Distinguished Associate, Energy Futures Initiative
- Nonresident Senior Fellow, Boston University Institute for Sustainable Energy
- National Advisory Council, National Test Site Historical Foundation for Smithsonian-affiliated National Atomic Testing Museum

Chief Executive Officer, *GridWise Alliance*

3/21-present

Policy Advisor

2/20-present

Work with Board of Directors in the development and implementation of strategies to advance the vision, mission and goals of the Alliance. Coordinate activities of the Alliance, including efforts to maintain and grow membership of the Alliance and to ensure annual strategic plan is implemented. Serve as the organizations' chief spokesperson and subject matter expert on issues related to the evolution and modernization of the electric grid. Initiate and maintain strategic alliances with other organizations that will advance the vision, mission and goals of the Alliance. Oversee communication of key Alliance messages and policy positions to federal and state legislators, federal and state regulators, and other parties.

Principal, *kW Energy Strategies, LLC*

10/18-present

Provide strategic consulting on policy development, coalition building, stakeholder engagement and communications for clients, with a focus on grid modernization, including:

Pepco Holdings: provide strategic counsel on climate and grid modernization policy and stakeholder engagement.

Sierra Nevada Corporation: advise space and defense company's introduction of cyber technology into the electricity utility sector; co-authored paper on cyber threats and technology for state regulators to be published this spring by NARUC's National Regulatory Research Institute.

Executive Director, *Clean Energy Project*

5/17-10/18

Managed a non-profit organization promoting the economic benefits of clean energy and mobilizing the business voice in support of policy. Oversaw all aspects of the production of the National Clean Energy Summit 9.0, including program development, speaker recruitment, communications and vendor management. Raised over \$600,000 from foundations and corporate sponsors in six months. Partnered with national groups to convene workshops and release reports on clean energy jobs and economic development. Invested in improved stakeholder engagement and social media platforms, including membership database and websites. Invited speaker at Aspen Institute, VERGE, GE Minds & Machines, The Conference Board and other venues. Managed board relations, including recruiting a new chair.

Deputy Director, Energy Policy and Systems Analysis

8/13-1/17

Senior Advisor to the Deputy Secretary for Domestic Energy Policy

6/16-1/17

U.S. Department of Energy

Served as political appointee and Senior Executive Service (SES). Established 14-person team within new policy office reporting directly to Secretary of Energy Ernest Moniz to develop and implement strategies for DOE's work with states, local authorities, and tribes. Served on leadership team for Obama Administration's Quadrennial Energy Review (QER), overseeing development of major themes, analytical work, writing teams, and recommendations for national policy recommendations. Primary author of the "Modernizing the Grid" chapter and policy recommendations in the first QER installment and the "Maximizing Economic Value and Consumer Equity" and "The Electricity Sector Workforce: Changing Needs, New Opportunities" chapters in the second QER installment. Led Administration's national stakeholder engagement process, including coordinating public meetings around the country chaired by White House and Cabinet-level officials, to gather QER stakeholder input. Served on the launch team for Mission Innovation, a Presidential initiative with 20 countries to double clean energy R&D investment. Managed \$4.2 million in funding for analyses and reports on state policies for climate and

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energy, resilience, cybersecurity, electricity rate design, technology-based economic development, and innovative energy financing, and for conducting outreach. Promoted DOE priorities and resources to external stakeholders, including over 70 public speaking engagements around the U.S. Held Q-level Security Clearance. Received Secretary's Distinguished Service Award.

Principal, *Wayland Strategies*

10/11-8/13

Provided strategic consulting on policy development, project management, communications strategy and coalition building. Clients included Natural Resources Defense Council and Corridor Partners.

Senior Policy Advisor, *Speaker of the House Nancy Pelosi*

2/09-3/11

Implemented Speaker's legislative agenda for national energy and environment policy. Negotiated legislation, including energy, water, oil spill response, appropriations, and the Waxman-Markey climate bill, with Members and committee staff. Planned domestic and international congressional delegations, including trips to China, Canada, and the United Nations climate negotiations in Copenhagen, the largest "CODEL" in the history of the House of Representatives. Prepared Speaker for press briefings, public events, and meetings. Provided guidance to Members on House floor during votes. Followed federal agency activities and maintained strong relationships with Senate leadership and committees. Coordinated response for House and Senate leadership on 2010 BP oil spill. Led outreach to national environmental community and energy trade associations. Engaged in frequent public speaking. Named by *Roll Call* magazine as one of "Top Ten Energy Staffers to Know."

Adjunct Professor, *Georgetown University*

1/06-06/12

Environmental Scholar, *Science in the Public Interest Program*

Taught "Shaping National Science Policy" seminar for graduate and undergraduate students.

Legislative Director, *Natural Resources Defense Council*

1/03-2/09

Coordinated federal legislative agenda of a 400-person advocacy organization. Advised CEO and programs on legislative strategy and served as primary liaison between Capitol Hill and NRDC staff. Managed staff of 6 and oversaw additional 10 to 15 advocates from NRDC programs. Developed issue advocacy campaigns and managed legal compliance issues for associated Action Fund activities. Briefed donors on Congressional activity and led lobby trips for board members, affiliate groups, and business leaders. Co-chaired environmental community's Climate and Energy team for two years; chaired environmental community's Energy Strategy team for 3 years. Served on steering committee for \$5.6 million campaign to target key decision-makers on energy and climate change legislation. Extensive interactions with media, including regular appearances as a commentator on major TV and radio news programs. From 1/03-12/03, served as legislative advocate on a range of environmental issues.

AAAS Congressional Science Fellow, *Office of U.S. Senator Harry Reid*

9/01-12/02

Competitively selected for fellowship, sponsored by the American Geophysical Union. Advised Senate Majority Whip on energy, water resources, nuclear waste, and Native American issues. Served as Senator Reid's designee to the Select Committee on Indian Affairs.

Program Manager, *Earth and Marine Sciences, Earthwatch*

6/94 - 2/96

Administered over 60 international research projects and controlled annual budget of \$1.2 million for nonprofit scientific research organization. Developed and evaluated proposals for new research. Coordinated peer review of research. Negotiated financial and contractual issues. Directed marketing and outreach initiatives.

EDUCATION

Dual Ph.D., *Environmental Geosciences and Resource Development, 2001*

Michigan State University, Lansing, MI

2018 recipient of the Bergquist Medal for Outstanding Achievements by Alumni

2014 recipient of College of Natural Science Recent Alumni Award

M.S., *Natural Resources Management and Engineering, 1995*

B.A., *Economics, 1988*

The University of Connecticut, Storrs, CT