Board Decision

Elect Jeff King to the Energy Trust Board of Directors

February 9, 2011

Summary

Elect Jeff King to a three-year term on the Energy Trust Board of Directors.

Background

Al Jubitz was elected to the Energy Trust board in April 2005, re-elected to a new three year term beginning February 2008, and notified the Board President earlier this year that he would not seek an additional term. His three-year term expires February 2011.

The Nominating Committee nominates Jeff King to serve in this position. Highlights of his background (full resume is attached):

- Mr. King has just retired as Senior Resource Analyst for the Northwest Power and Conservation Council. In that position, he was responsible for assessing the commercial availability, performance, economics, development potential and issues associated with development and operation of existing and emerging electric power generating resources in the Pacific Northwest. The Council uses this information to prepare its widely-respected Power Plan. Mr. King's information is also widely used by utilities, agencies and others.
- Mr. King is also responsible for developing the Council's forecast of wholesale electric power prices, and as Power Council co-manager of the Northwest Wind Integration Forum.
- During 2008 – 2010, he was Chief Planner, National Energy Development Framework Project for the State Of Eritrea.

Recommendation

Elect Jeff King to the Energy Trust board for a three-year term, by adopting the resolution below.

RESOLUTION 576
ELECTING JEFF KING TO THE ENERGY TRUST BOARD OF DIRECTORS

WHEREAS:

1. **Al Jubitz is not seeking to renew his term on the Energy Trust board, which expires in February, 2011.**
2. **The board nominating committee has reviewed candidates for the open board seat and recommends Jeff King, most recently the Senior Resource Analyst for the Northwest Power and Conservation Council.**

It is therefore RESOLVED:

That the Energy Trust of Oregon, Inc., Board of Directors elects Jeff King to a three-year term on the Energy Trust Board of Directors, until February, 2014.

Moved by: Seconded by:

Vote: In favor: Abstained:

Opposed: [list name(s) and, if requested, reason for "no" vote]

JEFFREY C. KING

September 2010

EMPLOYMENT

1984 - Present: Senior Resource Analyst, Northwest Power Planning Council, Portland, Oregon. Responsible for assessing the commercial availability, performance, economics, development potential and issues associated with development and operation of existing and emerging electric power generating resources in the Pacific Northwest. This information is used by the Council for preparing its Northwest Conservation and Electric Power Plan. Information developed by Mr. King is widely employed by utilities, agencies and others outside the Council.

Mr. King is also responsible for developing the Council's forecast of wholesale electric power prices. These forecasts are developed using the AURORAxmp® Electric Market Model, a proprietary model of the western electric power system. These forecasts are used to estimate the cost-effectiveness of energy-efficiency measures and generating resources. The model is also used to assess the CO2 production and other effects of regulations and policies affecting the power system.

Mr King's activities involve the assessment and analysis, operation of complex computer models, preparation of issue papers, organization and chairing of advisory committees, administration of contracts, presentations to the Council and interested organizations, and work with utilities, government agencies, research organizations, resource developers and public interest groups, including representing the Power Council on the Energy Trust of Oregon Renewable Energy Advisory Council.

Mr. King serves as the Power Council co-manager of the Northwest Wind Integration Forum. In response to increasing concerns regarding the continued ability to integrate wind power into the Northwest Power System, Mr. King and the co-manager, Elliot Mainzer of the Bonneville Power Administration, in 2006 organized a Policy Steering Committee, comprised of utility, agency and developer representatives and a Technical Work Group consisting of six subcommittees, addressing various facets of wind integration. These groups produced a Northwest Wind Integration Action Plan. The action plan describes issues related to the integration of wind power into the Northwest power system and recommends a sixteen-point action plan for resolving these issues. The Wind Integration Forum Policy Steering Committee and its Technical Work Group continue to meet annually to review progress and identify additional actions needing attention. In the three years since release of the Wind Integration Action Plan, fourteen of the sixteen original actions have been completed or have seen significant progress towards resolution.

2008 - 2010: Chief Planner, National Energy Development Framework Project, State Of Eritrea: Mr. King served as the chief planner for preparation of a 20-year energy development framework and five-year action plan for the State of Eritrea. The framework presents a vision for a future energy supply system for Eritrea to support an adequate, reliable, affordable, and sustainable energy supply for rural and urban areas, transportation, and prospective mineral extraction, water resource, port and tourism development. In the role of chief planner, Mr. King fashioned the contributions of specialists in various energy resources into a coherent description of Eritrean energy resource potential, formulated goals and objectives in response to concepts provided by the State of Eritrea, and lead the development of a proposed Eritrean energy future, action plan and framework for implementation.

1983 - 1984: Staff Engineer, Energy Systems Department, Battelle, Pacific Northwest Laboratories, Richland, Washington: Managed research projects concerning energy technology and policy. These included assessment of the economics of expanding bulk coal-fired electricity generation in the western United States and assessment of the value of the Pacific Northwest aluminum industry.

1974 - 1983: Senior Research Engineer, Energy Systems Department, Battelle, Pacific Northwest Laboratories, Richland, Washington: Managed and contributed to projects involving assessment of the economic and environmental aspects of electric power conservation and supply resources and application of decision analysis techniques to energy policy and technology issues. Projects included the first assessment of conservation and generating resources for the newly-formed Northwest Power Planning Council, assessment of generating resource alternatives for the State of Alaska, assessment of decommissioning costs and priorities for retired nuclear facilities and analysis of high-level nuclear waste disposal alternatives.

1964 - 1970: Test Engineer, Nuclear Power Division, Puget Sound Naval Shipyard, Bremerton, Washington: Responsible for the planning and execution of procedures for the overhaul, refueling and decontamination of naval nuclear power plants.

EDUCATION

Bachelor of Science in Mechanical Engineering, University of Washington, Seattle, Washington. 1964.

Graduate Studies, Zoology, University of Washington, Seattle, Washington. (1970-1972).

Graduate Studies, Regional Planning, University of Pennsylvania, Philadelphia, Pennsylvania. (1972-1974).

RECENT PUBLICATIONS

Sixth Northwest Conservation and Electric Power Plan (Document 2010-09). Chapter 2 – Key Assumptions (Contributing author), Chapter 6 -Generating Resources and Energy Storage Technologies, Appendix D - Wholesale Electricity Price Forecast, Appendix I - Generating Resources. Northwest Power and Conservation Council. Portland, Oregon. January 2010.

National Energy Development Framework - Part I. Prepared for State of Eritrea, Ministry of National Development. Asmara, Eritrea. April 2009.

Carbon Dioxide Footprint of the Northwest Power System (Document 2007-15). Northwest Power and Conservation Council. Portland, Oregon. November 2007.

Pacific Northwest Wind Integration Action Plan (WIF 2007-15). Northwest Wind Integration Forum. Portland, Oregon. March 2007.

SELECTED PRESENTATIONS

The Northwest Electric Power System and Sixth Northwest Conservation and Electric Power Plan. World Affairs Council of Oregon Community Connections Program, Ukraine Delegation. Portland, Oregon. July 2010.

The Sixth Northwest Conservation and Electric Power Plan. Affiliated Tribes of Northwest Indians, Northwest Native Energy Conference and Training. Kah-nee-tah High Desert Resort and Casino, Warm Springs, Oregon. June 2010.

Effects of Renewable Energy Development on Rural Areas. The 44th Pacific Northwest Regional Economic Conference. Missoula, Montana. May 2010.

Pacific Northwest Wind Power Development. Hood River Wind Forum. Hood River, Oregon. May 2010.

Unbundled Renewable Energy Credits: Issues from the Northwest Perspective. Washington State Senate Committee on Environment, Water and Energy. Olympia, Washington. December, 2009.

Northwest Power System Options for Reducing CO2 Production. Washington PUD Association. Cle Elum, Washington. April 2009.

Economics of Electric Power Generating Alternatives. Annual Lecture to Energy Economics class, Portland State University, Portland, Oregon. February 2009 and earlier years.

Where Does Wind Power fit into the Northwest Energy Picture? The Rush to Renewable Energy. The Dalles, Oregon. February, 2009.

The CO2 Footprint of the Northwest Power System. Joint Board WIRAB/CREPC Workshop on Assessments. San Diego, California. April, 2008