

Summary Minutes of the

U.S. Department of Energy (DOE)
Secretary of Energy Advisory Board
Public Meeting

Committee Members: John Deutch, Co-Chair; Persis Drell, Co-Chair; Brent Scowcroft; Ram Shenoy; Cherry Murray; Shirley Jackson; Dan Reicher; Martha Schlicher; Rafael Bras; Albert Carnesale; Steve Koonin; Dan Yergin; Carmichael Roberts; Deborah Jin; Paul Joskow; Richard Meserve

Date and Time: 8:00 AM- 12:00 PM, September 13, 2013

Location: Department of Energy Forrestal Building, 1000 Independence Avenue, SW, Washington, DC 20585

Purpose: Meeting of the Secretary of Energy Advisory Board (SEAB)

SEAB Staff: Amy Bodette, Designated Federal Officer; Mackenzie Huffman, Deputy Designated Federal Officer

DOE Staff: Secretary Ernest Moniz; Deputy Secretary Daniel Poneman; Senior Advisor Dimitri Kusnezov; Chief of Staff Kevin Knobloch; Deputy Chief of Staff Jonathan Levy; Acting Director of Science Pat Dehmer; Senior Advisor Steve Binkley; EPSA Director Melanie Kenderdine; Deputy Director of EPSA and Deputy Assistant Secretary for Climate Jonathan Pershing

Meeting Summary

This meeting was the inaugural meeting of the new membership of the Secretary of Energy Advisory Board (SEAB). SEAB members heard opening remarks by Secretary Moniz and the Co-Chairs John Deutch and Persis Drell. The first agenda item was the charge from the Secretary to the Board to form two task forces. The first task force is charged with reviewing DOE's funding constructs. The second is charged to advise the Quadrennial Energy Review project. The next agenda item was a presentation by Steve Binkley and Senior Advisor Dimitri Kusnezov on Exascale Computing, a potential topic for a future task force. Following the presentation, Chief of Staff Kevin Knobloch, EPSA Director Melanie Kenderdine, and Deputy Director of EPSA Jonathan Pershing gave a presentation on the President's Climate Action Plan. Following public comment, the meeting was adjourned.

Opening of Public Meeting

Secretary Moniz opened the meeting with introductory remarks highlighting a few of the major responsibilities of DOE and outlined the way in which the Departmental reorganization will help to strengthen DOE's mission. The core mission areas of the Department of Energy closely align with Administration priorities, including the President's Climate Action Plan. SEAB will have four subcommittees that reflect DOE's mission areas: Energy, Science, Nuclear Security and Environmental

Stewardship, but will also strive to be cross-cutting. The Secretary expects SEAB to meet quarterly and will rotate locations between DOE Headquarters in DC and Laboratories.

Discussion of Charges to Board

Shirley Jackson spoke on behalf of Cherry Murray, the chair of the proposed Task Force to Support the Evaluation of the New Funding Constructs for Energy Research and Development (R&D). She outlined the scope of the proposed Task Force by identifying the questions the Task Force will set out to answer. She noted the Task Force will ask if there are gaps in the DOE approach; is DOE effectively drawing on all of its resources, including industrial and academic relationships and connections; is the current management and funding mechanism suite proving effecting; are they complimentary; what are the successes and challenges facing the mechanisms. She also noted that the Task Force will look at the development of guidelines for each of the funding mechanisms. The Task Force will present a report SEAB in March, 2014.

Paul Joskow opened the discussion of the proposed Task Force on the QER. He emphasized that the President has requested the QER to be conducted by 2014. The QER will focus on energy infrastructure and the interdependencies around infrastructures. Joskow outlined the aim of the proposed Task Force as providing a sounding board for the QER team to help in defining the scope and issues of the project. SEAB members emphasized that state and local are a key component. The QER task force will strive to have an interim report in December 2013.

Presentation on Exascale

Dimitri Kusnezov, Senior Advisor to the Secretary and Steve Binkley, Senior Advisor to the Office of Science, gave a presentation on the need for the Department of Energy to maintain leadership in high performance computing. They outlined the need for exascale capability and the challenges to achieve next generation high performance computing capabilities. The presentation is available at www.energy.gov/seab. SEAB members believed that they needed more information on the topic before pursuing a task force. SEAB members will conduct a fact finding mission and give a report at the December meeting.

Presentation on Climate Action Plan

Dr. Jonathan Pershing, Deputy Assistant Secretary for Climate Change, gave a presentation on the Department of Energy's role in implementing the President's Climate Action Plan. The main components of the plan are to cut carbon pollution in America; prepare the US for the impacts of climate change; and lead international efforts to address global climate change. Dr. Pershing addressed the progress toward each of the goals. He also offered suggestions of how SEAB can be helpful to the effort. His presentation can be found at www.energy.gov/seab.

Public Comment

Jim Colgary spoke on behalf of the Nuclear Energy Institute (NEI). NEI appreciates all the work the past Committee has done on SMRs and encouraged the current Committee to continue that work. He emphasized that more needs to be done on building and design and encouraged an all-government strategy for action that looks to what the Department of Defense has done with long-term Power Purchase Agreements. NEI's full comments are available at www.energy.gov/seab.

No additional public comment.
Meeting adjourned.

Chair Wrap-Up

Co-Chair Persis Drell adjourned the meeting and noted that the next meeting would take place on December 3, 2013.

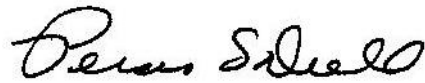
Respectfully Submitted:

Amy Bodette
Designated Federal Officer

I hereby certify that these minutes of the September 13, 2013, SEAB meeting are true and correct to the best of my knowledge.



John Deutch
Co-Chair



Persis Drell
Co-Chair