

SENATE SELECT COMMITTEE ON CLIMATE CHANGE & AB 32 IMPLEMENTATION

Water-Energy Nexus: How Can It Help Us Achieve Our Greenhouse Gas Emissions Objectives In 2020, 2030 and 2050?

*“Leveraging Public Investment, Increasing Interagency Coordination, and
Advancing Innovation to Reduce Climate Pollution in the Water-Energy Nexus”*

Friday, March 20, 2015 at 10 AM
Board Room, Las Virgenes Municipal Water District
4232 Las Virgenes Rd., Calabasas, CA

Format: Roundtable Discussion

Opening Remarks and Introductions

- Attendees will participate in a moderated discussion on the following topics:

Defining the Water-Energy Nexus

- *What is the Water-Energy Nexus?*
 - o Does a project really need to reduce overall water demand to reduce energy-related emissions associated with supplying that water?
 - o What are the most accurate and efficient models for calculating the embedded greenhouse gas emissions in our water system currently being used or developed?

A Look Back at Successes and Failures

- *Project Selection*
 - o Where have there already been demonstrated successes in reducing emissions from water-energy related projects, technologies or practices?
 - o Where has water project selection failed to take into account energy and related emissions?
 - o How have monies appropriated from the Greenhouse Gas Reduction Fund for water-energy related projects been expended thus far?
- *Governance and Planning*
 - o How are state agencies and water agencies currently coordinating greenhouse gas reduction and water planning and project selection?
 - o What are some of the best practices being adopted at the regional and local level at integrating greenhouse gas and water planning?

Future Opportunities

- What kinds of water projects could future expenditures target with significant emissions reduction potential (e.g. water recycling and direct potable reuse, stormwater capture, groundwater cleanup, wastewater treatment facility retrofits, groundwater pumping retrofits, etc.)?

Next Steps

Closing Remarks - Future Opportunities for Policy Bills & Associated Budget Actions