

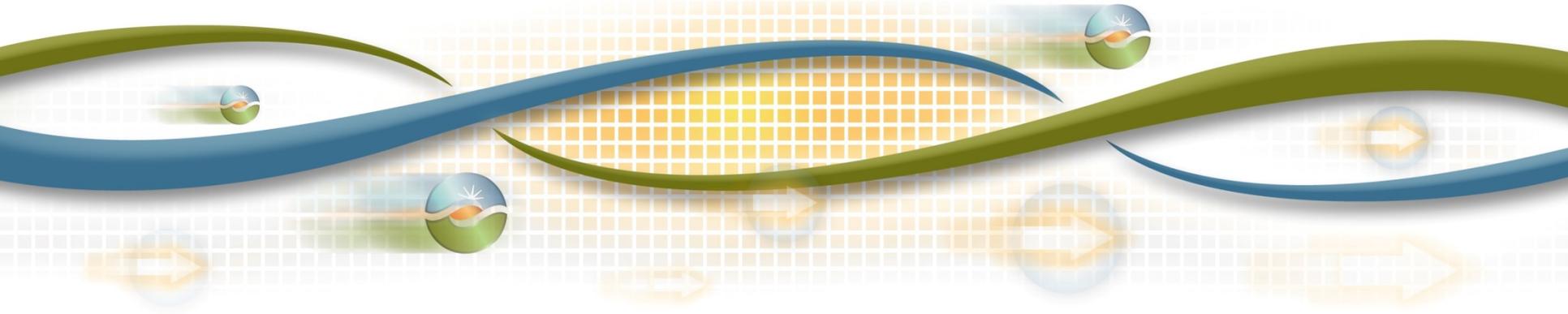


California ISO  
Shaping a Renewed Future

# Gas and Electric Coordination - An Overview

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# History

- February 2011 cold weather event
- February 2012, FERC issues notice soliciting comments on aspects of gas/electric coordination
- 79 entities responded
- Issues varied by region

# FERC Priority

“This is one of the more pressing issues in our country. “

*Commissioner Moeller, testifying before U.S. House Subcommittee on Energy and Power, Mar. 19, 2013, referring to the convergence of the natural gas and electric industries.*

FERC has devoted enormous staff resources to try to deal with the issue:

- 5 regional technical conferences in Aug. 2012
- Feb. 13, 2013 tech conf. in D.C. (Information sharing, especially in emergency situations)
- Apr. 25, 2013 technical conference in D.C. (scheduling)
- Staff quarterly reports on regional gas-electric coordination activities : 1st report Mar. 21, 2013
- May 16 & 17, 2013 RTO/ISO hearings

# West Priority

- Western Interstate Energy Board (WIEB)
- Working group created to assess infrastructure
- CEC/CPUC involved, along with CA businesses

# California Focus

- In general, CA is well ahead of the country

## CAISO -

- Shares information pursuant to non-disclosure agreements
- Sends daily estimated gas burn profiles to pipeline companies
- Quarterly meetings to discuss outage impacts

# FERC Observations

- Per the FERC staff report on Gas-Electric Coordination dated November 12, 2012:

“Industry participants at multiple technical conferences expressed a desire for inter-industry communication of the sort currently engaged in by CAISO...”

“The CAISO tariff provisions and non-disclosure agreement serve as an example to other electric transmission operators seeking to implement communication protocols with natural gas pipelines.”

# Final Observations

- Ongoing process
- Focus is on future system changes