



# Briefing on Aliso Canyon Gas-Electric Coordination Phase 2

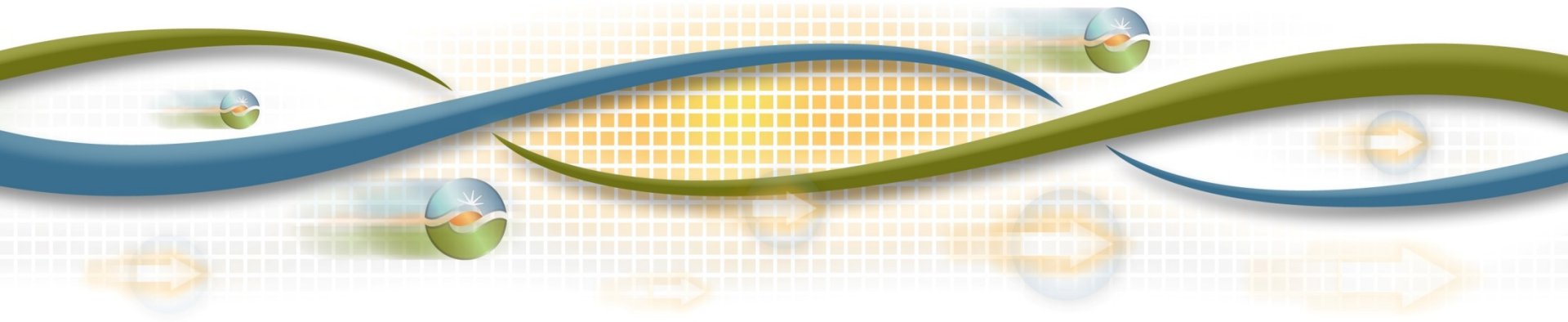
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EIM Governing Body Meeting

General Session

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Management proposes to extend many of the temporary operational tools and market mechanisms implemented this summer to mitigate ongoing reliability risks

Key findings of winter reliability assessment:

- Risk of gas imbalances from non-core electric generators not the primary driver of winter risks
- Demand flips from non-core generators to core customers → core uses 60% of gas supply
- Non-core generators would be first curtailed when on-system gas is needed to meet core demand
- Electricity demand lower in winter; more flexibility to shift generation to resources outside the SoCalGas area

# Proposal for temporary operational tools designed to improve ISO's ability to manage operations

Ability to reserve internal transfer capability into Southern California

**Retire**

- Mitigation measure – Can reduce CRR amounts in monthly auction

Ability to enforce gas constraints for either capacity or imbalance limitations

**Extend,  
refine**

- Mitigation measure – Can override its assessment of competitive paths
- Mitigation measure – Can suspend virtual bidding for market inefficiencies

# Proposal for temporary market changes to improve suppliers' ability to manage assets

Publish 2 day-ahead (TD-2) RUC schedules to Scheduling Coordinators

**Extend**

Improve DAM gas price index using an approximation of next day gas index

**Extend**

Adjust the RTM gas price index to include a scalar on the next day gas index

**Extend**

Include in after-the-fact cost recovery filing right opportunity to seek energy costs incurred above mitigated price

**Extend**

# ISO filed its Bidding Rules Enhancements board-approved provisions on Aug 19, 2016

Increased commitment cost real-time bidding flexibility

**Filed, pending approval**

Do not insert RTM bids for units not required to participate or scheduled in DA

**Filed, pending approval**

After-the-fact cost recovery filing right at FERC for commitment costs

**Filed, pending approval**

*Management proposes to extend these provisions on a temporary basis until the later of the date on which FERC approves these provisions on a permanent basis, or November 30, 2017.*

## Stakeholders support Management's proposal to extend operational tools and market measures to address reliability risks

- Stakeholders would like additional information released to the market related the proposed measures and the ISO's gas-electric coordination.
  - ISO is in the process of providing this information where appropriate.
- Some stakeholders want management to pursue new provisions to mitigate prices of exceptional dispatches due to natural gas limitations.
  - Management will examine new exceptional dispatch mitigation measures as part of an upcoming stakeholder process.
  - New provisions could be accelerated if warranted.
- Stakeholders support pursuing long-term market enhancements to commitment cost and default energy bid designs.

## ISO board approved the Aliso Canyon gas-electric coordination phase 2 proposal

- Proposal provides important functionality to mitigate the ongoing reliability impacts of the limited operability of the Aliso Canyon natural gas storage facility.
- Proposal includes flexibility that allows the ISO to adjust the use of the new tools to align with market and reliability needs.
- Proposal will include a sunset date of November 30, 2017.