PG&E's Perspective on Gas Resource Management





California's Gas Storage Adds Flexibility



California Gas System Map from https://www.pge.com/pipeline/en.html

11 California Gas Storage Facilities

- 3 ½ PG&E Owned Storage
- 7 total in Northern California

289 Bcf of California Storage

- 37 Bcf of PG&E Owned Storage
- California has almost 50% of Western gas storage

>2,000 MMcf/d of California Storage Injection

- 315 MMcf/d for PG&E
- 1,855 MMcf/d for Northern California

>4,000 MMcf/d of California Storage Withdrawal

- 766 MMcf/d for PG&E
- 2,928 MMcf/d for Northern California

2023 data from https://www.pge.com/pipeline/en.html



PG&E Supports the GRM Final Proposal

Accommodating Gas Cost Variation

<u>CA Impact</u> Welcomed flexibility

PG&E Supports

- Flexibility to cover normal and extreme conditions
- Account for participants' experience in the DA market
- Will need monitoring e.g., the benchmark group

Managing Gas Burn Limitations

CA ImpactNone

PG&E's Supports

- A proven reliability tool
- Appropriate safeguards
- Concerns of inappropriate uses were alleviated

Informing Fuel Procurement

CA Impact Improved forecasting

PG&E's Supports

- D+2 accuracy is good when market conditions stable dayto-day
- Will benefit from continued improvements and experience
- Will need monitoring e.g.,
 D+2 interactions with reference level change request



A Positive Sign for Regionalization

- Support regionalization and ensure equitable market rules
- Will be more common in Regional Organization for Western Energy (ROWE)
 - Not intended for 100% of participants but all participants were welcome to participate
 - Directed on a specific goal for specific participants
- Good example for future initiatives
 - Constructive and collaborative across regional differences
 - Didn't create swirl or gridlock
- Guardrails worked (i.e., DMM, MSC)