

# Asset Family-Storage Core Firm Storage Update

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# Safety Orientation: **Remote Workplace**



## Medical Emergency

- First aid/CPR
- Call 911 or if alone share your location with leader of call
- If have AED, ensure you/others know location/how to use it



## Ergonomics

- 30/30
- Ensure proper ergonomics



## Earthquake

- Duck
- Cover
- Hold



## Emergency Planning

- Update personal emergency preparedness plan



## Fire

- Know exits, escape routes, evacuation plan
- If safe, use compliant fire extinguisher
- Exit, call 911



## COVID-19

- Maintain physical distance
- Wear mask
- Wash hands
- [Current COVID-19 information](#)



On the road, off the phone.





# Core Transport Agent Meeting for Changes in Core Firm Storage Quantities

## Agenda

- Safety
- Introductions
- Housekeeping Items
- Background & Introduce Roger Graham

### **Workshop Reminders:**

- Please mute yourself if you are not speaking. Unmute yourself when speaking.
- When utilizing the chat function, please send the message to “everyone”.
- If you’d like to ask a question, please utilize the “raise hand” function.
- If the raise hand function is not working, please send a message in chat.



# Core Transport Agent Meeting for Changes in Core Firm Storage Quantities

- Background

- The 2015 GT&S Decision (D.16-06-056) requires PG&E to meet and confer with the CTAs before proposing any future changes that would impact CTAs.
- OP4 of the Rate Case Plan Phase 1 decision (D.20-01-002) ordered PG&E to incorporate its request for test year 2023 RRQ related to GT&S into the 2023 GRC. PG&E will its 2023 GRC Ph 1 application in June 2021.
  - The rate design portion of PG&E's next GT&S will be presented in PG&E's Cost Allocation and Rate Design Proceeding to be filed separately in 2021.



# PG&E Proposed Change to Core Firm Storage

- Gas Ops is recommending Core Firm Storage be a constant quantity for the rate case period:
  - 411 MMcf/d of withdrawal.
  - Inventory would increase proportionally to 6.7 Bcf.
- Quantities could vary for each storage year of rate case period if preferred
- The amount of inventory could be different as well
- Other Core holding proposals will be in the 2023 Cost Allocation and Rate Design proceeding to be filed in September of 2021
- Any changes that could impact capacity needs or investments should be addressed in the GRC proceeding



# Core Storage Analysis – PG&E Withdrawal Needed

		2019	Winter	Winter	Winter	Winter	Winter	Winter	
	Demand	NGSS Design	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	
1	Core Demand	2493	2571	2580	2589	2600	2612	2622	
2	Industrial Demand	522	565	552	556	554	553	553	
3	Electric Generation	928	786	740	730	801	889	892	
4	Off-System and Shrinkage	123	123	123	123	123	123	123	
5	<b>Total Demand</b>	Sum Line 1-4	4066	4045	3995	3998	4078	4177	4190
	<b>Supply</b>								
6	Redwood Firm	1936	1957	1957	1957	1957	1819	1819	
7	Northern ISPs	764	743	743	743	743	881	881	
8	<b>Total Northern Supply</b>	Sum Lines 6-7	2700	2700	2700	2700	2700	2700	
9	Baja Firm	960	888	888	888	888	888	888	
10	Gill Ranch LLC	100	100	100	100	100	100	100	
11	California Production	0	35	35	35	35	35	35	
12	<b>Total Southern Supply</b>	Sum Line 9-11	1060	1023	1023	1023	1023	1023	
13	Total Supply Without PG&E Storage	Line 8 plus 12	3760	3723	3723	3723	3723	3723	
14	Withdrawal needed to meet demand only	Line 5 minus 13	306	322	272	275	355	454	467
15	Inventory Management and Reserve Capacity		550	550	550	550	550	550	
16	<b>Total withdrawal needed from PG&amp;E Storage</b>	Line 14 plus 15	856	872	822	825	905	1004	1017



# Core Storage Analysis – Available for Core Firm Storage

		2019 NGSS Design	Winter 2021-2022	Winter 2022-2023	Winter 2023-2024	Winter 2024-2025	Winter 2025-2026	Winter 2026-2027	
16	Total withdrawal needed from PG&E Storage	Line 14 plus 15	856	872	822	825	905	1004	1017
17	Forecast Withdrawal Capacities at McDonald Island and PG&E Gill Ranch before any capacity investments			808	750	662	544	686	623
18	Capacity shortfall	Line 17 minus 16		-64	-72	-163	-361	-317	-394
	<b>Capacity Investments</b>								
23	<b>Total Capacity Additions</b>	Sum Lines 19-22		213	304	344	369	275	342
24	Forecast PG&E Storage capacities after investments	Sum 17 and 23		1,021	1,054	1,006	913	961	965
25	Surplus or Shortfall after Identified Investments	Line 24 minus 16		149	232	182	9	(42)	(52)
26	<b>Available for Core</b>	Line 25 minus 15		471	504	456	363	411	415

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