

DOCKETED	
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Document Title:	Question 8 Supplemental_PG&E_CY2024_PHMSA Form F 71004-1 (UNGSF)
Description:	PG&E IEPR Gas Report Supplemental Documentation for Question 8: Most recent report submitted under California Public Utilities Commission General Order 112-F Section 123
Filer:	Josh Harmon
Organization:	PG&E
Submitter Role:	Applicant
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 U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration		UNDERGROUND NATURAL GAS STORAGE FACILITY ANNUAL REPORT FOR CALENDAR YEAR 2024		DOT USE ONLY	
				Original Date Submitted	02/28/2025
				Report Type	INITIAL
				Date Submitted	
A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0522. Public reporting for this collection of information is estimated to be approximately 20 hours per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590. INSTRUCTIONS Important: Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at http://www.phmsa.dot.gov/pipeline/library/forms					
PART A - OPERATOR INFORMATION		DOT USE ONLY	20250028 - 08022		
A1.	Operator's OPS-issued Operator Identification Number (OPID): 15007				
A2.	Name of Operator: PACIFIC GAS & ELECTRIC CO				
A3.	Address of Operator				
A3a.	Street Address:	6121 BOLLINGER CANYON RD.			
A3b.	City:	SAN RAMON			
A3c.	State:	CA			
A3d.	Zip Code:	94583			

PART B – STORAGE FACILITY (Complete Part B once for each independent storage facility)		
B1.	Facility Name (chosen by operator): Los Medanos	
B2.	Select only one: ☐ INTERState ☒ INTRASState	
	PHMSA USE ONLY Unit ID: 88725	
B3.	Facility Location:	
	Latitude:	38.02347
	Longitude:	- 122.00376
	State:	California
	County:	CONTRA COSTA
B4.	Energy Information Administration Gas Field Code: 013 Names of Reservoirs within this facility: Domengine	

GAS VOLUMES

B5.	Working gas capacity (billion standard cubic feet (BCF)), <i>include two decimal places:</i> 11.77
B6.	Base (also known as Cushion or Pad) gas (billion standard cubic feet (BCF)), <i>include two decimal places:</i> 17.37
B7.	Total gas capacity (billion standard cubic feet (BCF)): 29.14
B8.	Metered volume of natural gas withdrawn from the facility for calendar year (billion standard cubic feet (BCF)), <i>include two decimal places:</i> 4.95
B9.	Metered volume of natural gas injected into the facility for calendar year (billion standard cubic feet (BCF)), <i>include two decimal places:</i> 6.59

PART C – RESERVOIRS AND WELLS (Complete Part C once for each reservoir or geologic storage formation within a facility)**RESERVOIR Domengine**

C1.	Reservoir name (chosen by operator): Domengine
C2.	Year reservoir placed in storage service: 1973
C3.	Type (select only one): ☐ Salt Cavern ☒ Hydrocarbon Reservoir ☐ Aquifer Reservoir ☐ Other Description of type:
C4.	Maximum Wellhead Surface Pressure
C4a.	Name of the representative well: N/A
C4b.	Maximum surface pressure (pounds per square inch gauge (psig)) at the representative well: 1600

RESERVOIR OR CAVERN(S) DEPTH

C5.	Approximate Maximum Depth (feet): 4000
C6.	Approximate Minimum Depth (feet): 3770

WELLS

C7.	Number of Injection and/or Withdraw Wells by Year Range Placed in Storage Operation:						
		Pre-1930	1930-1959	1960-1969	1970-2004	2005-present	Total
	Injection and/or Withdrawal Wells	0	0	0	16	0	16

C8.	Number of Monitoring and/or Observation Wells:						
		Pre-1930	1930-1959	1960-1969	1970-2004	2005-present	Total
	Monitoring and/or Observation Wells	0	0	0	1	1	2
C9.	Number of Wells drilled during the calendar year: 0						
C10	Wells plugged and abandoned during the calendar year						
	C10a.	Number of wells re-plugged during the calendar year: 0					
	C10b.	Number of wells plugged but not abandoned during the calendar year: 0					
	C10c.	Number of wells plugged and abandoned during the calendar year: 0					
WELL SAFETY VALVES							
C11	Number of Wells with automated surface safety valves: 16						
C12	Number of Wells with subsurface safety valves: 16						
WELLS GAS FLOW							
C13	Number of Wells with gas flow only through production tubing: 14						
C14	Number of Wells with gas flow only through production casing: 0						
C15	Number of Wells with gas flow through both production tubing and production casing: 2						
C16	Number of Wells with some "other type" of gas flow: 0 Describe the "other type" of gas flow through the well:						
MAINTENANCE							
C17	Number of Wells with new production tubing installed during the calendar year: 4						
C18	Number of Wells with new production casing, new liner, or repairs to casing or liner during the calendar year: 0						
C19	Number of Wells with wellhead remediation or repair during the calendar year: 4						
C20	Number of Wells with casing, wellhead, or tubing leaks during the calendar year: 0						
C21	Number of Wells with Pressure Test during the calendar year: 9						
C22	Number of Wells with Casing Evaluation for Corrosion/ metal loss during the calendar year: 4						
C23	Number of Wells inspected using a downhole assessment method other than "Pressure Test" and "Casing Evaluation for Corrosion/metal loss" during the calendar year*: 0 * Describe other assessment method(s):						
PART B – STORAGE FACILITY (Complete Part B once for each independent storage facility)							
B1.	Facility Name (chosen by operator): Pleasant Creek						
B2.	Select only one: ☐ INTERState ☒ INTRASState						
	PHMSA USE ONLY Unit ID: 88723						
B3.	Facility Location:						

	Latitude:	38.54552
	Longitude:	- 122.00211
	State:	California
	County:	YOLO
B4.	Energy Information Administration Gas Field Code: 113 Names of Reservoirs within this facility: Peters Sand	
GAS VOLUMES		
B5.	Working gas capacity (billion standard cubic feet (BCF)), <i>include two decimal places</i> : 2.25	
B6.	Base (also known as Cushion or Pad) gas (billion standard cubic feet (BCF)), <i>include two decimal places</i> : 5.08	
B7.	Total gas capacity (billion standard cubic feet (BCF)): 7.33	
B8.	Metered volume of natural gas withdrawn from the facility for calendar year (billion standard cubic feet (BCF)), <i>include two decimal places</i> : 0	
B9.	Metered volume of natural gas injected into the facility for calendar year (billion standard cubic feet (BCF)), <i>include two decimal places</i> : 0	

PART C – RESERVOIRS AND WELLS (<i>Complete Part C once for each reservoir or geologic storage formation within a facility</i>)		
RESERVOIR Peters Sand		
C1.	Reservoir name (chosen by operator): Peters Sand	
C2.	Year reservoir placed in storage service: 1960	
C3.	Type (select only one): ☐ Salt Cavern ☒ Hydrocarbon Reservoir ☐ Aquifer Reservoir ☐ Other Description of type:	
C4.	Maximum Wellhead Surface Pressure	
C4a.	Name of the representative well: N/A	
C4b.	Maximum surface pressure (pounds per square inch gauge (psig)) at the representative well: 1250	
RESERVOIR OR CAVERN(S) DEPTH		
C5.	Approximate Maximum Depth (feet): 2975	
C6.	Approximate Minimum Depth (feet): 2675	
WELLS		

C7.	Number of Injection and/or Withdraw Wells by Year Range Placed in Storage Operation:						
		Pre-1930	1930-1959	1960-1969	1970-2004	2005-present	Total
	Injection and/or Withdrawal Wells	0	1	0	4	1	6

C8.	Number of Monitoring and/or Observation Wells:						
		Pre-1930	1930-1959	1960-1969	1970-2004	2005-present	Total
	Monitoring and/or Observation Wells	0	0	0	0	0	0

C9.	Number of Wells drilled during the calendar year: 0						
C10	Wells plugged and abandoned during the calendar year						
C10a.	Number of wells re-plugged during the calendar year: 0						
C10b.	Number of wells plugged but not abandoned during the calendar year: 0						
C10c.	Number of wells plugged and abandoned during the calendar year: 0						

WELL SAFETY VALVES							
C11	Number of Wells with automated surface safety valves: 6						
C12	Number of Wells with subsurface safety valves: 0						

WELLS GAS FLOW							
C13	Number of Wells with gas flow only through production tubing: 0						
C14	Number of Wells with gas flow only through production casing: 0						
C15	Number of Wells with gas flow through both production tubing and production casing: 6						
C16	Number of Wells with some "other type" of gas flow: 0 Describe the "other type" of gas flow through the well:						

MAINTENANCE							
C17	Number of Wells with new production tubing installed during the calendar year: 0						
C18	Number of Wells with new production casing, new liner, or repairs to casing or liner during the calendar year: 0						
C19	Number of Wells with wellhead remediation or repair during the calendar year: 0						
C20	Number of Wells with casing, wellhead, or tubing leaks during the calendar year: 0						
C21	Number of Wells with Pressure Test during the calendar year: 0						
C22	Number of Wells with Casing Evaluation for Corrosion/ metal loss during the calendar year: 0						
C23	Number of Wells inspected using a downhole assessment method other than "Pressure Test" and "Casing Evaluation for Corrosion/metal loss" during the calendar year*: 0 * Describe other assessment method(s):						

PART B – STORAGE FACILITY (Complete Part B once for each independent storage facility)							
B1.	Facility Name (chosen by operator): McDonald Island						

B2.	Select only one: ☐ INTERState ☒ INTRASState	
	PHMSA USE ONLY Unit ID: 88724	
B3.	Facility Location:	
	Latitude:	37.99096
	Longitude:	- 121.47647
	State:	California
	County:	SAN JOAQUIN
B4.	Energy Information Administration Gas Field Code: 077 Names of Reservoirs within this facility: Mokelumne River	
GAS VOLUMES		
B5.	Working gas capacity (billion standard cubic feet (BCF)), include two decimal places: 37.08	
B6.	Base (also known as Cushion or Pad) gas (billion standard cubic feet (BCF)), include two decimal places: 99.49	
B7.	Total gas capacity (billion standard cubic feet (BCF)): 136.57	
B8.	Metered volume of natural gas withdrawn from the facility for calendar year (billion standard cubic feet (BCF)), include two decimal places: 10.94	
B9.	Metered volume of natural gas injected into the facility for calendar year (billion standard cubic feet (BCF)), include two decimal places: 24.01	

PART C – RESERVOIRS AND WELLS (Complete Part C once for each reservoir or geologic storage formation within a facility)	
RESERVOIR Mokelumne River	
C1.	Reservoir name (chosen by operator): Mokelumne River
C2.	Year reservoir placed in storage service: 1975
C3.	Type (select only one): ☐ Salt Cavern ☒ Hydrocarbon Reservoir ☐ Aquifer Reservoir ☐ Other Description of type:
C4.	Maximum Wellhead Surface Pressure
C4a.	Name of the representative well: McDonald Farms #4
C4b.	Maximum surface pressure (pounds per square inch gauge (psig)) at the representative well: 2070
RESERVOIR OR CAVERN(S) DEPTH	

C5.	Approximate Maximum Depth (feet): 5315						
C6.	Approximate Minimum Depth (feet): 5150						
WELLS							
C7.	Number of Injection and/or Withdraw Wells by Year Range Placed in Storage Operation:						
		Pre-1930	1930-1959	1960-1969	1970-2004	2005-present	Total
	Injection and/or Withdrawal Wells	0	0	5	67	3	75
C8.	Number of Monitoring and/or Observation Wells:						
		Pre-1930	1930-1959	1960-1969	1970-2004	2005-present	Total
	Monitoring and/or Observation Wells	0	4	1	0	1	6
C9.	Number of Wells drilled during the calendar year: 3						
C10	Wells plugged and abandoned during the calendar year						
C10a.	Number of wells re-plugged during the calendar year: 0						
C10b.	Number of wells plugged but not abandoned during the calendar year: 0						
C10c.	Number of wells plugged and abandoned during the calendar year: 2						
WELL SAFETY VALVES							
C11	Number of Wells with automated surface safety valves: 71						
C12	Number of Wells with subsurface safety valves: 63						
WELLS GAS FLOW							
C13	Number of Wells with gas flow only through production tubing: 70						
C14	Number of Wells with gas flow only through production casing: 0						
C15	Number of Wells with gas flow through both production tubing and production casing: 7						
C16	Number of Wells with some "other type" of gas flow: 0 Describe the "other type" of gas flow through the well:						
MAINTENANCE							
C17	Number of Wells with new production tubing installed during the calendar year: 11						
C18	Number of Wells with new production casing, new liner, or repairs to casing or liner during the calendar year: 0						
C19	Number of Wells with wellhead remediation or repair during the calendar year: 11						
C20	Number of Wells with casing, wellhead, or tubing leaks during the calendar year: 0						
C21	Number of Wells with Pressure Test during the calendar year: 36						
C22	Number of Wells with Casing Evaluation for Corrosion/ metal loss during the calendar year: 11						
C23	Number of Wells inspected using a downhole assessment method other than "Pressure Test" and "Casing Evaluation for Corrosion/metal loss" during the calendar year*: 0 * Describe other assessment method(s):						

PART D – CONTACT INFORMATION

- D1. Name of person submitting report: Glen Allen
- D2. Title of person in D1: Compliance Engineer
- D3. Work e-mail address of person in D1: Glen.Allen@pge.com
- D4. Work phone number of person in D1: (925)278-3462
- D5. Name of person to contact with questions about this report: Allen Lee
- D6. Title of person in D5: Manager, Gas Eng & Design
- D7. Email address of person in D5: Allen.Lee@pge.com
- D8. Phone number of person in D5: (925)216-6445