DOCKETED	
Docket Number:	25-IEPR-03
Project Title:	Electricity and Gas Demand Forecast
TN #:	263250
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
Submission Date:	5/22/2025 3:39:50 PM
Docketed Date:	5/22/2025

			DOT USE ONLY
U.S. Department of Transportation	UNDERGROUND NATURAL GAS STORAGE	Original Date Submitted	02/28/2025
Pipeline and Hazardous Materials	FACILITY ANNUAL REPORT FOR	Report Type	INITIAL
Safety Administration	CALENDAR YEAR 2024	Date Submitted	

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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	INFORMAT	ION		DOT USE ONLY	20250028 - 08022
A1.	Operator's	s OPS-issued O	perator Identifica	ation Number (OPID): <u>1</u>	5007
A2.	Name of C	Operator: PACIF	IC GAS & ELE		
A3.	Address o	f Operator			
	A3a.	Street Address:	6121 BOLLIN	GER CANYON RD.	
	A3b.	City:	SAN RAMON		
	A3c.	State:	CA		
	A3d.	Zip Code:	<u>94583</u>		

		TV (Complete Bart P and for each independent storage facility)
	3 - STURAGE FACILIT	T (Complete Part B once for each independent storage facility)
	1	
B1.	Facility Name (chose	n by operator): Los Medanos
B2.	Select only one:	INTERState 🛛 INTRAState
	<u>,</u>	
	PHMSA USE ONLY	Unit ID: 88725
R3	Facility Location	
	Latitude:	38.02347
	Longitude:	- 122.00376
	, i i i i i i i i i i i i i i i i i i i	
	State:	California
	County:	CONTRA COSTA
	Energy Information A	Administration Gas Field Code: 013
B4.	Names of Reservoirs	; within this facility: Domengine

GAS V	DLUMES
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)), include two decimal places: 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B8	Metered volume of natural gas withdrawn from the facility for calendar year (billion standard cubic feet (BCF)), 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

VOIR Domengir	le					
Reservoir name	(chosen by operator)	Domengine				
Year reservoir placed in storage servic		ce: 1973				
Type (select onl Description of ty	y one): 🗖 Salt Ca pe:	vern 🛛 Hydrocar	bon Reservoir 🛛	Aquifer Reservoir	Cther	
A. Maximum Wellhead Surface Pressure						
	Name of the represe	ntative well: N/A				
	Maximum surface pre	essure (pounds per	square inch gauge (psig)) at the repres	sentative well: 1600	
VOIR OR CAVER	N(S) DEPTH					
Approximate Ma	ximum Depth (feet):	4000				
Approximate Mi	nimum Depth (feet): :	3770				
Number of Injec	tion and/or Withdr	aw Wells by Year	Range Placed in St	orage Operation:		
	Pre-1930	1930-1959	1960-1969	1970-2004	2005-present	Total
Injection and/or Withdrawal Wells	0	0	0	16	0	16
	Reservoir name Year reservoir p Type (select onl Description of ty Maximum Wellh /OIR OR CAVERI Approximate Ma Approximate Min Number of Injection and/or Withdrawal	Reservoir name (chosen by operator) Year reservoir placed in storage servi Type (select only one): Salt Ca Description of type: Maximum Wellhead Surface Pressure Maximum Wellhead Surface Pressure Name of the represend Maximum surface pressure Maximum surface pressure /OIR OR CAVERN(S) DEPTH Approximate Maximum Depth (feet): Approximate Minimum Depth (feet): Number of Injection and/or Withdrawal 0 Withdrawal	Reservoir name (chosen by operator): Domengine Year reservoir placed in storage service: 1973 Type (select only one): Salt Cavern Description of type: Maximum Wellhead Surface Pressure Name of the representative well: N/A Maximum surface pressure (pounds per /OIR OR CAVERN(S) DEPTH Approximate Maximum Depth (feet): 4000 Approximate Minimum Depth (feet): 3770 Number of Injection and/or Withdraw Wells by Year Injection and/or Withdraw I 0 0	Reservoir name (chosen by operator): Domengine Year reservoir placed in storage service: 1973 Type (select only one): Salt Cavern Description of type: Maximum Wellhead Surface Pressure Name of the representative well: N/A Maximum surface pressure (pounds per square inch gauge (/OIR OR CAVERN(S) DEPTH Approximate Maximum Depth (feet): 4000 Approximate Minimum Depth (feet): 3770 Number of Injection and/or Withdraw Wells by Year Range Placed in Standor United and/or U	Reservoir name (chosen by operator): Domengine Year reservoir placed in storage service: 1973 Type (select only one): Salt Cavern Maximum Wellhead Surface Pressure Maximum Wellhead Surface Pressure Maximum surface pressure (pounds per square inch gauge (psig)) at the repressive (pounds per square inch gauge (psig)) at the repressive (pounds per square inch gauge (psig)) at the repressive (point of the representative well: N/A /OIR OR CAVERN(S) DEPTH Approximate Maximum Depth (feet): 4000 Approximate Minimum Depth (feet): 3770 Number of Injection and/or Withdrawal 0 0 16	Reservoir name (chosen by operator): Domengine Year reservoir placed in storage service: 1973 Type (select only one): Salt Cavern Salt Cavern Hydrocarbon Reservoir Aquifer Reservoir Other Description of type: Maximum Wellhead Surface Pressure Name of the representative well: N/A Maximum surface pressure (pounds per square inch gauge (psig)) at the representative well: 1600 /OIR OR CAVERN(S) DEPTH Approximate Maximum Depth (feet): 4000 Approximate Minimum Depth (feet): 3770 Number of Injection and/or Withdraw Wells by Year Range Placed in Storage Operation: Injection 0 0 16 0

						1		
C8.	Monitoring and/or Observation Wells	Pre-1930 0	1930-1959 0	1960-1969 0	1970-2004	2005-present	2	
C9.	Number of Wel	ls drilled during the ca	lendar year: 0					
C10	Wells plugged	and abandoned during	the calendar year					
	C10a.	Number of wells re-p	lugged during the c	alendar year: 0				
	C10b.	Number of wells plug	ged but not abando	oned during the cale	ndar year: 0			
	C10c.	Number of wells plug	ged and abandone	d during the calenda	ar year: 0			
WELL S	AFETY VALVES	1						
C11	Number of Wel	ls with automated surf	ace safety valves: 1	16				
C12	Number of Wel	ls with subsurface safe	ety valves: 16					
WELLS	GAS FLOW							
C13	Number of Wel	ls with gas flow only th	nrough production to	ubing: 14				
C14	Number of Wel	ls with gas flow only th	nrough production c	asing: 0				
C15	Number of Wel	ls with gas flow throug	h both production t	ubing and productio	n casing: 2			
C16	Number of Wells with some "other type" of gas flow: 0 Describe the "other type" of gas flow through the well:							
MAINTE								
C17	Number of Wel	Is with new production	n tubing installed du	ring the calendar ye	ar: 4			
C18	Number of Wel	Is with new production	i casing, new liner, o	or repairs to casing	or liner during the c	alendar year: 0		
C19	Number of Wel	Is with wellhead reme	diation or repair dur	ing the calendar yea	ar: 4			
C20	Number of Wel	Is with casing, wellhea	ad, or tubing leaks d	luring the calendar y	ear: U			
021	Number of Wei	Is with Pressure Test	during the calendar	year: 9				
C23	Number of Wel Corrosion/meta	Is inspected using a d	ownhole assessme ndar year*: 0	nt method other than	n "Pressure Test" ar	nd "Casing Evaluatio	n for	
PART E	- STORAGE FA	CILITY (Complete Pa	art B once for each	n independent stor	age facility)			
B1.	Facility Name (chosen by operator):	Pleasant Creek					
B1. B2.	Facility Name (Select only on	chosen by operator): e: □ INTERState	INTRAState					
B1. B2.	Facility Name (Select only on PHMSA USE O	chosen by operator): e: ☐ INTERState INLY Unit ID: 88723	INTRAState					

	Latitude:	38.54552
	Longitude:	- 122.00211
	State:	California
	County:	YOLO
	Energy Information A	dministration Gas Field Code: 113
B4.	Names of Reservoirs	within this facility: Peters Sand
GAS VO	DLUMES	
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)), include two decimal places: 5.08
B7.	Total gas capacity (bi	illion standard cubic feet (BCF)): 7.33
B8	Metered volume of na places:	atural gas withdrawn from the facility for calendar year (billion standard cubic feet (BCF)), include two decimal
	Metered volume of na	atural gas injected into the facility for calendar year (billion standard cubic feet (BCF)), include two decimal places:
B9.	0	

RESER	RVOIR Peters S	and
C1.	Reservoir nam	ne (chosen by operator): Peters Sand
C2.	Year reservoir	placed in storage service: 1960
C3.	Type (select o Description of	nly one): 🗖 Salt Cavern 🖾 Hydrocarbon Reservoir 🗖 Aquifer Reservoir 🗖 Other type:
C4.	Maximum Wel	Ihead 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
RESEF	RVOIR OR CAVE	RN(S) DEPTH
C5.	Approximate N	Aaximum Depth (feet): 2975
C6.	Approximate N	/inimum Depth (feet): 2675
	-	

	Number of Inje	ection and/or Withdra	aw Wells by Year	Range Placed in Sto	orage Operation:		
		Pre-1930	1930-1959	1960-1969	1970-2004	2005-present	Total
C7.	Injection and/or Withdrawal Wells	0	1	0	4	1	6
	Number of Mo	nitoring and/or Observa	tion Wells:				
C8.	Manifaring	Pre-1930	1930-1959	1960-1969	1970-2004	2005-present	Total
	Monitoring and/or Observatior Wells	n	0	0	0	0	0
C9.	Number of We	lls drilled during the cal	endar year: 0				
C10	Wells plugged	and abandoned during	the calendar year				
	C10a.	Number of wells re-pl	ugged during the ca	lendar year: 0			
	C10b.	Number of wells plug	ged but not abandor	ned during the calen	dar year: 0		
	C10c.	Number of wells plug	ged and abandoned	during the calendar	year: 0		
WELL S		S					
C11	Number of We	Ils with automated surfa	ice safety valves: 6				
C12	Number of We	Ils with subsurface safe	ty valves: 0				
WELLS	GAS FLOW						
C13	Number of We	lls with gas flow only the	rough production tub	oing: 0			
C14	Number of We	lls with gas flow only the	rough production ca	sing: 0			
C15	Number of We	Ils with gas flow through	n both production tul	bing and production	casing: 6		
C16	Number of We Describe the "o	ells with some "other type other type" of gas flow th	e" of gas flow: 0 hrough the well:				
MAINTE	INANCE						
C17	Number of We	Ils with new production	tubing installed duri	ng the calendar yea	r: 0		
C18	Number of We	Ils with new production	casing, new liner, o	r repairs to casing o	r liner during the ca	endar year: 0	
C19	Number of We	lls with wellhead remed	iation or repair durir	ng the calendar year	: 0		
C20	Number of We	lls with casing, wellhead	d, or tubing leaks du	ring the calendar ye	ar: 0		
C21	Number of We	lls with Pressure Test d	uring the calendar y	ear: 0			
C22	Number of We	lls with Casing Evaluation	on for Corrosion/ me	etal loss during the c	alendar year: 0		
C23	Number of We Corrosion/met	ells inspected using a do al loss" during the calen Describe other assessme	wnhole assessment dar year*: 0 ent method(s):	method other than	"Pressure Test" and	d "Casing Evaluatior	n for
	I						
PART B	B – STORAGE F	ACILITY (Complete Pa	rt B once for each	independent stora	ge facility)		
B1.	Facility Name ((chosen by operator): N	IcDonald Island				

B2.	Select only one:	NTERState 🛛 INTRAState
	PHMSA USE ONLY	Unit ID: 88724
B3.	Facility Location:	
	Latitude:	37.99096
	Longitude:	- 121.47647
	State:	California
	County:	SAN JOAQUIN
B4.	Energy Information A Names of Reservoirs	dministration Gas Field Code: 077 within this facility: Mokelumne River
GAS VO	DLUMES	
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 (b	illion standard cubic feet (BCF)): 136.57
B8	Metered volume of na places:	atural gas withdrawn from the facility for calendar year (billion standard cubic feet (BCF)), include two decimal
В9.	10.94 Metered volume of na	atural gas injected into the facility for calendar year (billion standard cubic feet (BCF)), include two decimal places:
	24.01	

ILUCI	RVOIR Mokelun	nne River
C1.	Reservoir nam	ne (chosen by operator): Mokelumne River
C2.	Year reservoir	placed in storage service: 1975
C3.	Type (select o Description of	nly one): 🗖 Salt Cavern 🛛 Hydrocarbon Reservoir 🗖 Aquifer Reservoir 🗖 Other type:
C4.	Maximum We	Ihead Surface Pressure
C4a		Name of the representative well: McDonald Farms #4
04a.		

Γ

C5.	Approximate Maximum Depth (feet): 5315							
C6.	Approximate Minimum Depth (feet): 5150							
WELLS								
	Number of Injection and/or Withdraw Wells by Year Range Placed in Storage Operation:							
C7.	Pre-1930 1930-1959 1960-1969 1970-2004 2005-present Total						Total	
	Injection and/or Withdrawa Wells	0	0	5	67	3	75	
	Number of Monitoring and/or Observation Wells:							
C8.	Pre-1930		1930-1959	1960-1969	1970-2004	2005-present	Total	
	Monitoring 0 and/or Observation Wells		4	1	0		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-plu	gged during the ca	alendar year: 0				
	C10b.	Number of wells plugg	ed but not abando	ned during the caler	ndar year: 0			
	C10c.	Number of wells plugg	ed and abandoned	I during the calenda	r year: 2			
WELL S		5						
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:							
MAINTE	NANCE							
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 assessme	ent 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					