

Administration

2018 Gas State Program Evaluation

for

CALIFORNIA PUBLIC UTILITIES COMMISSION

Document Legend PART:

- O -- Representative Date and Title Information
- A -- Progress Report and Program Documentation Review
- B -- Program Inspection Procedures
- C -- Program Performance
- D -- Compliance Activities
- E -- Incident Investigations
- F -- Damage Prevention
- T Builde Trevention
- G -- Field Inspections
- H -- Interstate Agent State (If Applicable)
- I -- 60106 Agreement State (If Applicable)



2018 Gas State Program Evaluation -- CY 2018 Gas

State Agency: California Rating:

Agency Status: 60105(a): Yes 60106(a): Yes Interstate Agent: No

Date of Visit: 09/23/2019 - 09/26/2019

Agency Representative: Dennis Lee, Acting Program Manager **PHMSA Representative:** David Lykken, Michael Thompson **Commission Chairman to whom follow up letter is to be sent:**

Name/Title: Marybel Batjer, President

Agency: California Public Utilities Commission

Address: 505 Van Ness Avenue City/State/Zip: San Francisco, CA 94102

INSTRUCTIONS:

Complete this evaluation in accordance with the Procedures for Evaluating State Pipeline Safety Program. The evaluation should generally reflect state program performance during CY 2018 (not the status of performance at the time of the evaluation). All items for which criteria have not been established should be answered based on the PHMSA representative's judgment. A deficiency in any one part of a multiple part question should be scored as needs improvement. Determine the answer to the question then select the appropriate point value. If a state receives less then the maximum points, include a brief explanation in the space provided for general comments/regional observations. If a question is not applicable to a state, select NA. Please ensure all responses are COMPLETE and ACCURATE, and OBJECTIVELY reflect state program performance. Increasing emphasis is being placed on performance. This evaluation together with selected factors reported in the state's annual progress report attachments provide the basis for determining the state's pipeline safety grant allocation.

Scoring Summary

PARTS		Possible Points	Points Scored
A	Progress Report and Program Documentation Review	10	10
В	Program Inspection Procedures	13	13
C	Program Performance	44	41
D	Compliance Activities	13	12
E	Incident Investigations	11	9.5
F	Damage Prevention	8	8
G	Field Inspections	12	12
Н	Interstate Agent State (If Applicable)	0	0
I	60106 Agreement State (If Applicable)	5	5
TOTA]	LS	116	110.5
State F	Rating	•••••	95.3



PART A - Progress Report and Program Documentation Review

Points(MAX) Score

1	Accuracy of Jurisdictional Authority and Operator/Inspection Units Data - Progress	1	1
	Report Attachment 1		
	Yes = 1 No = 0 Needs Improvement = .5		

Evaluator Notes:

No issues noted. CPUC entered into 60106 agreement with PHMSA in CY2018. Operator counts and Inspection Unit totals by operator type on Attachment 3 are consistent with totals on Attachment 1.

Review of Inspection Days for accuracy - Progress Report Attachment 2

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Minimum number of inspection days required for CY2018 was 2575. Actual was 2835. No D&A inspections conducted. The number of inspection days entered for each operator type and inspection type essentially match the records kept by the program.

Accuracy verification of Operators and Operators Inspection Units in State - Progress 1

Report Attachment 3

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Reviewed PDM data including operator annual reports. No issues noted.

Were all federally reportable incident reports listed and information correct? - Progress 1 1 Report Attachment 4

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

The 20 incidents listed are consistent with the incident report information contained in PDM.

5 Accuracy verification of Compliance Activities - Progress Report Attachment 5

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

No issues noted. Numbers match the program's inspection database information and inspection/correspondence records

reviewed.

6 Were pipeline program files well-organized and accessible? - Progress Report 2 2
Attachment 6
Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes. No issues. All inspections maintained electronically via pipeline database and spreadsheets. Information readily available.

Was employee listing and completed training accurate and complete? - Progress Report 1 1
Attachment 7

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Training information verified with the information locate in Blackboard. No issues.

8 Verification of Part 192,193,198,199 Rules and Amendments - Progress Report 1 1 1
Attachment 8

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Automatic adoption by reference. California Statute GO 112-F, Subpart A (General). Information listed in Attachment 8 is up to date.

9 List of Planned Performance - Did state describe accomplishments on Progress Report in detail - Progress Report Attachment 10 Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

In 2018, the program began attending meetings of the California Underground Facilities Safe Excavation Board tasked with overall enforcement of California's one-call law. Also, the CPUC established an MOU with the Board which clarifies respective agency roles with the goal of avoiding duplicative activities allowing for effective enforcement of the state's one-call law.

10 General Comments: Info Only = No Points Info OnlyInfo Only

1

Evaluator Notes:

No point deductions under Part A.

Total points scored for this section: 10 Total possible points for this section: 10



- Standard Inspection procedures should give guidance to state inspectors that insure consistency in all inspections conducted by the state? The following elements should be addressed at a minimum pre-inspection activities, inspection activities, post-inspection activities.
- 2 2

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

GSRB GO112-F and CFR Inspection Procedures Manual. Section II(D-F), Section III(A-G, I, Q, R), Field Inspections 1 thru 6, IV (A-G) Pre-Inspection, Inspection, and Post Inspection activities addressed. Additional procedures manual developed for inspecting Mobile Home Parks and Propane Programs.

2 IMP and DIMP Inspection procedures should give guidance to state inspectors that insure consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, post-inspection activities.

1

1

1

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

GSRB GO112-Fand CFR Inspection Procedures Manual. TIMP - Section III(L) DIMP - Section III(M) Pre-Inspection, Inspection, and Post Inspection activities addressed. For CY2018 comprehensive plan reviews not to exceed every 4 years. Will perform Annual "check-in" with large operators to review IMP program and plan updates. For field verifications inspection staff request schedules of their assigned operators field activities.

3 OQ Inspection procedures should give guidance to state inspectors that insure consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, post-inspection activities.

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

GSRB GO112-F and CFR Inspection Procedures Manual. Sections III(I). Pre-Inspection, Inspection, and Post Inspection activities addressed in throughout Sections II, III and IV.

Damage Prevention Inspection procedures should give guidance to state inspectors that insure consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, post-inspection activities.

1

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

GSRB GO112-F and CFR Inspection Procedures Manual. Pre-Inspection, Inspection, and Post Inspection activities addressed in Section II, III(J), and IV. Improvements made from prior year now detailing specific actions for conducting these inspections?

5 Any operator training conducted should be outlined and appropriately documented as needed.

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes

GSRB GO112-F Inspection Procedures Manual. Section VII(2) - Operator Training

6 Construction Inspection procedures should give guidance to state inspectors that insure consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, post-inspection activities.

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

GSRB GO112-F and CFR Inspection Procedures Manual. Section III (H). also Appendices D & E of GSRB Pipeline Safety Enhancement Program Field Audit Guide.

,	unit,	based on the following elements? 6 No = 0 Needs Improvement = 1-5	0		O
	a.	Length of time since last inspection (Within five year interval)	Yes	No 🔾	Needs Improvement
	b. compl	Operating history of operator/unit and/or location (includes leakage, incident and iance activities)	Yes	No 🔾	Needs Improvement
	c.	Type of activity being undertaken by operators (i.e. construction)	Yes 💿	No 🔘	Needs Improvement
	d. areas,	Locations of operators inspection units being inspected - (HCA's, Geographic Population Density, etc)	Yes •	No 🔾	Needs Improvement
		Process to identify high-risk inspection units that includes all threats - (Excavation ge, Corrosion, Natural Forces, Outside Forces, Material and Welds, Equipment, tors and any Other Factors)	Yes •	No 🔾	Needs Improvement
		Are inspection units broken down appropriately?	Yes 💿	No 🔾	Needs Improvement
b. Se c. Se d, e,	ection I ection I ection I f. Secti	I(C) I(B) also GSRB Inspection Matrix I(B)(7)	s & Tren	ding	
8		ral Comments: Only = No Points	Info On	lyInfo Or	nly
Evaluato	r Notes	:			
No p	oint de	ductions under Part B.			
			1.0		

Total points scored for this section: 13 Total possible points for this section: 13



1	Was ratio of Total Inspection person-days to total person days acceptable? (Director of State Programs may modify with just cause) Chapter 4.3 $Yes = 5 No = 0$	5	:	5
	A. Total Inspection Person Days (Attachment 2): 2835.00			
	B. Total Inspection Person Days Charged to the Program (220 X Inspection Person Years) (Attachment 7): 220 X 24.78 = 5451.96			
	Ratio: A / B 2835.00 / 5451.96 = 0.52			
Evaluator	If Ratio >= 0.38 Then Points = 5, If Ratio < 0.38 Then Points = 0 Points = 5 Notes:			
	Total inspection days/ratio met. No issues.			
2	Has each inspector and program manager fulfilled the T Q Training Requirements? (See Guidelines Appendix C for requirements) Chapter 4.4 Yes = 5 No = 0 Needs Improvement = 1-4	5	:	5
	a. Completion of Required OQ Training before conducting inspection as lead?	Yes	No 🔾	Needs Improvement
	b. Completion of Required DIMP*/IMP Training before conducting inspection as lead? *Effective Evaluation CY2013	Yes •	No 🔾	Needs Improvement
	c. Root Cause Training by at least one inspector/program manager	Yes 💿	No 🔾	Needs Improvement
	d. Note any outside training completed	Yes 🔘	No 💿	Needs Improvement
F14	e. Verify inspector has obtained minimum qualifications to lead any applicable standard inspection as the lead inspector.	Yes •	No 🔾	Needs Improvement
inspe Caus	a) OQ training necessary for conducting OQ inspections completed. b) Inspection staff wheretions as lead have completed all necessary T&Q training. c) 22 Supervisors/inspectors have training. d) No outside training in CY2018 e) Inspectors who conducted standard inspect ecessary T&Q courses.	ve compl	eted the	T&Q Root
3	Did state records and discussions with state pipeline safety program manager indicate adequate knowledge of PHMSA program and regulations? Chapter 4.1,8.1 Yes = 2 No = 0 Needs Improvement = 1	2	NA	A
Evaluator PM p	Notes: Position is currently vacant. Scored as N/A. Position has been posted and due to close on 9/A.	27/19.		
4	Did state respond to Chairman's letter on previous evaluation within 60 days and correct or address any noted deficiencies? (If necessary) Chapter 8.1 Yes = 2 No = 0 Needs Improvement = 1	2		2
		ponse let	ter was re	eceived on
5	Did State conduct or participate in pipeline safety training session or seminar in Past 3 Years? Chapter 8.5 Yes = 1 No = 0	1		1
Evaluator				

Yes. Seminar a was held on 9/27-29/2016. A 2019 seminar was hosted on April 16-17 at CPUC Hdqtrs, San Francisco.



Did inspection form(s) cover all applicable code requirements addressed on Federal Inspection form(s)? Did State complete all applicable portions of inspection forms? Chapter 5.1	2	2
	UC Safet	y & Enforcement
Did the state review operator procedures for determining if exposed cast iron pipe was examined for evidence of graphitization and if necessary remedial action was taken? (NTSB) Chapter 5.1 $_{\text{Yes}} = 1 \text{ No} = 0$	1	NA
r Notes:		
. All known cast iron systems have been replaced in California.		
Did the state review operator procedures for surveillance of cast iron pipelines, including appropriate action resulting from tracking circumferential cracking failures, study of leakage history, or other unusual operating maintenance condition? (Note: See GPTC Appendix G-18 for guidance) (NTSB) Chapter 5.1 Yes = 1 No = 0	1	NA
r Notes:		
. All known cast iron systems have been replaced in California.		
Did the state review operator emergency response procedures for leaks caused by excavation damage near buildings and determine whether the procedures adequately address the possibility of multiple leaks and underground migration of gas into nearby buildings Refer to 4/12/01 letter from PHMSA in response to NTSB recommendation P-00-20 and P-00-21? (NTSB) Chapter 5.1 Yes = 1 No = 0	1	1
r Notes:		
dendale, City of Susanville, City of Coalinga, City of Palo Alto, City of Long Beach, and City	ty of Vict	orville.
Did the state review operator records of previous accidents and failures including	1	1
	Inspection form(s)? Did State complete all applicable portions of inspection forms? Chapter 5.1 Yes = 2 No = 0 Needs Improvement = 1 or Notes: CPUC utilizes the IA for conducting and recording inspection results. The program uses CP ision forms for conducting LPG, MM's, and New Construction inspections. Did the state review operator procedures for determining if exposed cast iron pipe was examined for evidence of graphitization and if necessary remedial action was taken? (NTSB) Chapter 5.1 Yes = 1 No = 0 or Notes: All known cast iron systems have been replaced in California. Did the state review operator procedures for surveillance of cast iron pipelines, including appropriate action resulting from tracking circumferential cracking failures, study of leakage history, or other unusual operating maintenance condition? (Note: See GPTC Appendix G-18 for guidance) (NTSB) Chapter 5.1 Yes = 1 No = 0 or Notes: All known cast iron systems have been replaced in California. Did the state review operator emergency response procedures for leaks caused by excavation damage near buildings and determine whether the procedures adequately address the possibility of multiple leaks and underground migration of gas into nearby buildings Refer to 4/12/01 letter from PHMSA in response to NTSB recommendation P-00-20 and P-00-21? (NTSB) Chapter 5.1 Yes = 1 No = 0 or Notes: Reviewed IA Procedure inspection reports for SDG&E-South, PG&E-Hdqtrs, SEMPRA (Selendale, City of Susanville, City of Coalinga, City of Palo Alto, City of Long Beach, and Cited and City of Susanville, City of Coalinga, City of Palo Alto, City of Long Beach, and City of Susanville, City of Coalinga, City of Palo Alto, City of Long Beach, and City of Susanville, City of Coalinga, City of Palo Alto, City of Long Beach, and City of Susanville, City of Coalinga, City of Palo Alto, City of Long Beach, and City of Susanville, City of Coalinga, City of Palo Alto, City of Long Beach, and City of Coalinga, City of Palo Alto, City of Long Beach, and City of Coalinga, City of	Inspection form(s)? Did State complete all applicable portions of inspection forms? Chapter 5.1 Yes = 2 No = 0 Needs Improvement = 1 or Notes: CPUC utilizes the IA for conducting and recording inspection results. The program uses CPUC Safet ision forms for conducting LPG, MM's, and New Construction inspections. Did the state review operator procedures for determining if exposed cast iron pipe was examined for evidence of graphitization and if necessary remedial action was taken? (NTSB) Chapter 5.1 Yes = 1 No = 0 or Notes: All known cast iron systems have been replaced in California. Did the state review operator procedures for surveillance of cast iron pipelines, including appropriate action resulting from tracking circumferential cracking failures, study of leakage history, or other unusual operating maintenance condition? (Note: See GPTC Appendix G-18 for guidance) (NTSB) Chapter 5.1 Yes = 1 No = 0 or Notes: All known cast iron systems have been replaced in California. Did the state review operator emergency response procedures for leaks caused by excavation damage near buildings and determine whether the procedures adequately address the possibility of multiple leaks and underground migration of gas into nearby buildings Refer to 4/12/01 letter from PHMSA in response to NTSB recommendation P-00-20 and P-00-21? (NTSB) Chapter 5.1 Yes = 1 No = 0 or Notes: Reviewed IA Procedure inspection reports for SDG&E-South, PG&E-Hdqtrs, SEMPRA (So Cal Garllendale, City of Susanville, City of Coalinga, City of Palo Alto, City of Long Beach, and City of Victional City of Vict

Did state inspect all types of operators and inspection units in accordance with time

2015-2018. A three-point deduction for not meeting the established maximum time intervals.

seven years. They will be revising their procedures to reflect the 5 year maximum interval requirement.

No. As of CY2018 the CPUC has 643 LPG Operators/Units (O/U). A total of 470 LPG O/U's were inspected between CY's 2014-2018. Master Meter O/U's inspected 1784 of 2504. Interval not met in part due to high profile incidents resulting in a shift to inspection scheduling. A total of 1357 field inspection days for incident investigations reported in PR's for CY's

The program is currently conducting a pilot program to eliminate MM's. As of 9/24/2019 the number of MM's has been

The CPUC has approved for inclusion in the program an additional 1827 mobile home parks for conversion. The CPUC GSRB Mobile Home Park & Propane Program Inspection Procedure Manual puts the inspection interval at not to exceed

Yes. Reviewed IA R & O Standard Inspection reports for SDG&E (Borrego Springs, SE-Desert, South; So Cal Gas (SE-Desert, Inland South, North Valley); SW Gas (Needles, North); PG&E (North Bay, Peninsula, Central Coast, Mission, East

intervals established in written procedures? Chapter 5.1

Yes = 5 No = 0 Needs Improvement = 1-4

required by 192.617? Chapter 5.1

Yes = 1 No = 0

Bay Division).

DUNS: 947393922

2018 Gas State Program Evaluation

6

reduced to 2153.

5

2

Has the state reviewed Operator Annual reports, along with Incident/Accident reports, for 2 accuracy and analyzed data for trends and operator issues?

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes. Staff are assigned to review and document reports. Data is used in part to prioritize inspections/inspection activities. Pipeline mileage and material type tracked in the "CY2018 Jurisdictional Operators Annual Report Analysis & Trends" spreadsheet.

Has state confirmed intrastate transmission operators have submitted information into NPMS database along with changes made after original submission?

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Annual check-in meetings conducted. Reviewed meeting agendas/minutes. One operator cited in CY2019 as not submitting NPMS update.

Is the state verifying operators are conducting drug and alcohol tests as required by regulations? This should include verifying positive tests are responded to in accordance with program. 49 CFR 199

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

None conducted in CY2018. Five D&A's conducted in CY2017. A total of 52 D&A inspections conducted between CY's 2010-2018. Reminded Acting PM to use PHMSA Form 3.1.11 (excluding protocols O & P) to conduct comprehensive D&A inspections not to exceed the programs stipulated interval (4yrs) between inspections.

Is state verifying operators OQ programs are up to date? This should include verification of any plan updates and that persons performing covered tasks (including contractors) are properly qualified and requalified at intervals determined in the operators plan. 49 CFR

192 Part N

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes. Reviewed IA R & O Standard Inspection reports for OQ Field Verification. SDG&E (Borrego Springs, SE-Desert, South; So Cal Gas (SE-Desert, Inland South, North Valley); SW Gas (Needles, North); PG&E (North Bay, Peninsula, Central Coast, Mission, East Bay Division). OQ plan reviews performed (SD&G-South, PG&E, SEMPRA, City of Glendale, Gill Ranch Storage)

Is state verifying operator's gas transmission integrity management programs (IMP) are up to date? This should include a previous review of IMP plan, along with monitoring progress on operator tests and remedial actions. In addition, the review should take in to account program review and updates of operators plan(s). (Are the State's largest operators programs being contacted or reviewed annually? Are replies to Operator IM notifications addressed? (formerly part of Question C-13)). 49 CFR 192 Subpart 0 Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

Yes. Reviewed IA TIMP inspection reports for SEMPRA (So Cal Gas & SDG&E) and PG&E.

Follow-up reviews of the comprehensive Integrity Management programs conduct at intervals not exceeding 3 calendar years. The program may extend this to four years. IMP Annual check-ins with the largest operators on off years to focus on different elements of the TIMP program. Inspectors are assigned to conduct TIM field inspections of the work being performed on pipeline facilities.

Is state verifying operator's gas distribution integrity management Programs (DIMP)? This should include a review of DIMP plans, along with monitoring progress. In addition, the review should take in to account program review and updates of operators plan(s). (Are the State's largest operators programs being contacted or reviewed annually?). 49 CFR 192 Subpart P

Yes = 2 No = 0 Needs Improvement = 1

,

2

2

1

2

2

	public). Yes = 1 No = 0 Needs Improvement = .5		
Evaluato			
	, as noted in last evaluation the CPUC provides information on inspections, enforcement. Has rmation for small operators on their web site. Presentations conducted at public hearings and		
	dent investigations made available on web site via public records request.	commissi	on meetings.
	dent investigations made available on web site via public records request.		
20	Did state execute appropriate follow-up actions to Safety Related Condition (SRC) Reports? Chapter 6.3 Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluato			
	SRC's reported in CY2018. None remain open. The CPUC assigns TIMP and DIMP Process Consibility for reviewing every SRC report. SRC processing/assignments and updates now process.	,	/
21	Did the State ask Operators to identify any plastic pipe and components that has shown a record of defects/leaks and what those operators are doing to mitigate the safety concerns?	1	1
Evaluato	Yes = 1 No = 0 Needs Improvement = .5		
	of annual check-in's conducted. Program considering sending annual letter to operators reque	esting upd	ates.
22	Did the state participate in/respond to surveys or information requests from NAPSR or	1	1
22	PHMSA? Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluato	or Notes:		
Yes	. Reviewed three survey responses.		
23	If the State has issued any waivers/special permits for any operator, has the state verified conditions of those waivers/special permits are being met? This should include having the operator amend procedures where appropriate. No = 0 Needs Improvement = .5 Yes = 1	1	1
Evaluato			
	re are presently no open waivers/special permits. The CPUC worked with the PHMSA Standard those posted on the PHMSA web site removed.	ards and R	ulemaking gr
24	Did the state attend the NAPSR National Meeting in CY being evaluated?	1	1

No DIMP reviews in CY2018. The CPUC receives weekly reports of construction and maintenance activities including work

CPUC conducts DIMP Annual check-in with the large operators on the off years for program and plan updates. They conduct

full DIMP inspections not exceeding 3 calendar years. The interval may be extended up to four years.

followed. State should also verify operators have evaluated Public Awareness programs for effectiveness as described in RP1162. PAPEI Effectiveness Inspections should be

Is state verifying operators Public Awareness programs are up to date and being

Yes. Reviewed PA and PAPEI inspections for SW Gas and SEMPRA (So Cal Gas & SDG&E).

Does the state have a mechanism for communicating with stakeholders - other than state

pipeline safety seminar? (This should include making enforcement cases available to

conducted every four years by operators. 49 CFR 192.616

Yes = 2 No = 0 Needs Improvement = 1

1 1 juesting updates. 1 1 1 dards and Rulemaking group 1 1 CALIFORNIA PUBLIC UTILITIES COMMISSION, Page: 10

2

1

2

1



Evaluator Notes:

No = 0 Needs Improvement = .5 Yes = 1

Evaluator Notes:

18

19

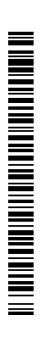
Evaluator Notes:

related to DIM.

	25	site	cussion on State Program Performance Metrics found on Stakeholder Communication - http://primis.phmsa.dot.gov/comm/states.htm = 0 Needs Improvement = 1 Yes = 2	2		2
		a.	Discussion of Potential Accelerated Actions (AA's) based on any negative trends	Yes •	No 🔾	Needs Improvement
		b.	NTSB P-11-20 Meaningful Metrics	Yes •	No 🔾	Needs Improvement
Eva	Dam days pipe Pipe num Enfo	s per 1 line. I line in ber of	beer 1000 locate tickets have dropped to their lowest level, (2.90) since starting to collect to the fourth year in a row to 13 inspection days from the fourth year in a row to 13 inspection days from the fourth year in a row to 13 inspection days from the following per MMO/LPG have increase three fold over 2017 to .19 day per MMO aspector qualification has improved dramatically over previous years. Gas distribution the leaks repaired per 1000 miles is up some from 2017 and the leaks scheduled for repair the program evaluation score has stayed the same for 2016 and 2017. Incident investign 1015 - 2017.	or every O/LPG o system l red has s	1000 mi operator i leaks sho tayed the	Inspection iles of gas in 2018. ow that the e same.
Eva	Disc	Insp No = or Note cussed	cussion with State on accuracy of inspection day information submitted into State ection Day Calculation Tool (SICT) Has the State updated SICT data? = 0 Yes = 1 es: Tool was updated in CY2018. No significant changes to inspections day calculation a staffing needs.	1 and have		1 ntified any
Eva	N/A oper	Proc Need or Note no flo rators.	the State verify Operators took appropriate action regarding Pipeline Flow Reversals, duct Changes and Conversions to Service? See ADP-2014-04 dis Improvement = .5 No = 0 Yes = 1 ses: but reversal, product changes, and/or conversion to service. Has sent out past PHMSA Have received operator responses concerning changes. Program considering sending a updates.			ns to
Eva	C-6.	Info r Note Three	Only = No Points	Info Only		
			Total points see Total possible po			

Does the state have written procedures to identify steps to be taken from the discovery to resolution of a probable violation? Chapter 5.1	4	4	4
Yes = 4 No = 0 Needs Improvement = 1-3 a. Procedures to notify an operator (company officer) when a noncompliance is identified	Yes •	No 🔾	Needs Improvement
b. Procedures to routinely review progress of compliance actions to prevent delays or breakdowns	Yes •	No 🔾	Needs Improvement
c. Procedures regarding closing outstanding probable violations	Yes •	No 🔾	Needs Improvement
Evaluator Notes: Yes. Sections IV (Post Inspection Documentation), V (Compliance Enforcement), and VI (Re-In Inspection Procedures Manual. Also the GSRB Internal Citation Procedure. Program to update p process/milestones for moving AOC's to PV status.		/	
Did the state follow compliance procedures (from discovery to resolution) and adequately document all probable violations, including what resolution or further course of action is needed to gain compliance? (Incident Investigations do not need to meet 30/90 day requirement) Chapter 5.1 Yes = 4 No = 0 Needs Improvement = 1-3	4	3	3
a. Were compliance actions sent to company officer or manager/board member if municipal/government system?	Yes •	No 🔾	Needs Improvement
b. Document probable violations	Yes •	No 🔾	$\underset{Improvement}{\text{Needs}}\bigcirc$
c. Resolve probable violations	Yes 💿	No 🔾	Needs Improvement
d. Routinely review progress of probable violations	Yes •	No 🔾	Needs Improvement
e. Within 30 days, conduct a post-inspection briefing with the owner or operator of the gas or hazardous liquid pipeline facility inspected outlining any concerns; and	Yes •	No 🔾	Needs Improvement
f. Within 90 days, to the extent practicable, provide the owner or operator with written preliminary findings of the inspection.	Yes 🔾	No •	Needs Improvement
Evaluator Notes: One-point deduction for exceeding the 90 written notice for the following inspections. Sempra (O&M) Insp dates 1/8-12/2018. Exceeded by 43 days. So Cal Gas (South Desert Trans) Insp dates 1/25-2/09/2018. Exceeded by 5 days PG&E (East Bay) Insp Dates 2/5-16/2018. Exceeded by 8 days.			
3 Did the state issue compliance actions for all probable violations discovered? Yes = 2 No = 0 Needs Improvement = 1 Evaluator Notes:	2	2	2
Yes, this was verified by reviewing the inspection/enforcement records for 2018.			
Did compliance actions give reasonable due process to all parties? Including "show cause" hearing if necessary. Yes = 2 No = 0	2	2	2
Evaluator Notes: Yes, the information can be found in the SED - Citations procedure that was effective on 3/25/20 proceedings in Resolution ALJ 274.)15 and	for forma	ıl
5 Is the program manager familiar with state process for imposing civil penalties? Were civil penalties considered for repeat violations (with severity consideration) or violations resulting in incidents/accidents? (describe any actions taken) Yes = 2 No = 0 Needs Improvement = 1 Evaluator Notes:	2	N.A	Α

The state representative at the CY2018 evaluation is in an acting capacity at this time.



6 Can the State demonstrate it is using their enforcement fining authority for pipeline safety 1 violations?

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

Yes, the CaPUC assessed \$5,350,000.00 in civil penalties in 2018. Dollars collected were \$5,150,000.00

General Comments:

Info Only = No Points

Info OnlyInfo Only

Evaluator Notes:

D-2 One-point deduction for not meeting 90 day written notice requirement.

D-5 Scored as N/A. Acting PM in position currently.

Total points scored for this section: 12 Total possible points for this section: 13



1	Does the state have written procedures to address state actions in the event of an incident/accident? Yes = 2 No = 0 Needs Improvement = 1	2		2
Evaluate	or Notes:			
	s. Reviewed the CPUC-GSRB incident and investigations procedures manual.			
2	Does state have adequate mechanism to receive and respond to operator reports of incidents, including after-hours reports? And did state keep adequate records of Incident/Accident notifications received? Chapter 6 Yes = 2 No = 0 Needs Improvement = 1	2		2
	a. Acknowledgement of MOU between NTSB and PHMSA (Appendix D)	Yes (•)	No ()	Needs
	b. Acknowledgement of Federal/State Cooperation in case of incident/accident		_	Improvement Needs
	(Appendix E)	Yes •	No 🔾	Improvement
	or Notes:		2	
Yes	s. The program has a mechanism for receiving and responding to operator reports of incident	s includi	ng after-	hours.
3	If onsite investigation was not made, did state obtain sufficient information from the operator and/or by other means to determine the facts to support the decision to not go on-site? Chapter 6 Yes = 1 No = 0 Needs Improvement = .5	1		1
Evaluate	or Notes:			
Yes	s, the language for this can be found on pages 5-7 in the incident and investigation procedure	s manua	l.	
4	Were all incidents investigated, thoroughly documented, and with conclusions and recommendations? Yes = 3 No = 0 Needs Improvement = 1-2	3		2
	a. Observations and document review	Yes ()	No ()	Needs
	b. Contributing Factors	Yes ()	No ()	Improvement Needs
	-	· ·		Improvement Needs
	c. Recommendations to prevent recurrences when appropriate	Yes 🔘	No 🔾	Improvement
Alti the	or Notes: hough progress had been made over a few years, all incidents investigated and documented for is too large of a time lapse between occurrence and reports being written or recommendation to. The process was not being monitored or conducted as outlined in their procedures.			iewed and
5	Did the state initiate compliance action for violations found during any incident/accident investigation? $Yes = 1 No = 0$	1	0.	.5
Evaluate	or Notes:			
	found on incident NRC#1206479 for PG&E on 3/10/2018 was not sent to the operator until days) This is too large of a time lapse between occurrence and compliance action being taken). (18 mc	onths - over
6	Did the state assist Region Office or Accident Investigation Division (AID) by taking appropriate follow-up actions related to the operator incident reports to ensure accuracy and final report has been received by PHMSA? (validate report data from operators concerning incidents/accidents and investigate discrepancies) Chapter 6 Yes = 1 No = 0 Needs Improvement = .5	1		1
Evaluate	or Notes:			
Yes	s, the state has worked with AID.			

Does state share lessons learned from incidents/accidents? (sharing information, such as:

at NAPSR Region meetings, state seminars, etc)

1

Yes = 1 No = 0

Evaluator Notes:

Yes, the state shares lessons learned with other Western Region states at the annual NAPSR WR meeting.

8 General Comments:

Info OnlyInfo Only

Info Only = No Points Evaluator Notes:

E-4Although progress had been made over a few years, all incidents investigated and documented for 2018 were reviewed and there is too large of a time lapse between occurrence and reports being written or recommendations sent to company to respond to. The process was not being monitored or conducted as outlined in their procedures. Loss of 1 point

E-5 PV found on incident NRC#1206479 for PG&E on 3/10/2018 was not sent to the operator until 9/6/2019. (18 months over 540 days) This is too large of a time lapse between occurrence and compliance action being taken. Loss on .5 points

Total points scored for this section: 9.5 Total possible points for this section: 11



Evaluator Notes:

Yes. Damage data collected via DIRT and through quarterly damage reports received.

5 Info OnlyInfo Only General Comments: Info Only = No Points

Evaluator Notes:

No point deductions under Part F.

Total points scored for this section: 8 Total possible points for this section: 8



Operator, Inspector, Location, Date and PHMSA Representative Info Only = No Points Info OnlyInfo Only

Name of Operator Inspected:

1. West Coast Gas 2. Southern California Edison 3. Pacific Gas & Electric 4. So Cal Gas

Name of State Inspector(s) Observed:

1. Sunil Shori, Desmond Lew, Alula Gebremedhin 2. Durga Shrestha, Desmond Lew, Mahmoud (Steve) Intably 3. Jason McMillan, Paul Penny, Alula Gebremedhin, Damitry Lysak, Terrence Eng

Location of Inspection:

1. Sacramento, CA 2. Avalon, CA (Catalina Island) 3. Fresno, CA. 4. Compton, CA

Date of Inspection:

1. 3/13-14/2019 2. 3/18-22/2019 3. 3/4-8/2019 4. 5/6-10/2019

Name of PHMSA Representative:

1 & 2 ? David Lykken 3&4 - Michael Thompson

Evaluator Notes:

- 1. Observed a comprehensive review of West Coast Gas's damage prevention program.
- 2. Observed a standard inspection of Southern California Edison's LPG distribution system including a review of O&M procedures, operating records and LPG facilities. This inspection also covered a review of the operators small LPG DIMP program.
- 3. Observed a portion of a standard inspection on both the records and field maintenance of the PG&E Transmission Line facilities around Fresno, CA.
- 4. Observed a portion of a standard inspection, both field and records for So Cal Gas distribution in Compton, CA.
- Was the operator or operator's representative notified and/or given the opportunity to be present during inspection?

 Yes = 1 No = 0

Evaluator Notes:

- 1&2. Yes, the operators were notified by the CAPUC via correspondence back in December 2018 and were represented at the time of the inspections.
- 3&4, Yes, the operator was informed of this inspection after the CPUC schedule was developed in December 2018, and was also communicated with by E-mail prior to the inspection date.
- Did the inspector use an appropriate inspection form/checklist and was the form/checklist 2 used as a guide for the inspection? (New regulations shall be incorporated)

 Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

- 1. Yes, the IA application was used for this inspection. It is the CAPUC's policy to conduct all inspections utilizing the IA application. It was noted during this inspection that the IA GD question set only includes one procedural and one records question whereas the IA GT question set has a total of nine damage prevention questions. Five procedural, one record, and one observation question of the nine total also apply to gas distribution systems. The CAPUC used a modified form in addition to the IA to create a more comprehensive inspection form. For continuity it is suggest that the CAPUC assign a form number to this modified form and make it a part of their form library. This completed form can then be uploaded into any relevant IA inspection.
- 2. Yes. The IA MM/Small LPG Gas Distribution form, CAPUC LP-Gas Distribution form and the IA OQ Form 15 (Field Validation) were utilized.
- 3. Yes, the team used IA to conduct this inspection. Jason McMillan, (Lead) developed the inspection of 106 questions and split up the work between three teams of two during the inspection. Some questions were covered by the group as a whole.
- 4. Yes, the inspection was done using IA. The lead inspector developed the questions in coordination with the team and then split up the areas of focus between the members.



10 1		eam of inspectors is able to input their findings into IA and then at the end of the ingrees on the final finding for the inspection report.	ispection to	ie team as a whole
		eam of inspectors is able to input their findings into IA and then at the end of the ingrees on the final finding for the inspection report.	spection th	ne team as a whole
5		inspector check to see if the operator had necessary equipment during inspection act tasks viewed? (Maps,pyrometer,soap spray,CGI,etc.)	1	1
1.	or Notes: Yes. uipment.	Inspector verified procedure used by operator and calibration method and test reco	rds for pip	e locating
2. equ		Inspectors verified instrument calibration checks where necessary as well as checked by the operator such as pipeline locating equipment and CGI's.	ing the gen	neral condition of
qua		pectors did check the calibration dates for required equipment used by the operator for those employees conducting covered tasks. They also reviewed procedures and		
qua		pectors did check the calibration dates for required equipment used by the operator for those employees conducting covered tasks. They also reviewed procedures and		
_	Did the	inspector adequately review the following during the field portion of the state	2	2
6	evaluati	on? (check all that apply on list) No = 0 Needs Improvement = 1		
6	evaluati	on? (check all that apply on list) No = 0 Needs Improvement = 1 Procedures	\boxtimes	
6	evaluati Yes = 2 N	$N_0 = 0$ Needs Improvement = 1	\boxtimes	
6	evaluati Yes = 21 a.	No = 0 Needs Improvement = 1 Procedures		
	evaluati Yes = 2 1 a. b. c. d.	No = 0 Needs Improvement = 1 Procedures Records	\boxtimes	
Evaluato 1. 2.	evaluati Yes = 2 N a. b. c. d. or Notes: Inspec	No = 0 Needs Improvement = 1 Procedures Records Field Activities	⊠ ⊠ □ ved at oper	•
Evaluato 1. 2. reco 3. Y	evaluati Yes = 2 M a. b. c. d. or Notes: Inspectords review Yes, record	No = 0 Needs Improvement = 1 Procedures Records Field Activities Other (please comment) ectors reviewed procedures for field activities being observed. Records were reviewed cotors conducted a procedure and records review at the operator's facility. Field site	⊠ ⊠ □ ved at oper visits sele	ected based on the
Evaluato 1. 2. reco 3. Y field	evaluati Yes = 2 N a. b. c. d. or Notes: Inspectords review Yes, record d sites wer	No = 0 Needs Improvement = 1 Procedures Records Field Activities Other (please comment) Actors reviewed procedures for field activities being observed. Records were reviewed rectors conducted a procedure and records review at the operator's facility. Field site of an arandom selection of facilities. Als were reviewed at the operator's facility, and procedures were reviewed during field.	ved at oper visits sele	ected based on the its. The location of

1 & 2. Yes. Inspection teams demonstrated good knowledge of regulations and program specifics.

Yes. CPUC inspectors took detailed notes of observations noted during both the records review and field check of

4

Evaluator Notes:

Did the inspector thoroughly document results of the inspection?

Inspectors appeared to take very good notes of all observations.

Yes = 2 No = 0 Needs Improvement = 1

2

proc 2.	Concern identified related to accuracy of distribution maps, calibration records of leak detection equipment, open procedures, and Public Awareness plan.			
wer and soil	e found to one regula	le PVs and concerns were raised during the interview. There were regular be out of date, valves found in station that were not rated to the MAOP ator failed to lock up due to sulfur build up on the regulator boot and cag of five different spans on their transmission line that were in need of matter.	in effect at the time of the inspection ge/strainer. There were some pipeline	
4. Y	es, the CP	UC listed several PV's and issues in the final exit interview.		
10	descript with Otl Other.	Comments: 1) What did the inspector observe in the field? (Narrative ion of field observations and how inspector performed) 2) Best Practices her States - (Field - could be from operator visited or state inspector practices are No Points		
	a.	Abandonment		
	b.	Abnormal Operations		
	c.	Break-Out Tanks		
	d.	Compressor or Pump Stations		
	e.	Change in Class Location		
	f.	Casings	\boxtimes	
	g.	Cathodic Protection	\boxtimes	
	h.	Cast-iron Replacement		
	i.	Damage Prevention		
	i. j.	Damage Prevention Deactivation		
	i. j. k.	Damage Prevention Deactivation Emergency Procedures		
	i. j.	Damage Prevention Deactivation		

3. Yes, the inspection team was made up of experienced and newer inspectors. The more experienced inspectors showed

4. Yes, Gordon Kuo was newer inspector with three years experience, but the rest of the team had between 5 and 15 years

4. Yes, the team held a meeting at the end of each day in the field to discuss issues and concerns. They also provided me with

1

1

good knowledge of the pipeline safety program and regulations and shared that with the newer inspectors.

Did the inspector conduct an exit interview? (If inspection is not totally complete the

3. Yes, Findings and requests for additional records/information where discussed during the interview.

During the exit interview, did the inspector identify probable violations found during the

interview should be based on areas covered during time of field evaluation)

1 & 2. Yes. Findings and areas of concern were discussed at that time.

the findings covered with the operator on the last day of the inspection.



2018 Gas State Program Evaluation

experience.

Yes = 1 No = 0

Yes = 1 No = 0

inspections? (if applicable)

8

9

Evaluator Notes:

Evaluator Notes:

=	
=	

0.	Leak Surveys	\boxtimes
p.	MOP	
q.	MAOP	\boxtimes
r.	Moving Pipe	
S.	New Construction	
t.	Navigable Waterway Crossings	
u.	Odorization	\boxtimes
V.	Overpressure Safety Devices	\boxtimes
W.	Plastic Pipe Installation	
X.	Public Education	\boxtimes
y.	Purging	
Z.	Prevention of Accidental Ignition	
A.	Repairs	
B.	Signs	\boxtimes
C.	Tapping	
D.	Valve Maintenance	\boxtimes
E.	Vault Maintenance	
F.	Welding	
G.	OQ - Operator Qualification	\boxtimes
H.	Compliance Follow-up	
I.	Atmospheric Corrosion	\boxtimes
J.	Other	

Evaluator Notes:

Question F3. It was noted during this inspection that the IA GD question set only includes one procedural and one records question whereas the IA GT question set has a total of nine damage prevention questions. Five procedural, one record, and one observation question of the nine total also apply to gas distribution systems. I will be recommending to the IA Task team that the GD Question set also incorporate the five relevant DP question found in the GT question set.

Total points scored for this section: 12 Total possible points for this section: 12

PAR'	Γ H - Interstate Agent State (If Applicable)	oints(MAX)	Score
1	Did the state use the current federal inspection form(s)? Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluat	or Notes:		
N/A	A. Does not have an interstate agent agreement.		
2	Are results documented demonstrating inspection units were reviewed in accordance v "PHMSA directed inspection plan"? Yes = 1 No = 0 Needs Improvement = .5	with 1	NA
	or Notes:		
N/A	A. Does not have an interstate agent agreement.		
3	Did the state submit documentation of the inspections within 60 days as stated in its la Interstate Agent Agreement form? Yes = 1 No = 0 Needs Improvement = .5	atest 1	NA
	or Notes: A. Does not have an interstate agent agreement.		
11/7	A. Does not have an interstate agent agreement.		
4	Were probable violations identified by state referred to PHMSA for compliance? (NO PHMSA representative has discretion to delete question or adjust points, as appropriat based on number of probable violations; any change requires written explanation.) Yes = 1 No = 0 Needs Improvement = .5		NA
	or Notes:		
N/A	A. Does not have an interstate agent agreement.		
5	Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluat	or Notes:		
N/A	A. Does not have an interstate agent agreement.		
6	Did the state give written notice to PHMSA within 60 days of all probable violations found? Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluat	or Notes:		
N/A	A. Does not have an interstate agent agreement.		
7	Did the state initially submit documentation to support compliance action by PHMSA probable violations? Yes = 1 No = 0 Needs Improvement = .5	on 1	NA
Evaluat	Yes = 1 No = 0 Needs Improvement = .5 or Notes:		
	A. Does not have an interstate agent agreement.		
8	General Comments:	Info Onlyli	nfo Onlv
-	Info Only = No Points	J -	<i>)</i>
Evaluat	or Notes:		

Total points scored for this section: 0 Total possible points for this section: 0



Part H is N/A.

Did the state use the current federal inspection form(s)?

1

T 1	Yes = 1 No = 0 Needs Improvement = .5		
Evaluato Yes	or Notes: The program utilizes the IA to document inspection results. Inspection planning/question se	lection a	approved by WR.
2	Are results documented demonstrating inspection units were reviewed in accordance with state inspection plan? Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluato		.4:	ulta mated Wards
	. No issues. Inspections identified in the CPUC work plan were reviewed in the IA and inspect for next CY is submitted to WR for review.	tion res	uns noted. Work
3	Were any probable violations identified by state referred to PHMSA for compliance? (NOTE: PHMSA representative has discretion to delete question or adjust points, as appropriate, based on number of probable violations; any change requires written explanation.) Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluato			
	. A number of UnSats and AOC results were identified. The IA was utilized to perform inspelts. PHMSA WR personnel are listed as Supervisory and Director team members to approve		
4	Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluato			
N/A	. No hazardous conditions identified.		
5	Did the state give written notice to PHMSA within 60 days of all probable violations found? Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluato			
	. Inspections results submitted to WR via the IA as an assigned task for review by PHMSA S	uperviso	or.
6	Did the state initially submit adequate documentation to support compliance action by PHMSA on probable violations? Yes = 1 No = 0 Needs Improvement = .5	1	1

Yes. No issues identified. PHMSA personnel are listed as Supervisory and Director team members to approve and finalize all

1

60106 inspections.

7 General Comments: Info Only = No Points

Info OnlyInfo Only

Evaluator Notes:

No point deductions. Question I-4 marked as N/A.

Total points scored for this section: 5 Total possible points for this section: 5