

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



September 10, 2019

Advice Letter 4096-G

Erik Jacobson
Director, Regulatory Relations
Pacific Gas and Electric Company
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, CA 94177

**SUBJECT: Information-Only Submittal Regarding \$850 Million Shareholder Penalty
Annual Accounting Report.**

Dear Mr. Jacobson:

Advice Letter 4096-G is effective as of May 1, 2019.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph
Deputy Executive Director for Energy and Climate Policy/
Director, Energy Division

May 1, 2019

Advice 4096-G

(Pacific Gas and Electric Company ID U 39 G)

Public Utilities Commission of the State of California

**Subject: Information-Only Submittal Regarding \$850 Million Shareholder
Penalty Annual Accounting Report****Purpose**

Pacific Gas and Electric Company (PG&E) submits this Informational-only advice letter to provide an annual accounting of the Shareholder Funded Gas Transmission Safety Account pursuant to the California Public Utilities Commission (CPUC or Commission) Decision (D.) 15-04-024 on Fines and Remedies to Be Imposed on Pacific Gas and Electric Company for Specific Violations in Connection with the Operation and Practices of Its Natural Gas Transmission System Pipelines (Penalty Decision).

Background

On April 9, 2015, the CPUC issued D.15-04-024, which among other items, ordered PG&E to establish the Shareholder Funded Gas Transmission Safety Account (SFGTSA) and provide a detailed accounting pursuant to Ordering Paragraph 10.

Report Summary

On December 5, 2016, the Commission issued its final 2015 Gas Transmission and Storage (GT&S) Decision (D.16-12-010) which authorized final revenue requirements for PG&E's gas transmission and storage operations for the period 2015-2018. In the decision, the Commission adopted PG&E's proposed programs and projects which met the "safety-related" definition and removed from PG&E's authorized revenue requirements amounts to be funded by shareholders.¹

The Penalty Decision directed PG&E to submit a detailed accounting annually by May 1 following the Commission's determination in PG&E's 2015 GT&S rate case (A.13-12-012). PG&E is providing its third annual report for the period January 1, 2018 through

¹ In D.15-04-024, p. 96, the CPUC established the definition of "safety-related" capital and expenses for purposes of fulfilling the \$850 million shareholder penalty.

December 31, 2018 in compliance with the requirements pursuant to Section 6.1 of the Penalty Decision.²

Protests

This is an information-only advice letter submittal. Pursuant to General Order 96-B Section 6.2, PG&E is not seeking relief through this advice letter and is not subject to protest. Instead, PG&E is reporting progress towards fulfilling the \$850 million shareholder penalty.

Effective Date

PG&E requests that this information-only advice submittal become effective May 1, 2019, the date of submittal.

Notice

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the attached list and the service lists for I.11-02-016, I.11-11-009, I.12-01-007 and A.13-12-012. Address changes to the General Order 96-B service list should be directed to PG&E at email address PGETariffs@pge.com. For changes to any other service list, please contact the Commission's Process Office at (415) 703-2021 or at Process_Office@cpuc.ca.gov. Send all electronic approvals to PGETariffs@pge.com. Advice letter submittals can also be accessed electronically at: <http://www.pge.com/tariffs/>.

/S/

Erik Jacobson
Director, Regulatory Relations

- Attachment A - Pacific Gas and Electric Company's 2018 Annual Accounting Report for \$850 Million Shareholder Penalty
- Attachment B - Shareholder Funded Gas Transmission Safety Account
- Attachment C - Shareholder Expense Accounting Detail – Public Version³
- Attachment D - Shareholder Capital Accounting Detail – Public Version³
- Attachment E - Major Work Category/Maintenance Activity Type Accounting Codes

cc: Service lists:

- I.11-02-016 Gas Transmission System Records OII
- I.11-11-009 Gas Transmission System Class Location OII
- I.12-01-007 San Bruno Fire and Explosion OII

² D.15-05-024 p.99-100

³ PG&E has provided a confidential version to Energy Division

A.13-12-012 2015 GT&S Rate Case
A.17-11-009 2019 GT&S Rate Case



ADVICE LETTER SUMMARY

ENERGY UTILITY



MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No.: Pacific Gas and Electric Company (ID U39 G)

Utility type:

- ELC GAS WATER
 PLC HEAT

Contact Person: Annie Ho

Phone #: (415) 973-8794

E-mail: PGETariffs@pge.com

E-mail Disposition Notice to: AMHP@pge.com

EXPLANATION OF UTILITY TYPE

ELC = Electric GAS = Gas WATER = Water
 PLC = Pipeline HEAT = Heat

(Date Submitted / Received Stamp by CPUC)

Advice Letter (AL) #: 4096-G

Tier Designation: Info-Only

Subject of AL: Information-Only Submittal Regarding \$850 Million Shareholder Penalty Annual Accounting Report

Keywords (choose from CPUC listing): Compliance,

AL Type: Monthly Quarterly Annual One-Time Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #: D.15-04-027

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: No

Summarize differences between the AL and the prior withdrawn or rejected AL:

Confidential treatment requested? Yes No

If yes, specification of confidential information: Yes. See the attached matrix
 Confidential information will be made available to appropriate parties who execute a nondisclosure agreement. Name and contact information to request nondisclosure agreement/ access to confidential information: Robert J. Silicani, (925) 328-5400

Resolution required? Yes No

Requested effective date: 5/1/19

No. of tariff sheets: N/A

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: N/A

Service affected and changes proposed¹: N/A

Pending advice letters that revise the same tariff sheets: N/A

¹Discuss in AL if more space is needed.

Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this submittal, unless otherwise authorized by the Commission, and shall be sent to:

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, CA 94102
Email: EDTariffUnit@cpuc.ca.gov

Name: Erik Jacobson, c/o Megan Lawson
Title: Director, Regulatory Relations
Utility Name: Pacific Gas and Electric Company
Address: 77 Beale Street, Mail Code B13U
City: San Francisco, CA 94177
State: California Zip: 94177
Telephone (xxx) xxx-xxxx: (415)973-2093
Facsimile (xxx) xxx-xxxx: (415)973-3582
Email: PGETariffs@pge.com

Name:
Title:
Utility Name:
Address:
City:
State: District of Columbia Zip:
Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email:

Confidentiality Declaration

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

**DECLARATION SUPPORTING CONFIDENTIAL DESIGNATION
ON BEHALF OF
PACIFIC GAS AND ELECTRIC COMPANY (U 39 E)**

1. I, Robert J. Silicani, am a/the Senior Compliance Specialist, Gas Operations Support of Pacific Gas and Electric Company (“PG&E”), a California corporation. Melvin Christopher, the Vice President, Gas Transmission & Distribution Operations of PG&E, delegated authority to me to sign this declaration. My business office is located at:

Pacific Gas and Electric Company
6111 Bollinger Canyon Road
Mailstop BR1Y4B
San Ramon, CA 94583

2. PG&E will produce the information identified in paragraph 3 of this Declaration to the California Public Utilities Commission (“CPUC”) or departments within or contractors retained by the CPUC in response to a CPUC audit, data request, proceeding, or other CPUC request.

Name or Docket No. of CPUC Proceeding (if applicable): 12-01-007.

3. Title and description of document(s):

Attachment No.	Title	Description
C	00_SanBrunoExplosion-FireOII_Report_PGE_20190501-AtchC-CONF.xlsx	Accounting Detail Spreadsheet
D	00_SanBrunoExplosion-FireOII_Report_PGE_20190501-AtchD-CONF.xlsb	Capital Program Accounting Detail

4. These documents contain confidential information that, based on my information and belief, has not been publicly disclosed. These documents have been marked as confidential, and the

basis for confidential treatment and where the confidential information is located on the documents are identified on the following chart:

Check	Basis for Confidential Treatment	Where Confidential Information is located on the documents
<input checked="" type="checkbox"/>	<p>Customer-specific data, which may include demand, loads, names, addresses, and billing data</p> <p>(Protected under PUC § 8380; Civ. Code §§ 1798 <i>et seq.</i>; Govt. Code § 6254; Public Util. Code § 8380; Decisions (D.) 14-05-016, 04-08-055, 06-12-029)</p>	<p>Confidential information is highlighted green on:</p> <p>Atch D. Sheet “Order List”</p>
<input type="checkbox"/>	<p>Personal information that identifies or describes an individual (including employees), which may include home address or phone number; SSN, driver’s license, or passport numbers; education; financial matters; medical or employment history (not including PG&E job titles); and statements attributed to the individual</p> <p>(Protected under Civ. Code §§ 1798 <i>et seq.</i>; Govt. Code § 6254; 42 U.S.C. § 1320d-6; and General Order (G.O.) 77-M.)</p>	
<input checked="" type="checkbox"/>	<p>Physical facility, cyber-security sensitive, or critical energy infrastructure data, including without limitation critical energy infrastructure information (CEII) as defined by the regulations of the Federal Energy Regulatory Commission at 18 C.F.R. § 388.113</p> <p>(Protected under Govt Code § 6254(k), (ab); 6 U.S.C. § 131; 6 CFR §29.2)</p>	<p>Confidential information is highlighted green on:</p> <p>Atch C. Sheet “Expense Projects”</p> <p>Atch D. Sheet “Order List”</p>
<input type="checkbox"/>	<p>Proprietary and trade secret information or other intellectual property and protected market sensitive/competitive data</p> <p>(Protected under Civ. Code §§ 3426 <i>et seq.</i>; Govt Code §§ 6254, <i>et seq.</i>, e.g., 6254(e), 6254(k), 6254.15; Govt. Code § 6276.44; Evid. Code §1060; D.11-01-036)</p>	
<input type="checkbox"/>	<p>Corporate financial records</p> <p>(Protected under Govt Code §§ 6254(k), 6254.15)</p>	

Third-Party information subject to non-disclosure or confidentiality agreements
(Protected under Govt. Code § 6254(k); *see, e.g.*, CPUC D.11-01-036)

Other categories where disclosure would be against the public interest (Govt. Code § 6255(a)):

5. The importance of maintaining the confidentiality of this information outweighs any public interest in disclosure of this information. This information should be exempt from the public disclosure requirements under the Public Records Act and should be withheld from disclosure.
6. I declare under penalty of perjury that the foregoing is true, correct, and complete to the best of my knowledge.
7. Executed on this 25th day of April, 2019 at San Ramon, California.

Robert J. Silicani Digitally signed by
Robert J. Silicani
Date: 2019.04.25
15:07:53 -07'00'

Robert J. Silicani,
Senior Compliance Specialist, Gas Operations
Support
Pacific Gas and Electric Company

PACIFIC GAS AND ELECTRIC COMPANY

**SHAREHOLDER FUNDED REPORT
ATTACHMENT A**

**REPORTING PERIOD
JANUARY 1, 2018 – DECEMBER 31, 2018**

IN COMPLIANCE WITH CPUC DECISION 15-04-024

SUBMITTED MAY 1, 2019

PUBLIC VERSION



PACIFIC GAS AND ELECTRIC COMPANY
SHAREHOLDER FUNDED SAFETY PROGRAMS
REPORT FOR THE PERIOD JANUARY 1, 2018 – DECEMBER 31, 2018
IN COMPLIANCE WITH CPUC DECISION 15-04-024

TABLE OF CONTENTS

I.	Introduction and Background.....	AtchA-1
II.	Gas Safety-Related Programs Authorized in 2015 GT&S Decision (D.16-12-010) and Funded by PG&E Shareholders	AtchA-1
III.	Report Format	AtchA-3
	A. Cost Model Change.....	AtchA-4
IV.	Shareholder Funded Gas Transmission Safety Account	AtchA-4
	A. Shareholder Funded Expense Programs	AtchA-5
	B. Disallowances or Recoverable Expense Limits.....	AtchA-5
	C. Shareholder Funded Capital Programs	AtchA-6
V.	Safety-Related Capital and Expense Programs	AtchA-10
VI.	Conclusion.....	AtchA-11
	Attachment B – Shareholder Funded Gas Transmission Safety Account	
	Attachment C – Shareholder Expense Accounting Detail	
	Attachment D – Shareholder Capital Accounting Detail	
	Attachment E – Major Work Category/Maintenance Activity Type by Program	

**PACIFIC GAS AND ELECTRIC COMPANY
SHAREHOLDER FUNDED SAFETY PROGRAMS
REPORT FOR THE PERIOD JANUARY 1, 2018 – DECEMBER 31, 2018
IN COMPLIANCE WITH CPUC DECISION 15-04-024**

I. Introduction and Background

This Annual Shareholder Funded Report is submitted in compliance with the California Public Utilities Commission (CPUC or Commission) Decision (D.) 15-04-024 *on Fines and Remedies to Be Imposed on Pacific Gas and Electric Company for Specific Violations in Connection with the Operation and Practices of Its Natural Gas Transmission System Pipelines* (Penalty Decision).¹ Pacific Gas and Electric Company (PG&E) submits this annual accounting of the Shareholder-Funded account, as an information-only filing pursuant to the requirements of Section 6.1 set forth in D.15-04-024. This Annual Shareholder Funded Report is the third report following the Commission's Phase II decision (D.16-12-010) in PG&E's 2015 GT&S rate case and reflects the reporting period of January 1, 2018 through December 31, 2018.² In 2018, PG&E shareholders funded over \$150 million in safety-related capital additions and expense programs.

II. Gas Safety-Related Programs Authorized in 2015 GT&S Decision (D.16-12-010) and Funded by PG&E Shareholders

On April 9, 2015, the Commission issued D.15-04-024 which addressed three investigations relating to: (1) PG&E's safety recordkeeping for its natural gas transmission system; (2) PG&E's operation of its natural gas transmission pipeline system in or near locations of higher population density; and (3) PG&E's pipeline installation, integrity management, recordkeeping and other operational practices, and other events or courses of conduct, that could have led to or contributed to the natural gas explosion that occurred in the City of San Bruno, California, on September 9, 2010. The Penalty Decision, among other items, required that PG&E establish the Shareholder Funded Gas Transmission Safety Account (SFGTSA) to record an \$850 million shareholder obligation and track expenditures for designated safety-related projects or programs to be funded by shareholders as determined in PG&E's 2015 GT&S rate case. The shareholder-funded obligation is allocated 19 percent to expense and 81 percent to capital expenditures. The Penalty Decision also directed PG&E to track gas transmission system expenditures within two sub accounts of the SFGTSA: one subaccount, not to exceed \$161.5 million for expense, and one subaccount to track capital expenditures.

On May 20, 2015, PG&E submitted Advice 3596-G to request authority to establish Preliminary Statement Part DK - SFGTSA. On December 22, 2015, the Commission issued Resolution G-3509 which ordered modifications to PG&E's

¹ D.15-04-024, Conclusion of Law 45.

² PG&E's first Shareholder Funded Report for the period January 1, 2015 – December 31, 2016 was submitted on May 1, 2017. PG&E's second Shareholder Funded Report for the period January 1, 2017 – December 31, 2017 was submitted on May 1, 2018.

proposed language. On December 31, 2015, PG&E submitted supplemental Advice 3596-G-A which replaced Advice 3596-G in its entirety. PG&E's supplemental advice letter was approved by Energy Division on March 7, 2016. Attachment B is Preliminary Statement – DK SFGTSA as approved by the Energy Division.

The Commission deferred to PG&E's 2015 GT&S rate case (A.13-12-012) its determination as to which authorized expense and capital programs are safety-related and should be funded by shareholders.³ On December 1, 2016, the Commission approved final revenue requirements in PG&E 2015 GT&S rate case in D.16-12-010. In addition, the Commission adopted a list of safety-related programs and projects which met the Commission's definition of safety related and established the capital and expense programs and amounts to be funded by PG&E shareholders during the 2015-2018 rate case cycle.⁴ The Commission adopted a forecast expense and capital expenditures by year in order to remove these amounts from PG&E's authorized revenue requirements for 2015-2018.⁵ Additionally, the Commission determined that these amounts would be removed from PG&E's rate base, such that ratepayers will not be responsible for any depreciation, or rate of return on these capital amounts. Table 1 provides a summary of Expense Programs and Table 2 provides a summary of Capital Programs and the shareholder penalty allocated to each program.

**TABLE 1
SHAREHOLDER FUNDED EXPENSE PENALTY
(AMOUNTS SHOWN IN THOUSANDS)**

Line	Chapter	Chapter Name	Program	Shareholder Penalty
1	4A	Transmission Pipe Integrity and Emergency Response Programs	Hydrostatic Testing	\$100,927
2	7	Corrosion Control Program	Casings	39,592
3	8	Gas Transmission System Operations and Maintenance	Expense Programs	20,981
4		Total Expense		<u>\$161,500</u>

³ D.16-12-010, p. 6.

⁴ D.16-12-010, Appendix A.

⁵ D.16-12-010, p. 3.

TABLE 2
SHAREHOLDER FUNDED CAPITAL PENALTY
(AMOUNTS SHOWN IN THOUSANDS)

Line	Chapter	Chapter Name	Program	Shareholder Penalty
1	4A	Transmission Pipe Integrity and Emergency Response Programs	ILI	92,157
2				11,500
3				103,658
4			Hydrostatic Testing	4,864
5				35,210
6				40,074
7			Earthquake Fault Crossings	8,268
8			Vintage Pipe Replacement	236,327
9			Geo-Hazard Threat Identification	12,336
10			Valve Automation	69,412
11			Inoperable & Hard to Operate Valves	11,003
12				481,077
13	4B	Transmission Pipe Engineering Programs	Class Location Program	28,014
14			Water and Levee Crossing	21,959
15			Shallow Pipe Program	28,309
16				78,282
17	6	Asset Family – Facilities	Gas Transmission SCADA Visibility	9,314
18			Routine Capital Spending - M&C	33,764
19				43,079
20	7	Corrosion Control	CP Systems - Replace	5,353
21			CP Systems - New	13,472
22			Coupon Test Stations	1,932
23			AC Interference Mitigation	7,467
24			DC Interference Mitigation	1,322
25			Casings	27,951
26			Internal Corrosion	879
27				58,375
28	9	Program Management Office	Program Management Office	10,709
29	10	Gas System Operations	Capacity	16,979
30		Total Capital Expenditures		\$688,501

III. Report Format

This Shareholder Funded Report is for the period January 1, 2018 through December 31, 2018 and is the third report following the Commission's determination in D.16-12-010 as to which programs authorized in PG&E's 2015 GT&S rate case would count towards the \$850 million shareholder penalty. As described in PG&E's 2015 GT&S Prepared Testimony, PG&E uses Major Work Categories (MWC) and Maintenance Activity Types (MAT) to record costs

associated with specific types of work.⁶ To facilitate reporting consistent with PG&E's proposed program view, following the adoption of PG&E's proposed programs in D.16-06-056, PG&E established unique MWC/MAT codes for each expense and capital program. Shareholder-funded safety-related programs identified by MWC/MAT code as of December 2018 are shown in Attachment E.⁷

A. Cost Model Change

PG&E uses the term "cost model" to describe the methodology by which the Company gathers and assigns costs to its processes or activities. The cost model facilitates: (1) the forecasting, budgeting, and tracking of costs for internal management purposes; and (2) the reporting of operating costs to regulatory bodies and external audiences. The core mechanism of accumulating costs in orders is the activity price for labor (or standard rate): when an employee charges time to an order, the employee's activity price provides the means of assigning the employee's labor, non-labor, and overhead costs such as benefit burdens. D.16-12-010 shows adopted program amounts and shareholder penalty amounts based on the cost model in effect through 2015.⁸ In 2016, PG&E changed the way it reports companywide and business unit overhead costs. Through this change, PG&E revised its cost model so that overhead costs are no longer embedded in the "standard rate" used to budget the cost and employee time charges of individual projects and programs.

To facilitate an "apples to apples" comparison between the \$850 million Shareholder Penalty amount, shown in the old cost model view, and 2016 program expense orders, PG&E has applied a conversion factor to apply overheads at the expense order level to costs eligible for the SFGTSA. No change was required for Capital Programs as capital orders include overhead costs.

IV. Shareholder Funded Gas Transmission Safety Account

The SFGTSA is an account authorized by the Commission for PG&E to track PG&E's shareholder obligation for expense and capital additions incurred on or after January 1, 2015, against the safety-related programs or projects designated in D.16-12-010 Appendix G, Tables 1 and 2. The \$850 million penalty is allocated \$688.5 million to capital and \$161.5 million to expense and is tracked in two corresponding subaccounts. Amounts recorded in the SFGTSA are not recoverable from customers.

Amounts recorded in the SFGTSA are limited to the lesser of: (1) the amount authorized (including any contingency); or (2) the amount expended. In the event the actual amount spent on safety-related expense work is less than \$161.5 million by the end of the 2015 GT&S rate case cycle, the remaining unspent amount is

⁶ PG&E Exhibit 1, Chapter 3, p.3-3.

⁷ Recorded costs may shift between MWC/MAT codes but not between expense or capital or calendar year.

⁸ PG&E's 2015 GT&S application was filed in December 2013 under the then current cost model referred to in the report as the "old cost model". The Commission adopted GT&S program forecasts and penalty amounts under the "old cost model" view.

transferred to increase the amount funded by shareholders for capital expenditures.⁹ Underspending in capital expenditures does not result in an increase in the amount funded by shareholders for expense work.

A. Shareholder Funded Expense Programs

As of December 31, 2018, PG&E has completely met the shareholder-funded obligation for expense programs, as summarized in Table 3, Shareholder Funded Expense Programs, below.

**TABLE 3
SHAREHOLDER FUNDED EXPENSE PROGRAMS
(DOLLAR AMOUNTS SHOWN IN THOUSANDS)**

Chapter	Expense Program	Penalty Cap	Shareholder Funded Amount As of 12/31/17	2018 Shareholder Expense	Shareholder Funded Amount As of 12/31/18	Penalty Cap Reached
4A	Hydrostatic Testing	\$100,927	\$100,927	–	\$100,927	Yes
7	Casings ⁽¹⁾	39,592	21,928	\$7,372	29,300	No ¹
8	Expense Projects	20,981	20,981	–	20,981	Yes
	Total	<u>\$161,500</u>	<u>\$143,836</u>	<u>\$7,372</u>	<u>\$151,208</u>	

(1) The Shareholder expenses for Casings were below the adopted penalty of \$39,592 at the end of the 2015 GT&S rate case cycle. As a result, the underspent amount of \$10,292 is added to the capital subaccount of the SFGTSA in accordance with Gas Preliminary Statement Part DK.

Expense Accounting Detail provided in Attachment C includes the following information for each expense order:

- Master Funding ID
- Major Work Category
- Maintenance Activity Type
- Planning order number
- Planning order number description
- Order number
- Order number description
- Expense amount funded by Shareholders
- Conversion factor

B. Disallowances or Recoverable Expense Limits

Disallowances or actual spending above adopted limits prescribed by the Commission in PG&E’s 2015 GT&S rate case that overlap with the shareholder-funded programs are excluded from the shareholder-funded amounts included in the SFGTSA.¹⁰ For example, in D.16-06-056, the

⁹ D.15-04-024, p. 97.

¹⁰ D.16-12-010, p. 6.

Commission disallowed 19 percent of PG&E's Casing Program forecast. PG&E prepares a journal entry to exclude 19 percent of these expense costs from the SFGTSA. Additionally, PG&E tracked hydrostatic testing expenses up to the \$100.972 million shareholder penalty amount in the SFGTSA before recording hydrostatic testing costs to PG&E's one-way Transmission Integrity Management Program (TIMP) balancing account.¹¹

C. Shareholder Funded Capital Programs

Shareholder Funded Capital Programs are summarized in Table 4 below. As of December 31, 2018, PG&E shareholders have met the penalty cap for 15 of the 21 capital programs.¹² The shareholder penalty cap has not been met for the remaining six capital programs—Earthquake Fault Crossings, Geo-hazard Threat Identification, Water and Levee Crossing Program, Gas Transmission SCADA Visibility, Internal Corrosion, and Capacity.

On March 8, 2019, PG&E filed a Petition for Modification (PFM) of D.16-12-010 to allow PG&E to record its remaining capital obligation of approximately \$30 million to another safety-related program subject to the SFGTSA that the Company has already invested in approved safety-related work above the authorized amount so that it may close the account. Although PG&E has a collective remaining obligation of approximately \$30 million for these six capital programs, PG&E spent more than \$1 billion in excess of the capital amount it was authorized to record for the other capital programs subject to the SFGTSA. PG&E's PFM¹³ is currently pending at the Commission.

The following table shows the amount of capital expenditures for projects that are operative after January 1, 2015 and are applied towards meeting the penalty caps.

¹¹ PG&E Advice 3788-G, approved by Energy Division on December 20, 2016.

¹² PG&E is counting the Traditional ILI and Non-Traditional ILI programs as one "TIMP" program for purposes of this report.

¹³ PG&E Petition for Modification (PFM) filed March 8, 2019, is available here http://prccappiiswc002/Docs/GTS-RateCase2015/Pleadings/PGE/2019/GTS-RateCase2015_Plea_PGE_20190308_555758.pdf

**TABLE 4
SHAREHOLDER FUNDED CAPITAL PROGRAMS
(DOLLAR AMOUNTS SHOWN IN THOUSANDS)**

Line	Chapter	Programs	Shareholder Penalty	PMO Allocation	Casings Exp Underspend to Casings Capital Program Cap (1)	Adjusted Shareholder Penalty	Capital Additions Applied to Shareholder Penalty As of 12/31/2018	Date Penalty Fulfilled
1	4A	Traditional ILI Cost	92,157					
2	4A	Non-Traditional ILI Cost	11,500					
3	4A	TIMP	103,657			103,657	103,657	02/2016
4	4A	Hydrotest - LNG/CNG Cost	4,864	91		4,955	4,955	06/2017
5	4A	Hydrostatic Testing	35,210	656		35,866	35,866	08/2016
6	4A	Earthquake Fault Crossings	8,268	154		8,422	7,971	N/A
7	4A	Vintage Pipe Replacement	236,327	4,408		240,735	240,735	08/2017
8	4A	Geo-hazard Threat Identification	12,336	230		12,566	10,444	N/A
9	4A	Valve Automation	69,412	1,295		70,707	70,707	11/2017
10	4A	Inoperable and Hard to Operate Valves	11,003	205		11,208	11,208	07/2015
11	4B	Class Location Program	28,014	523		28,537	28,537	09/2017
12	4B	Water and Levee Crossing Program	21,959	410		22,369	21,656	N/A
13	4B	Shallow Pipe Program	28,309	528		28,837	28,837	11/2018
14	6	Gas Transmission SCADA Visibility	9,314	174		9,488	748	N/A
15	6	Routine Capital Spending - M&C	33,764	630		34,394	34,394	12/2017
16	7	CP Systems - Replace	5,353	100		5,453	5,453	07/2017
17	7	CP Systems - New	13,472	251		13,723	13,723	08/2018
18	7	Coupon Test Stations	1,932	36		1,968	1,968	10/2016
19	7	AC Interference Mitigation	7,467	139		7,606	7,606	03/2017
20	7	DC Interference Mitigation	1,322	25		1,347	1,347	06/2017
21	7	Casings	27,951	521	10,292	38,764	38,764	04/2018 (1)
22	7	Internal Corrosion	879	16		895	652	N/A
23	9	Program Management Office	10,709	(10,709)		-	-	
24	10	Capacity	16,979	317		17,296	-	N/A
			688,501	-	10,292	698,793	669,228	

(1) Because the Casings Expense safety spend fell short by \$10.292 million, PG&E is required to add that to the Capital Safety Spend Penalty Disallowance. As a result, the date the penalty was fulfilled changed from 08/2016 to 04/2018.

AICHA-7

Appendix G, Table 2 of D.16-12-010 prescribes the maximum amount of capital additions by program that is shareholder funded. D.15-05-024, Conclusion of Law 40, prescribes that capital expenditures shall be recorded to the capital sub-account when the plant or facilities are placed into service. Capital expenditures that are funded by shareholders are recognized as a below-the-line expense in FERC Account 426.5 – Other Deductions as the penalty disallows the recovery of these balances.

Program Management Office (PMO) performs support functions including, but not limited to, scheduling projects, earned value analysis, construction contractor alliance support, and project governance and reporting. These functions are performed by multiple groups within the Gas Transmission organization. The amount of capital PMO costs funded by shareholders through the SFGTSA is \$10.7 million.

As described in Chapter 9 in the 2015 GT&S rate case application, the actual costs incurred related to PMO activities are allocated between expense and capital orders based on the type of work approved in the filing and subsequently managed by the PMO. To follow this methodology of applying the PMO costs to the underlying capital orders supported by the PMO, PG&E has prorated the \$10.7 million penalty related to PMO to the SFGTSA based on each programs' respective penalty amount. The Traditional and Non-Tradition In-Line Inspection (ILI) Programs were not included in the proration to preserve the penalty cap as these programs have a one-way balancing account associated with them.¹⁴

A capital expenditure is associated with the work activities to install new long-lived assets (capital addition) and/or remove the existing assets (cost of removal). The installation portion of the capital expenditure does not become a capital addition until the assets being installed are considered used and useful. The project will receive an operative date once it is determined the assets are used and useful and placed in plant in service. During the interim period, the installation cost is considered Construction Work in Progress and is not a component of rate base. The work associated with a project could span multiple years resulting in the capital addition including capital expenditures incurred in prior years and may continue to have capital additions in future years for costs associated with closing out the project. Given the \$850 million shareholder penalty is applicable to capital expenditures incurred on or after January 1, 2015 up to the maximum shareholder funding cap for each respective program, capital additions are adjusted to ensure the capital additions exclude capital expenditures incurred prior to January 1, 2015 and after the shareholder funding cap.

In D.16-06-056, Ordering Paragraph 71 determined that all capital expenditure disallowances adopted in D.16-06-056, summarized in Appendix H, are permanently excluded from rate base. As such, PG&E applies these disallowances as a reduction to capital expenditures and prior to recording the capital expenditures to the SFGTSA. Table 5 below summarizes the

¹⁴ See Table 4 for proration of PMO penalty and allocation to capital safety programs.

disallowances, disallowed amount, and the safety program the disallowances are associated with.

**TABLE 5
GAS TRANSMISSION CAPITAL DISALLOWANCES^(c)**

Disallowance/Cap	Amount Disallowed	Safety Program
Casing Mitigation Programs	19% of total capital expenditures	Casings
Shallow Pipe Mobilization and Demobilization	Actual mobilization and demobilization ^(a)	Shallow Pipe
2011-2014 Capital Expenditures Overspend for 104 Projects ^(b)	Capital expenditures incurred beyond amount authorized for 2011 GT&S rate case	Traditional In- Line Inspection Vintage Pipe Replacement
Replacement of 99 Inoperable/ Hard-to-Operate Valves	Capital expenditures incurred beyond \$22.2 million related to the first 99 valves replaced in the rate case period ^(d)	Inoperable/Hard-to-Operate Valves

- (a) For projects where mobilization and demobilization costs cannot be uniquely identified, PG&E will write-off 17.18 percent of the Shallow Pipe capital expenditures. The 17.18 percent factor is computed by dividing the disallowance in Appendix H, Table 1, by the forecast request.
- (b) D.16-06-056 disallowed the inclusion of the excess capital expenditures for the 104 projects in rate base. The projects continued to receive charges during the 2015 GT&S rate case period. These are a reduction to capital expenditures prior to recording capital expenditures to the SFGTSA.
- (c) The cost to implement Remedies adopted in D.15-04-024 and Corrosion Control listed in Appendix H, Table 1, of D.16-06-056 will be excluded from the SFGTSA.
- (d) The amount above of \$22.2 million adopted in D.16 06 056 is pursuant to ordering paragraph 12.

Capital Accounting Detail for shareholder funded capital work provided in Attachment D includes the following information for each capital order:

- 2015 GT&S Prepared Testimony chapter number
- Program Name
- Major Work Category Code
- Maintenance Activity Type Code
- Maintenance Activity Type description
- Master Funding ID
- Planning Order number
- Planning Order description
- Order number
- Order number description
- Operative date
- Capital Amount funded by shareholders

V. Safety-Related Capital and Expense Programs

A summary of safety-related work funded by shareholders during the period January 1, 2018 through December 31, 2018 by expense programs and capital programs is provided respectively in Table 6 and Table 7. ¹⁵

TABLE 6
SHAREHOLDER FUNDED EXPENSE PROGRAMS
JANUARY 1, 2018 – DECEMBER 31, 2018

Line	Chapter	Expense Program	2018 Units Complete	Unit of Measure
1	4A	Hydrostatic Testing	–	–
2	7	Casing Mitigation	16	Projects
3	8	Expense Projects	–	–

¹⁵ See PG&E's May 1, 2017 and May 1, 2018 Annual Report for Shareholder Funded Hydrostatic Testing and Expense Projects Units completed for the period January 1, 2015 – December 31, 2016 and January 1, 2017 – December 31, 2017, respectively.

TABLE 7
SHAREHOLDER FUNDED CAPITAL PROGRAMS
JANUARY 1, 2018 – DECEMBER 31, 2018

Line	Chapter	Capital Program	2018 Units Complete	Unit of Measure
1	4A	Traditional ILI Cost	n/a	–
2	4A	Non-Traditional ILI Cost	n/a	–
3	4A	Subtotal	n/a	–
4	4A	Hydrotest - LNG/CNG Cost	n/a	Projects
5	4A	Hydrostatic Testing	n/a	Projects
6	4A	Earthquake Fault Crossings	0.05	Miles
7	4A	Vintage Pipe Replacement	n/a	Miles
8	4A	Geo-hazard Threat Identification	0	Miles
9	4A	Valve Automation	n/a	Valves
10	4A	Inoperable and Hard to Operate Valves	n/a	Valves
11	4B	Class Location Program	n/a	Miles
12	4B	Water and Levee Crossing Program	0	Miles
13	4B	Shallow Pipe Program	0.99	Miles
14	6	Gas Transmission SCADA Visibility	2	Projects
15	6	Routine Capital Spending - M&C	n/a	Projects
16	7	CP Systems – Replace	n/a	Projects
17	7	CP Systems – New	15	Projects
18	7	Coupon Test Stations	n/a	Projects
19	7	AC Interference Mitigation	n/a	Projects
20	7	DC Interference Mitigation	n/a	Projects
21	7	Casings	22	Projects
22	7	Internal Corrosion	0	Projects
23	10	Capacity	–	Miles

VI. Conclusion

As of December 31, 2018, PG&E has met the \$161.5 million shareholder expense penalty obligation. PG&E shareholders have funded over \$151.2 million in hydrostatic testing, casing mitigation, and expense projects. The remaining shareholder expense penalty obligation of \$10.3 million related to casing mitigation was applied against the shareholder capital penalty obligation in accordance with D.15-04-024 and Preliminary Statement Park DK.

Of the \$688.5 million capital shareholder penalty, PG&E shareholders have funded over \$669.7 million as of December 31, 2018 in capital additions and has met the capital penalty cap for 15 of the 21 capital programs identified in D.16-12-010.

**SHAREHOLDER FUNDED REPORT
ATTACHMENT B**





GAS PRELIMINARY STATEMENT PART DK
 Shareholder-Funded Gas Transmission Safety Account (SFGTSA)

Sheet 1 (N)
 (N)

DK. Shareholder-Funded Gas Transmission Safety Account

(N)

1. **PURPOSE:** The purpose of the Shareholder-Funded Gas Transmission Safety Account (SFGTSA) is to record PG&E's shareholder obligation and track expenditures for designated safety-related projects or programs to be funded by shareholders as specified in decision (D.)15-04-024 and identified in the 2015 Gas Transmission and Storage Rate Case (GT&S), Application 13-12-012. Shareholders are required to fund \$850 million of safety-related projects/programs. The designated GT&S adopted forecast project/program amounts included in the subaccounts will be excluded from calculating the ratepayer-funded revenue requirement. Meeting the \$850 million PG&E shareholder obligation may extend to a PG&E GT&S proceeding subsequent to A.13-12-012.
2. **APPLICABILITY:** The SFGTSA is shareholder funded and not applicable to any customer classes.
3. **REVISION DATE:** Disposition of the balance in this account shall be determined in a GT&S or any other rate case designated by the Commission.
4. **RATES:** The SFGTSA does not have a rate component.
5. **ACCOUNTING PROCEDURE:**

The SFGTSA consists of two subaccounts in which the total safety-related expenditures to be funded by shareholders total \$850 million.

The **SFGTSA Expense Subaccount** tracks designated safety-related expense projects/programs funded by PG&E shareholders. Shareholder funded expense projects/programs recorded in this subaccount may not exceed \$161.5 million. Shareholder expenditures that exceed the amount authorized by the Commission for each safety-related program or project will not be recorded to this sub-account. If shareholder spending is below the Commission authorized amount for a program or project, the actual amount of the shareholder spending will be recorded to the sub-account as a debit.

(N)

(Continued)



GAS PRELIMINARY STATEMENT PART DK
 Shareholder-Funded Gas Transmission Safety Account (SFGTSA)

Sheet 2 (N)
 (N)

DK. Shareholder-Funded Gas Transmission Safety Account (Cont'd.)

(N)

5. ACCOUNTING PROCEDURE (Cont'd.):

The **SFGTSA Capital Subaccount** tracks designated safety-related capital projects/programs funded by PG&E shareholders. The amount recorded in this subaccount must be at least \$688.5 million. Shareholder expenditures that exceed the amount authorized by the Commission for each safety-related program or project will not be recorded to this sub-account. If shareholder spending is below the Commission authorized amount for a program or project, the actual amount of the shareholder spending will be recorded to the sub-account as a debit.

If the adopted forecast expense projects/programs identified by the Commission in the GT&S is less than \$161.5 million, the difference between credit recorded in the Expense Subaccount and \$161.5 million will be added to the amounts to be funded by shareholders in the Capital Subaccount so that the initial credits to the two subaccounts total \$850 million.

If total shareholder spending on expense projects/programs is less than the full amount designated for funding through the Expense Subaccount, then the underspent amount will be transferred to the Capital Subaccount resulting in a corresponding increase in the shareholder's obligation to fund capital projects/programs.

The combined total amount debited to the subaccounts is to be \$850 million.

(N)

(Continued)



GAS PRELIMINARY STATEMENT PART DK
 Shareholder-Funded Gas Transmission Safety Account (SFGTSA)

Sheet 3 (N)
 (N)

DK. Shareholder-Funded Gas Transmission Safety Account (Cont'd.)

(N)

5. ACCOUNTING PROCEDURE (Cont'd.):

A. SFGTSA Expense Subaccount

Effective January 1, 2015, PG&E will maintain the SFGTSA Expense Subaccount by making the following entries to this account, as appropriate:

- 1) A credit entry equal to the adopted forecast for each designated safety-related expense projects/programs to be funded by shareholders;
- 2) A debit entry equal to actual expenses incurred for each designated safety-related project/program up to the adopted amount for each project/program recorded in Accounting Procedure 5.A.1. The total debited amount is not to exceed \$161.5 million;
- 3) A debit entry equal to the amount of shareholder underspending on expense projects/programs transferred to the Capital Subaccount.

B. SFGTSA Capital Subaccount

Effective January 1, 2015, PG&E will maintain the SFGTSA Capital Subaccount by making the following entries to this account, as appropriate:

1. A credit entry equal to the adopted forecast for each designated safety-related capital project/program to be funded by shareholders;
2. A credit entry equal to the adopted forecast of each additional designated safety-related capital projects/programs to be funded by the amount transferred from the Expense Subaccount under Accounting Procedure 5.A.3;
3. A debit entry equal to actual capital expenditures for each designated safety related capital project/program up to the adopted amount for each project/program recorded in Accounting Procedure 5.B.1 and 5.B.2. The total debited amount is not to be less than \$688.5 million.

(N)

**SHAREHOLDER FUNDED REPORT
ATTACHMENT C**



Pacific Gas and Electric Company
Shareholder Funded Gas Transmission Safety Account
Attachment C - Expense Programs Accounting Detail

Chapter	Description	Adopted Penalty	Shareholder Expense thru 12/31/2017	2018 Shareholder Expense	Shareholder Expense thru 12/31/2018	Shareholder Expense under cap	Adjusted Penalty	Penalty Reached
4A	Hydrostatic testing	100,927	100,927	-	100,927		100,927	Yes
7	Casings	39,592	21,928	7,372	29,300	10,292	29,300	No ¹
8	Expense Projects	20,981	20,981	-	20,981		20,981	Yes
	Total	161,500	143,836	7,372	151,208	10,292	151,208	

(1) The Shareholder expenses for Casings were below the adopted penalty of \$39,592 at the end of the 2015 GT&S rate case cycle. As a result, the underspent amount of \$10,292 is added to the capital subaccount of the SFGTSA in accordance with Gas Preliminary Statement Part DK.

						Period/Year	Overall Result	January 2015	February 2015	March 2015	April 2015	May 2015	June 2015	July 2015	August 2015	September 2015	October 2015	November 2015	December 2015
						YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual
Master Funding Id	MWC	MAT	Planning Order	Planning Order Desc	Order	Order Desc	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$
Gas Trans & Storage	HP	HPF	5031616	2015 HPF Non-IIC Offset from IHH	2036925	2015 HPF Non-IIC Offset from IHH	108			15	2	2	6	8	-6	1	40	12	30
Gas Trans & Storage	HP	HPF	5244565	DFM-1615-07 MP 0.00-0.25 TEST T-1059	42165789	DFM-1615-07 MP 0.00-0.25 TEST T-1059	1,313	8	17	25	23	18	143	787	252	55	-22	25	-19
Gas Trans & Storage	HP	HPF	5247555	L-300A MP 414.57-414.91 TEST T-1083	42316175	L-300A MP 414.57-414.91 TEST T-1083	2,696	8	10	25	33	28	29	36	20	35	931	1,408	132
Gas Trans & Storage	HP	HPF	5247717	DREG3831 MP 0.0-0.009 TEST T-1089	42322252	T-1089 DREG3831 MP 0.0-0.009 TEST (TS)	545	0	7	24	15	18	28	9	122	274	27	7	13
Gas Trans & Storage	HP	HPF	5248094	T-1099 DDFM 0813-01_0813-02 MP 0.0-0	42338537	T-1099 DDFM 0813-01&02 MP 0.0-0.30 TEST (1,731		2	10	12	15	25	7	30	503	917	62	148
Gas Trans & Storage	HP	HPF	5249433	DFM 1816-50 MP 0.00-1.05 TEST T-1039	42410944	DFM 1816-50 MP 0.00-1.02 TEST T-1039	2,798						28	1,363	751	420	168	3	64
Gas Trans & Storage	HP	HPF	5249434	DFM 0609-02 MP 0.00-0.62 TEST T-1025	42413398	DFM 0609-02 MP 0.002-0.624 TEST T-1025	120							2	38	16	27	18	19
Gas Trans & Storage	HP	HPF	5249719	DREG4731 MP 0.0098-MPO.01598	42428159	TS-1113 DREG4731 0.0015MI MP 0.00989-0.0	92							0	6	20	18	7	42
Gas Trans & Storage	HP	HPF	5250574	L-300B MP 161.02-161.04 TEST	42486407	L-300B MP 161.02-161.04 TEST	49										0	2	47
Gas Trans & Storage	HP	HPF	5254999	BD8547 MP16.66 & X6338/X6342 MP16.09 (T)	41720867	BD8547 MP16.66 & X6338/X6342 MP16.09 (T)	1												1
Gas Trans & Storage	JT	JTC	5017903	0804-03 UPRATE LAFAYETTE DFM	41676466	PR-002 DFM2405-01 P-RESTORE MP.6-.62	0									0			
Gas Trans & Storage	JT	JTC	5017903	0804-03 UPRATE LAFAYETTE DFM	41896934	L-148 PRESSURE RESTORATION REPAIRS	7	0		5									1
Gas Trans & Storage	JT	JTC	5028749	GT Cust Outreach & Gov't Relations	3017677	GT Government Relations Costs	-42	54	-40	-14	12	-6	36	83	-90	-35		78	-121
Gas Trans & Storage	JT	JTC	5028749	GT Cust Outreach & Gov't Relations	3017678	GT Customer Outreach Costs	0	180	-180	-0	-0								
Gas Trans & Storage	JT	JTC	5237938	DFM-1816-05 T-174-12 MP 0.00-1.20	41699027	DFM-1816-05 TEST 0.36MI MP 0.00-1.20 PH1	26	0	1				4	0	3	2	7		9
Gas Trans & Storage	JT	JTC	5238682	L-210B T-091B-12 MP 20.22 TO MP 20.3285	41801018	L-210B T-091B-12 MP 20.22 TO MP 20.3285	10			2			0		0	1			7
Gas Trans & Storage	JT	JTC	5243392	DFM-1815-02 TEST 5.175MI MP11.675-MP16.8	42045594	DFM-1815-02 TEST 3.76MI MP 11.99-15.85 P	3,066	-0	8	35	71	76	909	419	396	19	48		-462
Gas Trans & Storage	JT	JTC	5243957	L-021G MP 12.75-16.08 TEST T-1006	42122923	L-021G MP 12.75-16.08 TEST T-1006	121	21	25	20	2	1	2	5	3	2	3	8	27
Gas Trans & Storage	JT	JTC	5243958	DFM-0401-01 MP 5.48-7.95 TEST T-1007	42122924	DFM 0401-01 MP 5.48-7.95 TEST T-1007	42	10	7	4	2	5	5	8	0	0	0	0	0
Gas Trans & Storage	JT	JTC	5243959	DFM-0402-01 MP 0.41-5.6 TEST T-1008	42122926	DFM 0402-01 MP 0.41-5.6 TEST T-1008	2,439	13	14	41	60	27	88	36	352	563	458	259	526
Gas Trans & Storage	JT	JTC	5243960	DFM-0604-03 MP 0.29-1.98 TEST T-1009	42165101	DFM-0604-03 MP 0.28-1.98 TEST T-1009	49	2	4	4	17	0	1	9	-12	2	13	0	9
Gas Trans & Storage	JT	JTC	5243965	L-118A-2 MP 0.00-0.23 TEST T-1014	42128230	L-118A-2 MP 0.00-0.23 TEST T-1014	0	0	0			0							
Gas Trans & Storage	JT	JTC	5243969	L-162A MP 6.62-7.71 TEST T-1018	42128236	L-162A MP 6.62-7.71 TEST T-1018	0	0			0	0				0			-1
Gas Trans & Storage	JT	JTC	5243972	L-210A MP 19.47-19.72 TEST T-1021	42128238	L-210A MP 19.47-19.72 TEST T-1021	1				0	0						0	
Gas Trans & Storage	JT	JTC	5243980	L-118A MP 17.64-25.64 TEST T-1029	42128401	L-118A MP 17.64-25.64 TEST T-1029	0			0									0
Gas Trans & Storage	JT	JTC	5243985	L-118A MP 58.74-60.45 TEST T-1034	42128781	L-118A MP 58.74-60.45 TEST T-1034	2	0	2										
Gas Trans & Storage	JT	JTC	5243989	L-118A MP 77.23-83.43 TEST T-1038	42128787	L-118A MP 77.23-83.43 TEST T-1038	2,561	6	9	17	31	25	53	52	369	493	515	870	122
Gas Trans & Storage	JT	JTC	5243997	L-114 MP 6.78-7.19 TEST T-1046	42124782	L-114 MP 6.78-7.19 TEST T-1046	2	0	0		0			0	0	0	0	0	0
Gas Trans & Storage	JT	JTC	5244252	2015 CNG/LNG PLANNING AND SUPPORT	42144218	2015 Hydrotest CNG-LNG Support - PSRS 34	555	12	214	157	-326	4	1	18	70	71	7	315	12
Gas Trans & Storage	JT	JTC	5244559	L-050A MP 2.51-7.59 TEST T-1053	42165783	L-050A MP 2.51-7.59 TEST T-1053	1				0		0	0	0	0	0	0	0
Gas Trans & Storage	JT	JTC	5244562	DFM-1202-16 MP 0.00-0.08 TEST T-1056	42165786	DFM-1202-16 MP 0.00-0.08 TEST T-1056	2	0	0	0	0				0	0	0	0	0
Gas Trans & Storage	JT	JTC	5244563	DFM-1301-01 MP 0.00-4.18 TEST T-1057	42165787	DFM-1301-01 MP 0.00-4.18 TEST T-1057	1				0			0	0	0	0	0	0
Gas Trans & Storage	JT	JTC	5244564	DFM-1601-09 MP 0.00-0.86 TEST T-1058	42165788	DFM-1601-09 MP 0.00-0.86 TEST T-1058	4	0	0	4							1		0
Gas Trans & Storage	JT	JTC	5244566	DFM-1819-01 MP 0.00-2.33 TEST T-1060	42165790	DFM-1819-01 MP 0.00-2.33 TEST T-1060	172	4	8	11	45	-12	2	3	9	20	25	24	32
Gas Trans & Storage	JT	JTC	5244567	L-300A MP 0.64-3.79 TEST T-1061	42165791	L-300A MP 0.64-3.79 TEST T-1061	182	1	16	-15	-15	0	11	1	10	20	39	33	66
Gas Trans & Storage	JT	JTC	5244568	L-300A MP 159.33-162.87 TEST T-1062	42168740	L-300A MP 159.338-162.92 TEST T-1062	2,532	23	24	25	215	475	611	839	284	-14	51	15	-14
Gas Trans & Storage	JT	JTC	5244569	L-300A MP 198.93-203.00 TEST T-1063	42169478	L-300A MP 198.825-203.00 TEST T-1063	2,904	26	36	21	22	30	35	22	81	371	904	553	802
Gas Trans & Storage	JT	JTC	5244570	L-300B MP 354.02-358.85 TEST T-1064	42165792	L-300B MP 354.017-354.087 TEST T-1064	2,538	10	22	16	15	25	42	108	302	360	843	506	288
Gas Trans & Storage	JT	JTC	5244571	L-300B MP 477.93-479.08 TEST T-1065	42169479	L-300B MP 477.93-479.08 TEST T-1065	6,292	15	35	39	21	27	28	67	106	507	2,088	2,028	1,331
Gas Trans & Storage	JT	JTC	5244692	DFM-8805-03 MP 0.00-0.54 TEST T-1067	42169902	DFM-8805-03 MP 0.00-0.54 TEST T-1067	95	0			1			2	12	12	26	12	30
Gas Trans & Storage	JT	JTC	5244693	DCUST1423 MP 0.00-0.39 TEST T-1068	42169903	DCUST1423 MP 0.00-0.377 TEST T-1068	1,586	9	53	44	18	12	34	22	51	39	911	344	48
Gas Trans & Storage	JT	JTC	5244818	2015 021B-1 MP 2.2-2.3227 TEST 2015-06	42191615	021B-1 MP 2.2-2.3227 TEST T-1070	3		1		0	1	0		0				0
Gas Trans & Storage	JT	JTC	5244831	2015 124B-01 MP 5.9313-5.9839 T 2015-119	42191809	124B-01 MP 5.9313-5.9839 TEST T-1074	3			1	1	1	0						0
Gas Trans & Storage	JT	JTC	5244832	2015 GCUST5928 MP 0.0-0.0749 T 2015-341	42192043	GCUST5928 MP 0.0-0.0749 TEST T-1076	11	0	0	3	0	1	2	1	2	1	0	0	0
Gas Trans & Storage	JT	JTC	5244846	2015 8807-01 MP 0.0-5.08 TEST T-283-13	41471917	DFM-8807-01 MP 0.00-5.08 TEST T-283	6,217	29	25	133	78	155	871	1,888	1,389	1,148	550	141	-190
Gas Trans & Storage	JT	JTC	5244868	2015 DREG4738 MP 0.035-0.705 TEST T-1069	42191618	DREG4738 MP 0.035-0.705 TEST T-1069	156	1	1	2	6	14	13	19	25	20	34	8	11
Gas Trans & Storage	JT	JTC	5245036	2015 DREG5130 MP 0.06-0.06 TEST U-1070	42192321	T-1085 DREG5130 MP 0.00-0.09 DF 3430 0.0	140	0	7	22	14	14	13	6	16	12	8	8	18
Gas Trans & Storage	JT	JTC	5245554	General Order Costs	42192046	GENERAL ORDER COSTS (JTC 2017)	6,679	55	49	78	224	422	-112	283	307	876	1,577	2,638	283
Gas Trans & Storage	JT	JTC	5245555	Pre-Inspection	8160915	GT GC Gas 2015 Staff Augmentation BPO	-32		-2	-1	-1	-1	-3	325	-332	-5	-3	-3	-4
Gas Trans & Storage	JT	JTC	5245555	Pre-Inspection	41017563	DFM0643-01 MPO.0 - 0.8 CAPACITY-ARBUCKLE	6			5	-5		3	0	1	0	0	0	1
Gas Trans & Storage	JT	JTC	5246212	L-302-175 TEST MP 0 TO MP 0.05	42157033	GT L-302-175 TEST MP 0 TO MP 0.05	26	7	0	3	0	0		1	0	1	7	7	0
Gas Trans & Storage	JT	JTC	5246213	L302-178 MP 0 MITIGATE PRESSURED ISSUES	42177857	GT L302-178 MP 0 MITIGATE PRESSURED ISSU	13		1	8	4			0	0				0
Gas Trans & Storage	JT	JTC	5247292	T-243-13 PRE-INSPECTION DFM 1815-02	42153137	T-243-13 PRE-INSPECTION DFM 1815-02	432		83	-82	0			68	42				362
Gas Trans & Storage	JT	JTC	5247294	RT-130 GCUST5959 MP 0.044 REPL (36959)	42285407	T-1105 GCUST5959 MP 0.044 REPL (TS)	81	16	15	24	18	4	2	1	0				0
Gas Trans & Storage	JT	JTC	5247553	L-300A MP 354.19-354.306 TEST T-1080	42316168	L-300A MP 354.19-354.306 TEST T-1080	1,767	0	6	9	7	37	52	76	218	832	184	183	162
Gas Trans & Storage	JT	JTC	5247554	DFM-0402-01 MP 2.2716-2.3511 TEST T-1081	42310511	DFM-0402-01 MP 2.2716-2.3511 TEST T-1081	1,295	0	2	16	65	14	27	29	57	100	637	59	289
Gas Trans & Storage	JT	JTC	5247654	L-021D MP 23.75-24.50 TEST T-1078	42485827	L-021D MP 21.88-24.6 TEST T-1078	3,361												3,361
Gas Trans & Storage	JT	JTC	5247655	DFM 7222-01 MP 0.00-0.61 TEST T-1079	42414537	T-1079 DFM-7222-01 MP 0-0.87 TEST	1,283						0	0	1,277	-1	1		7
Gas Trans & Storage	JT	JTC	5247656	L-300A MP 366.57-372.49 TEST T-1022	42329394	L-300A MP 366.57-372.49 TEST T-1022	3,123		9	60	173	526	1,011	544	197	380	7	191	24
Gas Trans & Storage	JT	JTC	5247714	DREG5090 MP 0.0-0.028 TEST T-1086	42321998	T-1086 DREG5090 MP 0.0-0.028 TEST (TS)	491	0	6	13	11	13	7	5	7	4	10	15	400
Gas Trans & Storage	JT	JTC	5247715	L-131 MP 32.31-32.32 TEST T-1087	42322082	T-1087 L-131 MP 32.31-32.32 TEST (TS)	34	0	1	2	0	0			3	7	4	2	15

Gas Trans & Storage	JT	JTC	5247740	L-105N MP 23.68-25.08 TEST T-1012	42329463	L-105N MP 23.68-25.08 TEST T-1012	128		8	31	19	7	6	13	9	7	6	7	14	
Gas Trans & Storage	JT	JTC	5248097	RT-147 DREG4175 MP 0.02 Repl	42338884	T-1100 DREG4177 MP 0.0-0.01 TEST (TS)	1,551		0	3	4	32	38	12	25	24	197	770	445	
Gas Trans & Storage	JT	JTC	5248115	DREG5146 MP 0.02 TEST	42338885	T-1103 DREG5146 MP 0.00-0.02 TEST (TS)	841		3	7	7	9	4	6	13	11	43	310	428	
Gas Trans & Storage	JT	JTC	5248116	DREG5419 MP 0.46-0.56 TEST	42338886	T-1104 DREG5419 MP 0.46-0.56 TEST (TS)	1,458		1	1	8	16	18	5	5	6	41	1,020	337	
Gas Trans & Storage	JT	JTC	5248372	L-109 MP 23.30-24.00 TEST T-1101	42349048	L-109 MP 23.30-24.00 TEST T-1101	3,827			5	29	28	62	68	394	585	852	1,594	210	
Gas Trans & Storage	JT	JTC	5248373	DFM 1614-08 MP 0.56-0.56062 TEST	42348560	T-1106 DFM 1614-08 MP 0.30-0.56 TEST (TS)	123			1	13	23	11	3	6	10	9	5	41	
Gas Trans & Storage	JT	JTC	5248714	L-402 MP 27.41-38.15 TEST T-1108	84000661	L-402 MP 27.41-38.15 TEST T-1108	0												0	
Gas Trans & Storage	JT	JTC	5248751	L-118B MP 0.02-0.97 TEST	42372872	L-118B MP 0.02-0.97 TEST T-1109	309				0	29	8	5	22	189	19	6	29	
Gas Trans & Storage	JT	JTC	5249092	Contaminant Sample Collection & Testing	42383973	CONTAMINANT SAMPLE COLLECTION & TESTING	37					1	6	1	1	1	1	1	15	
Gas Trans & Storage	JT	JTC	5249335	L-147 MP 0.02-0.85	42402682	L-147 MP 0.02-0.85 TEST	0													
Gas Trans & Storage	JT	JTC	5249336	L-147 MP 0.85-1.50	42402684	L-147 MP 0.85-1.50 TEST	0													
Gas Trans & Storage	JT	JTC	5249337	L-147 MP 1.50-3.40	42402685	L-147 MP 1.50-3.40 TEST	0													
Gas Trans & Storage	JT	JTC	5249412	L-109 TEST 0.11MI MP 2.82-2.86 PH1	42413015	L-109 MP 2.82-2.86 TEST T-402	1,724						0	0	172	872	658	127	-105	
Gas Trans & Storage	JT	JTC	5249413	DFM 1816-01 TEST MP 9.58-11.48 PH2	42410946	DFM 1816-01 MP 9.55-11.48 TEST T-094B&C	7,539						1	466	2,954	3,102	865	166	-15	
Gas Trans & Storage	JT	JTC	5249415	L-121 MP 0.00-6.99 TEST T-1002	42414134	L-121 MP 0.00-6.99 TEST T-1002	294							8	107	21	14	15	128	
Gas Trans & Storage	JT	JTC	5249420	L-181A MP 16.83-19.65 TEST T-1019	42414136	L-181A MP 16.83-19.65 TEST T-1019	90							0	18	3	11	24	34	
Gas Trans & Storage	JT	JTC	5249421	L-021H MP 8.08-12.05 TEST T-1027	42414070	L-021H MP 7.97-12.05 TEST T-1027	138						0		49	21	14	40	14	
Gas Trans & Storage	JT	JTC	5249422	L-118A-1 MP 0.00-1.42 TEST T-1013	42413287	L-118A-1 MP 0.00-1.42 TEST T-1013	2,473							4	236	583	254	707	689	
Gas Trans & Storage	JT	JTC	5249424	L-118A MP 13.5-17.64 TEST T-1028	42414526	L-118A MP 12.55-20.39 TEST T-1028	5,538							5	2,344	109	430	485	2,166	
Gas Trans & Storage	JT	JTC	5249425	L-118A MP 25.64-28.59 TEST T-1030	42414529	L-118A MP 20.71-28.89 TEST T-1030	237						0		209	2	2	1	23	
Gas Trans & Storage	JT	JTC	5249426	L-118A MP 28.59-37.38 TEST T-1031	42413296	L-118A MP 28.59-37.38 TEST T-1031	3,445							66	2,979	469	-127	32	27	
Gas Trans & Storage	JT	JTC	5249427	L-118A MP 37.73-43.64 TEST T-1032	42413299	L-118A MP 37.725-43.64 TEST T-1032	3,560							38	2,560	726	-330	17	550	
Gas Trans & Storage	JT	JTC	5249428	L-118A MP 54.75-58.22 TEST T-1033	42413380	L-118A MP 54.75-60.20 TEST T-1033	4,234							56	1,936	600	603	867	172	
Gas Trans & Storage	JT	JTC	5249429	L-118A MP 60.20-63.65 TEST T-1035	42414530	L-118A MP 60.20-63.65 TEST T-1035	243						0	1	187	24	4	6	20	
Gas Trans & Storage	JT	JTC	5249430	L-118A MP 72.33-73.24 TEST T-1037	42413384	L-118A MP 72.327-73.24 TEST T-1037	2,003							384	390	864	331	21	14	
Gas Trans & Storage	JT	JTC	5249431	L-136 MP 5.87-12.79 TEST T-1052	42414071	L-136 MP 5.87-12.79 TEST T-1052	164						0	0	18	42	10	30	64	
Gas Trans & Storage	JT	JTC	5249435	DFM 0613-01 MP 2.63-5.29 TEST T-1026	42413558	DFM 0613-01 MP 2.63-5.29 TEST T-1026	86							1	34	8	7	17	18	
Gas Trans & Storage	JT	JTC	5249437	DFM-1813-02 MP 1.00-8.42 TEST T-1051	42414306	T-1051 DFM-1813-02 MP 1-8.42 Test	107						0		41	4	14	31	18	
Gas Trans & Storage	JT	JTC	5249438	DFM-0401-01 MP 4.89-5.48 TEST T-005	42413386	DFM 0401-01 MP 4.49-4.922 TEST T-005	5,976							1	49	1,185	971	766	1,908	1,096
Gas Trans & Storage	JT	JTC	5249439	DFM-1816-01 MP 12.78-16.30 TEST T-095	42410949	DFM 1816-01 MP 12.78-16.30 TEST T-095	3,145							2	320	1,303	1,249	230	-4	46
Gas Trans & Storage	JT	JTC	5249441	57A-MD1_0.25 -0.60 _TEST 2000FT OF 10IN	42413388	L-057A-MD1 MP 0.020-0.616 TEST T-1091	1,981								242	1,336	569	162	27	-355
Gas Trans & Storage	JT	JTC	5249718	DREG4387 MP 0.0-0.008 REPL	42428158	TS-1112 DREG4387 MP 0.00-0.008	170								14	36	26	26	67	
Gas Trans & Storage	JT	JTC	5249860	2016 1023-01 MP 0.0-2.7872 TEST 2016-65	42465203	2016 1023-01 MP 0.0-2.7872 TEST 2016-65	0									0				
Gas Trans & Storage	JT	JTC	5249875	L-302E MP 21.48	42355064	MARYSVILLE BUTTE METER STATION_HYDROTEST	495				1	31	220	147	36	37	5	1	4	
Gas Trans & Storage	JT	JTC	5250012	DFM 7204-01 MP1.89-1.96	42449948	DFM 7204-01 MP 1.89-1.96 TEST T-1111	75								4	6	24	7	34	
Gas Trans & Storage	JT	JTC	5250033	L-300B MP 280.39-281.03 TEST	42449956	L-300B MP 280.39-281.03 TEST	168									10	33	32	93	
Gas Trans & Storage	JT	JTC	5250393	Test T-1036A 100% Disallowed	42485806	L-118A MP 64.516-66.208 TEST T-1036A	298										1	5	293	
Gas Trans & Storage	JT	JTC	5250394	162A MP 6.62-7.709 T-1018	42485808	L-162A MP 6.62-7.71 TEST T-1018	1											0	1	
Gas Trans & Storage	JT	JTC	5250395	Test T-1011 100% Disallowed	42485807	DFM-0834-01 MP 3.571-3.96 TEST T-1011	142												3	139
Gas Trans & Storage	JT	JTC	5250396	Test T-1010 100% Disallowed	42485805	DFM-0813-07 MP 0.0386-0.2428 TEST T-1010	137											0	1	136
Gas Trans & Storage	JT	JTC	5250397	Test T-1017 100% Disallowed	42485826	DFM-1615-01 MP 16.42-19.06 TEST T-1017	314											1	3	311
Gas Trans & Storage	JT	JTC	5250514	2016 118A MP 66.21-66.89 TEST T-1036B	42483704	2016 118A MP 66.21-66.89 TEST T-1036B	113									0	0	3	110	
Gas Trans & Storage	JT	JTC	5250573	L-300A MP 159.33-159.338 TEST	42485829	L-300A MP 159.33-159.338 TEST	32									0	0	2	29	
Gas Trans & Storage	JT	JTC	5250800	DFM 0613-01 MP 3.29-3.524 TEST T-1026B	42541510	DFM 0613-01 MP 3.29-3.524 TEST T-1026B	17									2	6	9	9	
Gas Trans & Storage	JT	JTC	5250801	DFM 0613-01 MP 3.88-5.29 TEST T-1026C	42541519	DFM 0613-01 MP 3.88-5.29 TEST T-1026C	17									4	7	6	6	
Gas Trans & Storage	JT	JTC	5250997	L-153 MP 3.51-3.576 TEST	42554046	L-153 MP 3.51-3.576 TEST T-1119	108										2	19	86	
Gas Trans & Storage	JT	JTC	5250998	L-167 MP 26.99-28.03 TEST	42554050	L-167 MP 26.99-28.03 TEST T-1120	0										0			
Gas Trans & Storage	JT	JTC	5251190	DREG4450 MP 0.00-0.09 TEST TS-020	42572308	DREG4450 MP 0.00-0.09 TEST TS-020	15												1	15
Gas Trans & Storage	JT	JTC	5251514	DFM-7224-01 MP 0.00-1.56 TEST T-1023	84000605	T-1023A DFM-7224-01 MP 0-0.95 Test	150													150
Gas Trans & Storage	JT	JTC	5252514	Holding PO for SPSI converted orders HPF	42580767	BD10836 & BD10837 TEST T-1123	1													1
Gas Trans & Storage	JT	JTC	5252516	Holding PO for SPSI converted orders JTC	42122808	L-402 MP 10.14-27.41 TEST T-1003	0		4	5	-9	0		4	-1	2	64	2	-68	-4
Gas Trans & Storage	JT	JTC	5262390	DFM 2403-01 UPRATE 3 MILES, NILES	40755080	DFM 2403-01 UPRATE 3 MILES, NILES	1,948		4	18	48	862	1,017	73	12	5	6	11	4	-114

Total^{1,2}

115,824	523	533	986	1,901	3,385	4,448	10,198	25,063	18,722	16,263	18,261	15,541
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(1) SAP reports are generated monthly. The cumulative total of \$115,824 exceeds hydrostatic testing penalty cap of \$100,927 shown in expense summary tab.

PG&E will only record up to the penalty amount of \$100,927 in the SFGTSA.

(2) Please note the report includes order movements that occurred during 2018.



Order Costs

Master Funding Id	MWC	MAT	Planning Order	Planning Order Desc	Order	Order Desc	Overall Result YTD Dec Actual * 1,000 \$	January 2015	February 2015	March 2015	April 2015	May 2015	June 2015	July 2015	August 2015	September 2015	October 2015	November 2015	December 2015	January 2016	February 2016	March 2016	April 2016	Recast %	January 2016	February 2016	March 2016	April 2016	
								YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$		YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$
Gas Trans & Storage	GF	GFP	5031954	PFL Contracts	8151084	PFL Contractor Holding Order	117	478	-30	-423	767	903	-929	-212	405	85	-585	211	-533	379	448	838	-1,681	1.309	496	587	1,097	-2,200	
Gas Trans & Storage	GF	GFP	5245376	Gas Transmission Mapping	41182920	GT GATHERING, COMMON, MAPPING	1																	1.309	0	0	0	0	
Gas Trans & Storage	GF	GFP	5245376	Gas Transmission Mapping	41183200	GT LOCAL TRANS, COMMON, MAPPING	3,168	84	310	422	116	175	200	186	73	155	167	156	227	140	164	138	244	1.309	183	215	181	319	
Gas Trans & Storage	GF	GFP	5249632	DD&QA - PFL	8163324	PFL - Transmission Closed Order Cost	2,936						266	21	93	153	629	648	-147	0	1	1,007	1.309	-192	0	1	1,318		
Gas Trans & Storage	JT	JT6	5251535	331A MP 5.535-5.681 REPL	42611259	RT-743 L-331A MP 5.535-5.681 REPLACE	19														5	14	1.009	0	0	0	5	14	
Gas Trans & Storage	JT	JT6	5254440	DFM 1501-01 MP 7.39 PCF VALIDATION DIG	41902276	DFM 1501-01 MP 7.39 PCF VALIDATION DIG	2		0	0			0	0					1				1.009	0	0	0	0	0	
Gas Trans & Storage	JT	JTB	5006050		41921576		291	30	32	18	18	7	2	3	3	5	10	8	22	-1	42	38	38	1.128	-2	48	43	43	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	8085037	LINE 21C MP 32 REPAIR DAMAGE	0																	1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	8162899	Material Inspection Correction	43			43														1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41466591	L-57B REPAIR TILT METERS	1	0	0															1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41558158	TRACY REG STATIONS, INSTL SULFUR FILTERS	8			2	0	4	5	1	7	-12								1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41593954	L-118A MP 17.7 CUTOUT MITERED ELBOWS	3																	1.128	0	0	0	3	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41609046	1616-01 MP 0.42 DAMAGE REPAIR	0		0															1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41617605	L-220 MP 22.17 LEAK REPAIR	8						8							1				1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41654598	L-301A MP 3.0 LEAK REPAIR HOLLISTER	4								0	0			3		0		1.128	0	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41679175	L402 MP 20.73 REMOVE 3/4" TAP VALVE	3		0	3	-2		1	1										1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41683424	DFM 1307-01 MP7.3 REPAIR PCF	7						5	0	0					2		0		1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41696389	REPAIR GRADE 1- LEAK ON 0405-01 NAPA	1													1		1		1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41696566	0824-02 MP 1.73 REPAIR	17							17	0									1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41717578	0614-05 MP 0.11 REPAIR LS INDICATIONS	4							3	0									1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41732056	191-1 MP 33.42 DIG-IN	3							0						1				1.128	0	0	0	2	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41758952	L130 MP 0.50 REPLACE V-D	12							1	0	1	6			5	-4	0	3	1.128	-5	0	0	2	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41821315	0611-09 MP 3.02 INST REPAIR SLEEVE	3		1					2	1	-1								1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41840930	7228-09 MP 0.52 DRESSER COUPLING REMOVAL	0		0	0														1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41842491	0618-03 MP 2.65 INSP PIPE FOR DAMAGE	0																	1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41890920	RT-099 21E, MP 93.43, REPLACE 40 OF 121PE	44	1	6	4	28	1	0	0	0	0	1	1	1	1				1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41920641	WILD GOOSE VALVE LOT LEAK REPAIR	0																	1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	41978440	GT 131 MP-43.76 RPLC 16 FT OF 24-IN	10					2	1	3	2						1		0	0	1	1	2	2	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	42115076	GT RT-089 L220 SVC TEE CUT OUTS	20	3	4	5	2	0	1							0	0			1.128	-8	0	0	5	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	42130139	L21D EXPOSED/MAKE SAFE W SIERRA/STONY PT	47	33	4	3	6										9	-7	0	0	5	1.128	-8	0	0
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	42138338	LINE 404 REPAIR VENT STACK BURNLEY	2			0	2													1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	42318472	OCW PNDALE RD & LOWER VALLEY RD NON-PR	71		19	2				-0										1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	42368106	RUST 1305-01 MP7.85 AQUA CALIENTE SONOMA	78			51	2													1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	42402622	NON-GRADED LEAK 12800 DUNBAR RD WILLITS	1							1	4	52	18	3						1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	42441831	OCW MODESTO	1							1										1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	42456745	OCG X.REPAIR SACTO TRANS 71 CHARTS COLLE	5																	1.128	0	0	0	5	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	42490893	PAINT REPAIR EL GROVE-CLARKSBURG PRIMARY	0													0				1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	42552878	*REPAIR MP 2.91 CALAVERAS EXCELSIOR	6													0	1	5		1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5010515	PIPELINE REPAIR, ROW	42554954	WRAP CAME OFF DURING CALETTI AVE STANDBY	83													3	50	11	2	14	1.128	13	2	0	16
Gas Trans & Storage	JT	JTB	5017904	GT Emerg & Unforeseen PL Repair	8162898	Material Inspection Correction	56				56													1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5017904	GT Emerg & Unforeseen PL Repair	40955400	DFM 7221-10 MP 10.31 KIERNAN RD, DIG-IN	10						10	0										1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5024010	GT Pipeline Other	40755130	RESTOCK EMERGENCY PIPE	0																	1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5024010	GT Pipeline Other	40893581	L-303 MP-39.38 REGRADE OHLONE VALVE YARD	16							1	0	4	8	2		1				1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5024010	GT Pipeline Other	41166312	L200 - PERSAIC LEAK REPAIR	1							0	0									1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5024010	GT Pipeline Other	41471918	FAIRWAY STATION YARD REPAIRS	63														63			1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5024010	GT Pipeline Other	41471998	ANNUAL GT AERIAL LEAK SURVEY - STUDY	2																	1.128	0	0	0	2	
Gas Trans & Storage	JT	JTB	5024010	GT Pipeline Other	41534742	L-107 MP 23.02 REPLACE ELBOW SUNOL	3							0	0					2	-2	0		1.128	-2	0	0	0	
Gas Trans & Storage	JT	JTB	5024010	GT Pipeline Other	41608301	L-114 MP-10.51, REPLACE 22-IN ELBOW	0																	1.128	0	0	0	0	
Gas Trans & Storage	JT	JTB	5024010	GT Pipeline Other	41669461	OCG PROPERTY DISPENSATION ENRICO STATIO	59	3	3	4	8	7	4				0	10	4	3	0	8	4	0	1.128	0	9	4	0
Gas Trans & Storage																													

				Period/Year		Overall Result	January 2015	February 2015	March 2015	April 2015	May 2015	June 2015	July 2015	August 2015	September 2015	October 2015	November 2015	December 2015	January 2016	February 2016	March 2016	April 2016	Recast	January 2016	February 2016	March 2016	April 2016			
Master Funding Id	MWC	MAT	Planning Order	Planning Order Desc	Order	Order Desc	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	%	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual	YTD Dec Actual			
						* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$		* 1,000 \$	* 1,000 \$	* 1,000 \$	* 1,000 \$			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	41818874		1					1	0										1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	41841927	2408-05 MP-3.13 REPAIR LEAK	2					0	1	-0				1		0			1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	41843148	GRADE 2+ LEAK - L21B, MP 4.54-NAPA	-0		-1														1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	41857785	1617-01 MP 0.98 GR-2 LEAK REPAIR	0	0															1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	41862085	7228-01 MP 0.48 GR-1 LEAK REPAIR	1			0		1											1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	41868957	L-177B BUTTE STATION - GRD 2 LEAK	2											1					1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	41876467	DFM7228-09 MP 0.0067 REMOVE BRAZED TEE	22			1			2	1	11			0	-0		0			1.128	1	0	0	5		
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	41888955	L-138 MP 16.41 GRADE 2+ LEAK	2	0		0			1										1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	41890052		19	1	0	11	2	2	2	0				0					1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	41893189	(BPO)L137C MP6.6 REPAIR LEAKING VALVE TE	8											0	1				1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	41905226	STATION-HEALY V-1 STEM SEAL LEAK REPAIR	3	0					1										1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	41909257	GT 109_MP 48.19 ROUSSEAU MLV FLANGE LEAK	4				0	0	1	1					1				1.128	0	0	0	1			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	41918165	GT 021G_12.22_REPAIR SAV-A-VALVE GR1 LEA	6						1	0									1.128	0	0	0	4			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	41955128	L124A MP 21.7 LINE STRIKE	0											1					1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	41977373	STATION-FONTANOSO RD V-6 LEAK REPAIR	1						1										1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	41984169	L118A_MP80.7419_GRADE2+ LEAK_REPAIR	7					0	1			1							1.128	0	0	0	5			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42042247	UNION ST_R31_RETIRE LEAKING 3/4" GAUGE TAP	5						2				0						1.128	-1	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42054145	LINE10B_MP49.21_GR1_LEAK_REPAIR	2											0					1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42087440	GT 21E_98.54_REPAIR LEAKING CHECK VALVE	5	2					0	1				1					1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42090606	LINE 1210-01_GRADE 2 LEAK	2						2	-1									1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42103952	HELM JCT - 2 PLUS LEAK	1	1		0			1										1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42119416	DREGS378 MP 257.26 GRADE 3 LEAK REPAIR	10		1			5	2					1	-0				1.128	-2	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42141420	GRADE 2+ TRANSMISSION LEAK #2613240491	1						0					0	-0				1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42143719	169-006_MP 0.2 GRADE 1 LEAK REPAIR	5	1		0	2	0											1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42162278	197C_MP2.543_GR2+ LEAK_REPAIR	3												1				1.128	-2	0	0	2			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42162495	114_0_00 GRADE 2 LEAK REPAIR	8	-1		0	3	1	1	1			0	1					1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42203249	L-0402-01 GRADE 1 LEAK	28		1	10	1	2	1	0				1	1				1.128	0	0	4	8			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42208265	L50A_MP31.64_GRADE2+ LK 109570528	-2	8		32													1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42210914	132 MP 3.07 EMERGENCY HCA LEAK INVSTGTON	1						1										1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42216240	L200C7-3 MP80.82 LK 109579090	65					27	11	4	5	-0			0	3			1.128	0	12	2	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42219539	GT L-400 MP 177.86 VALVE TEE LEAK REPAIR	12		-1	6	2	0	0	1	-0				0				1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42343738		135			105	16	1	1	11									1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42347174	DFM 1602-01 MP 0.69 GRD 2+ LK 110096221	55					0	3	47	2	1							1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42362808	DFM 1601-03 MP3.426 GR2+ LEAK_REPAIR	171																1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42372525	DFM0605-03 MP 2.43 GRD 1 LK 110259963	112					47	31	18	3	3		0	1				1.128	0	0	0	8			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42379762	RT-623 2408-11 MP 7.6 GRD 2+ LK 11036242	143							101	25	7	4	1					1.128	1	0	0	3			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42381072	162A_MP7.2_GRADE2+ LEAK_REPAIR	24							13	5	0		0					1.128	0	0	0	4			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42382485	DFM 1501-01 MP0.69 GRADE 1 LEAK	157																1.128	1	0	0	1			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42426267	GCUST5814_MP 0.07_REPAIR GR. 1 LEAK	120							1	82	2		8	3		3		1.128	1	4	6	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42426268	1815-02 MP 15.1 HWY 68 GRD 1 LEAK REPAIR	281							141	5	4	88	31		54	-34	-11	6	2	1.128	-38	-13	7	2	
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42460383	DREG4715_INSULATING JOINT_GRD-1 LEAK	82								20		41	7		9	4	0	1	1.128	0	0	0	1		
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42461312	RT-654 2403-01 MP 4.64 GRADE 2 LEAK REPA	10										2		3	9	0	-8	2	3	1.128	0	-9	2	3	
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42466641	DFM 0617-06 MP 11.02 GRD 1 LK# 110625558	119									114		2		2			1	1.128	0	0	0	0		
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42567252	TIMBER REG STATION LEAK	26											22		4			1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42570496	L-142N MP12.8 GRD 2 LK 110864752	250											128		82		8	20	1	6	1.128	9	22	1	7
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42576065	137C_6.75_REPAIR GRADE 2 LK 110877617	16												16				1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42588434	DFM 1512-03 MP 0.11 GR 1 LEAK	21													17	2		1	1.128	2	1	0	0		
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42592381	057A MP 6.34 GRD 2+ LK 11097009	91													8	51	14	-23	31	1.128	57	16	-26	36	
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42594497	L137C_6.75 LEAK REPAIR LK 3708300281	21												14				6	1.128	0	0	0	7		
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42613805	L-300A MP 108.44 GRADE 1 LEAK REPAIR	336																1.128	240	56	40	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42623530	EMERGENCY PIPE_MTR S FOR 16" & GREATER	0																1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42627032	L-300A MP 115.35A LEAK REPAIR	94																1.128	0	63	27	4			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42680208	DFM 0112-01 MP 0.02 GRADE 1 LK 111548686	28														56	24	4	1.128	0	0	0	28		
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42682742	DREG3725 MP 1.0 GRD1 LK 111556091	81																1.128	0	0	0	81			
Gas Trans & Storage	JT	JTB	5245157	2015 Leak Repairs	42683020	137C_7.41_REPAIR GRADE 2+ LK 110884334	12																1.128	0	0	0	12			
Gas Trans & Storage	JT	JTB	5245158	TBD 2015-2019 Dig-ins	40737594	GP DFM 0405-01_MP 23.57-REP 6" ST. HEL	7						1	0									1.128	0	0	0	1			
Gas Trans & Storage	JT	JTB	5245158	TBD 2015-2019 Dig-ins	41224982		2																1.128	0	0	0	0			
Gas Trans & Storage	JT	JTB	5																											



Order Costs

Master Funding Id	MWC	MAT	Planning Order	Planning Order Desc	Order	Order Desc	Overall Result YTD Dec Actual * 1,000 \$	January 2015	February 2015	March 2015	April 2015	May 2015	June 2015	July 2015	August 2015	September 2015	October 2015	November 2015	December 2015	January 2016	February 2016	March 2016	April 2016	Recast %	January 2016	February 2016	March 2016	April 2016	
								YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$		YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$
Gas Trans & Storage	JT	JTB	5245158	TBD 2015-2019 Dig-ins	42610746	OCG 1311-01_1_38_REPAIR MECHANICAL DAMAG	17													8	8	-2		1.128	9	9	-2	0	
Gas Trans & Storage	JT	JTB	5245158	TBD 2015-2019 Dig-ins	42678897	L-314 NEAR MP 43.18 MECHANICAL DAMAGE	6																6	1.128	0	0	0	6	
Gas Trans & Storage	JT	JTB	5252492	MCS V-53 valve and pressure indication	41073034	41073034	-112			2	6	0	0	5	-5	0	1						-110	1.128	0	0	2	-125	
Gas Trans & Storage	JT	JTB	5257212	L-153 MP 1.988 Reducer Wall Thickness	42458045	L-153 MP 1.988 REDUCER WALL THICKNESS	231																0	1.128	-83	23	3	0	
Gas Trans & Storage	JT	JTD	5006049	GT_Systemwide_Backbone North	41986938	U_DCUST_201201241018 VALVE VERIFICATION	2			1			0		0					20	265		0	1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5006053	GT_Systemwide_Local Transmission	8159889	L-132 MP 32.55 DREG4745 DFDS3601 MAOPDIG	0			0														1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5006053	GT_Systemwide_Local Transmission	41663874	L-148 CUTOOUT AND OTHER POSS LINE STIRKE	1													1				1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5006053	GT_Systemwide_Local Transmission	42127974	0833-01_5_24_PCF TDW INVESTIGATION DIG	1	-0		0	0	0												1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5006053	GT_Systemwide_Local Transmission	42127977	0834-01_3_58_PCF TDW INVESTIGATION DIG	-2	-0	-5	1	0	0								1	1			1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5006053	GT_Systemwide_Local Transmission	42128608	1615-04_0_02_PCF TDW Investigation Dig	-1	1	-5	2	-0													1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5006053	GT_Systemwide_Local Transmission	42128618	3148_0_00_PCF TDW Investigation Dig	0	-0	-1	1	-0													1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5006053	GT_Systemwide_Local Transmission	42169857	57A-MD1_0_58_DIG EXISTING FORGED ELBOW	14	-6	5	2	12										0	1			1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5006053	GT_Systemwide_Local Transmission	42195246	IM PODS DATA ISSUES	-5	-66	25	16	-1	3	10	35	-36										1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5017904	GT_Emerg_&Unforeseen_PL_Repair	41347432	DFM 1617-01_MP 0_95_REPAIR LEAK	0																	1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5022450	GT_Painting_&Coating Maintenance	41886286	L021C MP 43.24 PAINT EXISTING PIPE	8			0														1.195	0	0	0	5	
Gas Trans & Storage	JT	JTD	5022450	GT_Painting_&Coating Maintenance	42158319	GT OCW 1010 FAIR AVE SANTA CRUZ	5	0	0		1	1	0	-0	0					0				1.195	-1	0	0	0	
Gas Trans & Storage	JT	JTD	5022450	GT_Painting_&Coating Maintenance	42307030	OCW 5512 KENNETH AVE FAIR OAKS	12	9	2	0	0													1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5022450	GT_Painting_&Coating Maintenance	42398641	REPAIR PIPE_SPAN_L-121_MILE POINT 5.2	1					0	1											1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5022450	GT_Painting_&Coating Maintenance	42462381	OCW_29TH AVE & E 7TH ST OAKLAND	41							31	14		-11				0	3	1	0	1.195	0	0	0	4
Gas Trans & Storage	JT	JTD	5022450	GT_Painting_&Coating Maintenance	42454256	RTU NOT COMMUNICATING	0																		1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5022450	GT_Painting_&Coating Maintenance	42469167	SP-5 MP 3.65 COATING REPAIR	9													4		0	4		1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5022450	GT_Painting_&Coating Maintenance	42552755	OCW DIANA AVE & HILL RD_MORGAN HILL	2																	1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5022450	GT_Painting_&Coating Maintenance	42559065	FACILITY REPAIR	3															3		1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5022450	GT_Painting_&Coating Maintenance	42594821	REPLACE ALL #2 LOCKS WITH THE #1 PRIMUS	1																	1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5022450	GT_Painting_&Coating Maintenance	42633317	OCW GRIDLEY	3																	1.195	0	0	3	0	
Gas Trans & Storage	JT	JTD	5024010	GT_Pipeline_Other	8137797	Contractor Welding Operational Qual	0																	1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5024010	GT_Pipeline_Other	41462603	GOSFORD INTERTIE MAINTENANCE	5																	1.195	0	0	0	5	
Gas Trans & Storage	JT	JTD	5025335	Pipeline_Other-L300 Panochi to Milpitas	41986936	L-300A MP 429.03 MAOP VERIFICATION DIG	3	-1	2				0	0										1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5025335	Pipeline_Other-L300 Panochi to Milpitas	41986937	L-300A MP 429.25 MAOP VERIFICATION DIG	1	0					0	0										1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5026421	Pipeline_Other-LT	42668555	VERIFY CTS MP152.698-187.568	0																	1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5026426	Pipeline_Other-Storage	42646994	EXPOSE DEACTIVATED SECTION L-100 & L-103	2																	1.195	0	0	2	0	
Gas Trans & Storage	JT	JTD	5027294	Pipeline_Centerline Survey Remediation	42092753	PIPELINE SRVCS PLCL ENGINEERING ASSESSME	95	5	35	47	20	18	-7	-32	4									1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5027294	Pipeline_Centerline Survey Remediation	42102401	2014 PLCL PIPELINE PATROL PROGRAM	1	54	29	41	33	36	17	-19	-190									1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5027294	Pipeline_Centerline Survey Remediation	42102402	2015 PLCL PIPELINE GROUND PATROL PROGRAM	7	7																	1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5027294	Pipeline_Centerline Survey Remediation	42134455	2014 LINE 300B TOPOCK PLCL ROAD REPAIRS	-0	-0																	1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5027294	Pipeline_Centerline Survey Remediation	42173184	2014 XSGO L406 PLCL 29472 MP2 13.8269 ET	3	3																	1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5027294	Pipeline_Centerline Survey Remediation	42173186	2014 X SGO L406 PLCL 29473 MP2 13.8269 W	3	3																	1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5027294	Pipeline_Centerline Survey Remediation	42173855	2014 X L0651-01 MP2 1.87 VENT STACK NATO	8	1	0	6	1		1												1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5027294	Pipeline_Centerline Survey Remediation	42173857	2014 OCG XSGO L0645-01 MP2 2.33 REPAIR E	2	2																	1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5027294	Pipeline_Centerline Survey Remediation	42178407	2014 LINE 300 A&B PLCL ROAD REPAIRS HN	-1	-1																	1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5027294	Pipeline_Centerline Survey Remediation	42178462	2014 LOCAL TRANSMISSION PLCL ROAD REPAIR	4	4		0															1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5027294	Pipeline_Centerline Survey Remediation	42202409	NEW PIPELINE MARKERS-HUMBOLDT	2																		1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5027294	Pipeline_Centerline Survey Remediation	42202919	2015 NEW PIPELINE MARKERS-NORTH BAY	1						0	1											1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5027294	Pipeline_Centerline Survey Remediation	42434318	2015 PIPELINE CENTERLINE SURVEY REMEDIAT	0																		1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5027709	TCI_Inspection	41985291	TCI RE-EXAM 400 ANTOCH GENON MARSH LAND	108	1		4				1											1.195	1	100	0	0
Gas Trans & Storage	JT	JTD	5027709	TCI_Inspection	42038993	TCI WELD - VALIDATION PLANNING & D	533	83	65	182	26	31	23	22	-21		22	19							1.195	-11	32	-33	0
Gas Trans & Storage	JT	JTD	5027709	TCI_Inspection	42038994	TCI WELD - EXCAVATIONS	7		7																1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5031558	NAPA EARTHQUAKE L-021B MP 3.88	42199452	NAPA EARTHQUAKE L-021B MP 3.88	2	-20	11	-3	4	1	9	-0										1.195	0	0	0	0	
Gas Trans & Storage	JT	JTD	5033269	September Fires 2015	42470396	GT - BUTTE FIRE - 9/12/2015	364										130	234											



Order Costs

Master Funding Id	MWC	MAT	Planning Order	Planning Order Desc	Order	Order Desc	Overall Result YTD Dec Actual * 1,000 \$	January 2015	February 2015	March 2015	April 2015	May 2015	June 2015	July 2015	August 2015	September 2015	October 2015	November 2015	December 2015	January 2016	February 2016	March 2016	April 2016	Recast %	January 2016	February 2016	March 2016	April 2016
								YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$		YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$	YTD Dec Actual * 1,000 \$
Gas Trans & Storage	JT	JTD	5245166	Investigations	42364443	DREG7096 MP 0.07 POTHOLE FOR MECH DAMAGE	44					1	1	1	4	2	10	4	6	-4	1	3	14	1.195	-5	1	4	17
Gas Trans & Storage	JT	JTD	5245166	Investigations	42364444	DFM 1221-01 MP 0.18 POTHOLE FOR MECH DAM	32					0	2	1	5	4	9	4	6	-4	1	2	3	1.195	-5	1	3	4
Gas Trans & Storage	JT	JTD	5245166	Investigations	42364447	L-314 MP 43.06 POTHOLE FOR MECH DAMAGE	149					1	1	1	5	4	12	3	7	-4	1	5	94	1.195	-5	1	6	113
Gas Trans & Storage	JT	JTD	5245166	Investigations	42364448	L-142N MP 2.68 POTHOLE FOR MECH DAMAGE	84					1	1	1	6	4	12	3	7	-4	1	8	36	1.195	-5	1	10	43
Gas Trans & Storage	JT	JTD	5245166	Investigations	42374441	L196A MAOP INVESTIGATION DIG	191					0	37	4	10	58	43	6	2		1	18	6	1.195	0	1	21	7
Gas Trans & Storage	JT	JTD	5245166	Investigations	42374446	1209-06 MP 2.56 POTHOLE FOR MECH DAMAGE	84					1	1	1	5	2	12	4	7	-4	1	12	34	1.195	-4	1	15	40
Gas Trans & Storage	JT	JTD	5245166	Investigations	42391937	L-404 MP 1.84 - 1.92 INVESTIGATION DIGS	59					1	1	1	5	4	17	7	2	1	12	1	6	1.195	1	15	1	7
Gas Trans & Storage	JT	JTD	5245166	Investigations	42391938	RT-831 L-134A MP 8.02 CUTOUPS (PLCL15-10	68						1	1	4	2	10	4	1	0	1	3	33	1.195	0	1	3	40
Gas Trans & Storage	JT	JTD	5245166	Investigations	42391939	RT-820 L-134A MP 4.26 SLEEVE REPAIR (PLC	78						1	1	4	2	11	5	2	1	1	3	40	1.195	1	1	3	48
Gas Trans & Storage	JT	JTD	5245166	Investigations	42392281	193-035_MP 0.542_INVESTIGATION DIG	45						1	1	5	3	15	2	1	0	5	2	7	1.195	1	6	2	9
Gas Trans & Storage	JT	JTD	5245166	Investigations	42392282	L-164 LOCATE MOD. DRESSER SLEEVES	28						1	1	2	0	1	0	17		4	0	0	1.195	0	4	0	0
Gas Trans & Storage	JT	JTD	5245166	Investigations	42397248	R-618 L-118A 0.01MI MP63.65&65.53 REWORK	30							1	2	15	6	4	2	1	1			1.195	1	1	0	0
Gas Trans & Storage	JT	JTD	5245166	Investigations	42422826	RT-661 L-057B MP 10.06 SLEEVE REPAIR	44										3	12	11	3	2	8	3	1.195	3	2	9	4
Gas Trans & Storage	JT	JTD	5245166	Investigations	42454167	101 MP 12.50-12.63 AO SMITH REPLACEMENT	789								787			0	1	0				1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5245166	Investigations	42464292	RT-651 3001-01 MP 1.99 INVESTIGATION DIG	92									10	61	14	3	1	3	0		1.195	1	3	1	0
Gas Trans & Storage	JT	JTD	5245166	Investigations	42464293	L105B_MP 10.29_ EBMUD WATER LINE REROUTE	18									0	0	16	1		0	0		1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5245166	Investigations	42469119	1619-01 MP 1.51 WT VALIDATION DIG	163										7	17	202	-79	10	2	15	1.195	-95	12	2	17
Gas Trans & Storage	JT	JTD	5245166	Investigations	42630212	EXCAVATE LINE 300B_MP 366	16														10	1	3	1.195	0	12	1	4
Gas Trans & Storage	JT	JTD	5245166	Investigations	42677895	RT-813 L-401 MP 186.0090 SLEEVE REPAIR (1																	1.195	0	0	0	1
Gas Trans & Storage	JT	JTD	5245167	Studies	42097874	GT 021A_24.53_MITIGATE EXPOSED PIPE STUD	11		1	1		0	0	1	1		1	1		3	0	0	2	1.195	0	0	2	1
Gas Trans & Storage	JT	JTD	5245167	Studies	42102266	L-21B MP 16.5 ADOBE CRK ERCON STUDY	1																	1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5245167	Studies	42108821	DFM0627-01 MPO.23 EMERGENT INPSECTION	0	0	0															1.195	0	0	0	0
Gas Trans & Storage	JT	JTD	5250314	X6460_MP 18.07_Pup Replacement	42464297	RT-655 X6460_MP 18.07_PUP REPLACEMENT	47									1	10	10	14	-6	12	4	1	1.195	-8	14	5	2
Gas Trans & Storage	JT	JTD	5251155	Dig Investigations	42623524	L-142N MP 12.22 PLCL DIG #2	2														0		1	1.195	0	0	0	2
Gas Trans & Storage	JT	JTD	5251155	Dig Investigations	42623528	L-142N MP 12.20 PLCL DIG # 1	2														0		1	1.195	0	0	0	2
Gas Trans & Storage	JT	JTD	5251604	L-57C Operational Piggig MP 0.00-6.04	84000745	I-216 L-057C MP 0.00-6.04 ILI PIGGING &	594													220	242	25	9	1.195	263	290	30	11
Gas Trans & Storage	JT	JTD	5251605	L-57B Operational Piggig MP 0.00-16.66	84000746	I-217 L-057B MP 0.00-16.66 ILI PIGGING &	620													235	265	5	14	1.195	281	317	6	17
Gas Trans & Storage	JT	JTK	5018994	Vegetation Mgmt - Routine	8168340	Right of Way Stewardship	25																	1.098	0	0	0	0
Gas Trans & Storage	JT	JTK	5018994	Vegetation Mgmt - Routine	41635479	DFM 1818-1 MP 10.7-13.1 VEGETATION MGMT	0					0												1.098	0	0	0	0
Gas Trans & Storage	JT	JTK	5018994	Vegetation Mgmt - Routine	41635680	LOCAL TRANS - HUMBOLDT - VEGETATION MGMT	1			0					1									1.098	0	0	0	0
Gas Trans & Storage	JT	JTK	5018994	Vegetation Mgmt - Routine	41960406	GAS TRANSMISSION VEGETATION MAINTENANCE	1,001	25	26	14	27	52	13	15	8	14	11	95	171	104	30	214	132	1.098	114	33	235	145
Gas Trans & Storage	JT	JTK	5018994	Vegetation Mgmt - Routine	42045905	GT L-177B_MP 3.4_PINE TREE REMOVAL	10		1	2	0	0	1											1.098	1	0	0	5
Gas Trans & Storage	JT	JTO	5019788	Encroachments	42334894	GT 3017-01 MP 6.78 OF 8" ENCROACHMENT	16		1	1	1	4	1	1	0	0	1	5	2					1.174	0	0	0	0
Gas Trans & Storage	JT	JTO	5019788	Encroachments	42567160	STATION--ANZAR TAP ACCESS ROAD REPAIRS	56											0	2	1	45	-0	0	1.174	1	53	-0	0
Gas Trans & Storage	JT	JTO	5023989	Pipeline ROW Encroachments	41946934	L-300AB MP 496-499 ROW CLEAN UP	1			0										1				1.174	0	0	0	0
Gas Trans & Storage	JT	JTO	5023989	Pipeline ROW Encroachments	42300492	OCW GEER & SANTA FE TURLOCK	2	1	0															1.174	0	0	0	0
Gas Trans & Storage	JT	JTO	5023989	Pipeline ROW Encroachments	42331605	OCW VALVES LIVERMORE	2		2	0														1.174	0	0	0	0
Total ^{1,2}							21,126	955	130	1,233	1,805	2,156	832	764	1,471	1,443	1,207	1,721	2,134						1,817	1,499	1,643	314

(1) SAP reports are generated monthly. The cumulative total of \$21,126 exceeds Expense projects penalty cap of \$20,981 shown in expense summary tab. PG&E will only record up to the penalty amount of \$20,981 in the SFGTSA.
 (2) Please note the report includes order movements that occurred during 2018.

<u>MAT</u>	<u>Factor</u>
GFP	1.308539
GJM	1.07202
JOQ	1.898489
JOP	1.623543
JOM	1.625951
JON	1.728744
JOY	1.580384
JO2	1.588115
JOS	1.569291
JOT	1.141312
JPI	1.597224
JTO	1.173622
JTC	1.068457
JT6	1.008776
JTD	1.195435
JTB	1.127983
JT5	0.807886
JTK	1.097543
HPF	0.965773

*Notes: The conversion factors listed above are a representation of annual 2015 costs by MAT code adjusted for inclusion or exclusion of overheads
For more details, refer to Cost Model Change section of the Annual Shareholder Funded Gas Transmission Safety Report.*

**SHAREHOLDER FUNDED REPORT
ATTACHMENT D**



Pacific Gas and Electric Company
Shareholder Funded Capital Accounting Detail

Amounts highlighted have been adjusted to tie to Program Cap. (Amounts in excess of CAP have been removed)

Attachment D (1)

Ln	Chapter	Program	MAT	MAT Description	Master Funding ID	Planning Order	Planning Order Description	Order	Order Description	Operative Date	Shareholder Funded
1	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5505679	Pipeline Integrity Management Program	30954182	L-21E MP 95.24 & MP 95.98 PIPE REPLCMT	04/28/2014	2,688.06
2	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5511759	Pipeline RIM Projects	30960073	DFM-7221-10 T-040-12 CAP MP 7.45-9.65	10/16/2012	2,715.37
3	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5511759	Pipeline RIM Projects	30968135	L-210B CASING REPLACEMENT MP 14.30	06/26/2014	(16.95)
4	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5722990	30677902-L-132 MP 0.00-31.93 IUI Upgrade	30677902	I-013A L-132 MP 0 TO 32.93 IUI UPGRADE	05/17/2014	214,353.87
5	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5723017	P.01923-L-114 MP 9.03-16.59 IUI Int Mgmt	7057430	L-114 MP 9.03-16.59 Direct Exam & Rep	06/15/2006	3,260.28
6	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5723868	P.03638-L-105N IUI MP 7.75 TO 22.85 Upgr	30836558	L-105N MP 7.75-22.85 LAND ACQUISITION	1/1/2015	795.94
7	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5723869	30603910-L-108 MP 14.62-36.96 IUI UPGRADE	30603910	L-108 MP 14.62-36.96 IUI UPGRADE	10/11/2011	22,158.72
8	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5723900	30603919-L-210a IUI MP1.38-19.47 Pipelin	30603919	L-210a IUI MP1.38-19.47 PIPELINE UPGRADE	06/09/2009	8,878.33
9	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5723901	30603920-L-57a MP 9.29-16.68 IUI Upgrad	30603920	L-57a MP 9.29-16.68 IUI UPGRADE	10/17/2011	1,237.06
10	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5723902	30603922-L-21c/e MP 35.05-64.36 IUI Upgr	30603922	L-21c/e MP 35.05-64.36 IUI UPRG	04/09/2008	84.32
11	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5723903	30603923-L-215 MP 0.00-20.05 IUI Upgrade	30603923	L-215 MP 0.00-20.05 IUI UPGRADE	05/19/2008	420.90
12	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5724159	P.01525-L-172A MP 40.07-69.81 IUI Int Mgt	7046013	L-172A MP 40.07-69.81 Upgrade Pipeline	06/07/2004	26,460.13
13	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5733801	P.02962-L-177A IUI UPGRADE	30604421	L-177A MP 88.80 - 163.04 IUI UPG(AREA6)	07/13/2009	34,745.30
14	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5733801	P.02962-L-177A IUI UPGRADE	30674128	L-177A MP 88.80 - 163.04 IUI UPG(AREA 7)	02/09/2010	16,366.79
15	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5733910	30677903-L-109 MP 0.00-43.47 IUI UPGRADE	30677903	I-043 L-109 MP 0.00-43.47 IUI UPGRADE	08/21/2013	187,782.99
16	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5734538	30603913-L-210b MP 1.37-25.98 IUI Upgrad	30603913	L-210B MP 1.37-25.98 IUI UPGRADE	03/29/2010	29,829.03
17	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5735320	30712760-L-215 MP 0.00-20.05 IUI UPGRADE	30712760	L-215 MP 0.00-20.05 IUI UPGRADE	12/07/2015	2,510,551.52
18	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5741598	30603912-L-1509-05 MP 0.00-6.49 IUI UPRG	30603912	L-1509-05 MP 0.00-6.49 IUI UPGRADE	10/20/2011	9,143.27
19	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5746147	30963799-L-114 PIG LAUNCHER/RECEIVER AT	30963799	L-114 PIG LAUNCHER/RECEIVER AT DALTON	11/26/2014	387,355.34
20	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5750529	30966292-L177A MP 94.81- 95.05 REPLACE P	30966292	GT 67 L177A MP 94.81- 95.05 REPLACE PIPE	09/29/2014	72,434.41
21	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5751806	30962285-L-050A-1 T-223A-13 MLV 2.22 & 1	30962285	L-050A-1 T-223A-13 MLV 2.22 & 1502-01/02	06/12/2014	3,737.44
22	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5752747	30952180 - 2013 PORTABLE IUI EQUIPMENT	30952180	2013 PORTABLE IUI EQUIPMENT	12/29/2015	56,783.44
23	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5752754	30965873 - L-153 IUI UPGRADE MP 17.63-27	30965873	I-010 L-153 MP 17.65-18.02 IUI UPGRADE	07/29/2015	7,267,067.99
24	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5757303	31011200 - L-57C MP 0.00 - 6.41 IUI UPRG	31011200	I-066 L-57C MP 0.00 - 6.41 IUI UPRG PRI	07/11/2014	398,336.41
25	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5757349	31037507 - L-114 IUI UPGRADE MP 28.98-34	31037507	I-045 L-114 MP 28.98-34.06 IUI RECV UPGD	08/31/2015	3,270,167.03
26	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5757350	31037510 - L-119A IUI UPGRADE MP 9.69-16	31037510	I-053C L-119A MP 9.69-12.15 IUI UPGRADE	07/01/2015	1,192,232.74
27	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5757355	31040364 - L-0617-06 IUI UPGRADE MP 11.0	31040364	I-046C DFM-0617-06 MP11.01-13.01 IUI UPG	10/27/2015	1,535,606.94
28	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5757356	31040414 - L-0617-08 IUI UPGRADE MP 0.00	31040414	I-047C DFM-0617-08 IUI UPGRADE MP0-3.25	11/09/2015	853,909.07
29	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5757358	31041568 - L-132A IUI UPGRADE MP 0.00-1.1	31041568	L-132A IUI UPGRADE MP 0.00-1.49	10/15/2015	1,771,940.43
30	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5757361	31042556 - L-107 IUI UPGRADE MP 26.61-38	31042556	L-107 MP 26.61-31.22 IUI UPGRADE	09/08/2015	1,842,391.36
31	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5759345	31086474-DFM 0617 ROSEVILLE IUI UPG LNCR	31087562	I-047B DFM-0617-03 MP 0.00-1.04 IUI UPRG	10/07/2015	2,989,253.33
32	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5759876	L-21H IUI UPGRADE MP 0.00-1.52 LAUNCHER	31051618	L-21H IUI UPGRADE MP 0.00-1.52	11/09/2015	877,856.27
33	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5762495	31086127-I-0568 L-215 MP 0.00-20.05 IUI	31086127	I-0568 L-215 MP 0.00-20.05 IUI UPGRADE	11/04/2015	1,119,475.99
34	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5762498	31086130	31086130		12/08/2015	1,841,360.81
35	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5762499	31086131	31086131		11/19/2015	66,207.95
36	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5762500	31037502-L-138 IUI UPGRADE MP 43.58-49.4	31037502	I-051B L-138 IUI UPGRADE MP 43.58-49.43	09/11/2015	2,342,537.61
37	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5762501	31086479-DFM-0617-06 MP 11.01 LAUNCHER	31086479	I-046A DFM-0617-06 MP 11.01 LAUNCHER	10/27/2015	2,389,156.61
38	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5762502	31086521-DFM-0617-06 MP 13.01 RECEIVER	31086521	I-046B DFM-0617-06 MP 13.01 RECEIVER	12/15/2015	2,788,450.56
39	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5762503	31086289-ANTIOCH TERMINAL IUI UPGRADE LA	31086289	I-052A ANTIOCH TERMINAL IUI UPRG LAUNCHR	10/19/2015	3,820,569.28
40	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5762504	31086284-L-132A SIERRA VISTA STA IUI UPG	31086284	L-132A SIERRA VISTA STA IUI UPGRADE LAUN	09/01/2015	4,210,913.90
41	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5762505	31086338-L-132A RENGSSTORFF STATION IUI U	31086338	L-132A RENGSSTORFF STATION IUI UPGRADE RE	08/07/2016	3,674,469.86
42	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5762507	31111715-402/403/404/405/406/407/408 I	31111715	ED OF L-401 I	08/07/2015	2,138,251.37
43	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5762508	31084917-TARPEY REG STATION IUI UPGRADE	31084917	I-049A TARPEY REG STATION IUI UPRG REC	09/23/2015	2,929,905.32
44	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5762509	31086124-L-138C MP 43.58-50.02 IUI UPRGA	31086124	I-049B L-138C MP 43.58-50.02 IUI UPGRADE	01/04/2016	1,796,984.71
45	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5762510	31086126	31086126		07/06/2015	1,400,159.41
46	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5762513	31037504-I-049C DFM 1202-16 MP 2.59-4.60 IUI U	31037504	I-049C DFM 1202-16 MP 2.59-4.60 IUI UPRG	07/09/2015	1,175,051.29
47	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5762514	31086125-DFM-1202-17 MP 0.00-2.58 IUI UPR	31086125	I-49D DFM-1202-17 MP 0.00-2.58 IUI UPRGA	06/30/2015	11,213.26
48	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5762515	31086381-FRESNO GAS LOAD CTR IUI UPGRADE	31086381	I-051A FRESNO GAS LOAD CTR IUI UPRG REC	06/16/2015	1,184,267.10
49	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5763747	RT-131 L-21E MP 83.11 REPL 20FT OF 12IN	31120713	RT-131 L-21E MP 83.11 REPL 20FT OF 12IN	04/27/2015	419,402.56
50	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5764710	L-101 MP 32.57 Remove Aviator Station	31064392	L-101 MP 32.57 REMOVE AVIATOR STATION	01/19/2016	1,215,945.39
51	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5765288	IUI Upgrades Santa Rita Station	31167441	I-105C IUI UPGRADES SANTA RITA STATION	01/22/2016	2,009,312.80
52	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770536	I-044D L-402 MP0.02 ADD DF TAPOFF L-401	31117575	I-044D L-402 MP0.02 ADD DF TAPOFF L-401	08/19/2015	(19,894.59)
53	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770560	I-047F DFM-0617-06 MP 5.22 DFM-0617-08	31087565	I-047F DFM-0617-06 MP 5.22, DFM-0617-08	11/16/2015	4,611,638.51
54	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770561	I-047G DFM-0617-BMP3.25-3.28/0617-07 MPO	31087566	I-047G DFM-0617-BMP3.25-3.28/0617-07 MPO	10/07/2015	753,309.07
55	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770562	I-103E L-173 MP 7.63 REPL MLV-7.63	31017384	I-103E L-173 MP 7.63 REPL MLV-7.63	02/25/2016	5,143.85
56	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770568	L-109 IUI SWITCHING STATION MP 23.30	31136645	L-109 IUI SWITCHING STATION MP 23.30	12/29/2015	3,273,145.33
57	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770572	I-041B L-108 SAC GAS LOAD CTR IUI UPG	31085889	I-041B L-108 SAC GAS LOAD CTR IUI UPG	10/21/2015	3,105,242.73
58	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770574	I-047A DFM 0617 ROSEVILLE REG UPG LAUNIC	31086474	I-047A DFM 0617 ROSEVILLE REG UPG LAUNIC	12/01/2015	8,938,657.14
59	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770579	I-053D L-119A MP 12.15-16.46 IUI UPGRADE	31086346	I-053D L-119A MP 12.15-16.46 IUI UPGRADE	07/21/2015	718,641.26
60	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770580	31086607	31086607		08/27/2015	825,417.30
61	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770581	I-053B L-119A N. SAC UNDRGRND HLD R IUI U	31086068	I-053B L-119A N. SAC UNDRGRND HLD R IUI U	07/16/2015	1,195,634.62
62	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770582	I-043C L-109 REPLACE MLV 4.52 GT	31125448	I-043C L-109 REPLACE MLV 4.52 GT	04/22/2015	958,365.03
63	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770583	I-041D L-108 MP 66.80-67.87 IUI UPGRADE	31085892	I-041D L-108 MP 66.80-67.87 IUI UPGRADE	04/29/2015	824,043.85
64	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770584	I-043B L-109 REMOVE 1D ELBOW MP 0.68	31125449	I-043B L-109 REMOVE 1D ELBOW MP 0.68	04/20/2015	4,269,145.55
65	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770585	I-051C L-138 I051-C MP 49.42 IUI UPGRADE	31086286	I-051C L-138 I051-C MP 49.42 IUI UPGRADE	11/16/2015	194,029.96
66	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770586	I-043D L-109 REPLACE GUADALUPE CREEK	31125444	I-043D L-109 REPLACE GUADALUPE CREEK	10/15/2015	1,885,863.96
67	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770587	GT L-401 MP 319.2 INT ANORMALLY CUT-OUT	30610007	GT L-401 MP 319.2 INT ANORMALLY CUT-OUT	12/11/2008	194.72
68	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770589	R-268 L 57B MP 0.0152-0.0194 REPLACEMENT	30932744	R-268 L 57B MP 0.0152-0.0194 REPLACEMENT	06/11/2013	11,755.77
69	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770591	L-210A MP 19.5-25.9 IUI UPGRADE	30962228	L-210A MP 19.5-25.9 IUI UPGRADE	09/09/2013	5,138.42
70	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770597	I-047H DFM-0617-07 MP 1.11 RECR IUI UPG	31086520	I-047H DFM-0617-07 MP 1.11 RECR IUI UPG	10/07/2015	3,905,279.06
71	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770598	31085887	31085887		09/14/2015	2,591,441.71
72	4A	TIMP	98C	IU Upgrades	Gas Trans & Storage	5770599	R-570 L-147 MP 2.35 IUI CUT OUT (RT)	31136965	R-570 L-147 MP 2.35 IUI CUT OUT (RT)	11/24/2015	3,474,887.90
73	4A	TIMP	98D	Long Term Integrity Mngmt Plan	Gas Trans & Storage	5511359	IM Short Replacements ("RIM") >50'	30983987	RIM - 078 DF340 MP 4.33 CUT - OUT	11/15/2013	8,554.42
74	4A	TIMP	73D	LNG / CNG	Gas Trans & Storage	5501686	Capacity Eng Perm and Procure B3	31198328	PURCHASE NEW 1		

Amounts highlighted have been adjusted to tie to Program Cap. (Amounts in excess of CAP have been removed)

Attachment D (1)

Ln	Chapter	Program	MAT	MAT Description	Master Funding ID	Planning Order	Planning Order Description	Order	Order Description	Operative Date	Shareholder Funded
80	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5512500	LNG/CNG Capital Equipment	31060228	CNG - INSTL CAPITAL MONITORING UNITS	09/14/2016	4,583.45
81	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5512500	LNG/CNG Capital Equipment	31084212	CNG TUBE TRAILER PURCHASE 21-22	06/19/2017	53,056.79
82	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5512500	LNG/CNG Capital Equipment	31106781	CNG TUBE TRAILER PURCHASE 23-24	06/19/2017	65,612.85
83	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5512500	LNG/CNG Capital Equipment	31138364	LNG-CNG BUILD INL. PNT. VALVED TEE	07/01/2015	48,374.44
84	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5512500	LNG/CNG Capital Equipment	31138365	LNG-CNG BUILD DUAL RUN TEE SETUP	07/01/2015	41,716.85
85	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5512500	LNG/CNG Capital Equipment	31138366	LNG-CNG 1" AND 2" HOSES	07/01/2015	44,181.52
86	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5512500	LNG/CNG Capital Equipment	31138368	LNG-CNG CNG AHX UPGRADES	11/11/2015	66,875.90
87	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5512500	LNG/CNG Capital Equipment	31138369	LNG-CNG GAP DGAP UPGRADES	11/11/2015	156,266.25
88	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5512500	LNG/CNG Capital Equipment	31152678	LNG-CNG UPGRADE HOKE VALVES PRIBL ASSTS	09/15/2015	16,436.50
89	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5512500	LNG/CNG Capital Equipment	31270884	LNG WATER BATH VAPORIZERS #1 AND 2	1/1/2015	40,488.59
90	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5512500	LNG/CNG Capital Equipment	31287903	LNG SECONDARY LOCATION	1/1/2015	14,926.33
91	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5512500	LNG/CNG Capital Equipment	31309373	2 NEW CNG (8 TUBER) TRAILER PURCHASE	1/1/2015	294,650.09
92	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5512500	LNG/CNG Capital Equipment	31309374	2 CNG AMBIENTS AHX-221 STYLE SERIES	1/1/2015	65,115.79
93	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5514119	Capacity Program	31084718	BOTTLE TRAILER-REPLACEMENT/RECERTIFICAT	06/2016	316,054.43
94	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5514119	Capacity Program	31094965	T-419-14, DFM-2403-01, TEST, FREMONT	05/18/2015	252,830.95
95	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5514119	Capacity Program	31105944	TRIM REGULATION TRAILER THX 503-505	03/2017	380,361.05
96	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5751356	Gas Trans & Storage	30746118	LNG SUPPORT TRAILER	11/29/2010	5,641.46
97	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5751358	Gas Trans & Storage	30750763	AMBIENT REG TRAILER UPGRADE	07/15/2013	14,084.61
98	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5751394	Gas Trans & Storage	30789823	PORTABLE CNG 90 COMPRESSOR RE	1/1/2015	5,163.91
99	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5751460	Gas Trans & Storage	30831661	LNG TRAILER PURCHASE	07/19/2012	1,033.80
100	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5751478	Gas Trans & Storage	30840645	CNG-GAP TRAILER FABRICATION	03/15/2012	5,100.32
101	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5751789	Gas Trans & Storage	30959795	96PSIG REPLACEMENT LNG TRAILER	04/02/2015	12,001.71
102	4A	Hydrotest - LNG/CNG Cost	73D	LNG / CNG	Gas Trans & Storage	5757342	Gas Trans & Storage	31034859	CNG - FAB CNG AHX 225-226	08/01/2014	2,771.64
103	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5517379	GSM Pipeline Reliability/Safety - 75E	31039035	L-187 TEST MP 30.00 TO MP 35.45	03/16/2015	911.38
104	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5519561	Gas Trans & Storage	DFM-8805-03	MP 0.00-0.54 T-1067 CAPITAL	05/24/2016	153,529.39
105	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5520479	T-1111 CAPITAL	31211217	DFM 7200-01 MP 1.89-1.96 T-1111 CAPITAL	04/29/2016	417,193.09
106	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5524623	DFM-7219-01 T-173-12 CAPITAL MP 0.97-2.3	30933444	DFM-7219-01 T-173-12 CAPITAL MP 0.97-2.3	10/31/2012	2,243.00
107	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5524624	DFM-1816-05 T-174-12 CAP MP 0.00-0.80	30940456	DFM-1816-05 T-174-12 CAP MP 0.00-0.80	08/05/2013	1,422.14
108	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5524625	DFM-1004-01 TIM-265-13 MP 2.43-2.44 CAP	30968089	DFM-1004-01 TIM-265-13 MP 2.43-2.44 CAP	07/22/2013	5,614.74
109	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5524626	TIM-065-12, L-021C, TEST, PENNGROVE	30994767	TIM-065-12, L-021C, TEST, PENNGROVE	10/09/2013	291.38
110	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5750979	30949583 L-153 TIM-020-12 MP 25.11 TO MP	30949583	L-153 TIM-020-12 MP 25.11 TO MP 27.88	12/12/2012	16,233.11
111	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5751668	30919234 DREG5477 MP0 (L402 MP21.7) H	30919234	DREG5477 MP0 (L402 MP21.7) HOT TAP RPL	06/06/2012	6,768.41
112	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5751672	30921685 DFD53672_MPO.0000-0.3300..BOR	30921685	DFD53672_MPO.0000-0.3300..BORON REG PCF	02/25/2013	12,622.29
113	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5757297	31004824 PSRS 31120 - L1268_10.5_PIPE	31004824	PSRS 31120 - L1268_10.5_PIPE CUT OUT	12/16/2013	5,047.65
114	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5757334	31033828 L-7228-16_MP1.98_REMOVE_STUB63	31033828	RT-075 L7228-16_MP1.98_REMOVE_STUB6304_P	03/26/2014	2,776.75
115	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5757344	31036172 - 1202-01REMOV U_BDI202-01 2-2	31036172	GT 1202-01REMOV U_BDI202-01 2-INCH VAL	04/03/2014	4,478.99
116	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5757345	31036173 - STUB 8835 FRESNO BELTMAIN-REM	31036173	RT-078 STUB 8835 FRESNO BELTMAIN-REMOVAL	03/24/2014	2,103.68
117	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5758260	31061202 - 168-1-3_MPO-2.0343 (RT)	31061202	GT R-458 168-1-3_MPO-2.0343 (RT)	12/01/2014	12,862.45
118	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5759057	31013364-L302-154_MPO_MITIGATE_PRESSRED_	31013364	GT RT-096 L302-154_MPO_MITIGATE_PRESSRED	12/09/2014	890.51
119	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5759118	31069525-DFM 0621-01 PACIFIC COAST REG S	31069525	T-319-14, DFM-0621-01, TEST, WOODLAND	06/09/2014	13,127.95
120	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5760844	31080854-DFM0619-01 MPO.0038 TDW CUT OUT	31080854	GT DFM0619-01 MPO.0038 TDW CUT OUT	07/18/2014	16,908.30
121	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5760943	31082063-DREG4476 MPO.00 TDW CUT OUT	31082063	GT RT-105 TDW CUT OUT	10/17/2014	27,445.67
122	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5760945	31082065-DREG4478 MPO.00 TDW CUT OUT	31082065	GT RT-106 DREG4478 MPO.00 TDW CUT OUT	10/17/2014	31,866.98
123	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5761338	31095740-L-302-175 TEST MP 0 TO 0.05 CAP	31095740	GT L-302-175 TEST MP 0 TO 0.05 CAPITAL	11/17/2014	23,363.00
124	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5761339	31097676-L302-178 MP 0, TEST CAPITAL	31097676	GT TS-032-14, DREG4145, TEST, SAN JOSE	11/17/2014	12,201.62
125	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5762018	DFM 1815-02 TEST MP12.74 - 14.75 CAPITAL	31084732	T-2438-13, DFM-1815-02, TEST, MONTEREY	08/03/2015	652,643.69
126	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5763802	L-121 MP 0.00-6.99 T-1002 CAPITAL	31136754	L-121 MP 0.00-6.99 T-1002 CAPITAL	08/23/2016	1,890,623.30
127	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5763804	DREG5130/DF3430 MP 0.06-0.09 T-1085 CAP	31140545	T-1085 CAP DREG5130/DF3430 MP 0.06-0.09	04/21/2016	309,758.23
128	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5764268	L-105N MP 23.68-25.08 T-1012 CAPITAL	31149854	L-105N MP 23.68-25.08 T-1012 CAPITAL	05/25/2016	40,699.93
129	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5764342	119A MP 2.36 STUB REMOVAL -Mitigate CROP	31153105	R-601 L-119A MP 2.36 STUB REMOVAL - MITI	04/19/2016	264,430.27
130	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766399	DFM 0401-01 TEST MP 4.89- 4.925 CAPITAL	31097467	DFM 0401-01 TEST MP 4.89- 4.925 CAPITAL	12/04/2015	2,882,400.64
131	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766400	DFM 1816-01 TEST MP 12.78-16.30 CAPITAL	31097471	DFM 1816-01 TEST MP 12.78-16.30 CAPITAL	03/15/2016	1,350,945.11
132	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766401	L-118A MP 28.59-36.03 T-1031 CAPITAL	31101844	L-118A MP 28.59-36.03 T-1031 CAPITAL	06/01/2015	886,662.35
133	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766402	L-118A MP 54.75-58.215 T-1033 CAPITAL	31102699	L-118A MP 54.75-58.215 T-1033 CAPITAL	10/08/2015	1,008,998.04
134	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766403	L-118A-1 MP 0.21-0.54 T-1013 CAPITAL	31102947	L-118A-1 MP 0.21-0.54 T-1013 CAPITAL	11/18/2015	295,874.05
135	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766404	GT DFM-1601-09 MP 0.00-0.86 T-1058 CAPIT	31105666	GT DFM-1601-09 MP 0.00-0.86 T-1058 CAPIT	12/04/2014	16,797.97
136	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766405	DFM 1816-01 TEST MP 9.55 - 11.48 CAPITAL	31105668	DFM 1816-01 TEST MP 9.55 - 11.48 CAPITAL	10/07/2015	1,224,401.40
137	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766406	L-118A MP 17.74-17.75 T-1028 CAPITAL	31105932	L-118A MP 17.74-17.75 T-1028 CAPITAL	04/04/2016	470,372.02
138	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766407	L-118A MP 64.528-67.639 T-1036 CAPITAL	31115728	L-118A MP 64.528-67.639 T-1036 CAPITAL	03/30/2016	1,097,946.89
139	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766408	L-118A MP 72.514 T-1037 CAPITAL	31115729	L-118A MP 72.514 T-1037 CAPITAL	09/14/2016	179,783.47
140	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766409	DFM 1816-50 MP 1.05 T-1029 CAPITAL	31115956	DFM 1816-50 MP 1.05 T-1029 CAPITAL	10/07/2015	116,682.02
141	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766410	L-118A MP 78.01-83.43 T-1038 CAPITAL	31115751	L-118A MP 78.01-83.43 T-1038 CAPITAL	11/02/2015	833,983.40
142	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766411	DFM 0402-01 MP 4.9-5.055 T-1008 CAPITAL	31118401	DFM 0402-01 MP 4.9-5.055 T-1008 CAPITAL	03/08/2016	1,580,622.74
143	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766413	DFM 7222-01 MP 0.00-0.60 T-1079 CAPITAL	31210204	DFM 7222-01 MP 0.00-0.60 T-1079 CAPITAL	04/27/2015	251,473.51
144	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766414	L-300A MP 366.565-372.49 T-1022 CAPITAL	31212691	L-300A MP 366.565-372.49 T-1022 CAPITAL	10/06/2015	114,515.96
145	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766415	L-118A MP 37.725-43.64 T-1032 CAPITAL	31212371	L-118A MP 37.725-43.64 T-1032 CAPITAL	06/30/2015	757,582.53
146	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766416	DFM-1615-07 MP 0.00-0.25 T-1059 CAPITAL	31135218	DFM-1615-07 MP 0.00-0.25 T-1059 CAPITAL	08/04/2015	18,371.81
147	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766417	L-021D MP 21.88-24.60 T-1078 CAPITAL	31136755	L-021D MP 21.88-24.60 T-1078 CAPITAL	10/30/2015	29,881.75
148	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766451	L-118A MP 66.208-66.897 T-1036B CAPITAL	31185115	L-118A MP 66.208-66.897 T-1036B CAPITAL	04/29/2016	953,648.87
149	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766478	DCUST1423 MP 0.00-0.377 T-1068 CAPITAL	31137990	DCUST1423 MP 0.00-0.377 T-1068 CAPITAL	10/30/2015	60,146.23
150	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766479	T-1088 CAP DFM 0807-01 MP 0.46 (TS)	31140949	T-1088 CAP DFM 0807-01 MP 0.46 (TS)	07/21/2016	339,854.07
151	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5766980	DFM-0834-01 MP 3.57-3.96 T-1011 CAPITAL	31195842	DFM-0834-01 MP 3.57-3.96 T-1011 CAPITAL	04/14/2016	468,827.14
152	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5767275	L-402 MP 27.41-38.15 T-1108 CAPITAL	74002403	L-402 MP 27.41-38.15 T-1108 CAPITAL	08/01/2016	1,753,881.02
153	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5768192	L-402 MP 10.14-27.41 T-1003 CAPITAL	74002402	L-402 MP 10.14-27.41 T-1003 CAPITAL	08/03/2016	10,928,761.06
154	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5					

Amounts highlighted have been adjusted to tie to Program Cap. (Amounts in excess of CAP have been removed)

Attachment D (1)

Ln	Chapter	Program	MAT	MAT Description	Master Funding ID	Planning Order	Planning Order Description	Order	Order Description	Operative Date	Shareholder Funded
159	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5772600	75N Bucket	31157195	L-300B MP 354.017-354.087 T-1064 CAPITAL	10/19/2015	23,055.91
160	4A	Hydrostatic Testing	75N	Hydrostatic Testing	Gas Trans & Storage	5772600	75N Bucket	31159926	DREG4738 MP 0.035-0.705 T-1069 CAPITAL	08/25/2016	1,119.08
161	4A	Earthquake Fault Crossings	75L	Fault Crossings	Gas Trans & Storage	5529720	2402-01_MP 2.36-3.04 Hayward Fault	74017787	R-1167 DFM-2402-01 MP 2.5-2.544 HAYWARD	1/1/2015	1,328,492.61
162	4A	Earthquake Fault Crossings	75L	Fault Crossings	Gas Trans & Storage	5531362	-210C MP 22.15 GRN VLLY LAND	74020355	L-210C MP 22.15 GREEN VALLEY LAND	1/1/2015	27,076.20
163	4A	Earthquake Fault Crossings	75L	Fault Crossings	Gas Trans & Storage	5749559	30900655-L103 MP 9.5 SAN ANDREAS FAULT R	30900655	L103 MP 9.5 SAN ANDREAS FAULT REPLACE	04/16/2013	22,192.63
164	4A	Earthquake Fault Crossings	75L	Fault Crossings	Gas Trans & Storage	5750980	30974638-L310 FAULT CROSSING MITIGATION	30974638	L310 FAULT CROSSING MITIGATION	11/26/2013	5,435.31
165	4A	Earthquake Fault Crossings	75L	Fault Crossings	Gas Trans & Storage	5759801	L21A FAULT CROSSING MITIGATION	30977175	R-326 L21A FAULT CROSSING MITIGATION	08/14/2015	1,834,544.99
166	4A	Earthquake Fault Crossings	75L	Fault Crossings	Gas Trans & Storage	5761258	R-322, L-181B MP1.2 San Andreas Fault	30900656	L181B MP 1.2 SAN ANDREAS FAULT REPLACE	07/19/2013	2,864,272.64
167	4A	Earthquake Fault Crossings	75L	Fault Crossings	Gas Trans & Storage	5763744	RT-126 L-021E MP 137.36-137.36 REPL	31115929	R-508 L-021E MP137.36-137.38 REL 2567/B	03/28/2016	1,746,658.90
168	4A	Earthquake Fault Crossings	75L	Fault Crossings	Gas Trans & Storage	5763787	L-021A MP3.716 FAULT CROSSING MITIGATION	31095509	R-482 L-021A MP 17.16 NAPA EARTHQUAKE STI	09/30/2014	50,375.03
169	4A	Earthquake Fault Crossings	75L	Fault Crossings	Gas Trans & Storage	5763789	L-021B MP 3.88 FAULT CROSSING MITIGATION	31101296	R-483 L-021B MP 3.88 FAULT CROSSING MITI	11/14/2014	50,863.79
170	4A	Earthquake Fault Crossings	75L	Fault Crossings	Gas Trans & Storage	5768267	Fault Crossings Program Bucket	30716295	105 B MP 10.44 - 10.78 REPL FAULT XING	01/23/2014	29,991.12
171	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5501687	GSM Pipeline Reliability/Safety	30812823	L-3012-01 MP1.57 ANODE INSTALL/INS	1/1/2015	297.83
172	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5517500	L21H MP 10.44 North Slough Napa	76066666	L21H MP 10.44 North Slough Napa	06/08/2015	6,202.93
173	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5520519	Vintage Pipe	30987150	LLANO SECO - ABANDON SEPARATOR	12/23/2013	7,494.59
174	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5520519	Vintage Pipe	31029854	L-147 INSTALL PRESSURE REDUCTION SYSTE	02/04/2014	5,495.58
175	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5524107	R-309B L-107 MP32.37-33.55 LAND	74008981	R-309B L-107 MP32.37-33.55 LAND	1/1/2015	2,159,439.93
176	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5524279	L-107 M26.01-26.61 REPLACE LAND RIGHTS	6121424	L-107 M26.01-26.61 REPLACE Land Rights	1/1/2015	873,271.08
177	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5524273	DFM 1306-01 Land Order	31288941	DFM 1306-01 LAND ORDER	1/1/2015	27,203.50
178	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5524869	R-309A L-107 BALIP- Land Order	31290818	R-309A L-107 BALIP- LAND ORDER	1/1/2015	228,965.93
179	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5726803	L-164 AMADOR STATION- LEAK REPAIRS	30966192	2407 MP 0.00 REBUILD REG STA	04/07/2014	1,282.43
180	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5729480	30604310-L108 Repl 3.09mi Mp 40.27-43.5	30604310	R-009 108 MP 40.27-43.46 REPLACE	11/24/2015	16,394,619.94
181	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5736359	30628831-L131 MP42.35 Replace 1350 Ft 24	30628831	L131 MP42.35 REPLACE 1350 FT 24IN TOP100	10/04/2010	2,484.72
182	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5743256	30823822-L-150 IM MP 13.7-18.09 Deactiv	30823822	L-150 IM MP 13.7-18.09 DEACTIVATE	07/30/2012	91,720.22
183	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5748201	P-04291-L-108 Repl 7.55MI MP 37.14-43.50	30915268	R-050 L-108 0.30MI MP 38.17-39.44 REPL C	12/05/2012	10,305.27
184	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5748659	30879385-L-197A MP 39.57-39.97 Pipe Rep	30879385	L-197A MP 39.57-39.97 PIPE REPL	09/21/2012	16,273.49
185	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5748940	30933793-0817-01 MP 0.468 - 1.30 Replace	30933793	0817-01 MP 0.468 - 1.30 REPLACEMENT 4000	05/20/2013	12,415.55
186	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5750479	30931793A - 132 5F1 MP 43.63 - Min Hills	30931793		03/17/2015	3,970,611.86
187	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5751670	30920168 - DREG4119 MP 0.0 REPL 8-IN	30920168	DREG4119 MP 0.0 REPL 8-IN	05/02/2012	3,965.14
188	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5751710	30932717 - 0405-01 MP 11.91-900 EXTENSIO	30932717	GT R-387 DREG14523 MP 0 - 0.17 NEW 4" PI	06/23/2014	41,402.39
189	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5751781	30957584 - L-132B MP0.01 REMOVE 10 REG-	30957584	L-132B MP0.01 REMOVE 10" REG-MON MARTIN	02/03/2014	13,695.09
190	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5755658	30959337-L-021C REPL 0.89MI MP50.44-51.4	30959337	O21C REPL 0.89MI MP 50.44-51.40	02/03/2014	(755,965.25)
191	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5757343	31034994 - L-142N MP-13 LEAK IN 16 INCH	31034994	L-142N MP-13 LEAK IN 16 INCH CASING	03/10/2014	13,074.78
192	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5759101	31045235-172A MP 74.48 LEAK REPAIR- CAPI	31045235	172A MP 74.48 LEAK REPAIR- CAPITAL	01/16/2014	598.23
193	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5759107	31056628-132 MP 0.93-1.26 ZANKER RD PIPE	31056628	R-303 L-132 0.34 MI MP 0.93-1.87 VTA REP	01/03/2017	4,853,797.71
194	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5759546	50A_2 MP 17.08-18.41	31101064	R-503 L-50A MP 16.81-18.41 REPLCMNT 8"	06/29/2016	31,851,163.23
195	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5759548	50A_1 MP 11.03-11.9	31101067	R-502 L-50A MP 11.03-11.9 REPLACEMENT 8	04/12/2016	9,532,767.75
196	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5759549	L-100_1 MP 138.43-138.46	31101244	R-514 L-100 MP 138.43-138.46 REPLACEMENT	05/11/2017	4,904,301.21
197	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5759552	153_2 MP 7.34-9.18	74004053	R-501 153_2 MP 7.34-9.18	06/06/2017	3,846,744.15
198	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5759553	L-153_4 MP 5.32-5.46	74004044	R-504 L-153_4 MP 5.32-5.46	06/06/2017	3,167,573.74
199	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5759791	L-131 MP 46.34 - 50.57 RETIRE FREMONT	30604186	L-131 MP 46.34 - 50.57 RETIRE FREMONT	12/01/2015	5,816,991.65
200	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5759792	L-107 M26.01-26.61 REPLACE 3150FT - 36IN	30628834	R-305 L-107 0.6MI MP26.01-26.61 REPL	10/07/2014	1,814,808.69
201	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5759793	L-107 MP29.27-31.21NER FREMONT-IRVING	30959792	R-307 L-107 MP 29.27-31.21 REPL	11/28/2012	5,558,965.33
202	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5759796	L-132 MP41.83-42.95 REPLACE 3431-FT SFFO	30885310	L-132 MP41.83-42.95 REPLACE 3431-FT	10/14/2014	2,748,428.31
203	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5759797	REBUILD FOLEY'S RANCH CROSSOVER BALIP	30888883	R-304 L-131 0.0MI MP38.7-38.7 REBUILD	06/08/2015	3,411,146.02
204	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5759799	L-107 M31.22-33.20 RP2C 920 FT BALIP	30888836	R-309A L-107 1.15MI MP31.22-32.37 BALIP	05/11/2016	43,615,598.22
205	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5759800	L-153 REPL 0.12MI MP 3.45 - 3.57 REPLA	30959335	R-149 L-153 0.12 MI MP 3.45 - 3.57 REPLA	05/11/2017	13,404,761.00
206	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5759808	L-109 MP 46.00-48.21 REPLACE 26 INLINER	74000781	R-414 L-109 MP 46.00-48.21 REPLACE 26"	08/21/2017	18,028,752.38
207	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5763776	L-21E-2 MP 0.06 4inch DISTRIBUTION HDD	30990652	L-21E-2 MP 0.06 4" DISTRIBUTION HDD	12/30/2014	12,124.95
208	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5763929	Cap Purchased Pipe Stock Inspection	1009135	Cap Purchased Pipe Stock Inspection	1/1/2015	(868,838.11)
209	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5764400	L-132 MP41.83-42.95 REPL 3421 2015	31152671	L-132 MP41.83-42.95 REPL 3421 2015	07/28/2015	6,769,594.89
210	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5764948	L150_MP 16.56_17.48_Retirement	31160896	R-224 L150 RETIRE 16.6-17.5, L150&220 RE	11/04/2015	799,194.12
211	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5765078	1305-01_8.58_Replace 500 Feet	31162749	R-634 1305-01_8.58_REPLACE 500 FEET	11/03/2015	1,068,478.57
212	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5766166	R-008B L-108 MP 39.01-40.27	30712773	R-008B L-108 MP 38.17-40.27 REPLACE	11/23/2015	5,140,395.54
213	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5768712	L-131 0.25 MI 35.69 - 35.94 Replace	31216290	R-3508 L-131 0.25MI MP35.05-35.30 REPLAC	09/19/2016	2,198,748.87
214	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5770321	L-153 MP 25.96 -26.48	74005280	L-153 MP 25.96-26.48 REPL	10/27/2016	9,842,977.90
215	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5772922	L-107M13.08-15.70RETIRE 13835-24 TOP100	31185453	L-107M13.08-15.70RETIRE 13835-24 TOP100	12/10/2015	602,866.63
216	4A	Vintage Pipe Replacement	75E	Vintage Pipe Replacement	Gas Trans & Storage	5772938	30604187-L-132 MP 0.93-1.87 REPLACE	30604187	L-132 MP 1.26-1.87 REPLACE	11/16/2012	32,344.37
217	4A	Vintage Pipe Replacement	75P	UI Capital Repair (Non-BA)	Gas Trans & Storage	5525782	RT-889 L-21E MP 78.78 Cut-Out (ID-47-30)	31121486	RT-889 L-21E MP 78.78 CUT-OUT (ID-47-30)	11/1/2015	630,531.32
218	4A	Vintage Pipe Replacement	75P	UI Capital Repair (Non-BA)	Gas Trans & Storage	5525784	RT-845 L-21E MP 91.65 CUT OUT	74019466	RT-845 L-21E MP 91.65 CUT OUT	1/1/2015	269,298.05
219	4A	Vintage Pipe Replacement	75P	UI Capital Repair (Non-BA)	Gas Trans & Storage	5763746	RT-115L-21EMP73.59LI Dig#ReplacePipe	31101801	GT RT-115 L-21E MP 73.59 LI DIG #4 REPL	05/18/2015	989,165.91
220	4A	Vintage Pipe Replacement	75P	UI Capital Repair (Non-BA)	Gas Trans & Storage	5772818	RT-871 DFM-0613-01CUT OUT 3.85-4.20	31279255	RT-871 DFM-0613-01CUT OUT 3.85-4.20	03/03/2017	904,629.58
221	4A	Vintage Pipe Replacement	75P	UI Capital Repair (Non-BA)	Gas Trans & Storage	5773098	RT-869 L-002S MP 44.62 CORROSION CUT-OUT	31285168	RT-869 L-002S MP 44.80 CORROSION CUT-OUT	07/06/2017	484,899.55
222	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5516340	2015 SHORTS 75N CAPITAL	31115226	RT-128 DRIP7983 MP 0.0 U-1075	11/30/2016	637,149.95
223	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5519411	BD15184 & BD15185 REPLACEMENT	31188544	RT-664 L-021F 0.0259MI MP 10.836-10.841	01/20/2017	3,128,180.12
224	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5524857	30928886 GCUST5779 MP 0.00 TO 0.02 (REPLACEMENT)	30928886	GCUST5779 MP 0.00 TO 0.02 (REPLACEMENT)	01/2015	26,314.04
225	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5762512	31086062-SAN PABLO STATION IUI UPGRADE L	31086062	L-050A DFM 0126-01 IUI UPGD LNCHR SAN PA	12/01/2016	4,135,871.10
226	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5762859	L-314 MP 24.75-24.92 REPL 900FT ERW leak	31135037	RT-146 L-314 MP 24.75-24.92 REPLACE 10"	08/14/2015	683,522.63
227	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5763793	RT-141 X6460 MP 17.65-17.67 REPL	31130133	RT-141 X6460 MP 17.65-17.67 REPL	06/20/2017	890,736.79
228	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5765100	DFM 1816-02 MP 0.00-0.06 T-246	31165531	RT-626 DFM 1816-02 MP 0.00-0.06 REPL	04/25/2016	1,486,535.73
229	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5765208	1816-01 MP 1.89 A 181A MP 20.01 RPLMT	31166209	RT-644 1816-01 MP 1.19 TEST MEDIUM ISSUE	08/08/2017	2,466,885.86
230	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5766486	RT-118 L-105A MP 38.0-38.44 REPL	31115822	RT-118 L-105A MP 38.0-38.44 REPL	02/25/2016	1,415,134.23
231	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5766487	RT-120 DREG5146 MP 0.02 REPL	31115824	RT-120 DREG5146 MP 0.02 REPL	02/06/2017	228,735.75
232	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5766489	RT-121 STUB794				

Amounts highlighted have been adjusted to tie to Program Cap. (Amounts in excess of CAP have been removed)

Attachment D (1)

Ln	Chapter	Program	MAT	MAT Description	Master Funding ID	Planning Order	Planning Order Description	Order	Order Description	Operative Date	Shareholder Funded
238	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5768502	1220-01 MP 0.57-0.86 REPL	31121486	RT-727 DFM-1220-01 MP 0.57-0.86 REPLACE	11/07/2016	756,217.91
239	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5768503	GCUST5919 MP 0.117-0.158 REPL	31121487	RT-745 GCUST5919 MP 0.117-0.158 REPL	02/09/2017	631,737.16
240	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5769124	114 MP 34.06-34.07 REPL	31220791	RT-754 L-114 MP 34.06-34.07 REPLACE	07/27/2017	2,858,472.55
241	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5769180	San Lorenzo Station_Retire	31220786	RT-747 SAN LORENZO STATION RETIRE	08/03/2016	503,584.79
242	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5769799	RT-739 DFM-1521-01 MP 1.66 CAPITAL	31229755	RT-739 DFM-1521-01 MP 1.66 CAPITAL	06/20/2017	32,123.25
243	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5769800	RT-738 L-121 MP 10.533 CAPITAL	31229759	RT-738 L-121 MP 10.533 CAPITAL	11/30/2016	820,437.24
244	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5769874	DREG4185 MP 0.0009-0.0339 REPL	31230051	RT-796 DREG4185 MP 0.0009-0.0339 REPL	07/19/2017	1,626,604.76
245	4A	Vintage Pipe Replacement	75Q	Pipe Replacement (IM)	Gas Trans & Storage	5772638	RT-744 GCUST-5919 Replace	31276067	RT-744 GCUST5919 MP 0.00 REPL	06/20/2017	904,913.33
246	4A	Vintage Pipe Replacement	75S	Direct Assessment	Gas Trans & Storage	5775320	31070879-RT-090 DFM 1401-01 REPLACE DFM W/660 OF	31070879	RT-090 DFM 1401-01 REPLACE DFM W/660 OF	03/21/2016	5,454,227.91
247	4A	Vintage Pipe Replacement	75S	Direct Assessment	Gas Trans & Storage	5773300	EC16-300-4 Casing Remediation	74009282	DFM-0833-01 MP 5.4914-5.5600 CASING REM	05/15/2017	645,711.46
248	4A	Vintage Pipe Replacement	75S	Direct Assessment	Gas Trans & Storage	5773480	EC16-181 Casing Remediation	74009627	EC16-181 CASING REMEDIATION	05/15/2017	444,078.25
249	4A	Vintage Pipe Replacement	75S	Direct Assessment	Gas Trans & Storage	5774049	Expand storage-SystIntegrity drive	31303232	EXPAND STORAGE-SYSTINTEGRITY DRIVE	1/1/2015	15,237.16
250	4A	Geo-hazard Threat Identification	75J	Geo-Hazard Mitigations	Gas Trans & Storage	5528207	210C 22.26-22.39 Pipe Repl Land Acquire	74015821	210C 22.26-22.39 PIPE REPL LAND ACQUIRE	1/1/2015	10,866.25
251	4A	Geo-hazard Threat Identification	75J	Geo-Hazard Mitigations	Gas Trans & Storage	5751541	30861966 - 021E MP 129.7 LAND SLIDE MITI	30861966	021E MP 129.7 LAND SLIDE MITIGATION	01/05/2012	19,331.20
252	4A	Geo-hazard Threat Identification	75J	Geo-Hazard Mitigations	Gas Trans & Storage	5759795	021E MP 129.7 LAND SLIDE MITIGATION	30884606	021E MP 129.7 LAND SLIDE MITIGATION	08/30/2016	5,618,918.12
253	4A	Geo-hazard Threat Identification	75J	Geo-Hazard Mitigations	Gas Trans & Storage	5775419	210C_22.26-22.39_Pipe Replacement	74012243	210C 22.26-22.39 PIPE REPLACEMENT	11/14/2017	4,795,098.36
254	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5524145	V-239 Downing Land	31276922	V-239 DOWNING LAND	1/1/2015	25,000.00
255	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5524148	V-226 Schellville Land	31276924	V-226 SCHELLVILLE LAND	1/1/2015	96,621.84
256	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5524400	V-206 Old Stage Land	31286784	V-206 OLD STAGE LAND	1/1/2015	20,114.50
257	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5527286		31339886		1/1/2015	15,165.39
258	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5527288		31339889		1/1/2015	38,730.84
259	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5527290		31339894		1/1/2015	255,201.00
260	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5527520		31343770		1/1/2015	51,307.49
261	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754442	V-249 Valve Auto - L-124A, MP 16.39 LAND	31047491		10/19/2015	2,522,208.80
262	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754444	VALVE AUTO-BAKERSFIELD	31101198	V-240 L-142N MP 14.05 BAKERSFIELD REG ST	12/22/2016	2,946,999.82
263	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754450	VALVE AUTO-L021A, MP16.16	31016562		11/15/2017	5,616,959.97
264	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754451		31074596		06/02/2015	1,684,672.70
265	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754452	VALVE AUTO-L021E, MP108.06	31086859	V-236 VALVE AUTO - L021E MP 108.06 PH2	11/19/2015	1,562,404.49
266	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754453	VALVE AUTO-L021E, MP114.89	31086889	V-237 VALVE AUTO - L021E MP 114.89 PH2	12/04/2015	1,645,084.85
267	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754455	VALVE AUTO-L103, MP17.98 OLD STAGE	31074592		12/15/2016	3,809,182.82
268	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754457	VALVE AUTO-L105A, MP 44.54	31074589	VALVE AUTO - L105A MP 44.54 PH2	09/03/2015	766,140.45
269	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754518	VALVE AUTO-L105N, MP10.11 TIMBER	31074590	VALVE AUTO - L105N MP 10.11 TIMBER PH2	12/03/2015	1,196,109.19
270	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754519	VALVE AUTO-L116, MP9.60	31137423		09/20/2017	1,948,546.16
271	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754528	VALVE AUTO-L142N, MP6.19	31101197		11/29/2016	2,328,874.75
272	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754529	VALVE AUTO-L142S, MP4.30	31101195	V-238 L142S MP 4.30 PH2 KERN SC STATION	10/20/2016	1,575,648.91
273	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754530	VALVE AUTO-L153 MP22.71	31086691	VALVE AUTO - L153 MP 22.71 PH2	07/16/2015	1,193,792.22
274	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754544	VALVE AUTO-L402 MP14.76	74002523	V-215 L-402 MP 13.02 & L-402B MP 13.06	11/01/2016	2,465,855.14
275	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754545	VALVE AUTO-L402, MP20.72	74002524	V-216 L-402 MP21.71(REDDING METER & REG)	11/10/2017	2,396,920.55
276	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754546	VALVE AUTO-L402, MP27.98	74002525		01/12/2017	3,274,739.91
277	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754547	VALVE AUTO-L402, MP33.52	74002526		12/13/2016	1,198,294.78
278	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754548	VALVE AUTO-L402, MP39.96	74002522		10/04/2016	2,307,660.56
279	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754549	VALVE AUTO-LAGUNA DE SANTA ROSA	31074595	V-209 VALVE AUTO-MADRONE L-021D MP21.	06/29/2015	1,700,304.84
280	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754550	VALVE AUTO-LAS VINAS	31048332		10/20/2016	1,330,342.21
281	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754553	VALVE AUTO-NORTH SACRAMENTO HOLDER	31074597	V-211 L-1198 MP 0 NORTH SACRAMENTO HOLDR	10/31/2017	212,912.37
282	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754557	VALVE AUTO-SAN RAFAEL METER & REG	31137422	V-255A L-021B MP 20.90 SAN RAFAEL METER	07/19/2016	1,185,780.87
283	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754558	VALVE AUTO-SANTA RITA	31101199	VALVE AUTO - SANTA RITA PH2	12/14/2015	1,600,610.49
284	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754561	VALVE AUTO-THORNTON	31047725	V-203 L-153 MP 3.58 THORNTON	07/24/2017	1,639,839.05
285	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754562		31074594		02/03/2016	4,154,358.26
286	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5754563	VALVE AUTO-YUBA CITY HOLDER	31137069	V-251 L-124A MP 26.27 YUBA CITY UNDRGRND	08/01/2017	1,096,415.39
287	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5757565	30994159 - RIPON-MODESTO - GRD GRID & CR	30994159	RIPON-MODESTO - GRD GRID & CROSS TIE	04/17/2015	33,887.71
288	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5761758	V-226 L021A MP24.15 & L021B MP11.18 Sche	31082515	V-226 L-021A & L-021B SCHELLVILLE STA	11/17/2016	5,805,299.76
289	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5762788	Hermann Station V1.52 & V10 Automation	31134226	HERMANN STATION_V1.52 & V10 AUTOMATION	11/04/2015	791,561.21
290	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5765695	V-225 Valve Auto - L-118E MP 6.27	31137057		11/08/2017	1,315,073.58
291	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5765696		31137111		10/17/2016	3,492,918.76
292	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5765697	V-247 Valve Auto - L-124A MP 6.15	31137065		08/29/2017	1,370,639.12
293	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5766507	Valve Auto Monitor Valve Retrofit Heal	31187248	VALVE AUTO MONITOR VALVE RETROFIT HEALY	11/09/2017	1,801,814.33
294	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5766508	Valve Auto Monitor Valve Retrofit Milp	31187249	VALVE AUTO MONITOR VALVE RETROFIT MILPT	06/26/2017	1,282,667.73
295	4A	Valve Automation	75I	Valve Automation	Gas Trans & Storage	5767247	Banshee Meter Stn. Slam Shut Valve	31202235	V-457 SP3 MP 176.63 BANSHSEE SLAM SHUT	02/24/2016	170,540.36
296	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5507979	GAS VALVE/REG.STATION REP.MARIN SP.AUDIT	30956017	L-138A MP11.14 REPL V-A AND V-C	01/08/2013	212.55
297	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5507979	GAS VALVE/REG.STATION REP.MARIN SP.AUDIT	31000525	L-132 MP 10.41 REMOVE V-11 SIERRA VISTA	06/24/2014	549.81
298	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5507979	GAS VALVE/REG.STATION REP.MARIN SP.AUDIT	31081934	GT PSRS 34196 -DFM0606-02 MP1.89 DRIP LE	08/05/2014	5,971.69
299	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5512241	G Trans Reliability - Pipeline	30754673	L-131 MP 32.38 RECONFIGURE VALVE LOT	08/26/2013	56,163.54
300	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5517681	Crockett Station Valve N-23 REPL	31147210	CROCKETT STATION VLV N-23 REMOVAL GRD 2+	06/25/2015	231,180.83
301	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5748189	30883172-L400, Mp 269.48 Replace Mlv	30883172	400 MP 269.48 REPLACE MLV	04/16/2013	14,298.52
302	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5748766	30889963-1614-01 REPL V-007 & V-008	30889963	1614-01 REPL V-007 & V-008	01/28/2013	756.79
303	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5748939	30919862-L108 MP 38.17 MLV AND BRIDLE 5	30919862	L-108 MP 38.17 MLV AND BRIDLE SET	10/02/2012	18,904.98
304	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5750755	30814693-L-118, V-81.68 RELOCATE VAULT	30814693	L-118, V-81.68 RELOCATE VAULT LANDER AV	10/23/2012	1,933.40
305	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751297	30604312 - N SAC UNDRGRNDHOLDER REPL V-1	30604312	N SAC UNDRGRNDHOLDER REPL V-142&OPERATOR	12/19/2008	905.18
306	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751306	30625991 - MATHER DFM 0617-14 MP3.5 REPL	30625991	MATHER DFM 0617-14 MP3.5 REPL 4" BDBVALVE	12/04/2009	222.98
307	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751334	30708439 - L-21C-1 MP 36.26 REPLACE LEAK	30708439	L-21C-1 MP 36.26 REPLACE LEAKING	06/16/2009	5,736.74
308	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751335	30710069 - DREGS283 REPL GT FV V-3 GIBSO	30710069	DREGS283 REPL GT FV V-3 GIBSON CR101	02/16/2010	13,775.26
309	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751340	30723269 - L-021F V-B MP 18.80 REPLACE B	30723269	L-021F V-B MP 18.80 REPLACE BLOWOFF	1/1/2015	4,512.28
310	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751410	30811049 - DREG3867- L21F LEAK REPAIR ON	30811049	DREG3867- L21F LEAK REPAIR ON V 0.19	1/1/2015	16,941.55
311	4A	Inoperable and Hard to Operate Valves									

Amounts highlighted have been adjusted to tie to Program Cap. (Amounts in excess of CAP have been removed)

Attachment D (1)

Ln	Chapter	Program	MAT	MAT Description	Master Funding ID	Planning Order	Planning Order Description	Order	Order Description	Operative Date	Shareholder Funded
317	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751526	30852898 - L-105N T-10.55 RPLC 6-IN VALV	30852898	L-105N T-10.55 RPLC 6-IN VALVE E69	12/22/2011	1,218.25
318	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751527	30853441 - DREG4060 REPL GT FV V-C33 KIE	30853441	DREG4060 REPL GT FV V-C33 KIEFER-S WATT	07/24/2012	16,422.26
319	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751531	30854631 - 0611-09 MP 10.86 REPL GT V C-	30854631	0611-09 MP 10.86 REPL GT V C-30	10/11/2011	3,087.50
320	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751561	30884369 - 105N MP 30.72 REPLACE VALVE X	30884369	105N MP 30.72 REPLACE VALVE X-16	02/09/2012	1,262.45
321	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751568	30886067 - 2408-01 MP 5.39 REPLACE 6-IN	30886067	2408-01 MP 5.39 REPLACE 6-IN VALVE D-26	03/01/2012	985.00
322	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751571	30888647 - L-119A MP 16.44 LEAK REPL 12I	30888647	L-119A MP 16.44 LEAK REPL 12IN V-95	10/29/2012	9,673.72
323	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751579	30892904 - L-177A-3 MP27.6-28.32 DEACTIV	30892904	L-177A-3 MP27.6-28.32 DEACTIVATION	01/20/15	4,937.75
324	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751584	30895481 - L-132 MP 15.71 REPL TAP VALVE	30895481	L-132 MP 15.71 REPL TAP VALVE PAM#3	12/17/2013	294.10
325	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751626	30905920 - L-197A MP 27.1 REPALCE MLV LO	30905920	L-197A MP 27.1 REPALCE MLV LOT	02/04/2014	11,329.65
326	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751665	30918868 - X6385 REPL 4-INLET V12 SIERR	30918868	X6385 REPL 4" INLET V12 SIERRA VISTA	11/29/2012	9,063.48
327	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751688	30925645 - DREG4245 V-315 VALVE REPLACE	30925645	DREG4245 V-315 VALVE REPLACE	04/19/2014	690.28
328	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751696	30928299 - L153 M-22.71 REPLACE MLV	30928299	L153 M-22.71 REPLACE MLV	12/05/2012	10,753.72
329	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751717	30933794 - L-101 MP12.06 V-2 LEAK REPLAC	30933794	L-101 MP12.06 V-2 LEAK REPLACEMENT	10/01/2012	35.61
330	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751769	30953198 - 0604-04 MP3.13 REPLACE VV-45	30953198	R-245 DFM-0604-04 MP 3.13 REPL VV-45	05/16/2013	3,609.15
331	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751787	30959339 - L-300A MP 467.25 6" V-12 REPL	30959339	L-300A MP 467.25 6" V-12 REPLACEMENT	01/14/2014	1,019.00
332	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751799	30962225 - L-177A MP 37.00 MLV REPLACEMENT	30962225	L-177A MP 37.00 MLV REPLACEMENT	05/07/2015	302,036.65
333	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751860	30976854 - L-21E MP55.34 V4, VS VALVE RE	30976854	L-21E MP55.34 V4, VS VALVE REPLACEMENT	10/17/2013	16,187.77
334	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5751880	30979755 - DFM-0813-13 MP3.5 RAJKOVICH V	30979755	DFM-0813-13 MP3.5 RAJKOVICH V76-H1C LEAK	09/10/2013	4,564.44
335	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5757248	30952711 - L-109 MP 33.25 REPL TAP VLVE	30952711	L-109 MP 33.25 REPL TAP VLVE SUMMIT	12/24/2012	400.96
336	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5757263	30982018 - DFM-1405-01 TAP V-3630 LEAK R	30982018	DFM-1405-01 TAP V-3630 LEAK REPAIR	05/09/2013	7,831.18
337	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5757264	30982713 - 7228-01 MP 2.80 REMOVE AND RE	30982713	7228-01 MP 2.80 REMOVE AND REPLACE VALVE	04/04/2013	1,104.62
338	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5757266	30983241 - RIDGECREST TRS & DREG 5496-RP	30983241	RIDGECREST TRS & DREG 5496-RPLC OF VLVS	10/03/2014	11,498.75
339	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5757286	30994684 - L1614-09 MP0.31 REPLACE V-1 F	30994684	L1614-09 MP0.31 REPLACE V-1 FIRE VALVE	01/14/2014	394.11
340	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5757296	31004822 - 0409-01_0.04_REPLACE VT-39 GR1	31004822	0409-01_0.04_REPLACE VT-39 GR1 LEAK	12/11/2013	1,854.84
341	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5757304	31012868 - NSUGH REMOVE LEAKING V-136R	31012868	NSUGH REMOVE LEAKING V-136R	04/07/2014	539.12
342	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5757310	31015147 - DFO53596 V-235 & 0206-01 V-23	31015147	DFO53596 V-235 & 0206-01 V-236 REPLACE	02/04/2014	1,610.49
343	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5757323	31021267 - 2002-01 MP 2.9 VLV REPLACEMENT	31021267	2002-01 MP 2.9 VLV REPLACEMENT	03/26/2014	786.50
344	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5757329	31029845 - 0619-05 V-7 LEAK REPAIR	31029845	0619-05 V-7 LEAK REPAIR	01/07/2015	6,778.87
345	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5757331	31033196 - 1302-02_7.81_REMOVE LEAKING 4	31033196	1302-02_7.81_REMOVE LEAKING 4INCH VALVE	12/19/2013	778.68
346	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5757332	31033343 - L7228-16_MP2.174_REMOVE_2IN_B	31033343	RT-074 L7228-16_MP2.174_REMOVE_2IN_BLOWD	02/04/2014	1,722.05
347	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5757338	31034594 - L-301F MP 3.37 VALVE SET REPLAC	31034594	L-301F MP 3.37 VALVE SET REPLACEMENT	02/25/2014	18,480.27
348	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5757340	31034850 - 0107-01 RPLC 6-IN VALVE B17	31034850	RT-077 0107-01 RPLC 6-IN VALVE B17	02/04/2014	1,116.47
349	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5757357	31040859 - GT V-158 VALVE REPL - DFM-7228-16	31040859	GT V-158 VALVE REPL - DFM-7228-16 MP 0.9	01/20/2015	(60,027.82)
350	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5757369	31055192 - 7217-01 MP 1.97 REPLACE VALVES	31055192	7217-01 MP 1.97 REPLACE VALVES	09/03/2014	1,799.97
351	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5758250	31060776 - INSTALL FIRE VALVE, K-20 HURO	31060776	1213-01 MP 3.37 REPLC FIRE VALVE	10/27/2014	6,391.87
352	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5758257	31061065 - DFM 8807-01 MP 7.29 V-11-G8A	31061065	V-161 VALVE REPL - DFM-8807-01 MP 7.29 V	06/23/2015	934,813.78
353	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5758259	31061200 - L210A MP 18.56 CROSS-TIE V-3	31061200	L210A MP 18.56 CROSS TIE V-3 REPLACEMENT	08/18/2014	4,694.39
354	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759049	31073809-DFM 0211-01 MP 0.67 V-301 Leak	31073809	V-184 VALVE REPL - DFM-2011-01 MP 0.67 V	09/09/2014	7,127.84
355	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759079	31077535-2403-02 RPLC 6-IN VALVE E47	31077535	GT V-185 2403-02 RPLC 6-IN VALVE E47	03/18/2015	517,015.16
356	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759098	31017173-REPLACE FIREVALVE V-98 - INLET	31017173	GT 0405-02 MP1.98 REPLACE V-98 INLET	12/30/2014	54,392.98
357	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759102	31051389-X6452 - EMERGENT 2 BOV A REPLAC	31051389	X6452 - EMERGENT 2" BOV "A" REPLACEMENT	03/25/2014	1,129.10
358	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759103	31054017 -1816-01 MP 18.52 B31-1 INOP INL	31054017	V-183 VALVE REPL - DFM-1816-01 MP 18.52	07/07/2014	1,241.26
359	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759115	31065648-2408-17 RPLC 4-IN VALVE D69	31065648	GT 0108-17 RPLC 4-IN VALVE D69	07/07/2014	740.81
360	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759318		31091521		12/24/2014	1,032.65
361	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759584	182 MP 9.94 Rplc V-A & V-B	31099738	V-274 L182 MP 9.94 REPLACE V-A & V-B	05/18/2015	74,215.57
362	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759592	L-300B MP 131.37	31099796	300B MP 131.37 V-18 IN OP	02/11/2015	315,477.88
363	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759593	187 MP 4.31 INOP MAINLINE VALVE SET	31097415	187 MP 4.31 INOP MAINLINE VALVE SET	04/08/2015	757,630.09
364	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759594	DREG4181 MP 0.42 INOP V-14-C6B REPLMT	31099797	V-275 DREG4181 MP 0.42 INOP V-14-C6B RPL	02/18/2015	228,828.39
365	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759595	GCUST5815 V-3 REPLACE	31088896	GCUST5815 V-3 REPLACE	04/22/2015	396,883.23
366	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759597	InOp Valve - DFM 0601-01 MP 1.71 VV53	31099944	V-283 VALVE REPL - INOP VALVE - DFM 0601	07/08/2015	253,847.40
367	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759599	InOp Valve - L159 MP 3.91 (PCreek) V-2	31099945	INOP VALVE - L159 MP 3.91 (PCREEK) V-2	03/12/2015	810,317.66
368	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759605	L-1217-01 MP3.27 Replace Valve Z-06	31100139	L-1217-01 MP3.27 REPLACE VALVE Z-06	05/12/2015	288,241.39
369	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759606	L177a_MP43.87_Replace BOV A&B	31100201	v177a_MP43.87_REPLACE BOV A&B	06/02/2015	970,506.72
370	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759608	V-279 valve replacement (DREG3773)	31100203	GT V-279 VALVE REPLACEMENT (DREG3773)	03/09/2015	241,923.93
371	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759775	1378 MP 7.35 INSTALL FIRE VALVE	30921691	GT 1378 MP 7.35 INSTALL FIRE VALVE	10/06/2014	128,649.85
372	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759777	L-400 MP 204.01 V-1 REPLACEMENT	30993352	L-400 MP 204.01 V-1 REPLACEMENT	06/23/2015	691,863.62
373	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759780	1307-01 MP1.64 VALVE REPLACEMENT DR122	31017174	1307-01 MP1.64 VALVE REPLACEMENT DR122	06/22/2015	5,861.65
374	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5759786	L118A_MP81.67_REPLACE_INOP_VALVES_V1_V2	31070951	L118A_MP81.67_REPLACE_INOP_VALVES_V1_V2	06/22/2015	2,280,924.82
375	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5760938	31085620-DFM 0214-01 MP 1.03 REPLACE V-4	31085620	GT V-154 VALVE REPL - DFM 0214-01 MP 1.0	02/12/2015	445,965.26
376	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5760939	31085622-7218-01_MP0.93_REMOVE_V-0-93	31085622	GT 7218-01_MP0.93_REMOVE_V-0-93	11/05/2014	(3,273.14)
377	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5760942	31097407- INOP VALVE - L220 MP 34.11 V-1	31097407	GT RT-117 INOP VALVE - L220 MP 34.11 V-1	03/11/2015	384,129.25
378	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5761942	31111882-INOP VALVE - L220 MP 12.18 V-1 R	31111882	V-266 INOP VALVE - L220 MP 12.18 V-1 R	04/14/2015	256,699.99
379	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5762160	37102-DFM 0619-01 MP 0.00 V-2 GR2+ Leak	31122679	GT DFM 0619-01 MP 0.00 V-2 GR2+ LEAK REP	03/09/2015	137,904.10
380	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5762303	37012-InOp Valve, L-130 V-D-3" Replaceme	31128270	INOP VALVE, L-130 V-D-3" REPLACEMENT	06/23/2015	308,871.91
381	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5762560	0821-02 MP 2.35 InOp Valve V13-G8E Tully	31133506	0821-02 MP 2.35 INOP VALVE V13-G8E TULLY	07/31/2015	252,366.56
382	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5762563		31133516		07/13/2015	83,247.87
383	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5762858	DREG5300_01_0_000471 Replace Leaking	31134968	R-564 DREG5300_0_000471 REPLACE LEAKING	07/15/2015	743,341.11
384	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5763761	L-123_8_00_V-1 Replace	31143521	L-123_8_00_V-1 REPLACE	06/22/2015	264,170.11
385	4A	Inoperable and Hard to Operate Valves	75D	Valve Program	Gas Trans & Storage	5764720	DREG5282 REPL GT FV V-5 GIBSON EAST	30813738	DREG5282 REPL GT FV V-5 GIBSON EAST	1/1/2015	0.24
386		Inoperable/Hard-to-Operate Valves									(1,147,404.00)
387	4B	Class Location Program	75H	Pipe Replacement Class Locn	Gas Trans & Storage	5525641	L-401 0.9 MI MP327.53 Land Acquisition	31311301	R-705 L-401 0.9 MI MP327.53 LAND ACQUISI	1/1/2015	217,830.33
388	4B	Class Location Program	75H	Pipe Replacement Class Locn	Gas Trans & Storage	5735297	30712214-L-107 Livermore Junction Instal	30712214	L-107 LIVERMORE JUNCTION INSTALL MONITOR	04/29/2011	12,663.38
389	4B	Class Location Program	75H	P							

Amounts highlighted have been adjusted to tie to Program Cap. (Amounts in excess of CAP have been removed)

Attachment D (1)

Ln	Chapter	Program	MAT	MAT Description	Master Funding ID	Planning Order	Planning Order Description	Order	Order Description	Operative Date	Shareholder Funded
395	4B	Water and Levee Crossing Program	75K	Water and Levee Crossings	Gas Trans & Storage	5523740	Equipment for Bathymetric Survey	31276106 EQUIPMENT FOR BATHYMETRIC SURVEY		1/1/2015	584,823.38
396	4B	Water and Levee Crossing Program	75K	Water and Levee Crossings	Gas Trans & Storage	5753101	L195A-3 MPO.17-0.32 RMV SAC RVR -	31006760 R-610 L195A-3 MPO.17-0.32 RETIRE SAC RIV		08/14/2017	1,059,041.29
397	4B	Water and Levee Crossing Program	75K	Water and Levee Crossings	Gas Trans & Storage	5759810	L-400/401 MP 246 CACHE CREEK RELO	30798747 R-405 L-400 MP246 CACHE CREEK RELOCATION		10/14/2015	8,007,178.89
398	4B	Water and Levee Crossing Program	75K	Water and Levee Crossings	Gas Trans & Storage	5759811	L-114MP 7.32 RETIRESANJOQUIN RIVER XING	30822663 R-306 L-114MP 7.32 RETIRESANJOQUIN RIVE		04/10/2014	4,374,103.48
399	4B	Water and Levee Crossing Program	75K	Water and Levee Crossings	Gas Trans & Storage	5764276	L-401 MP 246S.00 Cache Creek Relocation	31144099 R-585 L-401 MP246 CACHE CREEK RELOCATION		10/19/2015	7,297,516.41
400	4B	Water and Levee Crossing Program	75K	Water and Levee Crossings	Gas Trans & Storage	5765349	L119A_MP 8.20-8.45_Pipe Replacement	31169472 RT-635 L119A_MP 8.20-8.45_PIPE REPLACEMENT		06/20/2017	648,409.96
401	4B	Water and Levee Crossing Program	75K	Water and Levee Crossings	Gas Trans & Storage	5765398	30984579	31172364 L-114 SPAN REMOVAL WITHIN CCWD CANAL		12/05/2016	169,434.09
402	4B	Water and Levee Crossing Program	75K	Water and Levee Crossings	Gas Trans & Storage	5769526	Holding PO for SPSI converted orders 75K	30882090 L-3008, MP 0.0-0.1 RPLC PIPE ON BRIDGE		1/1/2015	(484,938.04)
403	4B	Shallow Pipe Program	75M	Shallow Pipe	Gas Trans & Storage	5517457	Install SCADA Watsonville Crosstie Sta	70606518 Install SCADA Watsonville Crosstie Sta		05/08/2015	2.48
437	4B	Shallow Pipe Program	75M	Shallow Pipe	Gas Trans & Storage	5524299	R-498 L-103 LAND	31281463 R-498 L-103 LAND		1/1/2015	150,490.70
405	4B	Shallow Pipe Program	75M	Shallow Pipe	Gas Trans & Storage	5751737	30941811 - L-118A MP 78.57 REDUCED COVER	30941811 L-118A MP 78.57 REDUCED COVER		10/10/2012	7,204.15
406	4B	Shallow Pipe Program	75M	Shallow Pipe	Gas Trans & Storage	5751753	30948584 - L-1816-01 MP17.83 POTHOLE/POS	74012830 R-321 1816-01 0.05MI MP17.78 17.83CONV		11/16/2018	2,826,871.22
407	4B	Shallow Pipe Program	75M	Shallow Pipe	Gas Trans & Storage	5759805	L134A_MP32.6_Replace_Aln_HDD	31020334 R-500 L-134A 0.05MI MP 32.66-32.71 RELO		10/02/2015	1,222,089.19
408	4B	Shallow Pipe Program	75M	Shallow Pipe	Gas Trans & Storage	5759806	L-103 REPL 1.27MI MP 17.99-19.26	31044010 R-498 L-103 1.27MI MP 17.99-19.26 REPLAC		08/29/2016	4,185,629.33
409	4B	Shallow Pipe Program	75M	Shallow Pipe	Gas Trans & Storage	5763742	L-191-1 Lowering Main Site 1 & 8	31143751 R-576 L-191-1 LOWERING MAIN		09/30/2015	798,803.95
410	4B	Shallow Pipe Program	75M	Shallow Pipe	Gas Trans & Storage	5763771	L21E MP 137.0 Haehi Crk Willits ERCON	70606567 L21E MP 137.0 Haehi Crk Willits ERCON		06/09/2015	4,529.76
411	4B	Shallow Pipe Program	75M	Shallow Pipe	Gas Trans & Storage	5763779	DFM-1817-01 REPL 2.46MI MP 0.00-3.21	74001622 R-208 DFM-1817-01 0.77MI MP 0.00-0.77 RE		11/01/2018	303,597.80
412	4B	Shallow Pipe Program	75M	Shallow Pipe	Gas Trans & Storage	5765549	301A MP 16.5-17.1 Shallow Pipe	74004059 L-301A MP 16.5 - 17.1 SHALLOW PIPE		10/02/2017	4,181,298.35
413	4B	Shallow Pipe Program	75M	Shallow Pipe	Gas Trans & Storage	5766502	191-1 MP XX LOWERING MAIN (CAPITAL)	31175104 R-650 L-191-1 LOWERING MAIN SITE 8		07/28/2016	985,065.43
414	4B	Shallow Pipe Program	75M	Shallow Pipe	Gas Trans & Storage	5770244	L137C_8.30_/_Relocate Pipe	31237074 RT-823 L137C_8.30_RELOCATE PIPE		04/26/2018	2,238,477.60
415	4B	Shallow Pipe Program	75T	Exposed Pipe	Gas Trans & Storage	5743039	30603846-L-132 MP18.1 San Francisco Crk	30603846 L-132 MP18.1 SAN FRANCISCO CRK RECOAT		05/21/2012	4,173.08
416	4B	Shallow Pipe Program	75T	Exposed Pipe	Gas Trans & Storage	5751413	30815786 - L-300B, MP 500.46, DIVERT WAT	74005083 R-826 L-300B MP 500.46 EXPOSED PIPE PENI		09/29/2017	2,917,520.54
417	4B	Shallow Pipe Program	75T	Exposed Pipe	Gas Trans & Storage	5751560	30883440 - L-1248 MP-8.11 EXPOSED 8" PIPE	30883440 L-1248 MP-8.11 EXPOSED 8" PIPE		08/21/2013	0.83
418	4B	Shallow Pipe Program	75T	Exposed Pipe	Gas Trans & Storage	5751639	30909583 - L-400 MP230.95 EXPOSED PIPE P	30909583 R-407 L-400 0.023MI MP 230.95 RELOCATE		09/20/2017	3,313,684.73
419	4B	Shallow Pipe Program	75T	Exposed Pipe	Gas Trans & Storage	5751841	30974250 - DFM 1306-01 MP3.56 EROSION MI	30974250 DFM 1306-01 MP3.56 HDD LEVERONI RD BRIDG		09/20/2016	1,775,950.29
420	4B	Shallow Pipe Program	75T	Exposed Pipe	Gas Trans & Storage	5759804	191-1 MP XX LOWERING MAIN (CAPITAL)	31024778 191-1 MP XX LOWERING MAIN (CAPITAL)		07/28/2015	1,849,695.58
421	4B	Shallow Pipe Program	75T	Exposed Pipe	Gas Trans & Storage	5760946	31025517-191A MP-2.27 RPLC 75 FT OF 6-IN	31025517 191A MP-2.27 RPLC 75 FT OF 6-IN		04/02/2015	28,350.67
422	4B	Shallow Pipe Program	75T	Exposed Pipe	Gas Trans & Storage	5765607	L172A MP53.14 Exposed Pipe	74000260 R-691 L-172A MP 53.14 EXPOSED PIPE		03/23/2017	1,200,855.81
423	4B	Shallow Pipe Program	75T	Exposed Pipe	Gas Trans & Storage	5772571	0111-08 retire 450-ft of 4-in DFM	74008483 R-923 DFM-0111-08 MP 0.26-0.33 RETIRE		09/25/2018	671,885.23
424	4B	Shallow Pipe Program	75T	Exposed Pipe	Gas Trans & Storage	5776158	300A_MP260.02_MP270.74_Stub Removal	74013103 300A_MP260.02_MP270.74 T-1385CAP STUB		12/19/2017	179,855.20
425	6	Gas Transmission SCADA Visibility	76M	GT SCADA Visibility	Gas Trans & Storage	5723013	P.01772-SYSTEM-WIDE SCADA RTU REPLACEMENT	30603565 REPLACE SCADA RTU'S IN MOUNT OSO AREA		01/07/2008	5,671.50
426	6	Gas Transmission SCADA Visibility	76M	GT SCADA Visibility	Gas Trans & Storage	5769510	Weber Station Install SCADA Equip	74004231 WEBER STATION_INSTALL SCADA EQUIP.		11/11/2016	6,020.37
427	6	Gas Transmission SCADA Visibility	76M	GT SCADA Visibility	Gas Trans & Storage	5772183	5th&Pomona_ORB-51_SCADA_Senseline	31270848 5TH&POMONA_ORB-51_SCADA_SENSELINE		1/1/2015	71,270.53
428	6	Gas Transmission SCADA Visibility	76M	GT SCADA Visibility	Gas Trans & Storage	5772681	SCADA Pressure Transmitters - MOJAVE	74008420 SCADA PRESSURE TRANSMITTERS- MOJAVE		10/30/2017	302,281.79
429	6	Gas Transmission SCADA Visibility	76M	GT SCADA Visibility	Gas Trans & Storage	5781678	Newman GT SCADA Visibility	74020341 NEWMAN GT SCADA VISIBILITY		12/20/2018	161,803.27
430	6	Gas Transmission SCADA Visibility	76M	GT SCADA Visibility	Gas Trans & Storage	5781686	Patterson GT SCADA Visibility	74020349 PATTERSON GT SCADA VISIBILITY		12/20/2018	146,797.44
431	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5501688	GSM Reg Stations	30603680 L-300 HELM TAP STATION-UPGRADE		10/18/2011	18,958.22
432	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5501688	GSM Reg Stations	30604277 REPLACE REGS TOMPKINS HILL STATION -		09/17/2009	1,369.23
433	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5501688	GSM Reg Stations	30918707 DR5 B-06 REPL 4" REGS FLORIN-MUNSON		10/07/2013	6,708.65
434	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5501688	GSM Reg Stations	30927064 L-164 AMADOR STATION- LEAK REPAIRS		11/08/2012	17,033.09
435	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5512182	GT Station Other	7079866 Gas Data Historian		07/08/2015	2.82
436	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5516040	31076516-IRVINGTON BATTERY BANK REPLACEMENT	31076516 IRVINGTON BATTERY BANK REPLACEMENT		05/21/2015	58,379.79
437	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5517217	CONCORD METER STATION REGS EZR CONVERSI	31092880 CONCORD METER STATION REGS EZR CONVERSI		03/28/2015	50,039.19
438	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5517272	CONCORD METER STATION REGS EZR CONVERSI	31132099 CONCORD METER STATION REGS EZR CONVERSI		09/16/2015	213,480.47
439	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5521718	Station Valves & Actuator M&C LTRAN	30609906 [REDACTED]		07/13/2015	351,773.20
440	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5522002	GT Station Other	30878686 IRVINGTON VS REPLACEMENT		09/04/2013	12,619.89
441	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5522002	GT Station Other	31010885 NAPA Y-10 ACTUATOR REPLACEMENT		04/04/2014	3,440.79
442	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5722957	7055443-Replace Valveletyck Replace Valves	30604053 GT INDIAN SPRINGS STATION UPGRADE		03/31/2015	(181,196.12)
443	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5731078	P.02975-Lm Gas Dehy System Replacement	30603860 LMS - DEHYDRATION UPGRADE		10/31/2008	41.79
444	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5740994	30804866-CREED- CONTROLS & METERING UPGR	30804866 CREED- CONTROLS & METERING UPGRADE		12/26/2012	34,926.00
445	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5741099	30750581-Hershey Junction Plc & Reg Repl	30750581 HERSHEY JUNCTION PLC & REG REPLACEMENT		11/15/2012	13,234.69
446	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5742284	30677906-System-wide Datel Replacement	30677906 SYSTEM-WIDE DATEL REPLACEMENT		03/26/2014	162,107.52
447	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5743040	30676555-L-105N MP-22.86 INSTALL ENRICO	30676555 L-105N MP-22.86 INSTALL ENRICO STATION		10/04/2012	11,981.39
448	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5745419	30866383-Krgt - Install Odorizer	30866383 KRGT - INSTALL ODORIZER		05/30/2012	8,026.71
449	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5746604	30888835-SAN PABLO STATION UPGRADE BALIP	30888835 SAN PABLO STATION UPGRADE BALIP		11/06/2013	17,116.83
450	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5748186	30841066-bakersfield Tap-replace Separato	30841066 BAKERSFIELD TAP-REPLACE SEPARATOR-METER		08/17/2016	4,091,877.33
451	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5748194	30903548-Hollister-replace monitor Actua	30903548 GT HOLLISTER-REPLACE MONITOR ACTUATORS		10/28/2014	89,563.96
452	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5748196	30903739-irvington-replace Actuators On	30903739 IRVINGTON-REPLACE ACTUATORS ON MONITORS		08/14/2015	2,015,191.98
453	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5748205	30916908-PLS-1 NEW SULFUR ANALYZER	30916908 GT PLS-1 NEW SULFUR ANALYZER		07/23/2014	72,152.38
454	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5749938	30726109-BRENTWOOD ROUTING VALVE ACTUATOR	30726109 BRENTWOOD ROUTING VALVE ACTUATOR REPLACEMENT		05/28/2014	58,187.43
455	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5750641	30660992-Trona Tap Y-180.11b Ledeen Actu	30660992 TRONA TAP Y-180.11B LEDEEN ACTUAL REPL		04/21/2015	1,690,518.66
456	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5750984	30632740-PL54 Replace Relief Valve Syste	30632740 PL54 REPLACE RELIEF VALVE SYSTEM		12/12/2014	667,279.24
457	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5751275	30603861- PANOCHE REPL. TRIMMER VALVES	30603861 PANOCHE REPL. TRIMMER VALVES		11/26/2014	30,785.48
458	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5751316	[REDACTED]	30666795 [REDACTED]		11/05/2009	540.16
459	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5751323	30676544 - PLS-3, REPLACE INSERTION TURB	30676544 PLS-3, REPLACE INSERTION TURBINE METERS		10/10/2011	15,166.53
460	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5751354	30741700 - L-153 V-18.00 REPLACE LEAKING	30741700 L-153 V-18.00 REPLACE LEAKING ACTUATOR		1/1/2015	12,818.52
461	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5751355	30741950 - REPLACE CRACKED PILOTS ROB ROY	30741950 GT REPLACE CRACKED PILOTS ROB ROY STN		09/01/2010	1,518.96
462	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5751359	30750766 - DFM 1601-01 REPL REGS MACARTH	30750766 GT DFM 1601-01 REPL REGS MACARTHUR STA C		04/22/2013	4,623.53
463	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5751365	30759607 - AMR DATA TO SCADA - SHELL (A3	30759607 GT AMR DATA TO SCADA - SHELL (A356) - #2		1/1/2015	2,322.40
464	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5751443	30824106 - ROB ROY STATION, REPLACE VS	30824106 ROB ROY STATION, REPLACE VS		1/1/2015	8,055.27
465	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5751449	[REDACTED]	30826790 [REDACTED			

Amounts highlighted have been adjusted to tie to Program Cap. (Amounts in excess of CAP have been removed)

Attachment D (1)

Ln	Chapter	Program	MAT	MAT Description	Master Funding ID	Planning Order	Planning Order Description	Order	Order Description	Operative Date	Shareholder Funded
474	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5751608	30903153 - PLS7 MONITOR VALVES REPLACE A	30903153	PLS7 MONITOR VALVES REPLACE ACTUATORS	01/06/2016	3,150,028.29
475	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5751609	30903155 - PANOCHÉ - INSTALL MONITOR V-1	30903155	PANOCHÉ - INSTALL MONITOR V-13	12/04/2014	(99,152.04)
476	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5751815	CONCORD MTR STA NEW LIDS	30966197	CONCORD MTR STA NEW LIDS	07/18/2013	6,040.91
477	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5751864	FELL REG STATION OPP INSTANTION	30976991	FELL REG STATION OPP INSTALLATION	07/30/2015	4,408,350.72
478	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5757282	30990361 - KERN RIVER REPLACE ACTUATOR V	30990361	KERN RIVER REPLACE ACTUATOR V-6R	07/08/2015	44,860.20
479	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5757319	31017635 - CREED INSTALL OPP FOR M-2	31017635	CREED INSTALL OPP FOR M-2	11/19/2015	1,055,944.74
480	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5757560	30850648 - YUBA CITY HOLDER UPGRADE - 20	30850648	YUBA CITY HOLDER	1/1/2015	521,202.46
481	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5757562	31062960 - STATION-ROB ROY CONTROL UPGR	30923319	STATION-ROB ROY CONTROL UPGRADES	01/2015	(324,340.84)
482	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5758266	31069602 - PANOCHÉ STATION - INSTALL MOI	31062960	PANOCHÉ STATION - INSTALL MOIST ANALYZER	07/23/2015	659,835.42
483	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5758269	31056802-KERN RIVER STATION - REPLACE VA	31056802	KERN RIVER STATION - REPLACE VALVE V-5	12/01/2014	41,968.18
484	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5759108	Sulfagor Filter Addition	31099852	TRACY REG STATION INSTALL SULFUR FILTERS	02/02/2014	12,434.83
485	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5759563	Kern River Station	31099977	KERN RIVER - INSTALL GROUNDING GRID	05/31/2016	172,616.74
486	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5759572	Buckeye	31098479	BUCKEYEE	07/19/2016	600,317.64
487	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5759640	Buckeye Creek PLS Underrated 12" Pipe	31123822	BUCKEYEE CREEK PLS UNDERRATED 12" PIPE	02/28/2017	1,302,994.09
488	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5761944	Los Medanos PLS- UPS Upgrade	31104893	LOS MEDANOS PLS- UPS UPGRADE	1/1/2015	69.74
489	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5762178	FOSTER WHEELER STATION REGS EZR CONVERSI	31132098	FOSTER WHEELER STATION REGS EZR CONVERSI	06/20/2017	442,278.51
490	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5762472	L-118B Install 4" BD Weber Station	31151076	R-599B L-118B INSTALL 6" BD WEBER STATIO	05/24/2016	1,287,499.55
491	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5763325	BAKERSFIELD TAP-REPLACE VALVE V27 & V28	31120953	BAKERSFIELD TAP-REPLACE VALVE V27 & V28	09/16/2015	29,151.50
492	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5764338	Franklin Canyon Station Lighting Needed	31186440	FRANKLIN CANYON STATION LIGHTING	09/06/2015	175,306.53
493	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5765560	SAC Div. Transducer Replacements	31059617	SAC DIVISION TRANSDUCER REPLACEMENTS	08/17/2016	1,427,409.06
494	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5765578	Johns Manville Bridle off L-401	31184779	JOHNS MANVILLE BRIDLE OFF L-401	12/13/2016	187,937.82
495	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5765661	TRACY REG STATION INSTALL SULFUR 2016	31185454	TRACY REG STATION INSTALL SULFUR 2016	06/20/2017	26,075.99
496	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5765669	GT-INSTALL OPP AT EL PASO INTERCONNECT	31191015	GT-INSTALL OPP AT EL PASO INTERCONNECT	05/24/2017	1,866,866.84
497	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5765698	L-400/401INSTALL OPP AT GTN INTERCONN	30857344	GT-INSTALL OPP AT EL PASO INTERCONNECT	02/15/2017	458,904.29
498	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5766525	Kirby Hills Rewiring	30862294	L-400/401 INSTALL OPP AT GTN INTERCONN.	05/08/2012	148,754.70
499	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5766556	Timber Reg Station Filter Replacement	31187657	KIRBY HILLS REWIRING	03/25/2013	20,198.15
500	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5766563	Herdon Junction_Replace Meter & Valve	31200514	TIMBER REG STATION FILTER REPLACEMENT	12/18/2015	233,175.58
501	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5767337	4A-PLS, PRV-H Modifications	74003182	TIMBER REG STATION FILTER REPLACEMENT	10/24/2016	673,167.62
502	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5768701	Emado Station Retirement - Ph 2	74004228	HERDON JUNCTION, REPLACE METER & VALVE	09/30/2016	163,757.88
503	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5768907	Emado Station Retirement - Ph 2	74005513	S-578 4A-PLS, PRV-H MODIFICATIONS	12/27/2016	469,074.43
504	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5770641	Emado Station Retirement - Ph 2	74005513	S-578 4A-PLS, PRV-H MODIFICATIONS	02/09/2017	186,701.06
505	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5772473	Dead End Systems	74008270	EMADO STATION RETIREMENT - PH 2	10/18/2017	254,358.98
506	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5772782	Monolith Tap Rebuild	74008824	DEAD END SYSTEMS PILOT	10/09/2017	129,526.53
507	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5772783	SYSTEM-WIDE SCANDATA REPLACEMENT	74008825	DEAD END SYSTEMS PILOT	06/22/2017	227,927.98
508	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5775853	NSUGH REPLACE V-134, 134R, 132 AND 136	74012952	MONOLITH TAP REBUILD	09/15/2017	275,089.05
509	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5778312	MCDONALD ISLAND RECTIFIER REPLACEMENTS	30677907	SYSTEM-WIDE SCANDATA REPLACEMENT	12/29/2011	165,226.34
510	6	Routine Capital Spending - M&C	75C	Routine Spend M&C - Capital	Gas Trans & Storage	5778314	MCDONALD ISLAND RECTIFIER REPLACEMENTS	31017634	NSUGH REPLACE V-134, 134R, 132 AND 136	10/31/2017	3,636,476.86
511	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5517315	MCDONALD ISLAND RECTIFIER REPLACEMENTS	30987142	1019-01 MP 0.615 RECTIFIER REPLACEMENT	09/09/2015	6,373.90
512	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5517315	MCDONALD ISLAND RECTIFIER REPLACEMENTS	3095428	MCDONALD ISLAND RECTIFIER REPLACEMENTS	12/03/2015	2,859.76
513	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5517315	REPLACE TEG L300A MP 3.25	31040162	GT REPLACE TEG L300A MP 3.25	12/03/2014	7,271.47
514	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5517316	REPLACE TEG L-300A MP 4.58	31040166	GT REPLACE TEG L-300A MP 4.58	12/04/2014	7,306.08
515	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5517701	CP Systems Replacements-ProjectPlacehold	31144032	CP SYSTEMS REPLACEMENTS-PROJECTPLACEHOLD	11/22/2015	7,136.94
516	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5519489	INSTALL RECTIFIER REMOTE MONITOR	31139342	INSTALL RECTIFIER REMOTE MONITOR	1/1/2015	33,689.89
517	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5520499	RECT. REMOTE MONITOR MISSION & D	30746181	RECT. REMOTE MONITOR MISSION & D	05/07/2013	479.64
518	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5520499	INSTALL RECTIFIER REMOTE MONITOR	30746420	RECT. REMOTE MONITOR MERIDIAN	05/07/2013	115.46
519	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5523081	L-300A MP 451.78 Replace Rectifier	31256678	L-300A MP 451.78 REPLACE RECTIFIER	1/1/2015	29,169.95
520	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5525025	L-121 MP5.70 DWA REP Lyle Rd Yuba City	74009923	L-121 MP5.70 DWA REP LYLE RD YUBA CIT	1/1/2015	66,685.54
521	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5733012	30627783-L300A MP 125.39 RECOAT PIPEL	30627783	L300A MP 125.39 RECOAT PIPELINE	01/15/2009	20,267.82
522	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5748185	30840649-SACRAMENTO DIV. REMOTE P/S MONI	30840649	SACRAMENTO DIV. REMOTE P/S MONITORS	06/05/2014	989.35
523	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5751378	30768260 - L-314 MP 10.64 REPLACE RECTIF	30768260	L-314 MP 10.64 REPLACE RECTIFIER	1/1/2015	210,261
524	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5751378	30768260 - L-314 MP 10.64 REPLACE RECTIF	30768260	L-314 MP 10.64 REPLACE RECTIFIER	1/1/2015	210,261
525	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5751381	30769589 - L-21H MP 9.90 REPLACE ANODE	30769589	L-21H MP 9.90 REPLACE ANODE	1/1/2015	1,517.96
526	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5751675	30921697 - DFM 6602-01 MP 0.1 REPLACE AN	30921697	DFM 6602-01 MP 0.1 REPLACE ANODE	12/02/2013	147.01
527	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5757231	30746268 - RECT. REMOTE MONITOR RIO VIST	30746268	RECT. REMOTE MONITOR RIO VISTA DIST.	05/07/2013	4,975.99
528	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5757245	30937327 - 306 MP 26.7 ANODE REPLACEMENT	30937327	306 MP 26.7 ANODE REPLACEMENT	05/15/2014	2,312.04
529	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5758244	31058436 - L-131 MP 43.69 REPLACE RECTIF	31058436	L-131 MP 43.69 REPLACE RECTIFIER/ANODE	10/15/2014	2,722.68
530	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5758933	30722314-INSTALL COUPONS ECDA LTIMP MITI	30686161	+L-1813-02 MP 2.7,REPLACE RECTIFIER/ANOD	1/1/2015	5,009.47
531	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5759078	31074682-Repair: Replace Rect 0402-05. M	31074682	GT REPLACE RECTIFIER - DFM 0402-01 MP 0.	12/08/2014	982.40
532	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5759450	26FCatholic Protection - Replacements	31148384	C-650 DFM 0821-01/02 MP 1.35 REPL. RECTI	05/21/2015	46,549.06
533	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5759450	26FCatholic Protection - Replacements	31151115	C-652 L-400/401 MP 69.43 RECTIFIER REPLA	04/27/2015	19,254.99
534	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5759490	26FCatholic Protection - Replacements	31181500	C-725 DFM 7220-01 ANODE REPLACEMENT	05/01/2017	159,305.69
535	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5763392	1817-03 MP 4.08 RECTIFIER REPLACEMENT	31087159	1817-03 MP 4.08 RECTIFIER REPLACEMENT	07/02/2015	20,068.45
536	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5763401	402 MP 28.5 RECTIFIER AND OMNI REPLACE	31053527	402 MP 28.5 RECTIFIER AND OMNI REPLACE	01/2015	(9,397.16)
537	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5763408	BETHANY CS RECT/ANODE REPLACEMENT	30916904	BETHANY CS RECT/ANODE REPLACEMENT	10/02/2014	2,865.33
538	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5763430	DSBN11264 MP 9.69 ANODE REPLACEMENT	31062376	GT DSBN11264 MP 9.69 ANODE REPLACEMENT	03/12/2015	85,928.96
539	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5763440	L-101 & L-147 REPLACE RECT/ANODE LTIMP	30909201	L-101 & L-147 REPLACE RECT/ANODE LTIMP	01/02/2015	1,163.94
540	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5763441	L-108 MP 62.22 RECTIFIER REPLACEMENT	30950842	L-108 MP 62.22 RECTIFIER REPLACEMENT	04/06/2012	3,033.51
541	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5763443	L-109 MP 42.00 RECTIFIER RELOCATION	30874128	GT L-109 MP 42.00 RECTIFIER RELOCATION	1/1/2015	15,979.53
542	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5763450	L-187 MP 22.45 ANODE REPLACEMENT	31087152	GT L-187 MP 22.45 ANODE REPLACEMENT	02/17/2015	80,617.72
543	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5763452	L-300A MP .11 REPLACE ANODE	30944034	L-300A MP .11 REPLACE ANODE	01/23/2015	684.35
544	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5763459	L-300A MP 468.19 ANODE REPLACEMENT	31084583	L-300A MP 468.19 ANODE REPLACEMENT	07/28/2015	140,241.63
545	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5763460	L-300A. 3 LOCATIONS ANODE/RECT REPLACE	30874019	L-300A. 3 LOCATIONS ANODE/RECT REPLACE	1/1/2015	2,819.28
546	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5763464	L313 MP 21.67 REPLACE ANODE	31029855	GT L313 MP 21.67 REPLACE ANODE	01/23/2015	8,586.03
547	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5763552	MCDONALD ISLAND ANODE BED REPLACEMENTS	31091652	MCDONALD ISLAND ANODE BED REPLACEMENTS	03/11/2015	136,861.02
548	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5763553	RECTIFIER REPLACEMENT L-300A MP 440.56	31104539	RECTIFIER REPLACEMENT L-300A MP 440.56	07/28/2015	22,317.93
549	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5763561	OC2 L-114 MP13 RECT AND ANODE RPLCEMNT	30708161	OC2 L-114 MP13 RECT AND ANODE RPLCEMNT	01/2015	5,264.39
550	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5763566	L-210C-1 MP 2.35 RECTIFIER REPLACEMENT	31084914	L-210C-1 MP 2.35 RECTIFIER REPLACEMENT	1/1/2015	5,631.08
551	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5763568	L-0614-08, MP 6.05 SO42 REPL ANODE BED	31102948	C-633 DFM 0614-08 MP6.05 -042 REPL ANOD	05/01/2017	187,594.38
552	7	CP Systems - Replace	3K7	Catholic Protection-Replacemen	Gas Trans & Storage	5763573	OC2 L-114 MP 15 REPLACE RECT <-&*>- A	30708160	OC2 L-114 MP 15 REPLACE RECT <-&*>- A	04/02/2014	4,508

Amounts highlighted have been adjusted to tie to Program Cap. (Amounts in excess of CAP have been removed)

Attachment D (1)

Ln	Chapter	Program	MAT	MAT Description	Master Funding ID	Planning Order	Planning Order Description	Order	Order Description	Operative Date	Shareholder Funded
553	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5763580	L-114 MP 17.39 ANODE/REC REPLACEMENT	30909204	L-114 MP 17.39 ANODE/REC REPLACEMENT	05/27/2014	7,692.43
554	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5763581	DFM 0404-01 MP 2.31 REPLACE RECTIFIER	30911590	DFM 0404-01 MP 2.31 REPLACE RECTIFIER	10/15/2014	100.32
555	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5763585	L111A MP 18.5 RMDA 200 RECOAT	30948019	L111A MP 18.5 RMDA 200 RECOAT	05/07/2015	17,153.39
556	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5763586	L-132 MP 48.05 RECTIFIER REPLACEMENT	30954053	L-132 MP 48.05 RECTIFIER REPLACEMENT	01/08/2013	0.48
557	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5763592	L-300A MP 103.72 REPLACE ANODE	31046016	GT-L-300A MP 103.72 REPLACE ANODE	12/03/2015	23,741.90
558	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5763878	REPAIR RECTIFIER, CURRENT, 1501-01/02. O	31135087	REPAIR RECTIFIER, CURRENT, 1501-01/02. O	06/03/2016	164,546.94
559	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5763925	L-300B MP 0.24 REPLACE ANODE	31142924	L-300B MP 0.24 REPLACE ANODE	05/01/2017	307,382.00
560	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5763999	0813-13 RECTIFIER REPLACEMENT	31142027	0821-01/02 MP 1.96/0.80 RECTIFIER REPLACEMENT	09/08/2015	63,815.24
561	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5764618	L300B MP415 REPLACE RECT./ANODE	30751165	L-300B MP 415 REPLACE RECTIFIER/ANODE	1/1/2015	1,738.64
562	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5764619	GT L-132 MP 29.00 REPLACE RECTIFIER	30838924	GT L-132 MP 29.00 REPLACE RECTIFIER	10/20/2011	13.68
563	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5764620	REPAIR RECTIFIER, CURRENT, L301A & G. DO	31079571	REPAIR RECTIFIER, CURRENT, L301A & G. DO	1/1/2015	585.87
564	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5764621	REPLACEMENT RECTIFIER L-301 A/G MP 23.91	31081921	GT REPLACEMENT RECTIFIER L-301 A/G MP 23	12/09/2014	3,192.44
565	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5764622	DFM0833-01 MP 1.8 RECTIFIER REPLACEMENT	31129509	DFM0833-01 MP 1.8 RECTIFIER REPLACEMENT	08/16/2016	18,761.96
566	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5764624	L-109 MP 52.25 ANODE BED REPLACEMENT	31138054	L-109 MP 52.25 ANODE BED REPLACEMENT	01/15/2016	160,515.87
567	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5764625	L306 MP 62.35 ANODE REPLACEMENT	31139575	L306 MP 57.86 INSTALL NEW DWA AND RECTIF	06/07/2017	1,458.70
568	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5764799	L-301 A/G MP 12.64 DWA REPLACEMENT	31129510	L-301 A/G MP 12.64 DWA REPLACEMENT	01/15/2016	131,651.34
569	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5765099	REPLACE RECTIFIER HARRIET & SHIRLEY	31157877	REPLACE RECTIFIER HARRIET & SHIRLEY	1/1/2015	17,118.88
570	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5765240	L148 MP 3.63 Replace DWA-SD	31167246	L148 MP 3.63 REPLACE DWA-SD	05/09/2016	125,310.81
571	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5765963	L-101 MP 40.82 & 42.2 REPLACE 2 DWA	31179219	L-101 MP 40.82 & 42.2 REPLACE 2 DWA	06/16/2016	234,190.69
572	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766120	L-300A M.P. 414.8, RECTIFIER REPLACEMENT	31003448	L-300A M.P. 414.8, RECTIFIER REPLACEMENT	06/05/2014	10,477.98
573	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766442	L-1818-01 MP 4.66 Rectifier Replacement	31186918	L-1818-01 MP 4.66 RECTIFIER REPLACEMENT	05/20/2016	18,086.38
574	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766444	L-108 MP 27.29 Install ND-DWA	31187400	L-108 MP 27.29 INSTALL ND-DWA	02/08/2017	189,730.87
575	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766683	Replace CP - Shallow	31220900	C-786 L118A MP 16.63 REPLACE - ND-DWA	05/01/2017	14,617.28
576	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766685	Replace CP - Normal Deep	31202444	L002 MP 48.95 NEW DWA - ND	05/01/2017	248,146.44
577	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766685	Replace CP - Normal Deep	31202646	L7223-01 MP 7.63 REPLACE DWA ND	05/01/2017	160,603.99
578	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766685	Replace CP - Normal Deep	31207974	COM/PROJECTS/MAKOP/ADMIN SHARE/TOOLS/3	05/01/2017	151,954.51
579	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766685	Replace CP - Normal Deep	31220306	C-784 7203-01 MP 2.77 CP REPLACE DWA ND	05/01/2017	161,413.05
580	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766686	Replace CP - Xtra Deep	31202446	C-751 L-300A MP459.7 REPLACE XD DWA/RECT	05/01/2017	212,662.21
581	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766686	Replace CP - Xtra Deep	31204419	L-300A MP 322.65 ANODE REPLACEMENT XD	02/16/2016	244,549.85
582	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766686	Replace CP - Xtra Deep	31220301	C-787 L118A MP 23.88 REPLACE - XD-DWA	05/01/2017	223,677.88
583	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766686	Replace CP - Xtra Deep	31237356	XD-DWA AND RECTIFIER 002 MP 132.79	01/05/2017	288,455.33
584	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766687	Replace CP - Rectifier Only	31191357	L021C MP 45.76 RECTIFIER REPLACEMENT	03/29/2017	16,662.29
585	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766687	Replace CP - Rectifier Only	31204417	L-187 MP 22.46 RECTIFIER REPLACEMENT	05/24/2016	23,952.47
586	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766687	Replace CP - Rectifier Only	31205815	L-303 MP 27.68 RECTIFIER REPLACEMENT	08/22/2016	52,580.20
587	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766687	Replace CP - Rectifier Only	31228581	0821-01 MP 6.85 RECTIFIER REPLACEMENT	03/30/2017	46,046.21
588	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766687	Replace CP - Rectifier Only	31237346	L021E MP 55.50 RECTIFIER REPLACEMENT	08/31/2016	13,811.66
589	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766687	Replace CP - Rectifier Only	31249781	RECTIFIER REPLACEMENT GT LINE 1303-01	1/1/2015	5,956.81
590	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5768028	Historical CP Projects Replace	31106542	OCW ACROSS FROM 590 FREMONT ST & EL 5S	1/1/2015	1,563.72
591	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5771218	L-186 MP 3.94 CP Groundbed Replacement	31251137	L-186 MP 3.94 CP GROUNDDBED REPLACEMENT	06/08/2017	1,055.01
592	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5771219	L-186 MP 9.23 CP Groundbed Replacement	31251138	L-186 MP 9.23 CP GROUNDDBED REPLACEMENT	06/08/2017	1,561.17
593	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5771220	1209-01 MP 3.73 - Replace DWA/Rectifier	31251139	1209-01 MP 3.73 - REPLACE DWA	05/01/2017	163,973.79
594	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5771224	L-132 MP 24.15 - NEW ND-DWA	31256144	L-132 MP 24.15 - NEW ND-DWA	02/09/2017	288,940.29
595	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5771228	L-132 MP 25.97 - RECTIFIER REPLACEMENT	31256143	L-132 MP 25.97 - RECTIFIER REPLACEMENT	02/09/2017	33,833.09
596	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5771228	GCUST5815 MP 0 - RECTIFIER REPLACEMENT	31251127	GCUST5815 MP 0 - RECTIFIER REPLACEMENT	02/09/2017	25,602.00
597	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5771238	L119A Yolo Causeway CP Upgrades	31256146	L119A YOLO CAUSEWAY CP UPGRADES	10/31/2016	226,150.88
598	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5523439	L-138 MP 16.19-16.88 - Anode Replace	31262048	L-138 MP 16.19-16.88 - ANODE REPLACE	1/1/2015	35,036.46
599	7	CP Systems - Replace	3K7	Catholic Protection-Replacem	Gas Trans & Storage	5766687	Replace CP - Rectifier Only	31241722	MILPITAS TERMINAL RECTIFIER REPLACEMENT	1/1/2015	14,610.37
600	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5519487	CP Systems - New - Project Placeholder	31222086	IRVINGTON STATION DEEP WELL ANODE	05/01/2017	177,919.64
601	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5521242	2019 NEW CP SYSTEMS - UTRAN	31242205	OCW GNEW/DW1602-01YOSEMITE&PACIFIC SGOC	06/07/2017	166,973.83
602	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5522957	DREG13989 Install Galvanic Anodes	31256948	C-885 DFM-1815-02 MP 15.8 NEW RECTIFIER	1/1/2015	224,767.61
603	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5523083	L-300A MP 488.69 New CP System	31256949	L-300A MP 488.69 NEW CP SYSTEM	1/1/2015	183,153.33
604	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5525029	Rental CS McDonald Island	74010040	RENTAL CS MCDONALD ISLAND	04/29/2017	198,132.60
605	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5525065	Line 002 MP 63 X-DWA and Rectifier	74010160	LINE 002 MP 63 X-DWA AND RECTIFIER	1/1/2015	113,762.19
606	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5525812	Line 002 MP 44.6 New DWA and Rectifier	74011131	LINE 002 MP 44.6 NEW DWA AND RECTIFIER	1/1/2015	280,212.72
607	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5525879	Line 002 MP 47 New DWA and Rectifier	74011363	LINE 002 MP 47 NEW DWA AND RECTIFIER	1/1/2015	242,473.88
608	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5526662	Line 002 MP 53.32 New Rectifier and DWA	74012787	LINE 002 MP 53.32 NEW RECTIFIER AND DWA	1/1/2015	149,134.30
609	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5526663	Line 002 MP 64 New DWA and Rectifier	74012940	LINE 002 MP 64 NEW DWA AND RECTIFIER	1/1/2015	163,038.45
610	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5526664	Line 002/401 New DWA and Rectifier	74012941	LINE 002/401 NEW DWA AND RECTIFIER	1/1/2015	204,419.23
611	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5526665	Line 002 MP 112 New Rectifier and DWA	74012942	LINE 002 MP 112 NEW RECTIFIER AND DWA	1/1/2015	43,531.73
612	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5526666	Line 002 MP 90 New Rectifier and DWA	74012943	LINE 002 MP 90 NEW RECTIFIER AND DWA	1/1/2015	184,140.66
613	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5526879	Line 300A and 300B MP 352 DWA/Rectifier	74013300	LINE 300A AND 300B MP 352 DWA/RECTIFIER	1/1/2015	142,789.91
614	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5526883	Line 300B MP 363.98 DWA and Rectifier	74013302	LINE 300B MP 363.98 DWA AND RECTIFIER	1/1/2015	173,940.32
615	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5527161	Line 142N MP 11.49 New DWA and Rectifier	74013660	LINE 142N MP 11.49 NEW DWA AND RECTIFIER	1/1/2015	235,512.95
616	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5527363	Line 300B MP 393.79 DWA and Rectifier	74013891	LINE 300B MP 393.79 DWA AND RECTIFIER	1/1/2015	137,105.08
617	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5527460	L-118A MP 65.14 - CP NEW ND-DWA	74014226	L-118A MP 65.14 - CP NEW ND-DWA	1/1/2015	145,699.95
618	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5527481	L-300A and L-300B MP 354 DWA/Rectifier	74014286	L-300A AND L-300B MP 354 DWA/RECTIFIER	1/1/2015	201,796.76
619	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5528901	L-021E MP 115.48 - CP SYSTEM NEW	74016569	L-021E MP 115.48 - CP SYSTEM NEW	1/1/2015	23,238.85
620	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5528920	Line 002 MP 44 DWA and Rectifier	74016601	LINE 002 MP 44 DWA AND RECTIFIER	1/1/2015	163,859.57
621	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5528921	Line 002 MP 46.26 DWA and Rectifier	74016602	LINE 002 MP 46.26 DWA AND RECTIFIER	1/1/2015	138,286.18
622	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5528929	L-300A MP 430 DWA	74016610	L-300A MP 430 DWA	1/1/2015	60,474.70
623	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5528930	Irvington Station DWA	74016612	IRVINGTON STATION DWA	1/1/2015	61,832.13
624	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5528931	301F DWA	74016613	L-301F DWA	1/1/2015	13,513.51
625	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5528949	L-050A MP 35.37 - CP NEW ND-DWA	74016568	L-050A MP 35.37 - CP NEW ND-DWA	1/1/2015	13,130.24
626	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5529020	Line 002 MP 138.5 - DWA and Rectifier	74016905	LINE 002 MP 138.5 - DWA AND RECTIFIER	1/1/2015	213,507.41
627	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5529021	Line 002 MP 83.2 - DWA and Rectifier	74016906	LINE 002 MP 83.2 - DWA AND RECTIFIER	1/1/2015	166,297.75
628	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5529022	Line 002 MP 97.2 - DWA and Rectifier	74017020	LINE 002 MP 97.2 - DWA AND RECTIFIER	1/1/2015	136,061.28
629	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5529047	L-400/401 MP 281.62 - CP NEW ND-DWA	31373204	L-400/401 MP 281.62 - CP NEW ND-DWA	1/1/2015	19,391.55
630	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5529048	L-124C 1 MP 2.90 Rectifier Replacement	31371872	L-124C 1 MP 2.90 RECTIFIER REPLACEMENT	1/1/2015	4,149.04
631	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5529124	L-167 MP 6.51 - NEW DWA and Rectifier	74017200	L-167 MP 6.51 - NEW DWA RECTIFIER	1/1/2015	22,142.37

Pacific Gas and Electric Company
Shareholder Funded Capital Accounting Detail

Amounts highlighted have been adjusted to tie to Program Cap. (Amounts in excess of CAP have been removed)

Attachment D (1)

Ln	Chapter	Program	MAT	MAT Description	Master Funding ID	Planning Order	Planning Order Description	Order	Order Description	Operative Date	Shareholder Funded
632	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5529125	300A MP 384.8 - New DWA and Rectifier	74017286	L-300A MP 384.8 - NEW DWA AND RECTIFIER	1/1/2015	155,711.49
633	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5529126	300A MP 373.6 - New DWA and Rectifier	74017241	L-300A MP 373.6 - NEW DWA AND RECTIFIER	1/1/2015	159,428.64
634	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5529233	300A MP 359.38 - New DWA and Rectifier	74017242	L-300A MP 359.38 - NEW DWA AND RECTIFIER	1/1/2015	143,317.33
635	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5529419	177A MP 13.83-NEW DWA and Rectifier	74017422	L-177A MP 13.83 - NEW DWA AND RECTIFIER	1/1/2015	12,136.87
636	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5529427	L-402 MP 15.001-NEW DWA and Rectifier	74017432	V-523 L-300A MP 468.19 LAND	1/1/2015	10,194.98
637	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5529428	121 MP 9.06-NEW DWA and Rectifier	74017433	L-121 MP 9.06 NEW DWA AND RECTIFIER	1/1/2015	16,318.65
638	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5529429	177B MP 4.31-NEW DWA and Rectifier	74017434	L-177B MP 4.31 NEW DWA AND RECTIFIER	1/1/2015	19,881.21
639	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5529433	L-300B MP 350.8 - New DWA and Rectifier	74017426	L-300B MP 350.8 NEW DWA AND RECTIFIER	1/1/2015	125,620.01
640	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5529560	L-124B, MP 21.687 - DWA and Rectifier	74017543	L-124B MP 21.687 - DWA AND RECTIFIER	1/1/2015	21,528.49
641	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5529761	L198 MP 2.784 New DWA and Rectifier	74017948	L-1198 MP 2.784 NEW DWA AND RECTIFIER	1/1/2015	10,387.90
642	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5530046	L-1213-01 MP 2.68 New DWA and Rectifier	74018446	DFM1213-01 MP 2.68 NEW DWA AND RECTIFIER	1/1/2015	15,931.38
643	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5530410	1816-15 MP 4.73 New DWA and Rectifier	74018967	C-1320 DFM1816-15 MP4.73 DWA&RECTIFIER	1/1/2015	15,390.03
644	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5759491	26E Catholic Protection - New	31167002	L-172A MP 33.73 NEW DWA AND RECTIFIER	1/1/2015	171,582.87
645	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763393	197C 13.65 DWA INSTALLATION	31092936	GT 197C 13.65 DWA INSTALLATION	05/13/2015	124,569.09
646	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763394	2013 RECTIFIER PROCUREMENT FOR JOB TOOLS	31033684	2013 RECTIFIER PROCUREMENT FOR JOB TOOLS	01/02/2015	2,921.26
647	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763398	300B MP 264.61 NEW RECT/DWA INSTALL	30983362	GT 300B MP 264.61 NEW RECT/DWA INSTALL	08/06/2015	129,730.43
648	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763399	306 MP 14.78 SOLAR RECTIFIER INSTALL	31084209	C-360 306 MP 14.78 SOLAR RECTIFIER INSTA	12/30/2015	13,009.07
649	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763433		31070678		1/1/2015	1,236.94
650	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763436	KETTLEMAN COMP. STA NEW RECTIFIER/ANODE	30895482	KETTLEMAN COMP. STA NEW RECTIFIER/ANODE	07/18/2014	2,093.13
651	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763437	L 132 CP INSTALL SAN BRUNO MTN	31065904	L 132 CP INSTALL SAN BRUNO MTN	10/01/2015	96,997.79
652	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763448	L138 MP 43.39 CP STATION INSTALL	30975759	L138 MP 43.39 CP STATION INSTALL	12/29/2015	35,369.20
653	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763453	L-300A MP 0.64 RECTIFIER AND ANODE	30967166	GT L-300A MP 0.64 RECTIFIER AND ANODE	01/23/2015	3,841.59
654	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763455	L-300A MP 197 TEG	30961802	GT L-300A MP 197 TEG	04/01/2015	4,307.30
655	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763458	L-300A MP 462.4 ANODE INSTALLATION	31105000	L-300A MP 462.4 ANODE INSTALLATION	03/15/2016	382,765.40
656	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763461	L-300B MP 10.50 TEG	30944033	GT L-300B MP 10.50 TEG	01/23/2015	5,841.81
657	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763573	L7TMP L153 MP 24.89-26.83 2 EXCAVATIONS	30864517	L7TMP L153 MP 24.89-26.83 2 EXCAVATIONS	12/20/2012	2,469.56
658	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763556	SAN ANDREAS STA RECTIFIER & ANODE INSTAL	30909202	SAN ANDREAS STA RECTIFIER & ANODE INSTAL	07/28/2015	125,192.09
659	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763557	TEG INSTALL L-300A MP 25.88	31130746	TEG INSTALL L-300A MP 25.88	12/31/2015	402,525.66
660	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763562	MNSTALL CP STATION KETTLEMAN DISTRICT	30885601	MNSTALL CP STATION KETTLEMAN DISTRICT	10/22/2014	10,641.02
661	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763563	TOPOCK L300A RECTIFIER/ANODE	30924134	TOPOCK L300A RECTIFIER/ANODE	12/04/2014	5,377.19
662	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763564	TOPOCK L-300B MP 1 RECTIFIER/ANODE	30924135	TOPOCK L-300B MP 1 RECTIFIER/ANODE	06/19/2017	63,979.47
663	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763583	L300A MP 180.8 RECTIFIER/ANODE	30941514	L300A MP 180.8 RECTIFIER/ANODE	01/23/2015	1,082.90
664	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763584	L-300A MP 61 RECTIFIER/ANODE	30941516	L-300A MP 61 RECTIFIER/ANODE	01/23/2015	1,420.12
665	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763588	21E MP 95 NEW REC/ANODE INSTALLATION	30962223	21E MP 95 NEW REC/ANODE INSTALLATION	06/20/2014	3,403.76
666	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5763589	L300 MP 321.38 DEEP WELL ANODE	30975795	L300 MP 321.38 DEEP WELL ANODE	04/01/2015	3,018.89
667	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5765238	L-210A MP 22.17 NEW DWA INSTALL	31167243	C-694 L-210A MP 22.17 NEW DWA INSTALL	09/06/2016	216,044.68
668	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5765239		31167245		12/21/2016	144,204.01
669	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5765241	L-107 & 303 Fremont New Rectifier & DWA	31167244	L-107 & 303 FREMONT NEW RECTIFIER & DWA	05/03/2017	339,632.61
670	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5765280	L-1026-01 MP 2.27 NEW DWA INSTALL	31168875	C-702 L-1026-01 MP 2.27 NEW DWA INSTALL	05/09/2016	182,072.00
671	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5765966	L197C MP 0.5 NEW DWA	31179017	L197C MP 0.5 NEW DWA	03/09/2017	292,764.50
672	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5766288	L-172A MP 63.90 NEW DWA & RECTIFIER	31184988	L-172A MP 63.90 NEW DWA & RECTIFIER	08/03/2016	227,955.10
673	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5766554	NEW RECTIFIER & DWA ANODE L131 & L107	31166224	"SGOC" RECTIFIER & DWA ANODE L131 & L107	01/26/2017	257,637.65
674	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5766679	New CP - Shallow	31160793	OF LOAD CENTRAL STATION INSTALLATION	07/06/2016	346,569.97
675	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5766679	New CP - Shallow	31209321	DFM 0614-13 NEW RECTIFIER/ANODE SHALLOW	06/07/2017	262,777.46
676	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5766679	New CP - Shallow	31248471	NEW CP STATION 103 MP 3.84	06/07/2017	168,144.44
677	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5766681	New CP - Normal Deep	31191356	L-300A MP 378.65 HELM TAP NEW CP - ND	06/07/2017	387,837.97
678	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5766681	New CP - Normal Deep	31191358	L-132 MP 41.31 NEW CP SYSTEM: ND-DWA	06/07/2017	230,359.35
679	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5766681	New CP - Normal Deep	31204418	L-187 MP 12.74 NEW ANODE AND RECTIFIER	10/31/2016	193,428.95
680	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5766681	New CP - Normal Deep	31205819	L-302 NEW ANODE AND RECTIFIER SYSTEM	05/01/2017	247,555.43
681	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5766681	New CP - Normal Deep	31207978	ERBER COMP NEW CP STATION ANODE/RECT	08/08/2018	259,900.78
682	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5766681	New CP - Normal Deep	31226140	L-177A MP 27.17 NEW DWA AND RECTIFIER	03/21/2017	236,399.88
683	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5766681	New CP - Normal Deep	31228479	DFM 1212-01 MP 3.99 NEW DWA - NDO	05/01/2017	138,102.33
684	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5766681	New CP - Normal Deep	31229237	N-DWA AND RECTIFIER, 0617-14 / 0617-06	12/06/2016	398,583.37
685	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5766681	New CP - Normal Deep	31234295	L-210A MP 1.34 NEW DWA AND RECTIFIER	05/01/2017	161,423.60
686	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5766682	New CP - Xtra Deep	31205812	C-755 L-300A MP 461.08 NEW XD DWA & RECT	01/26/2017	216,268.27
687	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5766682	New CP - Xtra Deep	31237348	NEW CP STATION 300A MP 470	06/15/2017	259,454.15
688	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5766682	New CP - Xtra Deep	31237353	XD-DWA AND RECTIFIER 002 MP 104.4	01/05/2017	287,659.28
689	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5768027	Historical CP Projects New	31207752	L101 MP 5.03 CP STATION INSTALL	09/30/2017	120,728.52
690	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5768027	Historical CP Projects New	31207949	LINE 173 LOW READ REMEDIATION PROJECT	09/29/2017	95,014.82
691	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5768027	Historical CP Projects New	31207950	L-300A MP 482.85 ANODE AND RECTIFIER	05/08/2018	437,993.50
692	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5770970	300B MP 256 - New CP System: ND-XDWA	31249432	300B MP 256 - NEW CP SYSTEM: ND-XDWA	02/08/2018	147,870.10
693	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5771222	300B MP 463.96 - New DWA and Rectifier	31256141	300B MP 463.96 - NEW DWA AND RECTIFIER	06/07/2017	262,834.15
694	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5771223	1805-01 New CP System	31256142	1805-01 NEW CP SYSTEM	08/03/2017	188,653.55
695	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5771225	L-132 MP 18.49 - NEW ND-DWA	31256148	L-132 MP 18.49 - NEW ND-DWA	02/09/2017	208,586.19
696	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5771226	1816-01 MP 17.82-17.85 Anode Install	31251136	1816-01 MP 17.82-17.85 ANODE INSTALL	07/31/2017	63,656.17
697	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5528928	L-021E MP 82.52 - CP SYSTEM NEW	74016614	L-021E MP 82.52 - CP SYSTEM NEW	1/1/2015	26,901.68
698	7	CP Systems - New	3K6	Catholic Protection-New	Gas Trans & Storage	5530042	177A MP 132.55-NEW DWA and Rectifier	74018442	L-177A MP 132.55 NEW DWA AND RECTIFIER	1/1/2015	10,639.50
699	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5741610	30830363-CTS INSTALLATIONS 1519-01 MP2.1	30830363	CTS INSTALLATIONS 1519-01 MP2.1-4.7	03/27/2017	808.07
700	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5751409	P.02192-L-402 CASING ETS/VENT INSTALLATI	30810439	L-402 CASING ETS/VENT INSTALLATION	1/1/2015	7,554.18
701	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5757292	31002028 - INTEGRITY INSPECTIONS & CTS I	31002028	INTEGRITY INSPECTIONS & CTS INSTALLATION	11/15/2013	5,000.47
702	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5759489	26G Coupon Test Stations	30761139	L-107 & L-114 INSTALL CTS'S TRACY	08/29/2012	463.85
703	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5763382	105B CTS INSTALLATION	30920564	GT 105B CTS INSTALLATION	06/01/2015	27,300.67
704	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5763388	172A CTS INSTALLATION	30937323	172A CTS INSTALLATION	09/08/2015	137,869.30
705	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5763395	21E CTS INSTALLATION	30937478	GT 21E CTS INSTALLATION	12/04/2015	68,423.03
706	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5763396	220 CTS INSTALLATION	30937479	220 CTS INSTALLATION	08/31/2016	56,443.26
707	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5763400	400 MP 137.7-258.3 6 CTS INSTALLA	31039529	400 MP 137.7-258.3 6 CTS INSTALLA	03/23/2015	5,192.18
708	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5763444	L-124A&B CTS INSTALLATION	30988489	L-124A&B CTS INSTALLATION	10/10/2014	386.09
709	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5763445	L-131 MP 26-32 CTS INSTALLATIONS	31129507	C-639 L-131 MP 25-32 CTS INSTALLATIONS	02/10/2016	161,082.69
710	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5763463	L301A/G MP 2.47-7.32 AC CTS INSTALLATION	31077810	C-264 L301A/G MP 2.47-7.32 AC CTS INSTAL	02/08/2016	5,623.76

Amounts highlighted have been adjusted to tie to Program Cap. (Amounts in excess of CAP have been removed)

Attachment D (1)

Ln	Chapter	Program	MAT	MAT Description	Master Funding ID	Planning Order	Planning Order Description	Order	Order Description	Operative Date	Shareholder Funded
711	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5763465	L-401 MP 186.88-197.73 INSTALL 10 CTS	30924125	GT L-401 MP 186.88-197.73 INSTALL 10 CTS	03/04/2014	10,561.53
712	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5763559	TRACY ENVIRO CTS	30939821	GT TRACY ENVIRO CTS	03/31/2015	23,261.03
713	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5763574	C-266 L-103 MP 0.01-17.97 INSTALL CTS	30711355	C-266 L-103 MP 0.01-17.97 INSTALL CTS	06/10/2016	331,155.71
714	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5763575	L301G INSTALL CTS MP 2.9 TO 22.67	30711356	L301G INSTALL CTS MP 2.9 TO 22.67	02/08/2016	248,014.40
715	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5763576	L-301A INST. CTS MP 5.19 - 24.31	30711357	L-301A INST. CTS MP 5.19 - 24.31	01/15/2016	174,845.81
716	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5763577	R-242 L-057A INSTALL 10 CASING ETSS	30781113	R-242 L-057A INSTALL 10 CASING ETSS	03/24/2014	0.35
717	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5763580	C-265 L-306 MP 5.15-67.7 INSTALL CTS	30932023	C-265 L-306 MP 5.15-67.7 INSTALL CTS	10/03/2016	297,777.79
718	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5764280	L-300A MP 456-466 CTS INSTALLATION	31129508	C-640 L-300A MP 456-466 CTS INSTALLATION	10/15/2015	281,863.03
719	7	Coupon Test Stations	3K8	Test Station Installation	Gas Trans & Storage	5764627	CCC AC INTERFERENCE MONITORING	31145700	CCC AC INTERFERENCE MONITORING 4 AC CTS	08/22/2016	124,409.31
720	7	AC Interference Mitigation	3K1	Internal Corrosion	Gas Trans & Storage	5751459	30830366 - L196 REPLACE 3 CORROSDOMETER	30830366	L196 REPLACE 3 CORROSDOMETER PROBES	02/05/2013	6,202.46
721	7	AC Interference Mitigation	3K4	Electrical Interference - AC	Gas Trans & Storage	5758931	30975922-L303 LIVERMORE JUNCT. STA. CUT-	30975922	L-303 LIVERMORE JUNCT. STA. CUT-OUT	11/07/2013	12,712.69
722	7	AC Interference Mitigation	3K4	Electrical Interference - AC	Gas Trans & Storage	5763405	AC: LIVERMORE JUNCTION STATION GROUNDING	30997795	AC: LIVERMORE JUNCTION STATION GROUNDING	12/03/2013	3,712.66
723	7	AC Interference Mitigation	3K4	Electrical Interference - AC	Gas Trans & Storage	5763425	CCC AC mitigation & investigation	7079825	CCC AC mitigation & investigation	11/19/2014	3,168.46
724	7	AC Interference Mitigation	3K4	Electrical Interference - AC	Gas Trans & Storage	5763442	L109 AC MITIGATION	80916746	C-239 L-109 AC MITIGATION	05/21/2015	1,094,060.73
725	7	AC Interference Mitigation	3K4	Electrical Interference - AC	Gas Trans & Storage	5763451	L191 AC MITIGATION	31049257	C-283 L-191 AC MITIGATION	03/30/2016	3,651,597.73
726	7	AC Interference Mitigation	3K4	Electrical Interference - AC	Gas Trans & Storage	5763459	L-2 MP114-119 & L-401 MP347-353 AC SAFETY	30896215	GT L-2 MP114-119 & L-401 MP347-353 AC SAF	03/24/2015	95,029.85
727	7	AC Interference Mitigation	3K4	Electrical Interference - AC	Gas Trans & Storage	5766445	L306 MP 52.28 AC Interference Study	31187401	L-306 AC INTERFERENCE STUDY 4 GROUND ROD	08/31/2016	693,564.30
728	7	AC Interference Mitigation	3K4	Electrical Interference - AC	Gas Trans & Storage	5773794	L-132B 0.37MI Martin Sub Sta	74010187	L-132B 0.37MI MARTIN SUB STA	12/21/2016	2,046,223.89
729	7	DC Interference Mitigation	3K9	Electrical Interference - DC	Gas Trans & Storage	5763456	L-300A MP 239.6 SOCIAL INTERFERENCE	30854600	L-300A MP 239.6 SOCIAL INTERFERENCE	01/02/2015	47.93
730	7	DC Interference Mitigation	3K9	Electrical Interference - DC	Gas Trans & Storage	5765310	Line 105A MP 49.89-51.66 CP System New	74000041	L-105A MP 49.89-51.66 NEW CP SYSTEM	06/07/2017	239,781.09
731	7	DC Interference Mitigation	3K9	Electrical Interference - DC	Gas Trans & Storage	5766692	DC INT - Normal Deep Drive	31191405	SAN PABLO STATION ANODE REPLACEMENT	06/15/2017	189,998.65
732	7	DC Interference Mitigation	3K9	Electrical Interference - DC	Gas Trans & Storage	5768029	Historical DC Interference Projects	31225148	GROUNDING CELLS ON LINE 002	06/14/2017	96,972.70
733	7	DC Interference Mitigation	3K9	Electrical Interference - DC	Gas Trans & Storage	5768029	Historical DC Interference Projects	31226912	0140-01_DC INTERFERE. STUDY AND MITIGATION	03/29/2017	206,968.71
734	7	DC Interference Mitigation	3K9	Electrical Interference - DC	Gas Trans & Storage	5770971	L-142N MP 9.64 - REPLACE ND-DWA	31249429	L-142N MP 9.64 - REPLACE ND-DWA	05/01/2017	147,763.53
735	7	DC Interference Mitigation	3K9	Electrical Interference - DC	Gas Trans & Storage	5771278	L-142N MP 13.54 # ND #DWA REPLACEMENT	31256705	L-142N MP 13.54 ND #DWA REPLACEMENT	05/01/2017	152,915.64
736	7	DC Interference Mitigation	3K9	Electrical Interference - DC	Gas Trans & Storage	5771361	1615-04 Low Road Remediation	31258558	1615-04 LOW ROAD REMEDIATION	11/21/2016	121,663.22
737	7	DC Interference Mitigation	3K9	Electrical Interference - DC	Gas Trans & Storage	5772282	Line 105N MP 25.16 Rectifier Replacement	31272008	LINE 105N MP 25.16 RECTIFIER REPLACEMENT	1/1/2015	13,991.09
738	7	DC Interference Mitigation	3K9	Electrical Interference - DC	Gas Trans & Storage	5773458	Line 300A MP 276.55 Grounding Cells	74009583	LINE 300A MP 276.55 GROUNDING CELLS	05/07/2017	166,555.97
739	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5523979	L-101(N)MP11.85-32.57Casing Remediation	31273289	L-101(N)MP11.85-32.57CASING REMEDIATION	1/1/2015	1,688,648.68
740	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5524559	EC15-107 Casing	31285170	EC15-107 CAPITAL	06/20/2017	860,116.15
741	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5524560	EC15-400-2 Casing	31285171	EC15-400-2 DIGS CAPITAL	06/30/2017	2,345,256.67
742	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5529259	D-464A DFM-0401-13 MP 0.932 Casing Remov	31187303	D-464A DFM0401-13 MP 0.932 CASING REMOVA	1/1/2015	589,613.37
743	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5529264	D-461A DFM-2408-01 MP 1.126 Casing Remov	74017310	D-461A DFM2408-01 MP1.126 CASING REMOVAL	1/1/2015	835,071.34
744	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5750482	P.04393-CASING REMEDIATION CAP	30966685	CASING REMEDIATION L-401 MP 213.05	02/21/2014	2,521.09
745	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5751481	30841027 - TEST CASING KETTLEMAN	30841027	TEST CASING KETTLEMAN	05/21/2012	(5,334.23)
746	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5757250	30959068 - CASING REMEDIATION L-0813-09	30959068	CASING REMEDIATION L-0813-09 MP 0.60	04/10/2013	8,536.68
747	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5757256	30966535 - CASING REMEDIATION L-119D MP	30966535	CASING REMEDIATION L-119D MP 0.93	04/10/2013	241.19
748	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5759558	3K5 Casings Remediation	31143740	L-1624-01 MP 1.14 CASING REMOVAL	04/12/2016	180,029.16
749	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5759558	3K5 Casings Remediation	31200518	L-0611-09 MP 10.91 CASING REMEDIATION	09/27/2017	748,992.07
750	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5759558	3K5 Casings Remediation	31200576	L101 MP 44.13 CASING REMOVAL	08/30/2016	613,431.64
751	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5759558	3K5 Casings Remediation	31200577	L101 MP 44.15 CASING REMOVAL	08/30/2016	493,996.09
752	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5759558	3K5 Casings Remediation	31200624	L314 MP 43.00 CASING REMEDIATION	09/08/2016	927,148.82
753	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5759558	3K5 Casings Remediation	31200949	DFM 1613-01_MP0.019 CASING REMOVAL	04/10/2017	671,690.45
754	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5759558	3K5 Casings Remediation	31202058	DFM 1805-01_MP 1.61 CASING REMOVAL	08/25/2016	634,886.44
755	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5759558	3K5 Casings Remediation	31202059	6602-01_MP 0.0413 CASING REMEDIATION	12/22/2016	566,832.69
756	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5759558	3K5 Casings Remediation	31202100	DFM-1614-08 MP 0.58 CASING REMOVAL	09/26/2016	1,093,426.57
757	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5759558	3K5 Casings Remediation	31202106	L-100 MP 144.70 CASING REMEDIATION	04/05/2017	461,429.87
758	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5759558	3K5 Casings Remediation	31202455	L109 MP 3.3 CASING REMEDIATION	09/26/2016	549,566.52
759	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763333	0215-01_MPO.0000-0.9900	31160015	DFM-0215-01_MP 0.46 CASING REMEDIATION	04/12/2016	339,718.38
760	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763334	0402-01_MPO.0000-5.6040	31187376	DFM 0402-01_MP 4.57 CASING REMEDIATION	08/26/2016	577,936.58
761	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763336	0404-02_MPO.00-0.13	31104824	DFM 0404-02_MP 0.04 CASING REMEDIATION	07/19/2016	525,734.00
762	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763386	153_MPO.00-27.88	31105693	L 153_MP 13.31 CASING REMOVAL	04/12/2016	441,971.00
763	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763389	172A_MP45.7796-79.1330	31104821	L-172A_MP 70.83 CASING REMEDIATION	09/24/2015	330,930.13
764	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763391	1812-13_MPO.0000-2.1000	31106008	DFM-1812-13_MP 0.02 CASING REMEDIATION	07/19/2016	605,192.04
765	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763397	3008-01_MPO.0000-8.0160	31160004	DFM-3008-01_MP 1.24 CASING REMEDIATION	09/24/2015	649,405.59
766	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763402	7224-15_MPO.0000-0.7525	31104825	DFM 7224-15_MP 0.01 CASING REMEDIATION	04/12/2016	431,374.98
767	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763411	CASING REMEDIATION 021E MP 63.74	31200898	GT CASING REMEDIATION 021E MP 63.74	10/17/2016	147,626.98
768	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763412	CASING REMEDIATION 021E MP 67.74	31082422	GT CASING REMEDIATION 021E MP 67.74	05/01/2017	465,113.79
769	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763414	CASING REMEDIATION 0608-01 MP 2.37	31067198	CASING REMEDIATION 0608-01 MP 2.37	07/19/2016	45,311.49
770	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763415	CASING REMEDIATION 0608-01 MP 2.46	31082399	CASING REMEDIATION 0608-01 MP 2.46	04/12/2016	989,779.85
771	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763416	CASING REMEDIATION 301B MP 2.01	31065134	CASING REMEDIATION 301B MP 2.01	07/19/2016	27,014.12
772	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763418	CASING REMEDIATION L-0611-09 MP 4.50	30960513	CASING REMEDIATION L-0611-09 MP 4.50	05/22/2014	3,827.63
773	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763420	CASING REMEDIATION L-401 MP 323.19	31065159	CASING REMEDIATION L-401 MP 323.19	07/19/2016	202,044.21
774	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763422	CASING REMOVAL 0812-01 MP 0.67	31086219	GT CASING REMOVAL 0812-01 MP 0.67	04/12/2016	94,274.87
775	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763423	CASING REMOVAL 0821-02 MP 8.15	31081645	CASING REMOVAL 0821-02 MP 8.15	04/11/2016	188,427.20
776	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763424	CASING REMOVAL 1602-01 MP 0.733	31082620	CASING REMOVAL 1602-01 MP 0.733	04/12/2016	289,739.87
777	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763426	CD-09A - L-105N MP 33.28 CASING REMOVAL	31127562	L-105N MP 33.28 CASING REMOVAL	06/25/2015	1,935,289.43
778	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763427	DFM 0616-02 MP 0.31	31112324	DFM 0616-02 MP 0.31 CASING REMEDIATION	09/24/2015	395,286.63
779	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763432	GT CASING REMEDIATION 050A MP 27.01	31075977	GT CASING REMEDIATION 050A MP 27.01	08/29/2016	18,276.34
780	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763434	INSTALL CASIED PIPE AT KETTLEMAN	30647590	INSTALL CASIED PIPE AT KETTLEMAN	07/15/2015	14,840.11
781	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763438	L021C-1 MP 35.52 CASING REMEDIATION	31118733	L021C-1 MP 35.52 CASING REMEDIATION	10/08/2015	641,794.52
782	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763467	LINE 0109-01 MP 1.39	31111061	LINE 0109-01 MP 1.39 CASING REMOVAL	07/19/2016	1,086,686.20
783	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763475	LINE 0604-03 MP 0.36	31111238	LINE 0604-03 MP 0.36 CASING REMOVAL	08/10/2015	682,729.51
784	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763478	LINE 0617-06 MP 0.73	31123019	LINE 0617-06 MP 0.73 CASING REMEDIATION	07/31/2015	510,576.33
785	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763480	LINE 0821-02 MP 2.85	31113725	LINE 0821-02 MP 3.85 CASING REMEDIATION	07/19/2016	264,900.64
786	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763482	LINE 101 MP 3.12	31112585	LINE 101 MP 3.12 CASING REMEDIATION	02/08/2017	1,284,127.03
787	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763491	LINE 103 MP 26.79	31112593	LINE 103 MP 26.79 CASING REMOVAL	04/12/2016	509,205.71
788	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763492	LINE 105A MP 39.94	31113506	LINE 105A MP 39.94 CASING REMEDIATION	09/14/2016	1,973,350.74
789	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763493	LINE 105A MP 42.0585	31130850	LINE 105A MP 42.0585 CASING REMEDIATION	07/19/2016	224,248.57

Amounts highlighted have been adjusted to tie to Program Cap. (Amounts in excess of CAP have been removed)

Attachment D (1)

Ln	Chapter	Program	MAT	MAT Description	Master Funding ID	Planning Order	Planning Order Description	Order	Order Description	Operative Date	Shareholder Funded
790	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763496	LINE 105N MP 9.04	3111592	LINE 105N MP 9.04 CASING REMEDIATION	11/13/2015	613,709.65
791	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763497	LINE 108 MP 19.10 CASING REMEDIATION	31113511	LINE 108 MP 19.10 CASING REMEDIATION	04/12/2016	607,017.68
792	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763498	LINE 108 MP 47.06	31107411	LINE 108 MP 47.06, CASING REMOVAL	06/29/2015	210,808.31
793	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763503	LINE 111A MP 15.81	31122689	LINE 111A MP 15.81 CASING REMOVAL	04/12/2016	123,568.46
794	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763504	LINE 111A MP 16.02	31122683	LINE 111A MP 16.02 CASING REMOVAL	04/12/2016	137,971.67
795	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763508	LINE 1202-06 MP 3.15	31113721	LINE 1202-06 MP 3.15 CASING REMEDIATION	04/12/2016	459,260.96
796	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763509	LINE 1202-14 MP 0.02	31128225	LINE 1202-14 MP 0.02 CASING REMOVAL	04/12/2016	356,516.61
797	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763510	LINE 1202-16 MP 2.59	31113508	LINE 1202-16 MP 2.59 CASING REMEDIATION	04/12/2016	783,337.53
798	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763511	LINE 1205-02 MP 0.29	31112594	LINE 1205-02 MP 0.29 CASING REMEDIATION	09/24/2015	269,863.20
799	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763513	LINE 121 MP 1.59	31111063	LINE 121 MP 1.59 CASING REMOVAL	07/31/2015	192,324.82
800	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5762519	LINE 134A MP 19.58	31107410	LINE 134A MP 19.58 CASING REMOVAL	04/12/2016	9,025.34
801	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763520	LINE 134A MP 26.81	31112463	LINE 134A MP 26.81 CASING REMEDIATION	04/12/2016	534,664.81
802	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763522	LINE 138C MP 49.6	31120214	LINE 138C MP 49.6 CASING REMEDIATION	09/24/2015	576,608.21
803	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763526	LINE 153 MP 26.13	31109120	LINE 153 MP 26.13 CASING REMOVAL	04/12/2016	491,490.26
804	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763528	LINE 153MP 2.26	3111582	LINE 153MP 2.26 CASING REMEDIATION	04/12/2016	542,854.48
805	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763533	LINE 1805-01 MP 0.31	31113518	LINE 1805-01 MP 0.31 CASING REMEDIATION	09/24/2015	495,970.86
806	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763534	LINE 186 MP 8.15	31112467	LINE 186 MP 8.15 CASING REMEDIATION	04/12/2016	216,959.19
807	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763536	LINE 191-1 MP 34.27	31107412	LINE 191-1 MP 34.27 CASING REMOVAL	09/24/2015	127,859.54
808	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763537	LINE 2405-01 MP 0.34	31111365	LINE 2405-01 MP 0.34 CASING REMEDIATION	04/12/2016	271,157.80
809	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763538	LINE 3006-01 MP 5.7	31109121	LINE 3006-01 MP 5.7 CASING REMOVAL	06/29/2015	464,055.88
810	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763539	LINE 3015-01 MP 0.94	31132728	LINE 3015-01 MP 0.94 CASING REMOVAL	06/29/2015	703,837.89
811	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763542	LINE 6625-01 MP 58	31111062	LINE 6625-01 MP 58 CASING REMEDIATION	07/19/2016	713,486.81
812	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763544	LINE 7223-01 MP 6.01	31111585	LINE 7223-01 MP 6.01 CASING REMEDIATION	08/26/2016	819,359.53
813	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763545	LINE 7224-01 MP 1.58	31111586	DFM 7224-01 MP 1.58 CASING REMEDIATION	04/12/2016	154,255.64
814	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763548	LINE GCLUST5760 (DETAILS TBD)	31104748	LINE GCLUST5760 MP 1.16 CASING REMEDIATIO	09/14/2016	453,981.91
815	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763549	LINE GCLUST5896	31106013	*SLOC* LINE GCLUST5896 MP 0.04 CASING REME	04/12/2016	197,888.34
816	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763550	LINE X6460 MP 18.07	31111589	LINE X6460 MP 18.07 CASING REMOVAL	09/30/2015	3,130,667.86
817	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763555	RT-092 L177A_MP 94.56_CASING REMEDIATION	31074567	GT-092 L177A_MP 94.56_CASING REMEDIATION	10/14/2014	30,594.15
818	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763558	TEST CASING	31152545	LINE 197A MP 35.46 CASING REMOVAL	07/19/2016	362,627.30
819	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5763751	LINE DREG4034 MP 0.0108 CASING REMOVAL	31138805	LINE DREG4034 MP 0.0108 CASING REMOVAL	06/29/2015	588,312.13
820	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5764628	LINE 105A MP 40.4 CASING REMOVAL	31142926	LINE 105A MP 40.4 CASING REMOVAL	07/31/2015	691,632.25
821	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5765270	LINE X6460 MP 17.67 CASING REMOVAL	31171679	LINE X6460 MP 17.67 CASING REMOVAL	07/19/2016	587,484.30
822	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5766553	L-202 MP 18.19 CASING REMOVAL	31145031	L-202 MP 18.19 CASING REMOVAL	09/24/2015	700,924.44
823	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5768279	LINE 210B MP 10.556	31212781	LINE 210B MP 10.556	11/02/2016	2,017,634.69
824	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5777588	EC17-116 Casing Removal	74015147	EC17-116 CASING REMOVAL	04/27/2018	17,382.66
825	7	Casings	3K5	Casing Mitigation	Gas Trans & Storage	5777589	EC17-116 Casing Remediation	74015148	EC17-116 CASING REMEDIATION	04/27/2018	39,863.23
Less: Casings Disallowance (19% of Capital Expenditures)											(9,092,961.24)
827	7	Internal Corrosion	3KA	Atmospheric Corrosion	Gas Trans & Storage	5766564	Atmospheric Corrosion Spans >100 Feet	31187878	L111A-1 MP3.8 TO MP3.84 REPAINT SPAN	06/06/2016	7,612.63
828	7	Internal Corrosion	3KA	Atmospheric Corrosion	Gas Trans & Storage	5766564	Atmospheric Corrosion Spans >100 Feet	31188483	L401 MP 396.84 TO 396.88 REPAINT SPAN	06/19/2017	643,903.32
											669,227,544.68

(1) Attachment D reflects the latest order pull as of December 31, 2018. Because of order re-alignments and MAT Code changes, the penalty fulfillment dates shifted for the following programs: a) Hydrotest - LNG/CNG Cost (from 06/2017 to 08/2017), b) Routine Capital Spending - M&C (from 12/2017 to 10/2017), and c) CP Systems - Replace (from 07/2017 to 05/2017). Table 4's penalty fulfillment date still shows what was previously reported in 2017's report for those 3 programs.

**SHAREHOLDER FUNDED REPORT
ATTACHMENT E**



Pacific Gas and Electric Company
Major Work Activity and Maintenance Activity Type
Attachment E

Line	Expense Program	Major Work Category	Maintenance Activity Type
1	Hydrostatic Testing	HP - CGT Balancing Accounts (Transmission Integrity Mgmt Program) JT - T Reliability & General Maint	HPF - Hydrostatic Testing - IM JTC - Hydrostatic Tstng D.11-06-017
2	Casings	GJ - Gas Transmission Mitigate Corr	GJM - Casings
3	Expense Projects	GF - Gas Trans & Dist Sys Mapping JT - GT Reliability & General Maint	GFP - Production Mapping Trans JTB - Pipeline Repair JTD - Pipeline Other JTK - Vegetation Manage Project JTO - Encroachments

Pacific Gas and Electric Company
Major Work Category and Maintenance Activity Type
Attachment E

Line	Capital Program	Major Work Category	Maintenance Activity Type
1	ILI - Traditional	98 - GT Integrity Management	98C - ILI Upgrades 98B - ILI Upgrade Valves (No Longer Used) 98D - Long Term Integrity Mngmt Plan (No Longer Used) 98C - ILI Upgrades
2	ILI - Non-Traditional	98 - GT Integrity Management	
3			
4	Hydrostatic Testing	75 - GT Pipeline Reliability	75N - Hydrostatic Testing 73D - LNG / CNG 75R - Pipe Rplcmnt In-Lieu of Hydro
5			
6			
7	Earthquake Fault Crossings	75 - GT Pipeline Reliability	75L - Fault Crossings
8	Vintage Pipe Replacement	75 - GT Pipeline Reliability	75E - Vintage Pipe Replacement 75P - ILI Capital Repair (Non-BA) 75Q - Pipe Replacement (IM) 75S - Direct Assessment 75J - Geo-Hazard Mitigations
9	Geo-hazard Threat Identification	75 - GT Pipeline Reliability	75I - Valve Automation
10	Valve Automation	75 - GT Pipeline Reliability	75D - Valve Program
11	Inoperable & Hard to Operate Valves	75 - GT Pipeline Reliability	
12			
13	Class Location Program	75 - GT Pipeline Reliability	75H - Pipe Replacement Class Loctr
14	Water and Levee Crossing	75 - GT Pipeline Reliability	75K - Water and Levee Crossings
15	Shallow Pipe Program	75 - GT Pipeline Reliability	75M - Shallow Pipe 75T - Exposed Pipe
16			
17	Gas Transmission SCADA Visibility	76 - GT Station Reliability	76M - GT SCADA Visibility
18	Routine Capital Spending - M&C	75 - GT Pipeline Reliability	75C - Routine Spend M&C - Capital
19			
20	CP Systems - Replace	3K - Gas Trans Remediate Corrosion	3K7 - Cathodic Protection-Replacement
21	CP Systems - New	3K - Gas Trans Remediate Corrosion	3K6 - Cathodic Protection-New
22	Coupon Test Stations	3K - Gas Trans Remediate Corrosion	3K8 - Test Station Installation
23	AC Interference Mitigation	3K - Gas Trans Remediate Corrosion	3K4 - Electrical Interference - AC 3K2 - AC Interf Fault Mitig-Towers (No Longer Used) 3K3 - AC Inter Fault Mitig-Wood Pole (No Longer Used)
24	DC Interference Mitigation	3K - Gas Trans Remediate Corrosion	3K9 - Electrical Interference - DC
25	Casings	3K - Gas Trans Remediate Corrosion	3K5 - Casing Mitigation
26	Internal Corrosion	3K - Gas Trans Remediate Corrosion	3K1 - Internal Corrosion
28			3KA - Atmospheric Corrosion
30	Program Management Office		
31	Capacity	73 - GT Pipeline Capacity	73C - Capacity to Support NOP Reductions

**PG&E Gas and Electric
Advice Filing List
General Order 96-B, Section IV**

AT&T	Downey & Brand	Pioneer Community Energy
Albion Power Company	East Bay Community Energy	Praxair
Alcantar & Kahl LLP	Ellison Schneider & Harris LLP	Regulatory & Cogeneration Service, Inc.
	Energy Management Service	SCD Energy Solutions
Alta Power Group, LLC	Evaluation + Strategy for Social	
Anderson & Poole	Innovation	SCE
	GenOn Energy, Inc.	SDG&E and SoCalGas
Atlas ReFuel	Goodin, MacBride, Squeri, Schlotz &	
BART	Ritchie	SPURR
	Green Charge Networks	San Francisco Water Power and Sewer
Barkovich & Yap, Inc.	Green Power Institute	Seattle City Light
P.C. CalCom Solar	Hanna & Morton	Sempra Utilities
California Cotton Ginners & Growers Assn	ICF	Southern California Edison Company
California Energy Commission	International Power Technology	Southern California Gas Company
California Public Utilities Commission	Intestate Gas Services, Inc.	Spark Energy
California State Association of Counties	Kelly Group	Sun Light & Power
Calpine	Ken Bohn Consulting	Sunshine Design
	Keyes & Fox LLP	Tecogen, Inc.
Cameron-Daniel, P.C.	Leviton Manufacturing Co., Inc.	TerraVerde Renewable Partners
Casner, Steve	Linde	Tiger Natural Gas, Inc.
Cenergy Power	Los Angeles County Integrated Waste	
Center for Biological Diversity	Management Task Force	TransCanada
City of Palo Alto	Los Angeles Dept of Water & Power	Troutman Sanders LLP
	MRW & Associates	Utility Cost Management
City of San Jose	Manatt Phelps Phillips	Utility Power Solutions
Clean Power Research	Marin Energy Authority	Utility Specialists
Coast Economic Consulting	McKenzie & Associates	
Commercial Energy	Modesto Irrigation District	Verizon
County of Tehama - Department of Public	Morgan Stanley	Water and Energy Consulting
Works	NLine Energy, Inc.	Wellhead Electric Company
Crossborder Energy	NRG Solar	Western Manufactured Housing
Crown Road Energy, LLC		Communities Association (WMA)
Davis Wright Tremaine LLP		Yep Energy
Day Carter Murphy	Office of Ratepayer Advocates	
	OnGrid Solar	
Dept of General Services	Pacific Gas and Electric Company	
Don Pickett & Associates, Inc.		
Douglass & Liddell		