



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

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Application of West Coast Gas Company to Revise its
Gas Rates and Tariffs (U910G)

Application No.
A1205006

**GENERAL RATE CASE
APPLICATION OF WEST COAST GAS COMPANY**

WEST COAST GAS COMPANY
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Dated: May 3, 2012

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

Application of West Coast Gas Company to Revise its
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Application No.

**GENERAL RATE CASE
APPLICATION OF WEST COAST GAS COMPANY**

West Coast Gas Company (WCG) respectfully submits this application for an increase in its gas base rates. By this 2013 test year General Rate Case (GRC) Application, WCG asks the California Public Utilities Commission (Commission) for authority to increase revenue requirements associated with utility functions that WCG must perform to provide safe and reliable gas service to its customers at reasonable rates.

The proposed revenue requirements related to gas service will increase the distribution component of WCG's overall gas rates and will increase a typical residential customer's total gas bill by 7.81% or \$3.43 per month.

I. STATEMENT OF RELIEF AND AUTHORITY SOUGHT.

WCG seeks to revise its authorized revenue requirements, to be effective no later than January 1, 2013, to recover the reasonable costs WCG will incur in 2013 to own and operate the facilities that distribute gas to its approximately 1,500 residential and commercial customers. WCG proposes test year increase in revenue of \$146,806. This amount represents an increase of 7.81% over the rates currently authorized by the Commission.

The rate relief sought in this Application does not include any revenue requirements associated with gas procurement, gas transportation or Public Purpose Programs. The rate relief sought in this Application only includes the costs of owning, operating and managing the gas distribution systems at Mather and Castle.

II. PROCEDURAL BACKGROUND.

WCG was granted an overall 9.4% rate increase by Commission Decision No. 08-11-010 on November 6, 2008. Decision No. 08-11-010 stated that WCG's next GRC filing should be based upon a 2013 test-year showing. This Application is made in compliance with Decision No. 08-11-010.

III. SUMMARY OF KEY PROPOSALS IN THIS APPLICATION.

In this application, WCG proposes to make certain changes to its Jurisdictional rates and tariffs and specifically requests authority:

1. Revenue Requirements:

To increase Base Rates (total rates less procurement rates, Public Purpose Program rates and costs and franchise fees and uncollectible accounts) to produce an annual increase in total revenue of \$146,806.

2. Rate Design:

To increase rates (monthly customer charges and distribution rates) to each customer and customer class (on an equal percentage basis) by 7.81%.

3. Procedural Matters:

To make the requested rate changes set forth in this application effective as of January 1, 2013.

IV. INFORMATION REQUIRED BY THE COMMISSION'S RULES OF PRACTICE AND PROCEDURE

A. Rule 2.1(A) Information Regarding Applicant

West Coast Gas Company is an operating public utility corporation, organized under California law. It is engaged principally in the business of furnishing gas services at Mather and Castle California. Its address is 9203 Beatty Drive, Sacramento, California 95826. Its telephone number is (916) 364-4100.

Communications regarding this Application should be addressed to Raymond J. Czahar at the above mailing address and telephone number.

B. Rule 2.1(B) Correspondence and Communication

All communications, correspondence and pleadings with respect to this Application should be directed to:

James D. Squeri
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505 Sansome Street, Suite 900
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and

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WEST COAST GAS COMPANY
9203 Beatty Drive
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- C. This Application is made pursuant to Sections 701 and 702 of the Public Utilities Code of the State of California, the Commission's Rules of Practice and Procedure and prior decisions, orders and resolutions of the Commission.
- D. WCG's balance sheet, as of December 31, 2011, and income statement and cash flow statement for the year 2011 are contained in Exhibit A.
- E. WCG's present and proposed rates and the changes in rates proposed in this Application are contained in Exhibit B.
- F. In compliance with Rule 3.2(b-d) of the Commission's Rules of Practice and Procedure, WCG will promptly, on receipt of an Application number, send notices, which generally state the proposed revenues, rate changes, and ratemaking mechanisms requested in this Application, to the parties listed in Exhibit C. In addition, WCG will include notices with regular bills mailed to all customers affected by the proposed changes in rates.

V. ACCOMPANYING EXHIBITS AND APPENDICES

WCG's financial statements (Exhibit A), its present and proposed rates (Exhibit B) and supporting Prepared Testimony (Exhibit C), accompany this filing and are incorporated herein by reference.

VI. RULE 6 REQUIREMENTS

WCG submits the following information in compliance with Commission Rule 6(a)(1):

A. PROPOSED CATEGORY

Since this application will ultimately have an effect on WCG's gas revenue requirements and rates. Therefore, the application should be categorized as rate setting.

B. NEED FOR HEARING

WCG does not know if there will be a need for hearings. However, in the event that hearings are required, they should be scheduled as soon as possible.

C. ISSUES TO BE CONSIDERED

1. Should WCG be authorized to implement the rates changes proposed in this application?
2. Should WCG be authorized to file a general rate case filing after April 1, 2016 using a 2017 test year?
3. Should WCG be authorized to file attrition year filings in 2014, 2015 and 2016?
4. Should WCG be authorized to increase its allowance for uncollectible accounts.

D. PROPOSED SCHEDULE

As stated above, WCG does not know if any affected party will protest and therefore if a hearing is needed. If a hearing is needed, WCG will leave scheduling to the discretion of the Commission.

VII. CONCLUSION

WCG is now ready to proceed with its showing in support of this Application. WHEREFORE, West Coast Gas Company respectfully requests the Commission to issue appropriate orders:

1. Authorizing rates that will increase annual utility revenue by \$146,806.
2. Approve the rate design proposed by WCG in this Application.
3. Authorized WCG to file Attrition Year Adjustment filings for the years 2014, 2015 and 2016.

4. Allow WCG to increase its allowance for uncollectible accounts.
5. Authorize WCG to file a general rate case application after April, 2016 for a test year 2017.

Respectfully submitted this 3rd day of May, 2012 at San Francisco, California.

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By /s/ James D. Squeri

James D. Squeri
Attorneys for West Coast Gas Company

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By /s/ Raymond J. Czahar /JDS

Raymond J. Czahar

VERIFICATION

I, the undersigned say:

I am an officer of West Coast Gas Company, a corporation, and am authorized to make this verification for and on behalf of said corporation, and I make this verification for that reason. I have read the foregoing Application and I am informed and believe the matters therein are true and on that ground I allege that the matters stated therein are true.

I declare under penalty of perjury that the foregoing is true and correct.

Executed at Sacramento, California on this 3rd day of May, 2012.

/s/ Raymond J. Czahar

Raymond J. Czahar

EXHIBIT A
FINANCIAL STATEMENTS

EXHIBIT B
CURRENT AND PROPOSED RATES

West Coast Gas Company, Inc.						
Current and Proposed Rates						
	Residential		Mather -Schedule 2		Mather -Schedule 3	
	Current Rates		Current Rates		Current Rates	
Monthly Customer						
Charge:	\$ 3.47		\$ 18.53		\$ 18.53	
<u>Volumetric Charges</u>	<u>Baseline</u>	<u>Excess</u>	<u>Summer</u>	<u>Winter</u>	<u>Summer</u>	<u>Winter</u>
Procurement - \$/Therm	\$ 0.58689	\$ 0.58689	\$ 0.58689	\$ 0.58689	\$ 0.58689	\$ 0.58689
Distribution - \$/Therm	<u>0.42754</u>	<u>0.66551</u>	<u>0.76194</u>	<u>0.76194</u>	<u>0.41374</u>	<u>0.55030</u>
Total Volumetric Rate	\$ 1.01443	\$ 1.25240	\$ 1.34883	\$ 1.34883	\$ 1.00063	\$ 1.13719
	Proposed Rates		Proposed Rates		Proposed Rates	
Monthly Customer						
Charge:	\$ 3.74		\$ 19.98		\$ 19.98	
<u>Volumetric Charges</u>	<u>Baseline</u>	<u>Excess</u>	<u>Summer</u>	<u>Winter</u>	<u>Summer</u>	<u>Winter</u>
Procurement - \$/Therm	\$ 0.58689	\$ 0.58689	\$ 0.58689	\$ 0.58689	\$ 0.58689	\$ 0.58689
Distribution - \$/Therm	<u>0.50681</u>	<u>0.76337</u>	<u>0.86733</u>	<u>0.86733</u>	<u>0.49193</u>	<u>0.63916</u>
Total Volumetric Rate	\$ 1.09369	\$ 1.35026	\$ 1.45422	\$ 1.45422	\$ 1.07882	\$ 1.22605
	Castle -Schedule C-1		Castle -Schedule C-2		Castle -Schedule C-3	
	Current Rates		Current Rates		Current Rates	
Monthly Customer						
Charge:	\$ 18.53		\$ 18.53		\$ 138.96	
<u>Volumetric Charges</u>	<u>Summer</u>	<u>Winter</u>	<u>Summer</u>	<u>Winter</u>	<u>Summer</u>	<u>Winter</u>
Procurement - \$/Therm	\$ 0.58689	\$ 0.58689	\$ 0.58689	\$ 0.58689	\$ 0.58689	\$ 0.58689
Distribution - \$/Therm	<u>0.45905</u>	<u>0.58758</u>	<u>0.27780</u>	<u>0.35335</u>	<u>0.23411</u>	<u>0.29731</u>
Total Volumetric Rate	\$ 1.04594	\$ 1.17447	\$ 0.86469	\$ 0.94024	\$ 0.82100	\$ 0.88420
	Proposed Rates		Proposed Rates		Proposed Rates	
Monthly Customer						
Charge:	\$ 19.98		\$ 19.98		\$ 149.82	
<u>Volumetric Charges</u>	<u>Summer</u>	<u>Winter</u>	<u>Summer</u>	<u>Winter</u>	<u>Summer</u>	<u>Winter</u>
Procurement - \$/Therm	\$ 0.58689	\$ 0.58689	\$ 0.58689	\$ 0.58689	\$ 0.58689	\$ 0.58689
Distribution - \$/Therm	<u>0.54078</u>	<u>0.67935</u>	<u>0.34536</u>	<u>0.42682</u>	<u>0.29826</u>	<u>0.36640</u>
Total Volumetric Rate	\$ 1.12767	\$ 1.26624	\$ 0.93225	\$ 1.01371	\$ 0.88515	\$ 0.95329

EXHIBIT C
SUPPORTING TESTIMONY

Application No: _____
Exhibit C
ALJ _____

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

Prepared Direct Testimony of
Raymond J. Czahar, CPA

On Behalf of
West Coast Gas Company

May 1 2012

PREPARED DIRECT TESTIMONY
OF
RAYMOND J. CZAHAR, CPA
ON BEHALF of WEST COAST GAS COMPANY

Introduction

Q1. Please state your name and business address.

A1. My name is Raymond J. Czahar. My business address is 9203 Beatty Drive, Sacramento, CA 95826.

Q2. By whom and in what capacity are you employed?

A2. I am employed by West Coast Gas Company (WCG) as its Chief Financial Officer.

Q3. On whose behalf are you appearing here today?

A3. I am appearing on behalf of WCG.

Rate Increase Request and Other Issues.

Q4. What is the purpose of your testimony?

A4. WCG is requesting that its bundled gas rates be increased by 7.81% or \$146,805.81 based on a 2013 test year that will produce an 8.20% return on its 2013 CPUC jurisdictional rate base. WCG is requesting the

Commission increase the allowance of uncollectible accounts. In addition, WCG is requesting that the Commission allow the Company to file “attrition year” adjustments, via advice letter filings, to the rates established for the test year 2013, for the attrition years 2014 and 2015, and 2016. Finally, WCG is requesting that the Commission allow it to file a new general rate case in April, 2016, using a 2017 test year.

I am WCG’s only witness in this proceeding and therefore I am responsible for all the information and data presented in the Application. Exhibit 1, attached to this testimony, contains, the supporting workpapers (an excel Workbook containing 25 worksheets). All the information, data and calculations contained in Exhibit 1 were prepared by me or under my direction.

Compliance with Prior General Rate Case Decisions

Q5. Has WCG previously sought an increase in its non-procurement base rates?

A5. Yes. WCG was granted an overall rate increase of 9.49% in Decision No. 08-11-010 issued on November 6, 2008, based on a 2009 test year. Decision No. 08-11-010 required WCG to make to eliminate plant held for future use from its rate base WCG has complied with all the requirements of Decision No. 08-11-011.

Description of WCG's Gas Distribution Operations

Q6. Please provide a brief description of WCG gas distribution operations.

A6. As stated above, WCG began gas distribution operations at Mather, which is located in Sacramento County, April 1997. Operations began at Castle, which is located in Merced County, in 1998.

WCG's Mather service territory contains approximately 80 commercial customers and nearly 1,300 residential customers. There are two separate gas distribution systems at Mather. One system serves the industrial area and the other system serves the housing area which contains 1,300 residential gas customers. Gas sales at Mather totaled approximately 1 million therms for the recorded calendar year 2011. At the date WCG began operation at Mather there were about 30 commercial customers and gas sales were 200,000 therms per year. There were no residential gas customers. Lost or unaccounted for gas exceeded 30% of the total gas delivered to Mather.

In 1998 the abandoned military housing at Mather was demolished and construction began on 1,271 new single-family homes. Most of the new residences were completed and occupied between 2002 and 2004.

WCG has installed new mains, services and meters in the industrial area of Mather and replaced major portions of the distribution mains, installed

more than 20 main-line valves and replaced every service line, riser, regulator and meter in the housing area. In addition, WCG has constructed a new regulation station, metering station at the point on interconnection with PG&E in the housing area and installed a new modern cathodic protection in both the housing and commercial areas of Mather. As a result of WCG efforts and investments, the gas distribution system at Mather has been modernized and made safe and reliable.

At Castle, WCG has made similar investments in mains, meters and regulators and installed a new modern cathodic protection system.

The total gas load at Castle has increased from 175,000 therms per year in 1998 to 640,000 for the recorded year 2011.

Q7. Does WCG have any other gas distribution operations?

A7. Yes. WCG has installed a metering and regulation station and a 3.5 mile distribution main to serve a single customer, the Federal Prison at Herlong California in Lassen County. All of WCG facilities at Herlong are located within the boundary of a Federal enclave, the Seirra Army Depot.

Test Year Cost of Service Summary

Q8. Have you prepared a cost-of-service study?

- A8. Yes. Sheet 1 of Exhibit 1 contains the results of my analysis of WCG's CPUC jurisdictional results of operations (RO) for the 2013 test-year at current and proposed rates. Operating revenues and expenses exclude procurement costs, franchise fees and uncollectible accounts as well as Public Purpose Program costs.
- Q9. What are the expected results-of-operation for the forecasted test-year 2013 at current rates?
- A9. The forecasted results of operation for the test year show that at current rates WCG will not earn a return on rate base. In fact, the expected return on rate base will be a slight negative 0.9% (Sheet 1 page 2 of 2 Column M). Therefore, base rate revenue, at current rates, will be sufficient to cover WCG test year operating expenses but they are not sufficient to produce a return on the capital invested in its CPUC jurisdictional gas distribution operations.
- Q10. Briefly describe the method used to determine the 2013 test-year results of operations (RO).
- A10. In general, the basis for test-year revenue, expenses and average rate base is the recorded year 2011 adjusted for known changes (Sheet 1, Page 1 of 1, Column D). The adjusted recorded year 2011, at current rates, is then used to forecast the RO for the year 2012 (2008 Pro Forma). Recorded and adjusted 2011 operating expenses were escalated at 1.75% to produce the 2012 Pro Forma RO (Sheet 1, Page 1 Column G).

The RO for 2012 is adjusted in order to allocate certain common expenses and a portion of rate base to non-jurisdictional operations (Sheet 1, Page 1 Column L). The adjusted 2012 operating expenses were escalated at 2.00% to produce 2013 test year RO (Sheet 1, Page 1 Column M) at current rates.

Q11. How is the remainder of your testimony organized?

A11. The remainder of my testimony deals primarily with the development of the 2013 test year RO as follows:

Sales and Revenue

Operating Expense

Rate Base

Results of Operations at Current Rates

Cost of Capital and Return on Common Equity

Results of Operations at Proposed Rates

Proposed Rate Design

Un-collectables

Attrition Year Filings

My testimony also addresses rate setting for the years following the 2013 test year, commonly called the attrition years. WCG has requested that it be allowed to file its next general rate case in April, 2016 for a 2017 future test year. This would place WCG in a four year ratemaking cycle.

WCG is requesting that it be allowed to make attrition year filings for the attrition years 2014, 2015 and 2016.

Sales and Revenues

Q12. What is the basis for the therm sales forecast used in preparing the 2013 test year RO?

A12. The 2013 therm sales forecast is the average annual recorded therm sales for years 2008 through 2011. Sheet 3 of the workpapers contains the recorded and forecasted therm sales by rate schedule for the recorded years 2008 through 2011 and the forecasted years 2012 and 2013.

Q13. How do the therm sales forecast used in the 2013 test year forecast compare with the therm sales used in the 2009 test year forecast?

A13. Actual therm sales and revenue have been far below the estimate used in the 2009 test year.

Operating Expenses

Q14. Please briefly explain your overall approach to forecasting test year operating expenses.

A14. Our development of test year 2013 operating expenses, excluding capital related operating expenses such as depreciation expense, property taxes and income taxes, begins with the recorded year 2011 (Sheet 1, column A of Exhibit 1). Certain adjustments are made to the recorded 2011 results

in order to eliminate franchise fees, uncollectibles and income taxes paid and to normalize 2011 expenses for known changes.

The next step is to make adjustments to the normalized 2011 expenses to incorporate changes expected in the pro forma year 2012 (Column F of Sheet 1 of Exhibit 1). For example, the normalized 2011 operating expenses are escalated at 1.75%. These 2012 adjustments are added to the normalized 2011 results to produce the 2012 pro forma (Column G). Further adjustments are then made to the 2012 pro forma. 2012 Operating Expenses are escalated a 2.00% and certain operating expenses and a portion of the common plant are allocated between CPUC jurisdictional and non-jurisdictional operations (Sheet 1, Exhibit 1, Column L). The result is CPUC jurisdictional 2013 test year RO at current rates (Sheet 1, Exhibit 1 Column M).

Q15. Explain the reasons for allocating certain operating expenses to non-jurisdiction operations as shown in Column K of the RO on Sheet 1 of Exhibit 1.

A15. WCG charges all direct labor and direct non-labor costs to its non-jurisdictional operations. However, certain costs such as supervisory labor, billing and accounting and general plant expenses are common costs. Allocation factors are used to allocate these common costs to non-

jurisdictional operations. The allocation factors, along with billing determinants are contained in Sheet 14 of Exhibit 1.

Q16. What is your source for the 2012 1.75% and the 2013 2.00% escalation rates used in your study?

A16. The 1.75% value is that used in WCG's 2012 attrition year filing and the 2.00% assumption comes from a Value Line publication which is a publicly available source for forecasted economic data.

Rate Base

Q17. How was the test year rate base calculated?

A17. Sheet 2 of Exhibit 1 contains a summary of the test year rate base and each component of rate base. Sheet 2 also shows the allocation of general plant and Contributions in Aid of Construction to non-jurisdictional operations. Test year gross plant and the accumulated reserve for depreciation were developed in Sheets 9 and 10 and summarized in Sheet 8. Test year 2013 jurisdictional average rate base is \$1,054,943.

Q18. Describe the process you used to determine the test year depreciation expense and the reserve for accumulated depreciation.

A18. Sheet 9 of the Workbook presents recorded plant additions for the years 2008 through 2011 and forecasted plant additions for the pro forma year 2012 and test year 2013. Annual depreciation on the existing and

forecasted plant additions for 2012 and 2013 is contained on Sheet 10 along with the accumulated reserve for depreciation. Recorded and normalized 2011 depreciation expense totaled \$108,375, 2012 depreciation expense is expected to total \$113,499 and test year depreciation expense is estimated at \$116,060 (Exhibit 1, Sheet 10).

Test Year Results of Operations at Current Rates

Q19. What is the forecasted CPUC jurisdictional test year 2013 net operating income and return on rate base at current rates?

A19. Test year base rate operating revenues will total \$931,555 (Sheet 1, page 1 of 2, Column M) and test year operating expenses total \$941,074 (Sheet 1, page 2 of 2, Column M) at current rates. Therefore, net operating income, at current rates, will be a negative \$9,519 (Sheet 1, page 2 of 2, Column M). The forecasted return on the test year rate base will be a negative 0.90%.

Cost of Capital

Q20. How was WCG's weighted average cost of capital determined?

A20. Sheet 17 of Exhibit 1 contains WCG's capital structure, embedded cost of long-term debt capital, and weighted average cost of capital based on a 10.00% return on common equity invested in CPUC jurisdictional operations. WCG has no debt capital. In WCG's last general rate case an imputed 30% debt capital assumption was agreed to in the settlement

agreement. WCG will continue to input a 30% debt capital ratio in calculating its weighted cost of capital. WCG's estimated allowance for common equity is 10.0%. Therefore, WCG's weighted cost of capital and required return on rate base is 8.20%.

Results of Operations at Proposed Rates

Q21. Given the test year 2013 RO, what level of rate increase is required to produce an 8.20% return on rate base?

A21. Sheet 20 contains the calculation of the test year return on rate base and common equity at current and proposed rates. The required base rate increase required to produce a 8.20% return on common equity is \$146,805.81.

Rate Design

Q22. How do you propose to allocate the test year rate increase among customer classes and rate schedules?

A22. We are proposing that the overall 7.81% increase in rates be allocated to all customers on an equal basis. That is, all customer charges and the per therm distribution charges would increase by 7.81%.

Q23. How much of the total increase in rates would be allocated to residential customers and how would the average monthly residential bill change under your rate design proposal?

A23. Sheet 23 in the Exhibit 1 shows the typical monthly residential gas bill under current and proposed rates. The average monthly residential bill would increase from \$43.84 to \$47.26 or \$3.43 per month. Approximately 34% or \$50,390 of the required annual increase would be borne by residential customers (Sheet 22).

Q24. Have you prepared any analysis that would justify the allocation of the rate increase among customer classes and rate schedules?

A24. Yes. I prepared an analysis based on the embedded-cost method. The embedded-cost method, which relies on historical accounting costs as opposed to marginal costs, is probably the most appropriate method to allocate costs directly to customer classes given the simplicity of the WCG's utility function (distribution only) and the fact that there are three physically separated and independent distribution systems (two at Mather and one at Castle). In addition, WCG maintains its Uniform System of Accounts accounting records with separate sub-accounts for distribution plant-in-service and associated book depreciation for Mather and Castle. This accounting practice facilitates the embedded-cost method. I have documented each step in the embedded cost allocation process, as well

as the billing determinants, cost allocation factors and work-order cost analysis, in the supporting workpapers.

Q25. What was the key result produced by your cost study?

A25. Sheet 18 of the Exhibit 1 shows the return on rate base by rate schedule at current rates. Every rate schedule, except for the residential rate schedule, shows a positive return. The negative return for the residential rate schedule and the magnitude of the pre-tax operating loss accounts for nearly all the revenue shortfall in the test-year. This result is not surprising given the fact that residential customers are served by a nearly new distribution system with only four or five years of book depreciation taken on assets with an average book life of 30 years and the relatively low gas usage per residence.

Based on these results, one could conclude that the majority of the proposed rate increase should be collected from residential customers.

Never the less, WCG proposes to allocate the rate increase on an equal percentage basis to all customers, resulting in about one-third of the proposed rate increase being assigned to residential customers.

Q26. Have you documented your rate design proposal, proposed rates and proof of revenue at the rates proposed?

A26. Yes, Sheet 25a of Exhibit 1, contains the proof of revenue at current rates and Sheet 26b contains proof of revenue at proposed rates. Each rate

schedule, showing each element of the rate structure and the revenue produced by each rate schedule, is contained in these Sheets along with test-year billing determinants that were developed in Sheet 14.

Franchise Fees and Un-collectibles

Q27. Describe the franchise fees that WCG is subject to and rate of uncollectible accounts.

A27. The only franchise fee that WCG billing is subject to is a 2.5% franchise fee paid to the County of Merced for all billings at its Castle operations. There are no franchise fees levied on billings at Mather. Sheet 25 shows that uncollectible accounts have averaged 0.2184% of total billing for the three year period 2009 through 2011. The current uncollectible accounts rate is 0.1160% Therefore, we request that the Commission allow an FF&U rate for Mather of .2184% and for Castle, the FF&U rate will be 2.7184%.

Attrition Years 2010 and 2011

Q28. Please explain your understanding of “attrition” in general and WCG’s proposal for attrition year adjustments.

A28. Attrition is the year-to-year decline in a utility’s earnings caused by increased costs that are not offset by increased rates or sales. In order to provide the utility with a reasonable opportunity to earn its authorized rate of return during years between general rate cases, the Commission has adopted attrition rate adjustments. The Commission’s traditional attrition

mechanism, the ARA, provides for an advice letter filing just prior to the start of the attrition year. WCG requests that the Commission authorize implementation of a post test year ratemaking mechanism for the attrition years 2014, 2015 and 2016. We propose that the same mechanism that was agreed in WCG last GRC be continued in the future.

Q29. Does this conclude you prepared testimony?

A29. Yes.

EXHIBIT 1

WORK PAPERS

2464/001/X140256.v1

Application No:

Exhibit : 1

West Coast Gas Company, Inc.

General Rate Case

2013 Test Year

Work Papers

File: 2013 COS 04.17.12.xls

West Coast Gas Company, Inc.

Test Year 2013
Index to Workpapers

Sheet	Description
1	Test-Year Results of Operations
2	Test-Year Rate Base
3	Test-Year Revenue at Current Rates
4	Test-Year Labor Expense
5	Employee Benefits
6	Test-Year Non-Labor Expense
7	Description of Major Non-Labor Expense by FERC Account
8	Test-Year Gross Plant in Service and Accumulated Reserve for Depreciation
9	Detail of Gross Plant - Additions and Year-End Balances
10	Detail of Depreciation Expense and Accumulated Reserve for Depreciation
11	Allocated Net Plant In Service, Mather-Castle
12	Allocation of Net Depreciated Test-Year Distribution Plant to Rate Schedules
13	Allocation of Net Depreciated Test-Year General Plant to Rate Schedules
14	Billing Determinants and Allocation Factors
15	Recorded O&M Labor Hours
16	Test-Year Property Tax Expense and Allocation to Rate Schedules

West Coast Gas Company, Inc.

Test Year 2013
Index to Workpapers

Sheet	Description
17	Weighted Cost of Capital
18	Results of Operations at Current Rates and Return on Rate Base by Rate Schedule
19	Allocation of Test-Year Depreciation Expense and Rate Base to Rate Schedules
20	Results of Operations - Calculation of Revenue Increase Required
21	Weighted Average Procurement Cost
22	Calculation of Revenue Requirement Increase - Mather and Castle
23	Calculation of the Rate Impact on Residential Customers
24	Calculation of Net Plant in Service - Residential Customers
25	Uncollectable Accounts
26a	WCG - Rate Design Model: and Proof of Revenue
26b	WCG's Rate Design Model is Contained in a Separate Excel Program. This Program Calculates Rate Schedules , Average Monthly Bills, Changes in Gross Revenue by Rate Schedule and Total Annual Revenue.

West Coast Gas Company, Inc.
Test Year 2013
Results of Operations

Ferc Acct. No.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Results of Operations Year Ending December 31, 2011	Adjustments to Results of Operations Year Ending December 31, 2011	Adj. Ref.	Results of Operations Audited 2011 at Current Rates	Adj. Ref.	Forecasted Changes in Revenue and Expense 2012	Results of Operations 2012 Pro-Forma at Current Rates	Adj. Ref.	Forecasted Changes in Revenue and Expense 2013	Results of Operations 2013 Test Year at Current Rates	Alloc. Factor	Allocation of Expenses to Non-Jurisdictional Operations	Results of Operations 2013 Test Year at Current Rates Jurisdictional	Proposed Rate Change	Results of Operations 2013 Test Year at Proposed Rates
Base Rate Revenue															
480 Residential Sales of Gas	\$ 323,953.21	\$ -		\$ 323,953.21	Tab 3	\$ -	\$ 323,953.21	Tab 3	\$ (3,665.18)	\$ 320,288.03			\$ 320,288.03	\$ 50,390.39	\$ 370,678.42
481 Commercial and Industrial Sales of Gas:															
Mather	320,031.90	-		320,031.90	Tab 3	-	320,031.90	Tab 3	20,952.57	340,984.47			340,984.47	46,197.36	387,181.84
Castle	255,325.89	-		255,325.89	Tab 3	-	255,325.89	Tab 3	5,073.29	260,399.18			260,399.18	50,218.05	310,617.23
495 Other Gas Revenues	7,366.49	-		7,366.49		-	7,366.49	Tab 3	2,516.83	9,883.32			9,883.32	-	9,883.32
Total Base Rate Operating Revenue	\$ 906,677.49	\$ -		\$ 906,677.49		\$ -	\$ 906,677.49		\$ 24,877.51	\$ 931,555.00			\$ 931,555.00	\$ 146,805.81	\$ 1,078,360.81
401 Operations Expense - Distribution															
760 Supervision	\$ 174,939.47	\$ (10,076.04)	Note 2	\$ 164,863.43	Note 8	\$ 2,885.11	\$ 167,748.54	Note 8	\$ 3,354.97	\$ 171,103.51	5	\$ 14,640.56	\$ 156,462.96		\$ 156,462.96
761 Mains and Services Labor	6,516.61	-		6,516.61	Note 8	114.04	6,630.65	Note 8	132.61	6,763.26	3	145.04	6,618.23		6,618.23
762 Mains and Services Supply	10,564.51	-		10,564.51	Note 8	184.88	10,749.39	Note 8	214.99	10,964.38	3	235.13	10,729.24		10,729.24
763 Meters and House Regulators Expense	7,431.02	-		7,431.02	Note 8	130.04	7,561.06	Note 8	151.22	7,712.28	3	165.39	7,546.89		7,546.89
764 Customer Installations Expense	12,324.09	-		12,324.09	Note 8	215.67	12,539.76	Note 8	250.79	12,790.55	3	274.29	12,516.26		12,516.26
765 Misc. Distribution Expense	91,412.26	-		91,412.26	Note 8	1,599.71	93,011.97	Note 8	1,860.24	94,872.21	3	2,034.54	92,837.67		92,837.67
766 Rents	80,843.73	-		80,843.73	Note 8	1,414.77	82,258.50	Note 8	1,645.17	83,903.67	5	7,179.26	76,724.41		76,724.41
Total Operations Expense	\$ 384,031.69	\$ (10,076.04)		\$ 373,955.65		\$ 6,544.22	\$ 380,499.87		\$ 7,610.00	\$ 388,109.87		\$ 24,674.21	\$ 363,435.66		\$ 363,435.66
402 Maintenance Expense - Distribution															
767 Maintenance of Lines	\$ 43,736.84	\$ -		\$ 43,736.84	Note 8	765.39	\$ 44,502.23	Note 8	890.04	\$ 45,392.28	3	\$ 973.44	\$ 44,418.84		\$ 44,418.84
768 Maintenance of Meters	-	-		-		-	-		-	-	3	-	-		-
887 Leak Repairs	34,149.05	-		34,149.05	Note 8	(2,132.50)	32,016.55	Note 8	645.00	32,661.55	3	700.43	31,961.12		31,961.12
Total Maintenance Expense	\$ 77,885.89	\$ -		\$ 77,885.89		\$ (1,367.11)	\$ 76,518.78		\$ 1,535.04	\$ 78,053.83		\$ 1,673.87	\$ 76,379.96		\$ 76,379.96
402 Customer Accounting Expense															
901 Meter Reading Labor	\$ 15,237.10	\$ -		\$ 15,237.10	Note 8	\$ 266.65	\$ 15,503.75	Note 8	\$ 310.08	\$ 15,813.82	1	\$ 11.57	\$ 15,802.25		\$ 15,802.25
902 Accounting and Collecting Labor	83,467.71	(5,813.10)	Note 2	77,654.61	Note 8	1,374.71	79,029.32	Note 8	1,598.59	80,627.90	1	58.99	80,568.91		80,568.91
903 Supplies Expense	13,771.37	-		13,771.37	Note 8	241.00	14,012.37	Note 8	280.25	14,292.62	1	10.46	14,282.16		14,282.16
904 Uncollectable Accounts	2,076.65	(2,076.65)	Note 3	-		-	-		-	-		-		-	
Total Customer Accounting Expense	\$ 114,552.83	\$ (7,889.75)		\$ 106,663.08		\$ 1,882.35	\$ 108,545.43		\$ 2,188.91	\$ 110,734.34		\$ 81.02	\$ 110,653.32		\$ 110,653.32

West Coast Gas Company, Inc.
Test Year 2013
Results of Operations

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Acct. No.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Results of Operations Year Ending December 31, 2011	Adjustments to Results of Operations Year Ending December 31, 2011	Adj. Ref	Results of Operations 2011 at Current Rates	Adj. Ref	Forecasted Changes in Revenue and Expense 2012	2012 Operations Pro-Forma at Current Rates		Forecasted Changes in Revenue and Expense 2013	2013 Results of Operations Test Year at Current Rates	Alloc. Estor	Allocation of Expenses to Non-Jurisdictional Operations	Results of Operations 2013 Test Year at Current Rates Jurisdictional	Proposed Rate Change	Results of Operations 2013 Test Year at Proposed Rates
402 Administration and General Expense															
920 A&G Salaries	\$ 89,201.99	\$ (10,076.04)	Note 2	\$ 79,125.95	Note 8	\$ 1,384.70	\$ 80,510.65	Note 8	\$ 1,610.21	\$ 82,120.87	# 10	\$ 3,543.40	\$ 78,577.47		\$ 78,577.47
921 Office Supplies & Office Expenses	14,659.95	-		14,659.95	Note 8	256.55	14,916.50	Note 8	261.04	15,177.54	# 10	654.89	14,522.65		14,522.65
922 A&G Transferred (Cr)	-	-		-		-	-		-	-	10	-	-		-
923 Outside Services	16,319.43	-		16,319.43	Note 8	285.59	16,605.02	Note 8	332.10	16,937.12	# 10	730.81	16,206.31		16,206.31
924 Property & Liability & Work Comp Ins	43,213.13	-		43,213.13	Note 8	756.23	43,969.36	Note 8	879.39	44,848.75	# 11	4,595.64	40,253.11		40,253.11
926 Employee Benefits & Vacation	57,328.05	(669.18)	Note 7	56,658.87	Note 7	2,189.99	58,848.85	Note 7	2,353.63	61,202.49	# 10	2,640.80	58,561.69		58,561.69
927 Franchise Requirements	15,801.24	(15,801.24)	Note 4	-		-	-		-	-	10	-	-		-
928 Regulatory Commission Expense	4,529.08	-	Note 10	4,529.08		-	4,529.08		-	4,529.08		-	4,529.08		4,529.08
930 Misc. General Expense	8,472.47	-		8,472.47	Note 8	127.09	8,599.56	Note 8	128.99	8,728.55	# 10	376.62	8,351.93		8,351.93
931 Office Rent	26,947.91	-		26,947.91	Note 8	-	26,947.91	Note 8	-	26,947.91	# 10	1,162.76	25,785.15		25,785.15
933 Transportation Expense	-	-		-		-	-		-	-	10	-	-		-
935 Maintenance of General Plant	17,924.08	-		17,924.08	Note 8	313.67	18,237.75		364.76	18,602.51	10	802.67	17,799.83		17,799.83
Total Administration & General Expense	\$ 294,397.33	\$ (26,346.46)		\$ 267,850.87		\$ 5,313.82	\$ 273,164.69		\$ 5,930.12	\$ 279,094.81		\$ 14,507.59	\$ 264,587.21		\$ 264,587.21
403 Operating Expense - Depreciation	\$ 107,476.83	\$ 898.31	Note 11	\$ 108,375.14		\$ 5,123.76	\$ 113,498.89		\$ 2,561.88	\$ 116,060.76		\$ 698.44	\$ 115,362.33		\$ 115,362.33
405 Operating Expense - Amort Expense	\$ -	\$ -		\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -
408 Operating Expense - Taxes OTIT															
408.a Payroll Taxes	\$ -	\$ -		\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -
408.b Property Taxes	11,171.20	-		11,171.20		-	11,171.20		(515.74)	10,655.46		10,655.46	10,655.46		10,655.46
408.c Franchise Taxes	-	-		-		-	-		-	-		-	-		-
408.d Other Non-Income Taxes	-	-		-		-	-		-	-		-	-		-
Total Taxes Other Than Income Tax	\$ 11,171.20	\$ -		\$ 11,171.20		\$ -	\$ 11,171.20		\$ (515.74)	\$ 10,655.46		\$ 10,655.46	\$ 10,655.46		\$ 10,655.46
409 Income Tax Expense	\$ 5,996.00	\$ (5,996.00)	Note 6	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ 50,780.70	\$ 50,780.70
410 Provision for Deferred Income Tax	-	-		-		-	-		-	-		-	-		-
Total Operating Expense	\$ 995,511.77	\$ (49,609.94)		\$ 945,901.83		\$ 17,497.05	\$ 963,398.86		\$ 19,310.21	\$ 982,709.07		\$ 41,635.13	\$ 941,073.94	\$ 50,780.70	\$ 991,854.64
Net Operating Income	\$ (88,834.28)	\$ 49,609.94		\$ (39,224.34)		\$ (17,497.05)	\$ (56,721.37)		\$ 5,567.30	\$ (51,154.07)		\$ (41,635.13)	\$ (9,518.94)	\$ 96,025.11	\$ 86,506.16
Average Rate Base (Tab 2)													\$ 1,054,953.23		\$ 1,054,953.23
Average Return on Rate Base													-0.90%		8.20%

- Notes:
- 2011 Revenues are current non-gas supply base rates, times recorded 2007 therm sales and exclude franchise fees, uncollectables and CPUC per therm Charges.
 - Reduction in Staff Payroll.
 - Eliminates uncollectable charges to income.
 - Eliminates franchise fees paid to county of Merced.
 - Adjusts depreciation expense for fully depreciated plant and equipment.
 - Eliminates income tax paid in 2007.
 - Adjust to Normalize Benefits. Escalation in Benefits 2012 and 2013.
 - Changes in Labor and Non-Labor Expenses - see Tab 4 and 6.
 - Property Taxes - See Tab 16
 - Legal Costs to Process 2013 Test Year GRC (Capitalized and Amortized over 3 attrition years.
 - Adjustment to annualize depreciation expense (see Sheet 10)

West Coast Gas Company, Inc.

Test Year 2013 Average Test Year Rate Base

FERC Acct. <u>No.</u>	<u>Ref</u>	<u>Average Rate Base</u>	<u>Alloc. Factor</u>	<u>Allocation of Gen Plant to Non-Jurisdic. Operations</u>	<u>Jurisdictional Average Rate Base</u>
<u>Utility Plant in Service</u>					
101 Gas Plant in Service		\$ 2,986,070.88	12	\$ 13,761.18	\$ 2,972,309.70
105 Plant Held for Future Use	A	-			-
108 Accum Provision for Depreciation of Gas Plant in Service		<u>(1,366,972.10)</u>	12	<u>(9,198.11)</u>	<u>(1,357,773.99)</u>
Net Utility Plant in Service		1,619,098.78		4,563.07	1,614,535.71
154 Plant Materials and Operating Supplies Working Cash (1/12th of Cash Oper. Exp.)	A	9,108.99 68,809.30		779.42	8,329.57 68,809.30
252 Customer Advances for Construction	A	(33,036.27)			(33,036.27)
271 Contributions in Aid of Construction	B	<u>(603,685.09)</u>			<u>(603,685.09)</u>
 Net Average Test Year Rate Base		 <u>\$ 1,060,295.72</u>		 <u>\$ 5,342.49</u>	 <u>\$ 1,054,953.23</u>

References:

- A 2011 Recorded Balance.
- B 2011 Recorded Balance Less Non-Jurisdictional CIAC of \$44,632.00.

West Coast Gas Company, Inc.

Test Year 2013
Therm Sales and Revenue at Current Rates

Recorded Residential Therm Sales 2008 - Residential Therms Sales Include CARE

Season	Winter	Winter	Winter	Summer	Winter	Winter	TOT	%	Therms	Winter							
	JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W	DEC-W					
Total Residential Therm Sales																	
Baseline Therms	72,339	83,125	48,231	17,407	17,607	13,398	14,042	15,044	13,494	16,661	42,389	81,948	413,685	72.7%	BL	306,032	72.6%
Excess Therms	45,185	17,369	1,634	16,288	6,603	2,929	2,445	2,783	2,821	6,440	1,428	49,760	155,665	27.3%	Excess	131,664	31.2%
Total Therms	117,524	80,494	47,865	33,695	24,210	16,327	16,487	17,807	16,315	23,101	43,817	131,708	569,350		Total	421,408	
Baseline as % of Total Therms	61.6%	78.4%	96.6%	51.7%	72.7%	82.1%	85.2%	84.5%	82.7%	72.1%	96.7%	62.2%					
Total Lots 1271																	
Total Customers	1221	1217	1211	1213	1211	1211	1215	1215	1224	1231	1233	1234	1220	Avg # of Res Customers			
Total Empty Lots																	
Therms Per Customer	96	66	40	28	20	13	14	15	13	19	36	107	466	Average Therms/ Customers			
Care Therm Sales (Incl.inTotal)																	
Baseline CARE Therms	2,493	2,094	1,766	576	580	444	467	519	465	578	1,532	2,757	14,269	68.1%			
Excess CARE Therms	1,805	727	106	719	357	191	184	199	184	349	80	1,779	6,682	31.9%			
Total CARE Therms	4,298	2,821	1,874	1,295	937	635	651	718	649	925	1,612	4,536	20,951				
Total CARE Customers	42	40	42	40	38	38	37	38	39	40	41	43	40	Avg # of CARE Customers			
Therms Per CARE Cust	102	71	45	32	25	17	18	19	17	23	39	105	526	Avg Therms/CARE Customer			

Recorded Residential Therm Sales 2009 - Residential Therms Sales Include CARE

Season	Winter	Winter	Winter	Summer	Winter	Winter	TOT	%	Therms	Winter							
	JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W	DEC-W					
Total Residential Therm Sales																	
Baseline Therms	63,308	59,801	50,615	17,545	17,208	14,483	14,188	14,536	14,167	18,207	48,757	71,429	404,244	76.6%	BL	293,910	78.5%
Excess Therms	22,990	13,421	3,364	16,212	6,063	3,656	2,747	3,078	2,913	8,521	4,085	36,626	123,676	23.4%	Excess	80,486	21.5%
Total Therms	86,298	73,222	53,979	33,757	23,271	18,139	16,935	17,614	17,080	26,728	52,842	108,055	527,920		Total	374,396	
Baseline as % of Total Therms	73.4%	81.7%	93.8%	52.0%	73.9%	79.8%	83.8%	82.5%	82.9%	68.1%	92.3%	66.1%	76.6%				
Total Lots 1271																	
Total Customers	1236	1230	1222	1225	1226	1222	1221	1230	1224	1225	1228	1231	1227	Avg # of Res Customers			
Total Empty Lots																	
Therms Per Customer	70	60	44	28	19	15	14	14	14	22	43	88	430	Average Therms/ Customers			
Care Therm Sales (Incl.inTotal)																	
Baseline CARE Therms	2,185	2,396	2,315	799	866	702	753	751	746	897	2,578	3,440	18,427	70.2%			
Excess CARE Therms	1,044	736	292	947	526	352	264	264	285	652	353	2,110	7,825	29.8%			
Total CARE Therms	3,229	3,132	2,608	1,746	1,392	1,054	1,018	1,015	1,031	1,550	2,931	5,550	26,253				
Total CARE Customers	44	51	54	54	58	57	57	56	57	57	60	59	55	Avg # of CARE Customers			
Therms Per CARE Cust	73	61	48	32	24	18	18	18	18	27	49	94					

Recorded Residential Therm Sales 2010 - Residential Therms Sales Include CARE

Season	Winter JAN-W	Winter FEB-W	Winter MAR-W	Summer APR-S	Summer MAY-S	Summer JUN-S	Summer JUL-S	Summer AUG-S	Summer SEP-S	Summer OCT-S	Winter NOV-W	Winter DEC-W	TOT	%	Therms Winter 68.7%
Total Residential Therm Sales															
Baseline Therms	72,653	53,988	50,702	17,852	18,171	14,283	13,744	15,100	14,377	17,310	53,903	74,096	416,179	76.5% BL	305,342 81.8%
Excess Therms	31,140	6,912	2,597	28,713	10,877	4,044	2,772	3,544	3,319	6,358	5,928	21,570	127,774	23.5% Excess	68,147 18.2%
Total Therms	103,793	60,900	53,299	46,565	29,048	18,327	16,516	18,644	17,696	23,668	59,831	95,666	543,953	Total	373,489
Baseline as % of Total Therms	70.0%	88.7%	95.1%	38.3%	62.6%	77.9%	83.2%	81.0%	81.2%	73.1%	90.1%	77.5%	76.5%		
Total Lots 1271															
Total Customers	1226	1224	1225	1224	1227	1228	1229	1227	1225	1226	1230	1233	1227		
Total Empty Lots	-	-	-	-	-	-	-	-	-	-	-	-	-		
Therms Per Customer	85	50	44	38	24	15	13	15	14	19	49	78	443	Average Therms/ Customers	
Care Therm Sales (Incl.inTotal)															
Baseline CARE Therms	3,442	2,795	2,735	911	1,030	795	786	867	821	959	2,695	3,571	21,406	71.7%	
Excess CARE Therms	1,773	447	192	1,679	864	312	253	295	295	578	431	1,336	8,455	28.3%	
Total CARE Therms	5,215	3,242	2,927	2,591	1,894	1,107	1,039	1,162	1,116	1,536	3,126	4,906	29,861	Total	
Total CARE Customers	57	60	61	61	62	63	63	62	64	63	60	59	61	61 Avg # of CARE Customers	
Therms Per CARE Cust	91	54	48	42	31	18	16	19	17	24	52	83	488 Avg Therms/CARE Customer		

Recorded Residential Therm Sales 2011 - Residential Therms Sales Include CARE

Season	Winter JAN-W	Winter FEB-W	Winter MAR-W	Summer APR-S	Summer MAY-S	Summer JUN-S	Summer JUL-S	Summer AUG-S	Summer SEP-S	Summer OCT-S	Winter NOV-W	Winter DEC-W	TOT	%	Therms Winter 72.5%
Total Residential Therm Sales															
Baseline Therms	64,282	65,251	62,013	18,816	16,568	15,720	14,378	13,561	13,212	18,033	50,469	75,009	427,312	74.8% BL	317,024 76.6%
Excess Therms	29,729	19,592	8,840	17,444	10,338	5,098	2,878	2,478	2,535	6,109	5,477	33,314	143,832	25.2% Excess	96,952 23.4%
Total Therms	94,011	84,843	70,853	36,260	26,906	20,818	17,256	16,039	15,747	24,142	55,946	108,323	571,144	Total	413,976
Baseline as % of Total Therms	68.4%	76.9%	87.5%	51.9%	61.6%	75.5%	83.3%	84.6%	83.9%	74.7%	90.2%	69.2%	74.8%		
Total Lots 1271															
Total Customers	1228	1225	1228	1234	1238	1233	1231	1231	1228	1228	1228	1228	1230		
Total Empty Lots	-	-	-	-	-	-	-	-	-	-	-	-	-		
Therms Per Customer	77	69	58	29	22	17	14	13	13	20	46	88	465	Average Therms/ Customers	
Care Therm Sales (Incl.inTotal)															
Baseline CARE Therms	3,141	2,923	3,354	975	844	675	610	602	581	798	2,208	3,306	20,018	69.0% BL	14,932 65.3%
Excess CARE Therms	1,889	1,295	709	1,216	721	331	199	189	189	403	238	1,617	8,995	31.0% Excess	5,748 25.1%
Total CARE Therms	5,031	4,218	4,063	2,192	1,565	1,006	809	791	770	1,201	2,446	4,923	29,013	Total	22,872
Total CARE Customers	61	65	66	62	61	52	51	51	51	52	53	54	57	57 Avg # of CARE Customers	
Therms Per CARE Cust	82	65	62	35	26	19	16	16	15	23	46	91	513 Avg Therms/CARE Customer		

Recorded Residential Base Rate Revenue at Current Rates Excluding Care Discounts- 2011

Season	Winter JAN-W	Winter FEB-W	Winter MAR-W	Summer APR-S	Summer MAY-S	Summer JUN-S	Summer JUL-S	Summer AUG-S	Summer SEP-S	Summer OCT-S	Winter NOV-W	Winter DEC-W	TOT
Current Base Rates:													
Customer Charge \$ 3.41	\$ 4,187.48	\$ 4,177.25	\$ 4,187.48	\$ 4,207.94	\$ 4,221.58	\$ 4,204.53	\$ 4,197.71	\$ 4,197.71	\$ 4,187.48	\$ 4,187.48	\$ 4,180.66	\$ 4,187.48	\$ 50,324.78
Baseline Rate Per Therm \$ 0.42019	27,010.65	27,417.82	26,057.24	7,906.30	6,961.71	6,605.39	6,041.49	5,698.20	5,551.55	7,577.29	21,206.57	31,518.03	179,552.23
Excess Rate Per Therm \$ 0.65407	19,444.85	12,814.54	5,781.98	11,409.60	6,761.78	3,334.45	1,882.41	1,620.79	1,658.07	3,995.71	3,582.34	21,789.69	94,076.20
Residential Base Rate Revenue	\$ 50,642.98	\$ 44,409.61	\$ 36,026.70	\$ 23,523.83	\$ 17,945.06	\$ 14,144.37	\$ 12,121.62	\$ 11,516.69	\$ 11,397.10	\$ 15,760.48	\$ 28,969.57	\$ 57,495.20	\$ 323,953.21

Pro Forma Residential Therm Sales 2012 - Residential Therm Sales Include CARE
Based on Average Sales 2008-2011

Season	Winter	Winter	Winter	Summer	Winter	Winter	TOT	%	Therms Winter								
	JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W	DEC-W					
Total Residential Therm Sales																	
Baseline Therms	68,146	60,541	52,390	17,905	17,389	14,471	14,088	14,560	13,813	17,553	48,880	75,621	415,355	75.1%	BL	305,577	77.2%
Excess Therms	32,261	14,324	4,109	19,664	8,470	3,932	2,711	2,966	2,897	6,857	4,230	35,318	137,737	24.9%	Excess	90,240	22.8%
Total Therms	100,407	74,865	56,499	37,569	25,859	18,403	16,799	17,526	16,710	24,410	53,109	110,938	553,092		Total	395,817	
Baseline as % of Total Therms	67.9%	80.9%	92.7%	47.7%	67.2%	78.6%	83.9%	83.1%	82.7%	71.9%	92.0%	68.2%					
Total Lots 1271																	
Total Customers (2011)	1228	1224	1222	1224	1226	1224	1224	1226	1225	1228	1229	1232	1226				
Therms Per Customer	82	61	46	31	21	15	14	14	14	20	43	90	451		Average Therms/ Customers		
Care Therm Sales (Incl.inTotal)																	
Baseline CARE Therms	2,815	2,552	2,543	815	830	654	654	685	653	808	2,253	3,268	18,530	69.9%			
Excess CARE Therms	1,628	801	325	1,140	617	297	225	237	238	495	275	1,710	7,989	30.1%			
Total CARE Therms	4,443	3,353	2,868	1,956	1,447	950	879	921	892	1,303	2,529	4,979	26,519				
Total CARE Customers	61	65	66	62	61	52	51	51	51	52	53	54	57				
Therms Per CARE Cust	73	52	43	32	24	18	17	18	17	25	48	92					

Pro Forma Residential Base Rate Revenue at Current Rates Excluding Care Discounts- 2012

Season	Winter	Winter	Winter	Summer	Winter	Winter	TOT						
	JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W	DEC-W	
Current Base Rates:													
Customer Charge \$ 3.47	\$ 4,260.29	\$ 4,247.28	\$ 4,238.61	\$ 4,247.28	\$ 4,252.49	\$ 4,245.55	\$ 4,247.28	\$ 4,253.35	\$ 4,251.62	\$ 4,259.43	\$ 4,265.50	\$ 4,273.31	\$ 51,041.97
Baseline Rate Per Therm \$ 0.42754	29,134.93	25,883.81	22,398.93	7,655.10	7,434.28	6,186.93	6,023.18	6,225.09	5,905.40	7,504.50	20,897.94	32,330.79	177,580.88
Excess Rate Per Therm \$ 0.66551	21,470.02	9,532.43	2,734.41	13,086.76	5,637.04	2,616.62	1,803.86	1,973.74	1,927.98	4,563.40	2,814.77	23,504.15	91,665.18
Residential Base Rate Revenue	\$ 54,865.24	\$ 39,663.52	\$ 29,371.95	\$ 24,989.14	\$ 17,323.80	\$ 13,049.10	\$ 12,074.33	\$ 12,452.18	\$ 12,085.00	\$ 16,327.33	\$ 27,978.21	\$ 60,108.24	\$ 320,288.03

Residential Therm Sales Test Year 2013 - Includes CARE
Based on Average Sales 2008-2011

Season	Winter	Winter	Winter	Summer	Winter	Winter	TOT	%	Therms Winter								
	JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W	DEC-W					
Total Residential Therm Sales																	
Baseline Therms	68,146	60,541	52,390	17,905	17,389	14,471	14,088	14,560	13,813	17,553	48,880	75,621	415,355	75.1%	BL	305,577	77.2%
Excess Therms	32,261	14,324	4,109	19,664	8,470	3,932	2,711	2,966	2,897	6,857	4,230	35,318	137,737	24.9%	Excess	90,240	22.8%
Total Therms	100,407	74,865	56,499	37,569	25,859	18,403	16,799	17,526	16,710	24,410	53,109	110,938	553,092		Total	395,817	
Baseline as % of Total Therms	67.9%	80.9%	92.7%	47.7%	67.2%	78.6%	83.9%	83.1%	82.7%	71.9%	92.0%	68.2%					
Total Lots 1271																	
Total Customers	1228	1224	1222	1224	1226	1224	1224	1226	1225	1228	1229	1232	1226				
Total Empty Lots	-	-	-	-	-	-	-	-	-	-	-	-	-				
Therms Per Customer	82	61	46	31	21	15	14	14	14	20	43	90	451		Average Therms/ Customers		
Care Therm Sales (Incl.inTotal)																	
Baseline CARE Therms	2,815	2,552	2,543	815	830	654	654	685	653	808	2,253	3,268	18,530	69.9%			
Excess CARE Therms	1,628	801	325	1,140	617	297	225	237	238	495	275	1,710	7,989	30.1%			
Total CARE Therms	4,443	3,353	2,868	1,956	1,447	950	879	921	892	1,303	2,529	4,979	26,519				
Total CARE Customers	61	65	66	62	61	52	51	51	51	52	53	54	57				
Therms Per CARE Cust	73	52	43	32	24	18	17	18	17	25	48	92					

Test Year 2013 Residential Base Rate Revenue at Current Rates

Current Base Rates:	Season	Winter	Winter	Winter	Summer	Summer	Summer	Summer	Summer	Summer	Winter	Winter	TOT	
		JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W		DEC-W
Customer Charge	\$ 3.47	\$ 4,260.29	\$ 4,247.28	\$ 4,238.61	\$ 4,247.28	\$ 4,252.49	\$ 4,245.55	\$ 4,247.28	\$ 4,253.35	\$ 4,251.62	\$ 4,259.43	\$ 4,265.50	\$ 4,273.31	\$ 51,041.97
Baseline Rate Per Therm	\$ 0.42754	29,134.93	25,883.81	22,398.93	7,655.10	7,434.28	6,186.93	6,023.18	6,225.09	5,905.40	7,504.50	20,897.94	32,330.79	177,580.88
Excess Rate Per Therm	\$ 0.66551	21,470.02	9,532.43	2,734.41	13,086.76	5,637.04	2,616.62	1,803.86	1,973.74	1,927.98	4,563.40	2,814.77	23,504.15	91,665.18
Residential Base Rate Revenue		\$ 54,865.24	\$ 39,663.52	\$ 29,371.95	\$ 24,989.14	\$ 17,323.80	\$ 13,049.10	\$ 12,074.33	\$ 12,452.18	\$ 12,085.00	\$ 16,327.33	\$ 27,978.21	\$ 60,108.24	\$ 320,288.03

Commercial Therm Sales and Number of Commercial Customers - Mather 2008

	JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W	DEC-W	TOT
Schedule 2 Customers @ 12/31/08	74,735	57,390	39,569	31,503	19,399	12,890	13,252	11,038	10,879	20,676	38,315	89,209	418,855
Schedule 3 Wherry Customers @ 12/31/08	1,785	1,997	1,096	1,043	397	313	15	23	127	328	633	2,523	10,280
Total Therms	76,520	59,387	40,665	32,546	19,796	13,203	13,267	11,061	11,006	21,004	38,948	91,732	429,135

Commercial Therm Sales and Number of Commercial Customers - Mather 2009

	JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W	DEC-W	TOT
Schedule 2 Customers @ 12/31/09	64,044	58,175	47,946	39,711	25,303	15,585	13,495	12,857	13,419	29,268	47,039	84,986	451,828
Schedule 3 Wherry Customers @ 12/31/09	2,052	1,570	1,271	791	251	120	88	154	190	602	869	1,931	9,889
Total Therms	66,096	59,745	49,217	40,502	25,554	15,705	13,583	13,011	13,609	29,870	47,908	86,917	461,717

Commercial Therm Sales and Number of Commercial Customers - Mather 2010

	JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W	DEC-W	TOT
Schedule 2, Permanent Customers @ 12/31/10	68,898	46,874	45,590	37,703	26,338	12,296	12,893	13,715	13,153	19,314	39,357	61,261	397,392
Schedule 3, Wherry Customers @ 12/31/10	2,378	1,502	1,472	1,235	714	144	78	175	227	517	1,050	1,418	10,910
Total Therms	71,276	48,376	47,062	38,938	27,052	12,440	12,971	13,890	13,380	19,831	40,407	62,679	408,302

Commercial Therm Sales and Number of Commercial Customers - Mather 2011

	JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W	DEC-W	TOT
Schedule 2 Customers @ 12/31/11	57,293	49,510	47,106	29,844	24,175	14,752	11,272	11,163	11,382	21,230	46,401	70,979	395,107
Schedule 3 Wherry Customers @ 12/31/11	2,491	1,608	1,727	768	556	158	88	129	145	481	1,215	1,943	11,309
Total Therms	59,784	51,118	48,833	30,612	24,731	14,910	11,360	11,292	11,527	21,711	47,616	72,922	406,416

Commercial Base Rate Revenue - Mather Recorded Year 2011 @ Current Base Rates

	JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W	DEC-W	TOT	
Current Base Rates:	Summer		Winter											
Schedule 2														
Monthly Cust Charge	\$ 18.21	\$ 18.21	\$ 1,475.01	\$ 1,475.01	\$ 1,475.01	\$ 1,475.01	\$ 1,475.01	\$ 1,475.01	\$ 1,475.01	\$ 1,475.01	\$ 1,475.01	\$ 1,475.01	\$ 1,475.01	\$ 17,700.12
Volumetric Rate/Therm	0.74884	0.74884	42,903.29	37,075.07	35,274.86	22,348.38	18,103.21	11,046.89	8,440.92	8,359.30	8,523.30	15,897.87	34,746.92	295,871.93
Total Revenue per Schedule														\$ 313,572.05
Schedule 3														
Monthly Cust Charge	\$ 18.21	\$ 18.21	\$ 54.63	\$ 54.63	\$ 54.63	\$ 54.63	\$ 54.63	\$ 54.63	\$ 54.63	\$ 54.63	\$ 54.63	\$ 54.63	\$ 54.63	\$ 655.56
Volumetric Rate/Therm	0.40662	0.54084	1,347.23	869.67	934.03	312.28	226.08	64.25	35.78	52.45	58.96	195.58	657.12	5,804.30
Total Revenue per Schedule														\$ 6,459.86
Base Rate Revenue - Mather Commercial		\$ 45,780.16	\$ 39,474.38	\$ 37,738.53	\$ 24,190.31	\$ 19,858.93	\$ 12,640.77	\$ 10,006.35	\$ 9,941.39	\$ 10,111.90	\$ 17,623.10	\$ 36,933.69	\$ 55,732.41	\$ 320,031.90

Commercial Therm Sales and Number of Commercial Customers - Mather Pro Forma 2012

Based on Average Sales 2008-2011

	JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W	DEC-W	TOT
Schedule 2 Customers @ 12/31/08	66,243	52,987	45,053	34,690	23,804	13,881	12,728	12,193	12,208	22,622	42,778	76,609	415,796
Schedule 3 Wherry Customers @ 12/31/08	2,177	1,669	1,392	959	480	184	67	120	172	482	942	1,954	10,597
												3	
Total Therms	68,419	54,657	46,444	35,650	24,283	14,065	12,795	12,314	12,381	23,104	43,720	78,563	426,393

Commercial Base Rate Revenue - Mather Pro Forma 2012 @ Current Base Rates

	JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W	DEC-W	TOT	
Current Base Rates:	Summer		Winter											
Schedule 2														
Monthly Cust Charge	\$ 18.53	\$ 18.53	\$ 1,500.93	\$ 1,500.93	\$ 1,500.93	\$ 1,500.93	\$ 1,500.93	\$ 1,500.93	\$ 1,500.93	\$ 1,500.93	\$ 1,500.93	\$ 1,500.93	\$ 1,500.93	\$ 18,011.16
Volumetric Rate/Therm	0.76194	0.76194	50,472.81	40,373.11	34,327.49	26,431.89	18,137.03	10,576.30	9,697.97	9,290.52	9,301.95	17,236.61	32,594.27	316,811.22
Total Revenue per Schedule														\$ 334,822.38
Schedule 3														
Monthly Cust Charge	\$ 18.53	\$ 18.53	\$ 55.59	\$ 55.59	\$ 55.59	\$ 55.59	\$ 55.59	\$ 55.59	\$ 55.59	\$ 55.59	\$ 55.59	\$ 55.59	\$ 55.59	\$ 667.08
Volumetric Rate/Therm	0.41374	0.55030	1,197.73	918.59	765.74	396.88	198.39	76.02	27.82	49.75	71.27	199.42	518.25	5,495.01
Total Revenue per Schedule														\$ 6,162.09
Base Rate Revenue - Mather Commercial		\$ 53,227.06	\$ 42,848.21	\$ 36,649.75	\$ 28,385.29	\$ 19,891.94	\$ 12,208.84	\$ 11,282.32	\$ 10,896.80	\$ 10,929.74	\$ 18,992.55	\$ 34,669.03	\$ 61,002.94	\$ 340,984.47

Commercial Therm Sales and Number of Commercial Customers - Mather Test Year 2013

Based on Average Sales 2008-2011

	JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W	DEC-W	TOT	Summer	Winter
Schedule 2 Customers @ 12/31/13	66,243	52,987	45,053	34,690	23,804	13,881	12,728	12,193	12,208	22,622	42,778	76,609	415,796	132,126	283,669
Schedule 3 Wherry Customers @ 12/31/13	2,177	1,669	1,392	959	480	184	67	120	172	482	942	1,954	10,597	2,464	8,133
												3			
Total Therms	68,419	54,657	46,444	35,650	24,283	14,065	12,795	12,314	12,381	23,104	43,720	78,563	426,393		

Commercial Base Rate Revenue - Mather Test Year 2013 @ Current Base Rates

	JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W	DEC-W	TOT	
Current Base Rates:														
Schedule 2	<u>Summer</u>		<u>Winter</u>											
Monthly Cust Charge	\$ 18.53	\$ 18.53	\$ 1,500.93	\$ 1,500.93	\$ 1,500.93	\$ 1,500.93	\$ 1,500.93	\$ 1,500.93	\$ 1,500.93	\$ 1,500.93	\$ 1,500.93	\$ 1,500.93	\$ 1,500.93	\$ 18,011.16
Volumetric Rate/Therm	0.76194	0.76194	50,472.81	40,373.11	34,327.49	26,431.89	18,137.03	10,576.30	9,697.97	9,290.52	9,301.95	17,236.61	32,594.27	58,371.27
Total Revenue per Schedule														\$ 316,811.22
Schedule 3														
Monthly Cust Charge	\$ 18.53	\$ 18.53	\$ 55.59	\$ 55.59	\$ 55.59	\$ 55.59	\$ 55.59	\$ 55.59	\$ 55.59	\$ 55.59	\$ 55.59	\$ 55.59	\$ 55.59	\$ 667.08
Volumetric Rate/Therm	0.41374	0.55030	1,197.73	918.59	765.74	396.88	198.39	76.02	27.82	49.75	71.27	199.42	518.25	1,075.15
Total Revenue per Schedule														\$ 5,495.01
														\$ 6,162.09
Base Rate Revenue - Mather Commercial		\$ 53,227.06	\$ 42,848.21	\$ 36,649.75	\$ 28,385.29	\$ 19,891.94	\$ 12,208.84	\$ 11,282.32	\$ 10,896.80	\$ 10,929.74	\$ 18,992.55	\$ 34,669.03	\$ 61,002.94	\$ 340,984.47

Commercial Therm Sales and Number of Commercial Customers - Castle 2008

	JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W	DEC-W	TOT
Schedule C-G1	36,904	28,077	16,825	14,821	11,992	8,674	7,503	9,387	8,392	13,013	17,083	44,454	217,125
Customers @ 12/31/04												51	
Schedule C-G2	27,256	26,254	24,918	26,020	27,212	22,908	21,230	20,196	21,236	20,338	22,286	26,726	286,580
Customers @ 12/31/04												1	
Schedule C-G3	30,370	25,564	17,328	13,892	12,360	5,176	5,076	3,382	1,652	7,508	9,412	30,628	162,348
Customers @ 12/31/04												1	
Total Therms	94,530	79,895	59,071	54,733	51,564	36,758	33,809	32,965	31,280	40,859	48,781	101,808	666,053

Commercial Therm Sales and Number of Commercial Customers - Castle 2009

	JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W	DEC-W	TOT
Schedule C-G1	31,022	24,950	20,796	14,078	11,374	9,566	10,161	8,521	10,422	12,865	19,382	36,450	209,587
Customers @ 12/31/05												58	
Schedule C-G2	25,496	26,066	25,256	23,870	23,568	22,120	23,032	21,546	22,640	23,910	22,722	25,622	285,848
Customers @ 12/31/05												1	
Schedule C-G3	22,902	23,240	21,984	16,146	11,612	8,060	8,770	3,290	2,300	6,702	11,612	33,480	170,098
Customers @ 12/31/05												1	
Total Therms	79,420	74,256	68,036	54,094	46,554	39,746	41,963	33,357	35,362	43,477	53,716	95,552	665,533

Commercial Therm Sales and Number of Commercial Customers - Castle 2010

	JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W	DEC-W	TOT
Schedule C-G1	29,968	22,913	17,917	17,917	12,031	7,549	9,416	11,840	10,746	12,087	21,786	34,558	208,728
Customers @ 12/31/06												59	
Schedule C-G2	24,554	24,342	24,562	24,562	23,342	24,274	25,644	24,868	15,715	24,248	21,503	26,796	284,410
Customers @ 12/31/06												1	
Schedule C-G3	26,626	18,312	13,318	13,318	6,380	3,142	4,468	702	8,475	4,074	11,478	30,459	140,752
Customers @ 12/31/06												1	
Total Therms	81,148	65,567	55,797	55,797	41,753	34,965	39,528	37,410	34,936	40,409	54,767	91,813	633,890

Commercial Therm Sales and Number of Commercial Customers - Castle 2011

	JAN-W	FEB-W	MAR-W	APR-S	MAY-S	JUN-S	JUL-S	AUG-S	SEP-S	OCT-S	NOV-W	DEC-W	TOT
Schedule C-G1 Customers @ 12/31/07	34,108	26,955	21,427	15,445	10,037	8,458	8,618	8,479	9,128	9,592	20,317	37,123	209,687
Schedule C-G2 Customers @ 12/31/07	26,079	23,729	24,804	24,738	23,209	22,794	22,315	21,300	22,097	23,695	33,514	27,918	296,192
Schedule C-G3 Customers @ 12/31/07	26,075	22,859	21,657	13,177	8,991	6,638	1,722	-	-	-	5,976	27,062	134,157
Total Therms	100,200	75,490	58,291	45,569	41,217	42,211	34,111	38,826	35,073	46,031	58,488	91,631	640,036

Commercial Base Rate Revenue - Castle Recorded Year 2011 @ Current Base Rates

Season	Winter JAN-W	Winter FEB-W	Winter MAR-W	Summer APR-S	Summer MAY-S	Summer JUN-S	Summer JUL-S	Summer AUG-S	Summer SEP-S	Summer OCT-S	Summer NOV-W	Winter DEC-W	TOT		
Current Base Rates:	Summer	Winter													
Schedule C-G1															
Monthly Cust Charge	\$ 18.21	\$ 18.21	\$ 1,093.27	\$ 1,093.27	\$ 1,093.27	\$ 1,093.27	\$ 1,093.27	\$ 1,093.27	\$ 1,093.27	\$ 1,093.27	\$ 1,093.27	\$ 1,093.27	\$ 13,119.24		
Volumetric Rate/Therm	0.45115	0.57747	19,696.35	15,565.70	12,373.45	6,968.01	4,528.19	3,815.83	3,888.01	3,825.30	4,118.10	4,327.43	112,276.25		
													\$ 125,395.49		
Schedule C-G2															
Monthly Cust Charge	\$ 18.21	\$ 18.21	\$ 18.21	\$ 18.21	\$ 18.21	\$ 18.21	\$ 18.21	\$ 18.21	\$ 18.21	\$ 18.21	\$ 18.21	\$ 18.21	\$ 218.52		
Volumetric Rate/Therm	0.27302	0.34727	9,056.45	8,240.37	8,613.69	6,753.97	6,336.52	6,223.22	6,092.44	5,815.33	6,032.92	6,469.21	90,967.61		
													\$ 91,186.13		
Schedule C-G3															
Monthly Cust Charge	\$ 136.57	\$ 120.00	\$ 120.00	\$ 120.00	\$ 120.00	\$ 120.00	\$ 120.00	\$ 120.00	\$ 120.00	\$ 120.00	\$ 120.00	\$ 120.00	\$ 1,440.00		
Volumetric Rate/Therm	0.23008	0.29220	7,619.12	6,679.40	6,328.18	3,031.76	2,068.65	1,527.27	396.20	-	-	1,746.19	37,304.28		
													\$ 38,744.28		
Base Rate Revenue - Castle Commercial			\$ 37,603.40	\$ 31,716.95	\$ 28,546.79	\$ 17,985.22	\$ 14,164.84	\$ 12,797.80	\$ 11,608.13	\$ 10,872.11	\$ 11,382.50	\$ 12,028.12	\$ 26,348.53	\$ 40,271.50	\$ 255,325.89

Commercial Therm Sales and Number of Commercial Customers - Castle Pro Forma 2012
Based on Average Sales 2008-2011

Season	Winter JAN-W	Winter FEB-W	Winter MAR-W	Summer APR-S	Summer MAY-S	Summer JUN-S	Summer JUL-S	Summer AUG-S	Summer SEP-S	Summer OCT-S	Winter NOV-W	Winter DEC-W	TOT
5% Increase Schedule C-G1													
Schedule C-G1 Customers @ 12/31/08	33,001	25,724	19,241	15,565	11,359	8,562	8,925	9,557	9,672	11,889	19,642	38,146	211,282
Schedule C-G2 Customers @ 12/31/08	25,846	25,098	24,885	24,798	24,333	23,024	23,055	21,978	20,422	23,048	25,006	26,766	288,258
Schedule C-G3 Customers @ 12/31/084	26,493	22,494	18,572	14,133	9,836	5,754	5,009	1,844	3,107	4,571	9,620	30,407	151,839
Total Therms	85,340	73,315	62,698	54,496	45,527	37,340	36,989	33,378	33,201	39,508	54,268	95,319	651,378

Commercial Base Rate Revenue - Castle Pro Forma 2012 @ Current Base Rates

Season	Winter JAN-W	Winter FEB-W	Winter MAR-W	Summer APR-S	Summer MAY-S	Summer JUN-S	Summer JUL-S	Summer AUG-S	Summer SEP-S	Summer OCT-S	Winter NOV-W	Winter DEC-W	TOT
Current Base Rates:	Summer		Winter										
Schedule C-G1													
Monthly Cust Charge	\$ 18.53	\$ 18.53	\$ 1,000.62	\$ 1,000.62	\$ 1,000.62	\$ 1,000.62	\$ 1,000.62	\$ 1,000.62	\$ 1,000.62	\$ 1,000.62	\$ 1,000.62	\$ 1,000.62	\$ 12,007.44
Volumetric Rate/Therm	0.45905	0.58758	19,390.43	15,114.76	11,305.77	7,145.23	5,214.12	3,930.27	4,096.79	4,387.03	4,439.93	5,457.76	114,437.32
													\$ 126,444.76
Schedule C-G2													
Monthly Cust Charge	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 222.36
Volumetric Rate/Therm	0.27780	0.35335	9,132.77	8,868.29	8,793.11	6,888.75	6,759.64	6,396.07	6,404.75	6,105.35	5,673.23	6,402.66	89,718.17
													\$ 89,940.53
Schedule C-G3													
Monthly Cust Charge	\$ 138.96	\$ 138.96	\$ 138.96	\$ 138.96	\$ 138.96	\$ 138.96	\$ 138.96	\$ 138.96	\$ 138.96	\$ 138.96	\$ 138.96	\$ 138.96	\$ 1,667.52
Volumetric Rate/Therm	0.23411	0.29731	7,876.71	6,687.62	5,521.57	3,308.74	2,302.65	1,347.07	1,172.66	431.58	727.32	1,070.12	42,346.37
													\$ 44,013.89
Base Rate Revenue - Castle Commercial		\$ 37,558.02	\$ 31,828.78	\$ 26,778.57	\$ 18,500.82	\$ 15,434.51	\$ 12,831.52	\$ 12,832.31	\$ 12,082.07	\$ 11,998.59	\$ 14,088.65	\$ 24,395.29	\$ 260,399.18

Commercial Therm Sales and Number of Commercial Customers - Castle Test Year 2013

Based on Average Sales 2008-2011

Season	Winter JAN-W	Winter FEB-W	Winter MAR-W	Summer APR-S	Summer MAY-S	Summer JUN-S	Summer JUL-S	Summer AUG-S	Summer SEP-S	Summer OCT-S	Winter NOV-W	Winter DEC-W	TOT	Summer	Winter
Schedule C-G1															
Customers	33,001	25,724	19,241	15,565	11,359	8,562	8,925	9,557	9,672	11,889	19,642	38,146	211,282	75,528	135,754
Schedule C-G2															
Customers	25,846	25,098	24,885	24,798	24,333	23,024	23,055	21,978	20,422	23,048	25,006	26,766	288,258	160,657	127,601
Schedule C-G3															
Customers	26,493	22,494	18,572	14,133	9,836	5,754	5,009	1,844	3,107	4,571	9,620	30,407	151,839	44,253	107,586
Total Therms	85,340	73,315	62,698	54,496	45,527	37,340	36,989	33,378	33,201	39,508	54,268	95,319	651,378	280,438	370,940

Commercial Base Rate Revenue - Castle Test Year 2013 @ Current Base Rates

Season	Winter JAN-W	Winter FEB-W	Winter MAR-W	Summer APR-S	Summer MAY-S	Summer JUN-S	Summer JUL-S	Summer AUG-S	Summer SEP-S	Summer OCT-S	Winter NOV-W	Winter DEC-W	TOT
Current Base Rates:	Summer		Winter										
Schedule C-G1													
Monthly Cust Charge	\$ 18.53	\$ 18.53	\$ 1,000.62	\$ 1,000.62	\$ 1,000.62	\$ 1,000.62	\$ 1,000.62	\$ 1,000.62	\$ 1,000.62	\$ 1,000.62	\$ 1,000.62	\$ 1,000.62	\$ 12,007.44
Volumetric Rate/Therm	0.45905	0.58758	19,390.43	15,114.76	11,305.77	7,145.23	5,214.12	3,930.27	4,096.79	4,387.03	4,439.93	5,457.76	114,437.32
													\$ 126,444.76
Schedule C-G2													
Monthly Cust Charge	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 222.36
Volumetric Rate/Therm	0.27780	0.35335	9,132.77	8,868.29	8,793.11	6,888.75	6,759.64	6,396.07	6,404.75	6,105.35	5,673.23	6,402.66	89,718.17
													\$ 89,940.53
Schedule C-G3													
Monthly Cust Charge	\$ 138.96	\$ 138.96	\$ 138.96	\$ 138.96	\$ 138.96	\$ 138.96	\$ 138.96	\$ 138.96	\$ 138.96	\$ 138.96	\$ 138.96	\$ 138.96	\$ 1,667.52
Volumetric Rate/Therm	0.23411	0.29731	7,876.71	6,687.62	5,521.57	3,308.74	2,302.65	1,347.07	1,172.66	431.58	727.32	1,070.12	42,346.37
													\$ 44,013.89
Base Rate Revenue - Castle Commercial		\$ 37,558.02	\$ 31,828.78	\$ 26,778.57	\$ 18,500.82	\$ 15,434.51	\$ 12,831.52	\$ 12,832.31	\$ 12,082.07	\$ 11,998.59	\$ 14,088.65	\$ 24,395.29	\$ 260,399.18

2013 Test Year Other Gas Revenue (FERC 495).

	<u>Total</u>
2008 Recorded	\$ 10,650.91
2009 Recorded	9,283.87
2010 Recorded	12,232.00
2011 Recorded	7,366.49
4 Year Average	<u>9,883.32</u>
Change to 2011	\$ 2,516.83
2012 Pro Forma	9,883.32
2013 Test Year	9,883.32

West Coast Gas Company, Inc.
 Test Year 2013
 Therm Sales and Revenue at Current Rates

<u>Item #</u>			<u>Test Year at Current Rates</u>
1	<u>2013 Test Year Residential Therm Sales and Revenue at Current Rates.</u>		
	<u>Residential Sales and Revenues:</u>		
	1. Therm Sales	%	
	Baseline	75.1%	415,355
	Excess	24.9%	137,737
	Total		553,092
	Average Number of Customers		1,226
	Average Use Per Customer		451
	2. Base Rates at Present Rates:		
	Customer Charge		\$ 3.47
	Baseline Rate per Therm - \$/Therm		\$ 0.42754
	Excess Over Baseline Rate per Therm - \$/Therm		\$ 0.66551
	3. Base Rate Revenue at Present Rates:		
	Annual Customer Charge Revenue		\$ 51,041.97
	Baseline Revenue		177,580.88
	Excess Over Baseline Revenue		91,665.18
	Total		\$ 320,288.03
2	<u>2013 Test Year Commercial Therm Sales and Revenue at Current Rates.</u>		
	Commercial Base Rate Revenue:		2013 Test Year at Current Rates
	1. Mather - Base Rate Revenue		
	Schedule 2		\$ 334,822.38
	Schedule 3		6,162.09
	Total Mather		\$ 340,984.47
	2. Castle - Base Rate Revenue		
	Schedule C-G1		\$ 126,444.76
	Schedule C-G2		89,940.53
	Schedule C-G3		44,013.89
	Total Castle		\$ 260,399.18
	Total Commercial Base Rate Revenue		\$ 601,383.65
3	<u>2013 Test Year Other Gas Revenue (FERC 495).</u>		
			9,883.32
	<u>Total Test Year Base Rate Revenue @ Present Rates</u>		
			<u>\$ 931,555.00</u>
	Residential Therm Usage		553,092 33.9%
	Commercial and Industrial Usage - Mather		426,393 26.1%
	Commercial and Industrial Usage - Castle		651,378 39.9%
	Total Test Year Therm Usage		<u>1,630,862 100.0%</u>

West Coast Gas Company, Inc.

Test Year 2009
Therm Sales and Revenue Rates

Test Year Residential Therm Sales 2009 - Residential Therm Sales Include CARE

Season	Winter	Winter	Winter	Summer	Winter	Winter	YTD	%	Therms Winter 70.6%								
	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09					
Total Residential Therm Sales																	
Baseline Therms	69,459	63,177	48,993	34,887	17,255	16,440	13,729	14,813	15,549	17,187	44,898	71,298	427,685	77.9%	BL	297,825	76.8%
Excess Therms	38,519	13,097	1,668	511	7,462	5,033	2,862	2,965	3,708	8,808	1,548	35,117	121,298	22.1%	Excess	89,949	23.2%
Total Therms	107,978	76,274	50,661	35,398	24,717	21,473	16,591	17,778	19,257	25,995	46,446	106,415	548,983		Total	387,774	
Baseline as % of Total Therms	64.3%	82.8%	96.7%	98.6%	69.8%	76.6%	82.7%	83.3%	80.7%	66.1%	96.7%	67.0%					
Total Lots	1271																
Total Customers	1,271	1,271	1,271	1,271	1,271	1,271	1,271	1,271	1,271	1,271	1,271	1,271					
Total Empty Lots	-	-	-	-	-	-	-	-	-	-	-	-					
Therms Per Customer	85	60	40	28	19	17	13	14	15	20	37	84	432	Average Therms/ Customers			
Care Therm Sales (Incl.inTotal)																	
Baseline CARE Therms	2,149	2,087	1,960	1,546	678	626	539	565	587	647	1,619	2,421	15,423	74.1%			
Excess CARE Therms	1,189	493	80	42	509	370	219	221	257	469	83	1,449	5,381	25.9%			
Total CARE Therms	3,338	2,580	2,040	1,588	1,187	996	758	785	845	1,116	1,702	3,869	20,804				
Total CARE Customers	40	46	50	50	50	49	47	46	44	44	45	45					
Therms Per CARE Cust	83	56	41	32	24	20	16	17	19	25	38	86					

Test Year 2009 Residential Base Rate Revenue at Current Rates

Season	Winter	Winter	Winter	Summer	Winter	Winter	YTD							
	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09		
Current Base Rates:														
Customer Charge \$ 3.47	\$ 4,410.37	\$ 4,410.37	\$ 4,410.37	\$ 4,410.37	\$ 4,410.37	\$ 4,410.37	\$ 4,410.37	\$ 4,410.37	\$ 4,410.37	\$ 4,410.37	\$ 4,410.37	\$ 4,410.37	\$ 52,924.44	
Baseline Rate Per Therm \$ 0.42754	29,696.50	27,010.69	20,946.47	14,915.59	7,377.20	7,028.76	5,869.70	6,333.15	6,647.82	7,348.13	19,195.69	30,482.75	182,852.44	
Excess Rate Per Therm \$ 0.66551	25,634.78	8,716.18	1,110.07	340.08	4,966.04	3,349.51	1,904.69	1,973.24	2,467.71	5,861.81	1,030.21	23,370.71	80,725.03	
Residential Base Rate Revenue	\$ 59,741.65	\$ 40,137.25	\$ 26,466.91	\$ 19,666.03	\$ 16,753.61	\$ 14,788.64	\$ 12,184.76	\$ 12,716.76	\$ 13,525.90	\$ 17,620.31	\$ 24,636.27	\$ 58,263.83	\$ 316,501.92	
													320,288.03	
													Difference	\$ (3,786.11)

Commercial Therm Sales and Number of Commercial Customers - Mather Test Year 2009

Season	Winter	Winter	Winter	Summer	Winter	Winter	YTD	Summer	Winter							
	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09				
5% Increase Schedule 2																
Schedule 2 Customers @ 12/31/09	90,340	64,692	43,365	33,942	24,124	19,036	13,647	16,301	18,615	26,286	43,151	78,543	472,043	151,951	320,092	472,043
Schedule 3 Wherry Customers @ 12/31/09	2,790	1,706	1,083	1,940	348	155	98	155	217	2,357	4,460	1,785	17,094	5,270	11,824	17,094
Schedule 4 Customers @ 12/31/09													3			
Total Therms	93,130	66,398	44,448	35,882	24,472	19,191	13,745	16,456	18,832	28,643	47,611	80,328	489,137			

West Coast Gas Company, Inc.

Test-Year 2013 Operating Expense Labor

	<u>Supervision</u> 760	<u>Locates</u> 761	<u>Meters & Regulators</u> 763	<u>Customer Installations</u> 764	<u>Misc Distribution</u> 765	<u>Maintenance of Lines</u> 767	<u>Leak Repairs</u> 887	<u>Meter Reads</u> 901	<u>Customer Accounts (1)</u> 902	<u>Admin & General</u> 920	<u>Vacation</u> 926	<u>Total</u>	
2011 Recorded													
Gross Payroll Including Employer													
Payroll Taxes	\$ 174,939.56	\$ 6,516.63	\$ 7,431.03	\$ 12,323.99	\$ 33,663.70	\$ 34,651.57	\$ 18,359.79	\$ 15,237.11	\$ 84,367.70	\$ 89,201.97	\$ 23,824.37	\$ 500,517.40	
2012 Pro Forma Adjustment	<u>(10,076.04)</u>	-	-	-	-	-	-	-	<u>(5,813.10)</u>	<u>(10,076.04)</u>	-	<u>\$ (25,965.18)</u>	
2012 Pro Forma Before Esc %	\$ 164,863.52	\$ 6,516.63	\$ 7,431.03	\$ 12,323.99	\$ 33,663.70	\$ 34,651.57	\$ 18,359.79	\$ 15,237.11	\$ 78,554.60	\$ 79,125.93	\$ 23,824.37	\$ 474,552.22	
2012 Pro Forma Esc. Rate													
Increase ¹	1.75%	<u>2,885.11</u>	<u>114.04</u>	<u>130.04</u>	<u>215.67</u>	<u>589.11</u>	<u>606.40</u>	<u>321.30</u>	<u>266.65</u>	<u>1,374.71</u>	<u>1,384.70</u>	<u>416.93</u>	<u>8,304.66</u>
2012 Adjustments		<u>2,885.11</u>	<u>114.04</u>	<u>130.04</u>	<u>215.67</u>	<u>589.11</u>	<u>606.40</u>	<u>321.30</u>	<u>266.65</u>	<u>1,374.71</u>	<u>1,384.70</u>	<u>416.93</u>	<u>8,304.66</u>
Total Before Transfers		\$ 167,748.63	\$ 6,630.67	\$ 7,561.07	\$ 12,539.66	\$ 34,252.81	\$ 35,257.97	\$ 18,681.09	\$ 79,929.30	\$ 80,510.63	\$ 24,241.29	\$ 482,856.88	
Transfers to Work Orders		-	-	-	-	-	-	-	-	-	-	-	
Net Charged to Oper Accts		\$ 167,748.63	\$ 6,630.67	\$ 7,561.07	\$ 12,539.66	\$ 34,252.81	\$ 35,257.97	\$ 18,681.09	\$ 79,929.30	\$ 80,510.63	\$ 24,241.29	482,856.88	
2012 Net Change		\$ 2,885.11	\$ 114.04	\$ 130.04	\$ 215.67	\$ 589.11	\$ 606.40	\$ 321.30	\$ 266.65	\$ 1,374.71	\$ 1,384.70	\$ 416.93	\$ 8,304.66
2013 Test Year Esc. Rate													
Increase	2.00%	<u>3,354.97</u>	<u>132.61</u>	<u>151.22</u>	<u>250.79</u>	<u>685.06</u>	<u>705.16</u>	<u>373.62</u>	<u>310.08</u>	<u>1,598.59</u>	<u>1,610.21</u>	<u>484.83</u>	<u>9,657.14</u>
Total Before Transfers		171,103.60	6,763.28	7,712.29	12,790.45	34,937.87	35,963.13	19,054.71	81,527.89	82,120.84	24,726.12	492,514.02	
Transfers to Work Orders		-	-	-	-	-	-	-	-	-	-	-	
Net Charged to Oper Accts		\$ 171,103.60	\$ 6,763.28	\$ 7,712.29	\$ 12,790.45	\$ 34,937.87	\$ 35,963.13	\$ 19,054.71	\$ 81,527.89	\$ 82,120.84	\$ 24,726.12	\$ 492,514.02	
2013 Net Change		\$ 3,354.97	\$ 132.61	\$ 151.22	\$ 250.79	\$ 685.06	\$ 705.16	\$ 373.62	\$ 310.08	\$ 1,598.59	\$ 1,610.21	\$ 484.83	\$ 9,657.14

(1) As used in 2012 Attrition Year Filing

West Coast Gas Company, Inc.

2013 Test Year
Pension and Benefits - FERC Account #926

A <u>Medical Insurance Payments</u>		Recorded			Adjustments 2011	Normalized 2011	2012	2013
		2009	2010	2011			Pro Forma Esc @ 5.40%	Test Year Esc @ 5.40%
<u>Employer Costs</u>								
<u>Employee Title</u>	<u>Provider</u>							
CEO + Dependent	Blue Cross	\$ 3,681.00	\$ 5,112.00	\$ 5,658.90	-	\$ 5,658.90	\$ 5,964.48	\$ 6,286.56
1 CFO +	Blue Sheild	10,161.00	8,116.00	1,008.40	1 -	1,008.40	1,062.85	1,120.25
2 Dependent		3,730.00	-	-	2 -	-	-	-
3 O&M Manager + Dep	Blue Sheild	4,785.00	5,579.00	6,252.00	3 -	6,252.00	6,589.61	6,945.45
4 Office Manager	Blue Sheild	4,785.00	5,579.00	6,252.00	4 -	6,252.00	6,589.61	6,945.45
5 O&M Tech II	Blue Sheild	3,446.00	4,007.00	4,724.00	5 -	4,724.00	4,979.10	5,247.97
6 O&M Tech II		-	-	4,120.00	-	4,120.00	4,342.48	4,576.97
		-	-	-	-	-	-	-
		-	-	-	-	-	-	-
Total		\$ 30,588.00	\$ 28,393.00	\$ 28,015.30	\$ -	\$ 28,015.30	\$ 29,528.13	\$ 31,122.65

B <u>Vision Benefits</u>		Recorded			Adjustments 2011	Normalized 2011	2012	2013
		2009	2010	2011			Pro Forma Esc @ 5.40%	Test Year Esc @ 5.40%
<u>Employer Cost</u>		\$ 1,090.87	\$ 1,190.04	\$ 1,374.05	\$ -	\$ 1,374.05	\$ 1,448.25	\$ 1,526.45
Employee Contribution		(474.87)	(518.04)	(516.17)	-	(516.17)	(544.04)	(573.42)
Provider:Principal Financial Group		\$ 616.00	\$ 672.00	\$ 857.88	\$ -	\$ 857.88	\$ 904.21	\$ 953.03

C <u>Dental Benefits</u>		2009	2010	2011	Adjustments 2011	Normalized 2011	2012	2013
							Pro Forma Esc @ 5.40%	Test Year Esc @ 5.40%
<u>Employer Cost</u>		\$ 4,138.64	\$ 4,659.75	\$ 5,459.20	\$ -	\$ 5,459.20	\$ 5,754.00	\$ 6,064.71
Employee Contribution		(1,291.84)	(1,454.60)	(1,497.88)	-	(1,497.88)	(1,578.77)	(1,664.02)
Provider:Principal Financial Group		\$ 2,846.80	\$ 3,205.15	\$ 3,961.32	\$ -	\$ 3,961.32	\$ 4,175.23	\$ 4,400.69

Summary of Employee Benefits FERC Account #926

	2011	2012	2013	2013
	Normalized	Pro Forma	Test Year	Avg Test Year
A <u>Medical Insurance Payments</u>	\$ 28,015.30	\$ 29,528.13	\$ 31,122.65	\$ 30,325.39
B <u>Vision Benefits</u>	857.88	904.21	953.03	928.62
C <u>Dental Benefits</u>	3,961.32	4,175.23	4,400.69	4,287.96
	-	-	-	-
Total Employee Benefits	\$ 32,834.50	\$ 34,607.56	\$ 36,476.37	\$ 35,541.97
D <u>Vacation</u>	\$ 23,824.37	\$ 24,241.29	\$ 24,726.12	\$ 24,483.70
Total Estimated Account 926	\$ 56,658.87	\$ 58,848.85	\$ 61,202.49	\$ 60,025.67

West Coast Gas Company, Inc.
Test-Year 2013
Non-Labor Operating Expenses

FERC Acct. No.	A 2011 Recorded Total Expense	B 2011 Recorded Non-Labor Expense	C 2012 Adjustments Non-Labor Expense	D 2012 Non-Labor Expense Pro Forma	E 2013 Adjustments Non-Labor Expense	F 2013 Non-Labor Expense Test Year
401 <u>Operations Expense - Distribution</u>						
762 Mains and Services Supply	\$ 10,564.51	\$ 10,564.51	(1) \$ 184.88	\$ 10,749.39	(6) \$ 214.99	\$ 10,964.38
763 Meters and House Regulators Expense	7,431.02	-	-	-	-	-
765 Misc. Distribution Expense	91,412.26	57,748.56	(1) 1,010.60	58,759.16	(6) 1,175.18	59,934.34
766 Rents	<u>80,843.73</u>	<u>80,843.73</u>	(1) 1,414.77	<u>82,258.50</u>	(6) <u>1,645.17</u>	<u>83,903.67</u>
Total Distribution Expense	\$ 190,251.52	\$ 149,156.80	\$ 2,610.24	\$ 151,767.04	\$ 3,035.34	\$ 154,802.38
402 <u>Maintenance Expense - Distribution</u>						
767 Maintenance of Lines	\$ 43,736.84	\$ 9,085.27	(1) \$ 158.99	\$ 9,244.26	(6) \$ 184.89	\$ 9,429.14
768 Maintenance of Meters	-	-	-	-	-	-
887 Leak Repairs (7)	<u>34,149.05</u>	<u>15,789.26</u>	(7) <u>(2,453.80)</u>	<u>13,568.83</u>	(6) <u>271.38</u>	<u>13,840.21</u>
Total Maintenance Expense	\$ 77,885.89	\$ 24,874.53	\$ (2,294.81)	\$ 22,813.09	\$ 456.26	\$ 23,269.35
402 <u>Customer Accounting Expense</u>						
903 Supplies Expense	\$ 13,771.37	\$ 13,771.37	(1) \$ 241.00	\$ 14,012.37	(6) \$ 280.25	\$ 14,292.62
904 Uncollectible Accounts	-	-	-	-	-	-
Total Customer Accounting Expense	\$ 13,771.37	\$ 13,771.37	\$ 241.00	\$ 14,012.37	\$ 280.25	\$ 14,292.62

FERC Acct. No.	A 2011 Recorded Total Expense	B 2011 Recorded Non-Labor Expense	C 2011 Adjustments Non-Labor Expense	D 2012 Non-Labor Expense Pro Forma	E 2013 Adjustments Non-Labor Expense	F 2013 Non-Labor Expense Test Year
402 <u>Administration and General Expense</u>						
921 Office Supplies & Office Expenses	\$ 14,659.95	\$ 14,659.95	(1) \$ 256.55	\$ 14,916.50	(6) \$ 261.04	\$ 15,177.54
922 A&G Transferred (Cr)	-	-	-	-	-	-
923 Outside Services	16,319.43	16,319.43	(1) 285.59	16,605.02	(6) 332.10	16,937.12
924 Property & Liability & Work Comp Ins	43,213.13	43,213.13	(1) 756.23	43,969.36	(6) 879.39	44,848.75
926 <u>Employee Benefits & Vacation</u>						
Benefits (3)	32,834.50	32,834.50	(3) 1,773.06	34,607.56	(3) 1,868.81	36,476.37
Vacation (4)	24,493.55	24,493.55	(4) 416.93	24,910.47	(4) 484.83	25,395.30
930 Misc. General Expense	26,947.91	26,947.91	(1) 471.59	27,419.50	(6) 548.39	27,967.89
933 Transportation Expense	-	-	(1) -	-	(6) -	-
935 Maintenance of General Plant	<u>17,924.08</u>	<u>17,924.08</u>	(1) <u>313.67</u>	<u>18,237.75</u>	(6) <u>364.76</u>	<u>18,602.51</u>
Total Administration & General Expense	\$ 176,392.55	\$ 176,392.55	\$ 4,273.62	\$ 180,666.16	\$ 4,739.31	\$ 185,405.47
Total Non-Labor Operating Expenses		\$ 364,195.24	\$ 4,830.06	\$ 369,258.67	\$ 8,511.16	\$ 377,769.82

Adjustments:

- (1) 2012 Escalation @ 1.75% As used in 2012 Attrition Year Filing
(2) Outside Consultant (Heath) 2008 Leak Surveys Mather and Castle \$11,670.00.
(3) See Tab 5
(4) See Tab 4

- (6) 2013 Escalation @ 2.00%
(7) Outside Consultant Leak Surveys

	2008	2011
Mather	\$ 7,060.35	\$ 5,298.13
Castle	<u>6,185.10</u>	<u>2,388.75</u>
Total	\$ 13,245.45	\$ 7,686.88
Average Per Year		\$ 5,233.08
2011 Adjustments:	Less Actual	\$ (7,686.88)
	Add Normal	<u>5,233.08</u>
	Net Adjustment	\$ (2,453.80)

West Coast Gas Company, Inc.

Test-Year 2013

Non-Labor Operating Expenses

Summary of Major Expense Items

Included in FERC Operating Expense Accounts

FERC Acct. No.	Recorded 2011 Non-Labor Expense	Description
401 Operations Expense - Distribution		
762 Mains and Services Supply	\$ 10,564.51	Amortization of Materials and Supplies Inventory on 12 month rolling average and incidental purchases.
763 Meters and House Regulators Expense	-	Replacement Parts and Meter Testing.
765 Misc. Distribution Expense	57,748.56	Land and Cell Phones, Vehicle Repairs and Fuel Expenses, Electricity for Rectifiers and Misc. Field Expenses.
766 Rents	80,843.73	Lease of Maintenance Facility in Sacramento and lease of welding gas cylinders.
Total Operations Expense	\$ 149,156.80	
402 Maintenance Expense - Distribution		
767 Maintenance of Lines	\$ 9,085.27	Materials purchased for specific mains and service maintenance and repairs and USA Underground annual fees.
768 Maintenance of Meters	-	Materials purchased for repair of meters.
887 Leak Repairs	15,789.26	Materials and Equipment Rental (backhoe, concrete saw ect.), plus roadway and landscape repairs and 3rd party leak survey.
Total Maintenance Expense	\$ 24,874.53	
402 Customer Accounting Expense		
903 Supplies Expense	\$ 13,771.37	Postage for monthly billings, billing forms and envelopes.
904 Uncollectable Accounts	-	
Total Customer Accounting Expense	13,771.37	
402 Administration and General Expense		
921 Office Supplies & Office Expenses	\$ 14,659.95	Office phones, office supplies, office equipment leases and allocated lease rent.
922 A&G Transferred (Cr)	-	A&G Expense capitalized on work orders.
923 Outside Services	16,319.43	Legal services, outside CPA services, payroll service, and answering service.
924 Property & Liability & Work Comp Ins	43,213.13	Property and liability insurance, vehicle insurance and workmen's compensation insurance.
926 <u>Employee Benefits & Vacation:</u>		Employee medical insurance, dental insurance, life insurance and 401K and vacation hour.
Benefits (3)	32,834.50	
Vacation (4)	24,493.55	
930 Misc. General Expense	26,947.91	Bank fees including NSF check fees and credit card fees.
933 Transportation Expense	-	Officer fuel and transportation expenses.
935 Maintenance of General Plant	17,924.08	Utilities, maintenance, garbage collection, landscape for maintenance/office building in Sacramento.
Total Administration & General Expense	\$ 176,392.55	

Description of Major Non-Labor Expense by FERC Account

West Coast Gas Company, Inc.

Test-Year 2013 Plant in Service

FERC Acct. No.	Yr End Balance <u>2012 Pro Forma</u>	Plant Additions <u>2013 Test Year</u>	Yr End Balance <u>2013 Test Year</u>	Test Year Average <u>Plant in Service</u>
301-303	\$ 239,184.34		\$ 239,184.34	\$ 239,184.34
374-387				
<u>Distribution Plant</u>				
376 Mains	\$ 1,199,451.40	\$ 6,992.85	\$ 1,206,444.26	\$ 1,202,947.83
377 Compressor Station Equipment	-	-	-	-
378 Measuring and Regulating Equipment	59,943.84	13,580.17	73,524.01	66,733.93
379 Measuring Equipment Station Gate	59,398.90	-	59,398.90	59,398.90
380 Services	410,061.40	-	410,061.40	410,061.40
381 Meters	486,281.98	2,631.87	488,913.84	487,597.91
382 Meter Installations	12,955.45	66.18	13,021.63	12,988.54
383 House Regulators	8,748.59	976.40	9,725.00	9,236.80
385 Industrial Measuring and Regulating Station	115,047.51	8,089.76	123,137.26	119,092.39
386 Other Equip on Customer Premises	-	-	-	-
387 Cathodic Protection Installations	57,955.50	3,895.67	61,851.16	59,903.33
Total Distribution Plant	\$ 2,409,844.57	\$ 36,232.90	\$ 2,446,077.46	\$ 2,427,961.02
374-387				
<u>General Plant</u>				
389 Land and Land Rights	\$ -	\$ -	\$ -	\$ -
390 Structures and Improvements	-	-	-	-
391 Office Furniture and Equip.	3,297.92	552.13	3,850.04	3,573.98
392 Transportation Equip.	210,379.80	11,126.28	221,506.09	215,942.95
393 Stores Equip.	-	-	-	-
394 Tools, Shop, and Garage Equip.	34,514.72	1,787.45	36,302.18	35,408.45
395 Laboratory Equip.	-	-	-	-
396 Power Operated Equip.	34,594.98	8,298.62	42,893.59	38,744.29
397 Communications Equip.	4,724.59	740.05	5,464.63	5,094.61
398 Misc. Equip.	18,092.35	4,137.81	22,230.17	20,161.26
Total General Plant	\$ 305,604.36	\$ 26,642.34	\$ 332,246.70	\$ 318,925.53
Total	\$ 2,954,633.27	\$ 62,875.24	\$ 3,017,508.50	\$ 2,986,070.88

Test Year 2013 Gross Plant In
Service and Accumulated Reserve For Depreciation

West Coast Gas Company, Inc.

Test-Year 2013

Accumulated Reserve for Depreciation

FERC Acct. <u>No.</u>	Yr End Balance <u>2013 Pro Forma</u>	Depreciation Expense <u>2013 Test Year</u>	Yr End Balance <u>2013 Test Year</u>	Test Year Average <u>Reserve for Depr</u>
301-303 <u>Intangible Plant</u>	\$ -	\$ -	\$ -	\$ -
374-387 <u>Distribution Plant</u>				
376 Mains	\$ 582,743.60	\$ 40,098.20	\$ 622,841.80	\$ 602,792.70
377 Compressor Station Equipment	-	-	-	-
378 Measuring and Regulating Equipment	15,342.87	6,143.24	21,486.10	18,414.48
379 Measuring Equipment Station Gate	26,321.92	1,979.96	28,301.88	27,311.90
380 Services	164,262.61	13,668.71	177,931.32	171,096.97
381 Meters	256,919.34	24,379.91	281,299.25	269,109.30
382 Meter Installations	5,866.24	649.43	6,515.67	6,190.96
383 House Regulators	2,429.72	461.79	2,891.51	2,660.62
385 Industrial Measuring and Regulating Station	33,038.20	3,969.75	37,007.95	35,023.07
386 Other Equip on Customer Premises	-	-	-	-
387 Cathodic Protection Installations	20,053.48	2,291.42	22,344.90	21,199.19
Total Distribution Plant	\$ 1,106,977.97	\$ 93,642.41	\$ 1,200,620.38	\$ 1,153,799.18
374-387 <u>General Plant</u>				
389 Land and Land Rights	\$ -	\$ -	\$ -	\$ -
390 Structures and Improvements	-	-	-	-
391 Office Furniture and Equip.	393.06	253.43	646.49	519.77
392 Transportation Equip.	136,177.40	7,884.51	144,061.91	140,119.66
393 Stores Equip.	-	-	-	-
394 Tools, Shop, and Garage Equip.	32,271.49	1,480.35	33,751.84	33,011.67
395 Laboratory Equip.	-	-	-	-
396 Power Operated Equip.	20,152.46	7,748.83	27,901.29	24,026.88
397 Communications Equip.	3,877.71	1,018.93	4,896.64	4,387.18
398 Misc. Equip.	9,091.62	4,032.30	13,123.93	11,107.77
Total General Plant	\$ 201,963.74	\$ 22,418.35	\$ 224,382.10	\$ 213,172.92
Total	\$ 1,308,941.72	\$ 116,060.76	\$ 1,425,002.48	\$ 1,366,972.10

Test Year 2013 Gross Plant In
Service and Accumulated Reserve For Depreciation

West Coast Gas Company, Inc.

Test-Year 2013
Gross Plant in Service and Plant Additions
Recorded Years 2009-2011
2012 Pro Forma and 2013 Test Year

FERC Acct. No.	Yr End Balance 2008	Plant Additions 2009	Yr End Balance 2009	Plant Additions 2010	Yr End Balance 2010	Plant Additions 2011	Yr End Balance 2011	Plant Additions 2012 Pro Forma	Yr End Balance 2012 Pro Forma
301-303 <u>Intangible Plant</u>	\$ 239,184.34	\$ -	\$ 239,184.34	\$ -	\$ 239,184.34	\$ -	\$ 239,184.34	\$ -	\$ 239,184.34
374-387 <u>Distribution Plant</u>									
376 Mains	\$ 1,171,479.99	\$ 4,406.02	\$ 1,175,886.01	\$ 16,241.16	1,192,127.17	\$ 331.38	\$ 1,192,458.55	\$ 6,992.85	\$ 1,199,451.40
377 Compressor Station Equipment	-	-	-	-	-	-	-	-	-
378 Measuring and Regulating Equipment	5,623.16	-	5,623.16	40,740.51	46,363.67	-	46,363.67	13,580.17	59,943.84
379 Measuring Equipment Station Gate	59,398.90	-	59,398.90	-	59,398.90	-	59,398.90	-	59,398.90
380 Services	410,061.40	-	410,061.40	-	410,061.40	-	410,061.40	-	410,061.40
381 Meters	475,754.51	3,024.38	478,778.89	2,327.49	481,106.38	2,543.73	483,650.11	2,631.87	486,281.98
382 Meter Installations	12,690.73	198.54	12,889.27	-	12,889.27	-	12,889.27	66.18	12,955.45
383 House Regulators	4,842.98	1,233.87	6,076.85	846.89	6,923.74	848.45	7,772.19	976.40	8,748.59
385 Industrial Measuring and Regulating Station	82,688.48	24,269.27	106,957.75	-	106,957.75	-	106,957.75	8,089.76	115,047.51
386 Other Equip on Customer Premises	-	-	-	-	-	-	-	-	-
387 Cathodic Protection Installations	42,372.83	9,484.00	51,856.83	2,203.00	54,059.83	-	54,059.83	3,895.67	57,955.50
<u>Total Distribution Plant</u>	<u>\$ 2,264,912.98</u>	<u>\$ 42,616.08</u>	<u>\$ 2,307,529.06</u>	<u>\$ 62,359.05</u>	<u>\$ 2,369,888.11</u>	<u>\$ 3,723.56</u>	<u>\$ 2,373,611.67</u>	<u>\$ 36,232.90</u>	<u>\$ 2,409,844.57</u>
374-387 <u>General Plant</u>									
389 Land and Land Rights	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -
390 Structures and Improvements	-	-	-	-	-	-	-	-	-
391 Office Furniture and Equip. ¹	19,566.67	1,104.25	20,670.92	(17,925.13)	2,745.79	-	2,745.79	552.13	3,297.92
392 Transportation Equip.	165,874.67	32,429.80	198,304.47	949.05	199,253.52	-	199,253.52	11,126.28	210,379.80
393 Stores Equip.	-	-	-	-	-	-	-	-	-
394 Tools, Shop, and Garage Equip.	27,364.91	1,115.45	28,480.36	3,143.23	31,623.59	1,103.68	32,727.27	1,787.45	34,514.72
395 Laboratory Equip.	-	-	-	-	-	-	-	-	-
396 Power Operated Equip.	1,400.51	18,489.84	19,890.35	728.61	20,618.96	5,677.40	26,296.36	8,298.62	34,594.98
397 Communications Equip.	1,764.40	522.91	2,287.31	54.12	2,341.43	1,643.11	3,984.54	740.05	4,724.59
398 Misc. Equip.	1,541.10	2,391.89	3,932.99	8,204.04	12,137.03	1,817.51	13,954.54	4,137.81	18,092.35
<u>Total General Plant</u>	<u>\$ 217,512.26</u>	<u>\$ 56,054.14</u>	<u>\$ 273,566.40</u>	<u>\$ (4,846.08)</u>	<u>\$ 268,720.32</u>	<u>\$ 10,241.70</u>	<u>\$ 278,962.02</u>	<u>\$ 26,642.34</u>	<u>\$ 305,604.36</u>
<u>Total Gas Plant in Service</u>	<u>\$ 2,721,609.58</u>	<u>\$ 98,670.22</u>	<u>\$ 2,820,279.80</u>	<u>\$ 57,512.97</u>	<u>\$ 2,877,792.77</u>	<u>\$ 13,965.26</u>	<u>\$ 2,891,758.03</u>	<u>\$ 62,875.24</u>	<u>\$ 2,954,633.27</u>

¹ 2010 Retirement of fully depreciated Office Furniture and Equipment

West Coast Gas Company, Inc.

Test-Year 2013
Gross Plant in Service and Plant Additions
Recorded Years 2009-2011
2012 Pro Forma and 2013 Test Year

FERC Acct. No.	Plant Additions 2013 Test Year	Yr End Balance 2013 Test Year	Yr End 2012 Balance		Yr End 2013 Balance		Test Yr 2013 Average Balance		Test Yr 2013 Total Jurisdictional			
			Mather	Castle	Mather	Castle	Mather	Castle				
301-303	Intangible Plant	\$ -	\$ 239,184.34	\$ 189,660.42	\$ 49,523.92	\$ 189,660.42	\$ 49,523.92	\$ 189,660.42	\$ 49,523.92	\$ 239,184.34		
374-387	Distribution Plant											
376	Mains	\$ 6,992.85	\$ 1,206,444.26	\$ 1,039,324.90	\$ 160,126.51	\$ 1,042,821.32	86%	\$ 163,622.93	14%	\$ 1,041,073.11	\$ 161,874.72	\$ 1,202,947.83
377	Compressor Station Equipment											
378	Measuring and Regulating Equipment	13,580.17	73,524.01	12,413.25	47,530.60	19,203.33	26%	54,320.68	74%	15,808.29	50,925.64	66,733.93
379	Measuring Equipment Station Gate	-	59,398.90	32,652.75	26,746.15	32,652.75	55%	26,746.15	45%	32,652.75	26,746.15	59,398.90
380	Services	-	410,061.40	389,572.35	20,489.05	389,572.35	95%	20,489.05	5%	389,572.35	20,489.05	410,061.40
381	Meters	2,631.87	488,913.84	477,713.15	8,568.82	479,029.09	98%	9,884.76	2%	478,371.12	9,226.79	487,597.91
382	Meter Installations	66.18	13,021.63	12,399.73	555.72	12,432.82	95%	588.81	5%	12,416.28	572.27	12,988.54
383	House Regulators	976.40	9,725.00	6,959.81	1,788.78	7,448.01	77%	2,276.98	23%	7,203.91	2,032.88	9,236.80
385	Industrial Measuring and Regulating Station	8,089.76	123,137.26	29,807.15	85,240.36	33,852.03	27%	89,285.24	73%	31,829.59	87,262.80	119,092.39
386	Other Equip on Customer Premises	-	-	-	-	-	-	-	-	-	-	-
387	Cathodic Protection Installations	3,895.67	61,851.16	25,172.97	32,782.52	27,120.81	44%	34,730.36	56%	26,146.89	33,756.44	59,903.33
	Total Distribution Plant	\$ 36,232.90	\$ 2,446,077.46	\$ 2,026,016.06	\$ 383,828.51	\$ 2,044,132.51		\$ 401,944.96		\$ 2,035,074.28	\$ 392,886.73	\$ 2,427,961.02
374-387	General Plant											
389	Land and Land Rights	\$ -	\$ -	\$ -	\$ -	\$ -						
390	Structures and Improvements											
391	Office Furniture and Equip.	552.13	3,850.04	3,297.92	-	3,850.04				3,573.98		
392	Transportation Equip.	11,126.28	221,506.09	210,379.80	-	221,506.09				215,942.95		
393	Stores Equip.	-	-	-	-	-				-		
394	Tools, Shop, and Garage Equip.	1,787.45	36,302.18	34,514.72	-	36,302.18				35,408.45		
395	Laboratory Equip.	-	-	-	-	-				-		
396	Power Operated Equip.	8,298.62	42,893.59	34,594.98	-	42,893.59				38,744.29		
397	Communications Equip.	740.05	5,464.63	4,724.59	-	5,464.63				5,094.61		
398	Misc. Equip.	4,137.81	22,230.17	18,092.35	-	22,230.17				20,161.26		
	Total General Plant	\$ 26,642.34	\$ 332,246.70	\$ 305,604.36	\$ -	\$ 332,246.70				\$ 318,925.53		
	Total Gas Plant in Service	\$ 62,875.24	\$ 3,017,508.50	\$ 2,521,280.84	\$ 433,352.43	\$ 2,566,039.62		\$ 451,468.88		\$ 2,543,660.23	\$ 442,410.65	
	Total Gross Plant			Check ok \$2,954,633.27		Check ok \$ 3,017,508.50		Total Dist + Gen Plant		\$ 2,986,070.88		

West Coast Gas Company, Inc.

Test-Year 2013

Depreciation Expense and Balance of Accumulated Reserve for Depreciation Recorded Years 2008-2011

FERC Acct. No.	Yr End Balance 2008	Depr Expense 2009	Yr End Balance 2009	Depr Expense 2010	Yr End Balance 2010	Depr Expense 2011	Yr End Balance 2011	Adjustments to Annualize 2011 Expense	Annualized Depr Expense 2011
374-387 Distribution Plant									
376 Mains	\$ 424,324.02	\$ 39,087.05	\$ 463,411.07	\$ 39,608.69	\$ 503,019.76	\$ 39,742.18	\$ 542,761.94	\$ 6.38	\$ 39,748.56
377 Compressor Station Equipment	-	-	-	-	-	-	-	-	-
378 Measuring and Regulating Equipment	5,368.55	32.21	5,400.76	371.67	5,772.43	4,106.21	9,878.64	-	4,106.21
379 Measuring Equipment Station Gate	18,402.07	1,979.96	20,382.03	1,979.97	22,362.00	1,979.96	24,341.96	-	1,979.96
380 Services	109,587.76	13,668.72	123,256.48	13,668.71	136,925.19	13,668.71	150,593.90	-	13,668.71
381 Meters	160,555.96	23,918.18	184,474.14	23,987.44	208,461.58	24,143.65	232,605.23	38.87	24,182.52
382 Meter Installations	3,286.92	642.61	3,929.53	644.46	4,573.99	644.47	5,218.46	-	644.47
383 House Regulators	989.80	290.23	1,280.03	327.24	1,607.27	385.07	1,992.34	3.49	388.56
385 Industrial Measuring and Regulating Station	19,059.70	3,013.07	22,072.77	3,565.25	25,638.02	3,565.26	29,203.28	-	3,565.26
386 Other Equip on Customer Premises	-	-	-	-	-	-	-	-	-
387 Cathodic Protection Installations	11,894.45	1,780.58	13,675.03	2,078.93	15,753.96	2,078.93	17,832.89	-	2,078.93
Total Distribution Plant	\$ 753,469.23	\$ 84,412.61	\$ 837,881.84	\$ 86,232.36	\$ 924,114.20	\$ 90,314.44	\$ 1,014,428.64	\$ 48.74	\$ 90,363.18
374-387 General Plant									
390 Structures and Improvements	-	-	-	-	-	-	-	-	-
391 Office Furniture and Equipment ¹	\$ 20,896.25	\$ 118.32	\$ 21,014.57	\$ (20,970.62)	\$ 43.95	\$ 135.11	\$ 179.06	\$ 0.01	\$ 135.12
392 Transportation Equip.	88,606.65	16,857.72	105,464.37	14,944.01	120,408.38	7,884.51	128,292.89	-	7,884.51
393 Stores Equip.	-	-	-	-	-	-	-	-	-
394 Tools, Shop, and Garage Equip.	22,464.30	3,482.63	25,946.93	3,810.73	29,757.66	1,145.20	30,902.86	-	1,145.20
395 Laboratory Equip.	-	-	-	-	-	-	-	-	-
396 Power Operated Equip.	2,040.73	2,555.81	4,596.54	4,002.36	8,598.90	4,634.60	13,233.50	624.64	5,259.24
397 Communications Equip.	1,442.59	428.61	1,871.20	462.87	2,334.07	598.71	2,932.78	198.21	796.92
398 Misc. Equip.	898.05	746.73	1,644.78	1,064.07	2,708.85	2,764.25	5,473.10	26.71	2,790.96
Total General Plant	\$ 136,348.57	\$ 24,189.82	\$ 160,538.39	\$ 3,313.42	\$ 163,851.81	\$ 17,162.38	\$ 181,014.19	\$ 849.57	\$ 18,011.95
Total Gas Plant in Service	\$ 889,817.80	\$ 108,602.43	\$ 998,420.23	\$ 89,545.78	\$ 1,087,966.01	\$ 107,476.82	\$ 1,195,442.83	\$ 898.31	\$ 108,375.13

¹ 2010 Retirement of fully depreciated Office Furniture and Equipment

West Coast Gas Company, Inc.

Test-Year 2011

Depreciation Expense and Balance of Accumulated Reserve for Depreciation Recorded Years 2008-2011

FERC Acct. No.		2012 Pro Forma Changes in Depr Expense	2012 Pro Forama Depr Expense	Yr End Balance 2012	2013 Test Year Changes in Depr Expense	Depr Expense 2013	Yr End Balance 2013	Yr End 2013 Balance	
								Mather	Castle
374-387 Distribution Plant									
376	Mains	\$ 233.10	\$ 39,981.66	\$ 582,743.60	\$ 116.55	\$ 40,098.20	\$ 622,841.80	\$ 538,369.43	\$ 84,472.37
377	Compressor Station Equipment								
378	Measuring and Regulating Equipment	1,358.02	5,464.23	15,342.87	679.01	6,143.24	21,486.10	5,611.84	15,874.27
379	Measuring Equipment Station Gate	-	1,979.96	26,321.92	-	1,979.96	28,301.88	15,558.10	12,743.78
380	Services	-	13,668.71	164,262.61	-	13,668.71	177,931.32	169,040.84	8,890.48
381	Meters	131.59	24,314.11	256,919.34	65.80	24,379.91	281,299.25	275,612.00	5,687.25
382	Meter Installations	3.31	647.78	5,866.24	1.65	649.43	6,515.67	6,221.05	294.62
383	House Regulators	48.82	437.38	2,429.72	24.41	461.79	2,891.51	2,214.50	677.01
385	Industrial Measuring and Regulating Station	269.66	3,834.92	33,038.20	134.83	3,969.75	37,007.95	10,173.96	26,833.98
386	Other Equip on Customer Premises	-	-	-	-	-	-	-	-
387	Cathodic Protection Installations	141.66	2,220.59	20,053.48	70.83	2,291.42	22,344.90	9,797.90	12,547.00
	Total Distribution Plant	\$ 2,186.15	\$ 92,549.33	\$ 1,106,977.97	\$ 1,093.08	\$ 93,642.41	\$ 1,200,620.38	\$ 1,032,599.63	\$ 168,020.76
374-387 General Plant									
390 Structures and Improvements									
391	Office Furniture and Equip.	78.88	214.00	393.06	39.44	253.43	646.49	646.49	
392	Transportation Equip.	-	7,884.51	136,177.40	-	7,884.51	144,061.91	144,061.91	
393	Stores Equip.	-	-	-	-	-	-	-	
394	Tools, Shop, and Garage Equip.	223.43	1,368.63	32,271.49	111.72	1,480.35	33,751.84	33,751.84	
395	Laboratory Equip.	-	-	-	-	-	-	-	
396	Power Operated Equip.	1,659.72	6,918.96	20,152.46	829.86	7,748.83	27,901.29	27,901.29	
397	Communications Equip.	148.01	944.93	3,877.71	74.00	1,018.93	4,896.64	4,896.64	
398	Misc. Equip.	827.56	3,618.52	9,091.62	413.78	4,032.30	13,123.93	13,123.93	
	Total General Plant	\$ 2,937.60	\$ 20,949.55	\$ 201,963.74	\$ 1,468.80	\$ 22,418.35	\$ 224,382.10	\$ 224,382.10	\$ -
	Total Gas Plant in Service	\$ 5,123.76	\$ 113,498.89	\$ 1,308,941.72	\$ 2,561.88	\$ 116,060.76	\$ 1,425,002.48	\$ 1,256,981.72	\$ 168,020.76
									\$ 1,425,002.48

West Coast Gas Company, Inc.

Test-Year 2013

Depreciation Expense and Balance of Accumulated Reserve for Depreciation
Recorded Years 2008-2011

FERC Acct. No.	Yr End 2012 Balance		Yr End 2013 Balance		Test Yr 2013 Average Balance		Test Yr 2013 Depreciation Expense	
	Mather	Castle	Mather	Castle	Mather	Castle	Mather	Castle
374-387 <u>Distribution Plant</u>								
376 Mains	\$ 503,709.51	\$ 79,034.08	\$ 538,369.43	\$ 84,472.37	\$ 521,039.47	\$ 81,753.23	\$ 36,818.17	\$ 3,280.03
377 Compressor Station Equipment								
378 Measuring and Regulating Equipment	4,007.32	11,335.55	5,611.84	15,874.27	4,809.58	13,604.91	6,143.24	-
379 Measuring Equipment Station Gate	14,469.68	11,852.24	15,558.10	12,743.78	15,013.89	12,298.01	1,318.85	661.11
380 Services	156,055.10	8,207.51	169,040.84	8,890.48	162,547.97	8,549.00	13,176.64	492.07
381 Meters	251,725.00	5,194.34	275,612.00	5,687.25	263,668.50	5,440.79	24,262.89	117.02
382 Meter Installations	5,600.98	265.26	6,221.05	294.62	5,911.01	279.94	649.43	-
383 House Regulators	1,860.83	568.89	2,214.50	677.01	2,037.67	622.95	-	461.79
385 Industrial Measuring and Regulating Station	9,082.63	23,955.57	10,173.96	26,833.98	9,628.30	25,394.78	68.68	3,901.07
386 Other Equip on Customer Premises								
387 Cathodic Protection Installations	8,793.15	11,260.33	9,797.90	12,547.00	9,295.53	11,903.66	849.20	1,442.22
Total Distribution Plant	\$ 955,304.20	\$ 151,673.77	\$ 1,032,599.63	\$ 168,020.76	\$ 993,951.91	\$ 159,847.27	\$ 83,287.09	\$ 10,355.32
					Total	\$ 1,153,799.18		
374-387 <u>General Plant</u>								
390 Structures and Improvements								
391 Office Furniture and Equip.	\$ 393.06		\$ 646.49		\$ 519.77		\$ 253.43	
392 Transportation Equip.	136,177.40		144,061.91		140,119.66		7,884.51	
393 Stores Equip.	-		-		-		-	
394 Tools, Shop, and Garage Equip.	32,271.49		33,751.84		33,011.67		1,480.35	
395 Laboratory Equip.	-		-		-		-	
396 Power Operated Equip.	20,152.46		27,901.29		24,026.88		7,748.83	
397 Communications Equip.	3,877.71		4,896.64		4,387.18		1,018.93	
398 Misc. Equip.	9,091.62		13,123.93		11,107.77		4,032.30	
Total General Plant	\$ 201,963.74		\$ 224,382.10	\$ -	\$ 213,172.92	\$ -	22,418.35	
Total Gas Plant in Service	\$ 1,157,267.94	\$ 151,673.77	\$ 1,256,981.72	\$ 168,020.76	\$ 1,207,124.83	\$ 159,847.27	\$ 105,705.44	\$ 10,355.32
		Check OK \$ 1,308,941.72		Check OK \$ 1,425,002.48		\$ 1,366,972.10		\$ 116,060.76

West Coast Gas Company, Inc.

Test-Year 2013

Allocated Net Plant In Service - Mather, Castle

FERC Acct. No.	Gross Plant in Service Yr End 2012 Balance		Accumulated Reserve for Depreciation Yr End 2012 Balance		Gross Plant in Service Yr End 2013 Balance		Accumulated Reserve for Depreciation Yr End 2013 Balance	
	Mather	Castle	Mather	Castle	Mather	Castle	Mather	Castle
301-303 <u>Intangible Plant</u>	\$ 189,660.42	\$ 49,523.92			\$ 189,660.42	\$ 49,523.92		
374-387 <u>Distribution Plant</u>								
376 Mains	\$ 1,039,324.90	\$ 160,126.51	\$ 503,709.51	\$ 79,034.08	\$ 1,042,821.32	\$ 163,622.93	\$ 538,369.43	\$ 84,472.37
377 Compressor Station Equipment	-	-	-	-	-	-	-	-
378 Measuring and Regulating Equipment	12,413.25	47,530.60	4,007.32	11,335.55	19,203.33	54,320.68	5,611.84	15,874.27
379 Measuring Equipment Station Gate	32,652.75	26,746.15	14,469.68	11,852.24	32,652.75	26,746.15	15,558.10	12,743.78
380 Services	389,572.35	20,489.05	156,055.10	8,207.51	389,572.35	20,489.05	169,040.84	8,890.48
381 Meters	477,713.15	8,568.82	251,725.00	5,194.34	479,029.09	9,884.76	275,612.00	5,687.25
382 Meter Installations	12,399.73	555.72	5,600.98	265.26	12,432.82	588.81	6,221.05	294.62
383 House Regulators	6,959.81	1,788.78	1,860.83	568.89	7,448.01	2,276.98	2,214.50	677.01
385 Industrial Measuring and Regulating Station	29,807.15	85,240.36	9,082.63	23,955.57	33,852.03	89,285.24	10,173.96	26,833.98
386 Other Equip on Customer Premises	-	-	-	-	-	-	-	-
387 Cathodic Protection Installations	25,172.97	32,782.52	8,793.15	11,260.33	27,120.81	34,730.36	9,797.90	12,547.00
Total Distribution Plant	\$ 2,026,016.06	\$ 383,828.51	\$ 955,304.20	\$ 151,673.77	\$ 2,044,132.51	\$ 401,944.96	\$ 1,032,599.63	\$ 168,020.76
374-387 <u>General Plant</u>								
390 Structures and Improvements	\$ -		\$ -		\$ -		\$ -	
391 Office Furniture and Equip.	3,297.92		393.06		3,850.04		646.49	
392 Transportation Equip.	210,379.80		136,177.40		221,506.09		144,061.91	
393 Stores Equip.	-		-		-		-	
394 Tools, Shop, and Garage Equip.	34,514.72		32,271.49		36,302.18		33,751.84	
395 Laboratory Equip.	-		-		-		-	
396 Power Operated Equip.	34,594.98		20,152.46		42,893.59		27,901.29	
397 Communications Equip.	4,724.59		3,877.71		5,464.63		4,896.64	
398 Misc. Equip.	18,092.35		9,091.62		22,230.17		13,123.93	
Total General Plant	\$ 305,604.36		\$ 201,963.74		\$ 332,246.70		\$ 224,382.10	
Total Gas Plant in Service	\$ 2,521,280.84	\$ 433,352.43	\$ 1,157,267.94	\$ 151,673.77	\$ 2,566,039.62	\$ 451,468.88	\$ 1,256,981.72	\$ 168,020.76
Check to Tab 8 & 9		Check OK \$ 2,954,633.27		Check OK \$ 1,308,941.72		Check OK \$ 3,017,508.50		Check OK \$ 1,425,002.48

Test Year 2013
Allocated Net Plant In Service Mather - Castle

West Coast Gas Company, Inc.

Test-Year 2013

Allocated Net Plant In Service - Mather, Castle

FERC Acct. No.	Net Depreciated Plant in Service Yr End 2012		Total Net Plant in Service Yr End 2012	Net Depreciated Plant in Service Yr End 2013		Total Net Plant in Service Yr End 2013
	Mather	Castle		Mather	Castle	
	301-303 <u>Intangible Plant</u>	\$ 189,660.42	\$ 49,523.92	\$ 239,184.34	\$ 189,660.42	\$ 49,523.92
374-387 <u>Distribution Plant</u>						
376 Mains	\$ 535,615.39	\$ 81,092.42	\$ 616,707.81	\$ 504,451.89	\$ 79,150.57	\$ 583,602.46
377 Compressor Station Equipment	-	-	-	-	-	-
378 Measuring and Regulating Equipment	8,405.93	36,195.05	44,600.97	13,591.49	38,446.41	52,037.91
379 Measuring Equipment Station Gate	18,183.07	14,893.91	33,076.98	17,094.65	14,002.37	31,097.02
380 Services	233,517.25	12,281.54	245,798.79	220,531.51	11,598.57	232,130.08
381 Meters	225,988.15	3,374.48	229,362.63	203,417.08	4,197.51	207,614.59
382 Meter Installations	6,798.75	290.46	7,089.21	6,211.77	294.19	6,505.96
383 House Regulators	5,098.98	1,219.89	6,318.87	5,233.51	1,599.97	6,833.49
385 Industrial Measuring and Regulating Station	20,724.52	61,284.79	82,009.31	23,678.06	62,451.25	86,129.32
386 Other Equip on Customer Premises	-	-	-	-	-	-
387 Cathodic Protection Installations	16,379.82	21,522.19	37,902.02	17,322.90	22,183.36	39,506.26
Total Distribution Plant	\$ 1,070,711.86	\$ 232,154.73	\$ 1,302,866.59	\$ 1,011,532.88	\$ 233,924.20	\$ 1,245,457.08
374-387 <u>General Plant</u>						
390 Structures and Improvements	\$ -	-	\$ -	\$ -	-	\$ -
391 Office Furniture and Equip.	2,904.86	-	2,904.86	3,203.55	-	3,203.55
392 Transportation Equip.	74,202.40	-	74,202.40	77,444.18	-	77,444.18
393 Stores Equip.	-	-	-	-	-	-
394 Tools, Shop, and Garage Equip.	2,243.23	-	2,243.23	2,550.34	-	2,550.34
395 Laboratory Equip.	-	-	-	-	-	-
396 Power Operated Equip.	14,442.51	-	14,442.51	14,992.31	-	14,992.31
397 Communications Equip.	846.88	-	846.88	567.99	-	567.99
398 Misc. Equip.	9,000.73	-	9,000.73	9,106.24	-	9,106.24
Total General Plant	\$ 103,640.62	-	\$ 103,640.62	\$ 107,864.60	-	\$ 107,864.60
Total Gas Plant in Service	\$ 1,364,012.90	\$ 281,678.65	\$ 1,645,691.55	\$ 1,309,057.90	\$ 283,448.12	\$ 1,592,506.02
Check to Tab 8 & 9			Check OK \$ 1,645,691.55			Check OK \$ 1,592,506.02

Test Year 2013
Allocated Net Plant In Service Mather - Castle

West Coast Gas Company, Inc.
 Test-Year 2013
 Allocation of Net Distribution Plant

Ferc Acct. No.	Gross Plant Test-Year Average	Mather			Castle			CPUC Jurisdictional Total	Non Jurisdictional	Total System
		Residential Customers	Small Commercial Customers	Test Yr Avg Total Mather	Small Commercial Customers	Test Yr Avg Federal Prison	Total Castle			
301-303	<u>Intangible Plant</u>	(1) \$ 94,830.21	\$ 94,830.21	\$ 189,660.42	\$ 24,761.96	\$ 24,761.96	\$ 49,523.92	\$ 239,184.34		
374-387	<u>Distribution Plant</u>									
376	Mains	\$ 107,275.99	\$ 933,797.12	\$ 1,041,073.11	\$ 95,324.97	\$ 66,549.75	\$ 161,874.72	\$ 1,202,947.83		
377	Compressor Station Equipment									
378	Measuring and Regulating Equipment		15,808.29	15,808.29	50,925.64		50,925.64	66,733.93		
379	Measuring Equipment Station Gate	32,652.75	-	32,652.75	-	26,746.15	26,746.15	59,398.90		
380	Services	297,073.64	92,498.71	389,572.35	20,489.05		20,489.05	410,061.40		
381	Meters	407,732.25	70,638.87	478,371.12	9,226.79		9,226.79	487,597.91		
382	Meter Installations	-	12,416.28	12,416.28	572.27		572.27	12,988.54		
383	House Regulators	-	7,203.91	7,203.91	2,032.88		2,032.88	9,236.80		
385	Industrial Measuring and Regulating Station	-	31,829.59	31,829.59	19,014.95	68,247.85	87,262.80	119,092.39		
386	Other Equip on Customer Premises	-	-	-	-		-	-		
387	Cathodic Protection Installations	10,616.11	15,530.78	26,146.89	33,756.44		33,756.44	59,903.33		
	Total Distribution Plant	\$ 855,350.74	\$ 1,179,723.54	\$ 2,035,074.28	\$ 231,342.98	\$ 161,543.75	\$ 392,886.73	\$ 2,427,961.02	\$ 386,069.44	\$ 2,814,030.46
	Jurisdictional Allocated %	30.4%	41.9%	72.3%	8.2%	5.7%	14.0%	86.3%	13.7%	100.0%
	<u>Reserve for Depreciation Test-Year Average</u>									
374-387	<u>Distribution Plant</u>									
376	Mains	\$ (39,767.25)	\$ (481,272.22)	\$ (521,039.47)	\$ (61,788.30)	\$ (19,964.93)	\$ (81,753.23)	\$ (602,792.70)		
377	Compressor Station Equipment		(4,809.58)	(4,809.58)		(13,604.91)	(13,604.91)	(18,414.48)		
378	Measuring and Regulating Equipment	(17,414.80)	2,400.91	(15,013.89)	-	(12,298.01)	(12,298.01)	(27,311.90)		
379	Measuring Equipment Station Gate	(119,991.45)	(42,556.52)	(162,547.97)	(8,549.00)		(8,549.00)	(171,096.97)		
380	Services	(224,833.47)	(38,835.03)	(263,668.50)	(5,440.79)		(5,440.79)	(269,109.30)		
381	Meters	-	(5,911.01)	(5,911.01)	(279.94)		(279.94)	(6,190.96)		
382	Meter Installations	-	(2,037.67)	(2,037.67)	(622.95)		(622.95)	(2,660.62)		
383	House Regulators	-	(9,628.30)	(9,628.30)	(7,195.35)	\$ (18,199.43)	(25,394.78)	(35,023.07)		
385	Industrial Measuring and Regulating Station	-	-	-	-		-	-		
386	Other Equip on Customer Premises	-	-	-	-		-	-		
387	Cathodic Protection Installations	(6,694.02)	(2,601.51)	(9,295.53)	(11,903.66)		(11,903.66)	(21,199.19)		
	Total Accumulated Depreciation	\$ (408,700.99)	\$ (585,250.92)	\$ (993,951.91)	\$ (95,780.00)	\$ (64,067.27)	\$ (159,847.27)	\$ (1,153,799.18)	\$ (95,770.98)	\$ (1,249,570.16)
271	Contributions in Aid of Construction	(106,518.58)	(495,146.24)	(601,664.82)	(2,020.27)	-	(2,020.27)	(603,685.09)	(44,632.00)	\$ (648,317.09)
252	Customer Advances for Construction	-	(33,036.27)	(33,036.27)	-		-	(33,036.27)		\$ (33,036.27)
	Net Distribution Plant - Test Year Average	\$ 357,896.08	\$ 48,525.20	\$ 406,421.28	\$ 133,542.71	\$ 97,476.48	\$ 231,019.20	\$ 637,440.48	\$ 245,666.46	\$ 883,106.94
	Net Dist Plant Incl. Intangible Plant Avg Test Yr	\$ 452,726.29	\$ 143,355.41	\$ 596,081.70	\$ 158,304.67	\$ 122,238.44	\$ 280,543.12	\$ 876,624.82	\$ 245,666.46	\$ 1,122,291.28
	Net Plant as % of Total Net Plant	40.3%	12.8%	53.1%	14.1%	10.9%	25.0%	78.1%	21.9%	100.0%
	Net Plant % Exclud Non Jurisdictional	51.6%	16.4%	68.0%	18.1%	13.9%	32.0%	100.0%		
	(1) 50/50 Arbitrary Allocation			596,081.70						

West Coast Gas Company, Inc.
 Test-Year 2013
 Allocation of Net General Plant

FERC Acct. No.	Gross Plant Test-Year Average (Tab 9)	Accum. Resv. for Depr. Test-Year Average (Tab 8)	Net Depr. Plant Test-Year Average (Tab 15)	Factor (Tab 15)	Mather		
					Residential	Small Commercial Mather	Mather Total
374-387 <u>General Plant</u>							
391 Office Furniture and Equip.	\$ 3,573.98	\$ 519.77	\$ 3,054.21	12	\$ 1,951.01	\$ 565.16	\$ 2,516.17
392 Transportation Equip.	215,942.95	140,119.66	75,823.29	12	48,435.45	14,030.70	62,466.15
393 Stores Equip.	-	-	-	12	-	-	-
394 Tools, Shop, and Garage Equip.	35,408.45	33,011.67	2,396.78	12	1,531.05	443.51	1,974.56
395 Laboratory Equip.	-	-	-	12	-	-	-
396 Power Operated Equip.	38,744.29	24,026.88	14,717.41	12	9,401.39	2,723.38	12,124.77
397 Communications Equip.	5,094.61	4,387.18	707.43	12	451.90	130.91	582.81
398 Misc. Equip.	20,161.26	11,107.77	9,053.49	12	5,783.31	1,675.30	7,458.61
Total General Plant	\$318,925.53	\$213,172.92	\$ 105,752.61		\$ 67,554.11	\$ 19,568.97	\$ 87,123.08
				Factor			
				12	63.9%	18.5%	82.4%

374-387 <u>General Plant</u>	Castle				Non- Jurisdictional Operations	Total All Operations
	Small Commercial Castle	Medium Commercial	Large Commercial	Castle Total		
391 Office Furniture and Equip.	\$ 302.15	\$ 52.05	\$ 52.05	\$ 406.25	\$ 131.78	\$ 3,054.21
392 Transportation Equip.	7,501.20	1,292.14	1,292.14	10,085.47	3,271.67	75,823.29
393 Stores Equip.	-	-	-	-	-	-
394 Tools, Shop, and Garage Equip.	237.11	40.84	40.84	318.80	103.42	2,396.78
395 Laboratory Equip.	-	-	-	-	-	-
396 Power Operated Equip.	1,455.99	250.81	250.81	1,957.60	635.04	14,717.41
397 Communications Equip.	69.99	12.06	12.06	94.10	30.52	707.43
398 Misc. Equip.	895.66	154.28	154.28	1,204.23	390.64	9,053.49
Total General Plant	\$ 10,462.11	\$ 1,802.17	\$ 1,802.17	\$ 14,066.46	\$ 4,563.07	\$ 105,752.61
	9.9%	1.7%	1.7%	13.3%	Check 4.31%	OK 100.0%

West Coast Gas Company, Inc.

Test-Year 2013

Billing Determinants and Cost Allocation Factors

Allocation Factor #	Factor	Mather			Castle				Non-CPUC Jurisdictional Operations	Total All Operations		
		Residential	Small Commercial Mather	Mather Total	Small Commercial Castle	Medium Commercial	Large Commercial	Castle Total				
1	Annual Total Of Monthly Bills	14,710	1,008	15,718	648	12	12	672	12	16,402	x	
	% of System	93.6%	6.4%	100.0%	96.4%	1.8%	1.8%	100.0%			x	
	% of All Systems	89.7%	6.1%	95.8%	4.0%	0.1%	0.1%	4.1%	0.1%	100.0%	x	
2	No. of Customers	1,226	84	1,310	54	1	1	56	1	1,367	x	
	% of System	93.6%	6.4%	100.0%	96.4%	1.8%	1.8%	100.0%				
	% of All Systems	89.7%	6.1%	95.8%	4.0%	0.1%	0.1%	4.1%	0.1%	100.0%	x	
3	% Maint. Labor Excl. Acct. 760 (see sheet 17)	53.4%	21.0%	74.3%	19.2%	2.2%	2.2%	23.5%	2.1%	100.0%	x	
4	Therm Sales	553,092	426,393	979,484	211,282	288,258	151,839	651,378	612,989	2,243,851	x	
	% of System	56.5%	43.5%	100.0%	32.4%	44.3%	23.3%	100.0%				
	% of All Systems	24.6%	19.0%	43.7%	9.4%	12.8%	6.8%	29.0%	27.3%	100.0%	x	
5	% Maint. Supervision Labor Acct. 760	33% 3, 33% 6, 33% 8	38.1%	30.9%	68.9%	15.8%	3.3%	3.3%	22.5%	8.6%	100.0%	x
6	Miles of Mains	9.0	9.0	18.0	6.0	1.5	1.5	9.0	3.0	30	x	
	% of System	50.0%	50.0%	100.0%	66.7%	16.7%	16.7%	100.0%	100.0%			
	% of All Systems	30.0%	30.0%	60.0%	20.0%	5.0%	5.0%	30.0%	10.0%	100.0%	x	

West Coast Gas Company, Inc.

Test-Year 2013

Billing Determinants and Cost Allocation Factors
Based on 2011 Recorded Data

Factor #	Factor	Mather			Castle				Non-CPUC Jurisdictional Operations	Total All Operations
		Residential	Small Commercial Mather	Mather Total	Small Commercial Castle	Medium Commercial	Large Commercial	Castle Total		
7	# of Services	1,226	84	1,310	54	1	1	56.0	1	1,367 x
	% of System	93.6%	6.4%	100.0%	96.4%	1.8%	1.8%	100.0%	100.0%	x
	% of All Systems	89.7%	6.1%	95.8%	4.0%	0.1%	0.1%	4.1%	0.1%	100.0% x
8	Gross Plant % of Total (see sheet 13)	30.4%	41.9%	72.3%	8.2%	2.9%	2.9%	14.0%	13.7%	100.00%
a.	Net Plant	40.3%	12.8%	53.1%	14.1%	5.4%	5.4%	25.0%	21.9%	100.00%
9	Prop Tax Net Plant 8a Exclud Non-Jurisdict	51.6%	16.4%	68.0%	18.1%	7.0%	7.0%	32.0%	0.0%	100.0%
10	A&G Excluding Acct 924 50% 2, 50% 5	63.9%	18.5%	82.4%	9.9%	1.7%	1.7%	13.3%	4.3%	100.0%
11	Property & Liability Insur. Workmen's Comp. 30% 3, 70% 8	37.3%	35.6%	72.9%	11.5%	2.7%	2.7%	16.8%	10.2%	100.0%
12	General Plant Office Equipment 100% 10	63.9%	18.5%	82.4%	9.9%	1.7%	1.7%	13.3%	4.3%	100.0%
13	O&M Equip 100% 5	38.1%	30.9%	68.9%	15.8%	3.3%	3.3%	22.5%	8.6%	100.0%
14	M&S Inventories 100% 5	38.1%	30.9%	68.9%	15.8%	3.3%	3.3%	22.5%	8.6%	100.0%

West Coast Gas Company, Inc.

Test-Year 2013

Factors Used to Allocate Expense Accounts

FERC Acct.	Mather			Castle				Non-CPUC Jurisdictional Operations	Total
	Residential	Small Commercial Mather	Mather Total	Small Commercial Castle	Medium Commercial	Large Commercial	Castle Total		
402 Operations Expense - Distribution									
760 Supervision	5	5	5	5	5	5	5	5	
Total O&M Supervision Expense	38.1%	30.9%	68.9%	15.8%	3.3%	3.3%	22.5%	8.6%	100.0%
761 Mains and Services Labor	3	3	3	3	3	3	3	3	
762 Mains and Services Supply	3	3	3	3	3	3	3	3	
763 Meters and House Regulators Expense	3	3	3	3	3	3	3	3	
764 Customer Installations Expense	3	3	3	3	3	3	3	3	
765 Misc. Distribution Expense	3	3	3	3	3	3	3	3	
Total Operations Expense (Excl. Acct. 760 & 766)	53.4%	21.0%	74.3%	19.2%	2.2%	2.2%	23.5%	2.1%	100.0%
766 Rents (75% O&M Distribution, 25% Office)	5	5	5	5	5	5	5	5	
Total Rents	38.1%	30.9%	68.9%	15.8%	3.3%	3.3%	22.5%	8.6%	100.0%
402 Maintenance Expense - Distribution									
767 Maintenance of Lines	3	3	3	3	3	3	3	3	
768 Maintenance of Meters	3	3	3	3	3	3	3	3	
887 Leak Repairs	3	3	3	3	3	3	3	3	
Total Maintenance Expense	53.4%	21.0%	74.3%	19.2%	2.2%	2.2%	23.5%	2.1%	100.0%
402 Customer Accounting Expense									
901 Meter Reading Labor	1	1	1	1	1	1	1	1	
902 Accounting and Collecting Labor	1	1	1	1	1	1	1	1	
903 Supplies Expense	1	1	1	1	1	1	1	1	
904 Uncollectable Accounts									
Total Customer Accounting Expense	89.7%	6.1%	95.8%	4.0%	0.1%	0.1%	4.1%	0.1%	100.0%
402 Administration and General Expense									
920 A&G Salaries	10	10	10	10	10	10	10	10	
921 Office Supplies & Expenses (Incl. 25% Rents)	10	10	10	10	10	10	10	10	
922 A&G Transferred (Cr)									
923 Outside Services	10	10	10	10	10	10	10	10	
924 Property & Liability & Work Comp Ins	11	11	11	11	11	11	11	11	
926 Employee Benefits & Vacation	10	10	10	10	10	10	10	10	
927 Franchise Requirements									
928a SBE Surcharge									
928 Regulatory Commission Expense									
930 Misc. General Expense	10	10	10	10	10	10	10	10	
933 Transportation Expense	10	10	10	10	10	10	10	10	
935 Maintenance of General Plant	10	10	10	10	10	10	10	10	
Total Administration & General Expense									
A & G Accts Excluding Acct 924	63.9%	18.5%	82.4%	9.9%	1.7%	1.7%	13.3%	4.3%	100.0%
A & G Acct 924 (70% Liab and 30% WC)	37.3%	35.6%	72.9%	11.5%	2.7%	2.7%	16.8%	10.2%	100.0%

West Coast Gas Company, Inc.

Test-Year 2013
O&M Recorded Hours 2011

	Super 760	Locates 761	Mtrs&Regs 763	Cust Instal 764	Misc Distrib 765	Maint Lines 767	Leak Repair 887	Mtr Read 901	Non Jurisdictional	Total Ex 760 765
Total Hours	1,347.0	246.0	171.0	466.0	999.0	1,102.0	582.0	399.0	65.0	3,031.0
Total Hours Inc 760 765										5,377.0
Castle										
Direct		33.0	59.0	5.0		290.0	244.0	82.0		713.0
% of Total Excl. 760 + 765		1.1%	1.9%	0.2%		9.6%	8.1%	2.7%		23.5%
Allocat 760 + 765		<u>25.5</u>	<u>45.7</u>	<u>3.9</u>		<u>224.5</u>	<u>188.9</u>	<u>63.5</u>		<u>551.9</u>
Total		58.5	104.7	8.9		514.5	432.9	145.5		1,264.9
% of Total		0.0	0.0	0.0		0.0	0.0	0.0		23.5%
Non-Jurisdictional										
Direct									65.0	65.0
% of Total Excl. 760									2.1%	2.1%
Allocat 760 + 765									<u>50.3</u>	<u>50.3</u>
Total									115.3	115.3
% of Total									0.0	2.1%
Mather										
Direct		213.0	112.0	461.0		812.0	338.0	317.0		2,253.0
% of Total Excl. 760		7.0%	3.7%	15.2%		26.8%	11.2%	10.5%		74.3%
Allocat 760		<u>164.9</u>	<u>86.7</u>	<u>356.8</u>		<u>628.5</u>	<u>261.6</u>	<u>245.4</u>		<u>1,743.8</u>
Total		377.9	198.7	817.8		1440.5	599.6	562.4		3,996.8
% of Total		0.0	0.0	0.0		0.0	0.0	0.0		74.3%
Grand Total Direct		246.0	171.0	466.0		1,102.0	582.0	399.0	65.0	3,031.0
Allocated 760 + 765		<u>190.4</u>	<u>132.4</u>	<u>360.7</u>		<u>853.0</u>	<u>450.5</u>	<u>308.8</u>	<u>50.3</u>	<u>2,346.0</u>
% of Total		43.6	30.3	82.7	-	1,955.0	1,032.5	707.8	115.3	5,377.0
% of Total										100.0%

West Coast Gas Company, Inc.

Test-Year 2013
Adjustment to Recorded Data
Allocation of Property Tax

	Test-Year 2013 2013 Net Plant Less CIAC and Advances	Tax Rate	Test-Year 2013 Prop. Tax	Factor	Mather			Castle			Total	
					Residential	Small Commercial Mather	Mather Total	Small Commercial Castle	Medium Commercial	Large Commercial		Castle Total
Sheet 2	\$ 1,054,953.23	1.0100%	\$ 10,655.03									
Total			\$ 10,655.03	8	\$ 5,502.71	\$ 1,742.43	\$ 7,245.14	\$ 1,924.13	\$ 742.88	\$ 742.88	\$ 3,409.89	\$ 10,655.03
2011 Recored Expense			11,171.20	8	51.6%	16.4%	68.0%	18.1%	7.0%	7.0%	32.0%	100.0%
Test-Year Adjustment			\$ (515.74)									

West Coast Gas Company, Inc.

Test-Year 2013

Weighted Cost of Capital Recorded

<u>Item</u>	<u>Balance</u> <u>12/31/2013</u>	<u>Ratio</u>	<u>%</u> <u>Cost</u>	<u>%</u> <u>Wtd Cost</u>
Long-Term Bank Loans	\$ -	0.0%	5.25%	0.00%
Stockholder Loans	46,022.73	100.0%	6.00%	6.00%
	<hr/>			<hr/>
Total Debt	\$ 46,022.73	100.00%		6.00%
Common Stock	\$ 526,284.39			
Retained Earnings	2,406,746.20			
	<hr/>			
Total Equity	\$ 2,933,030.59			
	<hr/>			
Total Capital	\$ 2,979,053.32			

Weighted Cost of Capital Test Year 2013

	<u>Average Rate Base</u>	<u>Ratio</u>	<u>%</u> <u>Cost</u>	<u>%</u> <u>Wtd Cost</u>
Average Rate Base	\$ 1,054,953.23			
Long Term Debt (inputed)	\$ 316,485.97	30.0%	4.00%	1.20%
Common Equity	738,467.26	70.0%	10.00%	7.00%
	<hr/>			<hr/>
Total Capital	\$ 1,054,953.23	100.0%		8.20%

Income Tax:

Required Return and Income Taxes

Test-Year Rate Base	\$ 1,054,953.23
Wtd Cost of Debt	1.20%
Debt Return	<hr/> \$ 12,659.44
Wtd Cost of Equity	7.00%
Equity Return	<hr/> \$ 73,846.73
<u>Total After Tax Return</u>	
Dollars	\$ 86,506.16
Percent	8.20%
Gross Mult on Equity Return	1.68765
Gross Return on Equity	\$ 124,627.43
Total Return & Income Taxes	\$ 137,286.87
Income Taxes Included In Rtn	<hr/> \$ 50,780.70

West Coast Gas Company, Inc.

Test-Year 2013
Results of Operation at Current Rates
Return on Rate Base by Rate Schedule

FERC Acct. No.	Check Alloc. Factor	Mather			Castle			Total Jurisdictional	Total Expense All Operations	
		Residential	Small Commercial Mather	Mather Total	Small Commercial Castle	Medium Commercial	Large Commercial			Castle Total
Base Rate Revenue		\$ 320,288.03	\$ 340,984.47	\$ 661,272.50	\$ 126,444.76	89,940.53	44,013.89	\$ 260,399.18	\$ 921,671.68	
Other Gas Revenue		7,366.49		7,366.49				7,366.49		
Total Revenue		\$ 327,654.52	\$ 340,984.47	\$ 668,638.99	\$ 126,444.76	\$ 89,940.53	\$ 44,013.89	\$ 260,399.18	\$ 929,038.17	
		OK	OK	OK	OK	OK	OK	OK	OK	
<u>401 Operations Expense - Distribution</u>										
760 Supervision	5	\$ 65,147.47	\$ 52,807.98	\$ 117,955.45	\$ 27,094.49	\$ 5,706.51	\$ 5,706.51	\$ 38,507.50	\$ 156,462.96	\$ 171,103.51
761 Mains and Services Labor	3	3,609.24	1,418.02	5,027.26	1,297.39	146.79	146.79	1,590.96	6,618.23	6,763.26
762 Mains and Services Supply	3	5,851.18	2,298.85	8,150.03	2,103.29	237.96	237.96	2,579.21	10,729.24	10,964.38
763 Meters and House Regulators Expense	3	4,115.69	1,617.00	5,732.69	1,479.44	167.38	167.38	1,814.21	7,546.89	7,712.28
764 Customer Installations Expense	3	6,825.73	2,681.73	9,507.46	2,453.60	277.60	277.60	3,008.80	12,516.26	12,790.55
765 Misc. Distribution Expense	3	50,628.93	19,891.40	70,520.32	18,199.27	2,059.04	2,059.04	22,317.35	92,837.67	94,872.21
766 Rents	5	31,946.23	25,895.34	57,841.56	13,286.27	2,798.29	2,798.29	18,882.84	76,724.41	83,903.67
Total Operations Expense		\$ 168,124.47	\$ 106,610.31	\$ 274,734.78	\$ 65,913.74	\$ 11,393.57	\$ 11,393.57	\$ 88,700.88	\$ 363,435.66	\$ 388,109.87
<u>402 Maintenance Expense - Distribution</u>										
767 Maintenance of Lines	3	\$ 24,223.77	\$ 9,517.18	\$ 33,740.95	\$ 8,707.57	\$ 985.16	\$ 985.16	\$ 10,677.89	\$ 44,418.84	\$ 45,392.28
768 Maintenance of Meters	3	-	-	-	-	-	-	-	-	-
887 Leak Repairs	3	17,429.96	6,847.99	24,277.95	6,265.44	708.86	708.86	7,683.17	31,961.12	32,661.55
Total Maintenance Expense		\$ 41,653.73	\$ 16,365.17	\$ 58,018.90	\$ 14,973.01	\$ 1,694.03	\$ 1,694.03	\$ 18,361.06	\$ 76,379.96	\$ 78,053.83
<u>402 Customer Accounting Expense</u>										
901 Meter Reading Labor	1	\$ 14,182.45	\$ 971.88	\$ 15,154.33	\$ 624.78	\$ 11.57	\$ 11.57	\$ 647.92	\$ 15,802.25	\$ 15,813.82
902 Accounting and Collecting Labor	1	72,310.22	4,955.21	77,265.44	3,185.49	58.99	58.99	3,303.48	80,568.91	80,627.90
903 Supplies Expense	1	12,818.17	878.39	13,696.56	564.68	10.46	10.46	585.60	14,282.16	14,292.62
904 Uncollectable Accounts	1	-	-	-	-	-	-	-	-	-
Total Customer Accounting Expense		\$ 99,310.84	\$ 6,805.49	\$ 106,116.33	\$ 4,374.96	\$ 81.02	\$ 81.02	\$ 4,536.99	\$ 110,653.32	\$ 110,734.34

West Coast Gas Company, Inc.

Test-Year 2013 Results of Operation at Current Rates Return on Rate Base by Rate Schedule

Page 2 of 2

ERC No.		Mather			Castle			Total Jurisdictional	Total Expense All Operations
		Residential	Small Commercial Mather	Mather Total	Small Commercial Castle	Medium Commercial	Large Commercial Castle Total		
402	<u>Administration and General Expense</u>								
920	A&G Salaries	\$ 52,458.30	\$ 15,196.04	\$ 67,654.34	\$ 8,124.22	\$ 1,399.46	\$ 1,399.46	\$ 10,923.13	\$ 82,120.87
921	Office Supplies & Office Expenses	9,695.32	2,808.52	12,503.84	1,501.51	258.65	258.65	2,018.81	15,177.54
922	A&G Transferred (Cr)	-	-	-	-	-	-	-	-
923	Outside Services	10,819.33	3,134.13	13,953.45	1,675.59	288.63	288.63	2,252.85	16,937.12
924	Property & Liability & Work Comp Ins	16,722.65	15,982.30	32,704.94	5,161.92	1,193.12	1,193.12	7,548.17	44,848.75
926	Employee Benefits & Vacation	39,095.77	11,325.20	50,420.97	6,054.76	1,042.98	1,042.98	8,140.72	61,202.49
927	Franchise Requirements								
928a	SBE Surcharge								
928	Regulatory Commission Expense								
930	Misc. General Expense	17,214.16	4,986.57	22,200.73	2,665.96	459.23	459.23	3,584.42	26,947.91
933	Transportation Expense	-	-	-	-	-	-	-	-
935	Maintenance of General Plant	11,883.17	3,442.30	15,325.46	1,840.35	317.01	317.01	2,474.37	18,602.51
	Total Administration & General Expense	\$ 157,888.69	\$ 56,875.05	\$ 214,763.74	\$ 27,024.31	\$ 4,959.08	\$ 4,959.08	\$ 36,942.47	\$ 265,837.18
403	<u>Operating Expense - Depreciation</u>	\$ 45,869.83	\$ 50,752.55	\$ 96,622.38	\$ 7,806.23	\$ 2,351.07	\$ 2,351.07	\$ 12,508.37	\$ 116,060.76
405	<u>Operating Expense - Amort Expense</u>								-
408	<u>Operating Expense - Taxes OTH</u>								
408.a	Payroll Taxes							\$ -	\$ -
408.b	Property Taxes	5,502.71	1,742.43	7,245.14	1,924.13	742.88	742.88	3,409.89	10,655.03
408.c	Franchise Taxes							-	-
408.d	Other Non-Income Taxes							-	-
	Total Taxes Other Than Income Tax	\$ 5,502.71	\$ 1,742.43	\$ 7,245.14	\$ 1,924.13	\$ 742.88	\$ 742.88	\$ 3,409.89	\$ 10,655.03
409	<u>Income Tax Expense (Excluded)</u>								
410	<u>Provision for Deferred Income Tax</u>								
	Total Operating Expense	\$ 518,350.26	\$ 239,151.00	\$ 757,501.26	\$ 122,016.38	\$ 21,221.64	\$ 21,221.64	\$ 164,459.66	\$ 921,960.92
	Net Operating Income	\$ (190,695.75)	\$ 101,833.48	\$ (88,862.27)	\$ 4,428.38	\$ 68,718.89	\$ 22,792.25	\$ 95,939.52	\$ 7,077.25
	Average Rate Base	\$ 562,435.01	\$ 207,955.03	\$ 770,390.04	\$ 179,315.73	\$ 64,809.04	\$ 64,809.04	\$ 308,933.81	\$ 1,054,953.23
	Average Return on Rate Base	-33.91%	48.97%	-11.53%	2.47%	106.03%	35.17%	31.06%	0.67%

Sheet 18

Operations at Current Rates and
Return on Rate Base by Rate Schedule

Page 2 of 2

West Coast Gas Company, Inc.
 Test-Year 2013
 Allocation of Test-Year Depreciation Expense and Rate Base

	Mather			Castle			CPUC Jurisdictional Total	Total
	Residential	Small Commercial Mather	Mather Total	Small Commercial Castle	Medium Commercial	Large Commercial		
Allocation of Test-Year Depreciation Expense:								
Jurisdictional Test-Year Depreciation Expense:								
1. Distribution Plant (Sheet 11)	\$ 35,529.82	\$ 47,757.27	\$ 83,287.09	\$ 6,204.88	\$ 2,075.22	\$ 2,075.22	\$ 10,355.32	\$ 93,642.41
2. General Plant (Allocation Factor 12)	10,340.01	2,995.28	13,335.29	1,601.36	275.85	275.85	2,153.05	16,186.77
Total	\$ 45,869.83	\$ 50,752.55	\$ 96,622.38	\$ 7,806.23	\$ 2,351.07	\$ 2,351.07	\$ 12,508.37	\$ 109,829.18
Allocation of Test-Year Rate Base								
Net Distribution Plant Less CIAC and Advances (Sheet 13)	\$ 452,726.29	\$ 143,355.41	\$ 596,081.70	\$ 158,304.67	\$ 61,119.22	\$ 61,119.22	\$ 280,543.11	\$ 876,624.81
Net General Plant (Sheet 14)	67,554.11	19,568.97	87,123.08	10,462.11	1,802.17	1,802.17	14,066.46	101,189.54
	520,280.40	162,924.38	683,204.78	168,766.78	62,921.39	62,921.39	294,609.57	977,814.35
PHFU		24,370.62	24,370.62					24,370.62
Plant M&S Inventory (Allocation Factor 12)	3,468.24	2,811.32	6,279.56	1,442.42	303.80	303.80	2,050.01	8,329.57
Working Cash Allowance (Allocated on % of Operating Exp)	38,686.37	17,848.71	56,535.08	9,106.53	1,583.85	1,583.85	12,274.22	68,809.30
Test Year Average Rate Base	<u>\$ 562,435.01</u>	<u>\$ 207,955.03</u>	<u>\$ 770,390.04</u>	<u>\$ 179,315.73</u>	<u>\$ 64,809.04</u>	<u>\$ 64,809.04</u>	<u>\$ 308,933.81</u>	<u>\$ 1,079,323.84</u>

West Coast Gas Company, Inc.

Test-Year 2013

Results of Operation (RO)

Calculation of Revenue Increase Required

	RO Current Rates	Revenue Increase	RO Required Rates
Base Rate Revenue	\$ 921,671.68	\$ 146,805.81	\$ 1,068,477.49
Procurement Revenue	957,136.20		\$ 957,136.20
Other Gas Revenue	9,883.32		9,883.32
Total Revenue	\$ 1,888,691.20		\$ 2,035,497.00
Operating Expenses	1,898,210.14		1,898,210.14
Income Taxes	-	(50,780.70)	(50,780.70)
Net Operating Income	\$ (9,518.94)	\$ 96,025.11	\$ 86,506.16
Test-Year Rate Base	\$ 1,054,953.23		\$ 1,054,953.23
Return on Rate Base	-0.90%		8.20%
Interest Expense	\$ (12,659.44)		(12,659.44)
Earnings for Common Equity	\$ (22,178.38)		\$ 73,846.73
Common Equity	\$ 738,467.26		\$ 738,467.26
Return on Common Equity	-3.00%		10.00%
% Rate Change		7.81%	

Notes:

Gross Revenue Tax Multiplier

	Net	Gross Mult
Taxable Income	\$ 1.0000	\$ 1.6877
State Inc. Tax @ 8.84%	0.0884	0.1492
Net for FIT	0.9116	1.5385
FIT @ 35.0%	0.3191	0.5385
Net of Tax	0.5925	1.0000

Income Taxes:

Revenue (Value Input)	\$ 2,035,497.00
Net Operating Inc Before Inc. Taxes	(1,898,210.14)
Interest Expense	(12,659.44)
Taxable Income	124,627.43
State Income Tax @ 8.884%	11,017.06
Federal Taxable Income	113,610.36
Federal Income Tax @ 35.0%	39,763.63
Total Income Taxes	\$ 50,780.69

West Coast Gas Company, Inc.

Test-Year 2013

Weighted Average Procurement Cost
Recorded 2011

<u>Month</u>	<u>Procurement Delivered Cost \$/Therm</u>	<u>Therm Sales</u>	<u>% of Total</u>	<u>Weighted Procurement Cost \$/Therm</u>
January	0.56632	292,650	17.6%	\$ 0.09985
February	0.57903	211,989	12.8%	0.07395
March	0.56579	149,268	9.0%	0.05088
April	0.6178	113,513	6.8%	0.04225
May	0.62014	88,131	5.3%	0.03293
June	0.64746	81,091	4.9%	0.03163
July	0.68723	63,169	3.8%	0.02615
August	0.70639	71,530	4.3%	0.03044
September	0.65209	71,411	4.3%	0.02806
October	0.5816	98,006	5.9%	0.03434
November	0.54248	148,149	8.9%	0.04842
December	0.53905	270,906	16.3%	0.08798
		<u>1,659,813</u>	<u>100.0%</u>	<u>\$ 0.58689</u>

West Coast Gas Company, Inc.

Test-Year 2013

Calculation of Revenue Requirement Increase

	<u>Revenue at Current Rates</u>	<u>Increase</u>	<u>Revenue at Proposed Rates</u>	<u>% Change</u>
<u>Residential</u>	\$ 644,891.86	\$ 50,390.39	\$ 695,282.25	7.81%
<u>Mather Commercial</u>	591,229.83	46,197.36	637,427.19	7.81%
<u>Castle Commercial and Industrial</u>	642,686.20	<u>50,218.05</u>	<u>692,904.25</u>	7.81%
Total	\$ 1,878,807.88	\$ 146,805.81	\$ 2,025,613.69	7.81%

West Coast Gas Company, Inc.

Test-Year 2013

Residential Rate Options

Equal Percentage Increase

7.81%

Residential Service

Mo.Cust. Chrg. \$ 3.74
Vol. Rev. Inc. = \$ 50,390.39

	Current Rates		Revenue Increase as % of Total Usage	
Monthly Customer Charge:	\$ 3.47		\$ 3.74	
<u>Volumetric Charges</u>	Baseline	Excess	Baseline	Excess
Procurement - \$/Therm	\$ 0.58689	\$ 0.58689	\$ 0.58689	\$ 0.58689
Distribution - \$/Therm	0.42754	0.66551	0.50681	0.76337
Total Volumetric Rate	\$ 1.01443	\$ 1.25240	\$ 1.09369	\$ 1.35026

3. Base Line Allowance

Winter - Therms per Day 0.5
Winter - Therms per Day 2.0

0.5
2.0

	Baseline	Excess	Total	Baseline	Excess	Total
<u>Annual Therm Sales</u>	415,355	137,737	553,092	415,355	137,737	553,092
Average Monthly Usage	28.2	9.4	37.6	28.2	9.4	37.6

Annual Revenue:

Customer Charges			\$ 51,041.97			\$ 55,030.27
Procurement	\$ 243,767.56	\$ 80,836.28	324,603.83	\$ 243,767.56	\$ 80,836.28	\$ 324,603.83
Base Rates	177,580.88	91,665.18	269,246.06	210,504.09	105,144.06	315,648.15
Total	\$ 421,348.43	\$ 172,501.46	\$ 644,891.86	\$ 454,271.65	\$ 185,980.33	\$ 695,282.25

Rate Increase:

\$ 50,390.39
% 7.81%

Change in Average Monthly Bill - Non CARE

Customer Charge		\$ 3.47		\$ 3.74
Volumetric Charges - Avg Therm Use/Mo.	37.6	40.37	37.6	43.52
Total Monthly Bill		\$ 43.84		\$ 47.26

\$ Increase/Month **\$ 3.43**

Proof of Revenue **\$ 644,891.86** **\$ 695,282.25**

West Coast Gas Company, Inc.

Test-Year 2013

Calculation of Net Plant in Service
Residential - Wherry Housing at Mather

Work Order Closing to Plant in Service at Wherry Housing and Calculation of Accumulated Book Depreciation

Closing Date	WO#17			WO#16	WO#24	WO#26	Metering	Total
	376 Mains	380 Service	381 Meters	Valves 376 Mains	Cathodic Pro. 387 CP	Install Mains 376 Mains	Wherry Station 379	
Oct-97							\$ 32,652.75	\$ 32,652.75
12/31/04 Accum Depr							(7,618.98)	
Dec-98				\$ 26,683.97				\$ 26,683.97
12/31/04 Accum Depr				(5,336.79)				
Dec-99		\$ 92,941.14						\$ 92,941.14
12/31/04 Accum Depr		(15,490.19)						
Sep-00		19,215.00	\$ 27,799.50					\$ 47,014.50
12/31/04 Accum Depr		(2,722.13)	(5,907.39)					
Dec-00		3,202.50	4,633.25					\$ 7,835.75
12/31/04 Accum Depr		(427.00)	(926.65)					
May-01				3,690.22				\$ 3,690.22
12/31/04 Accum Depr				(440.78)				
Jun-01					\$ 10,616.11			\$ 10,616.11
12/31/04 Accum Depr					(1,857.82)			
Jul-01		19,215.00	27,799.50					\$ 47,014.50
12/31/04 Accum Depr		(2,188.38)	(4,749.08)					
Dec-01		15,000.00	20,000.00					\$ 35,000.00
12/31/04 Accum Depr		(1,500.00)	(3,000.00)					
Apr-02		17,500.00	32,500.00					\$ 50,000.00
12/31/04 Accum Depr		(1,555.56)	(4,333.33)					
Jul-02		17,500.00	32,500.00					\$ 50,000.00
12/31/04 Accum Depr		(1,409.72)	(3,927.08)					
Dec-02		35,000.00	65,000.00					\$ 100,000.00
12/31/04 Accum Depr		(2,333.33)	(6,500.00)					
Mar-03		17,500.00	32,500.00					\$ 50,000.00
12/31/04 Accum Depr		(1,020.83)	(2,843.75)					
Jun-03		20,000.00	55,000.00			\$ 11,693.20		\$ 86,693.20
12/31/04 Accum Depr		(1,000.00)	(4,125.00)			(584.66)		
Jan-04	40,000.00	40,000.00	110,000.00					\$ 190,000.00
12/31/04 Accum Depr	\$ (1,222.22)	(1,222.22)	(5,041.67)					
Dec-04	25,208.60							\$ 25,208.60
								<u>Total</u>
Total Gross Plant	\$ 65,208.60	\$ 297,073.64	\$ 407,732.25	\$ 30,374.19	\$ 10,616.11	\$ 11,693.20	\$ 32,652.75	\$ 855,350.74
<u>Accum Book Depr:</u>								
Balance 12/31/2004	\$ (1,222.22)	\$ (30,869.36)	\$ (41,353.96)	\$ (5,777.57)	\$ (1,505.88)	\$ (584.66)	\$ (7,618.98)	\$ (88,932.62)
2005 Depr Expense	(2,173.62)	(9,902.45)	(20,386.61)	(1,012.47)	(576.46)	(389.77)	(1,088.43)	(35,529.82)
Balance 12/31/2005	(3,395.84)	(40,771.81)	(61,740.57)	(6,790.04)	(2,082.34)	(974.43)	(8,707.40)	(124,462.44)
Net Depreciated Plant Investment Yr End 2005								\$ 730,888.30
2006 Depr Expense	(2,173.62)	(9,902.45)	(20,386.61)	(1,012.47)	(576.46)	(389.77)	# (1,088.43)	(35,529.82)
Plant Additions 2006								-
Net Depreciated Plant Investment Yr End 2006								\$ 695,358.48
2007 Depr Expense	(2,173.62)	(9,902.45)	(20,386.61)	(1,012.47)	(576.46)	(389.77)	# (1,088.43)	(35,529.82)
Plant Additions 2007								-
Net Depreciated Plant Investment Yr End 2007								\$ 659,828.66
2008 Depr Expense	(2,173.62)	(9,902.45)	(20,386.61)	(1,012.47)	(576.46)	(389.77)	# (1,088.43)	(35,529.82)
Plant Additions 2008								-
Net Depreciated Plant Investment Yr End 2008								\$ 624,298.84
2009 Depr Expense	(2,173.62)	(9,902.45)	(20,386.61)	(1,012.47)	(576.46)	(389.77)	# (1,088.43)	(35,529.82)
Plant Additions 2009								-
Net Depreciated Plant Investment Yr End 2009								\$ 588,769.03
2010 Depr Expense	(2,173.62)	(9,902.45)	(20,386.61)	(1,012.47)	(576.46)	(389.77)	# (1,088.43)	(35,529.82)
Plant Additions 2010								-
Net Depreciated Plant Investment Yr End 2010								\$ 553,239.21
2011 Depr Expense	(2,173.62)	(9,902.45)	(20,386.61)	(1,012.47)	(576.46)	(389.77)	# (1,088.43)	(35,529.82)
Plant Additions 2011								-
Net Depreciated Plant Investment Yr End 2011								\$ 517,709.39
2012 Depr Expense	(2,173.62)	(9,902.45)	(20,386.61)	(1,012.47)	(576.46)	(389.77)	# (1,088.43)	(35,529.82)
Plant Additions 2012								-
Net Depreciated Plant Investment Yr End 2012								\$ 482,179.57
2013 Depr Expense	(2,173.62)	(9,902.45)	(20,386.61)	(1,012.47)	(576.46)	(389.77)	# (1,088.43)	(35,529.82)
Plant Additions 2013								-
Net Depreciated Plant Investment Yr End 2013								\$ 446,649.75
Totals Through 2013	<u>376 Mains</u>	<u>380 Service</u>	<u>381 Meters</u>	<u>376 Mains</u>	<u>387 CP</u>	<u>376 Mains</u>	<u>379</u>	
Gross Plant Adds	\$ 65,208.60	\$ 297,073.64	\$ 407,732.25	\$ 30,374.19	\$ 10,616.11	\$ 11,693.20	# \$ 32,652.75	855,350.74
Accum Depreciation	(20,784.80)	(119,991.45)	(224,833.47)	(14,889.83)	(6,694.02)	(4,092.62)	# (17,414.80)	(408,700.99)
Net Depreciated Plant	44,423.80	177,082.19	182,898.78	15,484.36	3,922.09	7,600.58	# 15,237.95	446,649.75
Total Gross Plant in Service Yr End 2013								\$ 855,350.74
Accumulated Reserve for Depreciation Yr End 2013								(408,700.99)
Net Depreciated Plant in Service								\$ 446,649.75
Average Test Year 2013 Rate Base								\$ 464,414.66
Contributions in Aid of Construction at Wherry Housing								(106,518.58)
Net Test Year Average Rate Base 2013								<u>\$ 357,896.08</u>

West Coast Gas Company, Inc.

Test-Year 2013

Uncollectible Accounts

Recorded Years 2009 Through 2011

<u>Year</u>	Gross <u>Revenue</u>	Accts Rec <u>Write-Offs</u>	Uncollectible <u>%</u>
2009	\$ 1,872,175.14	\$ 3,738.39	0.1997%
2010	1,819,960.91	3,341.55	0.1836%
2011	1,869,914.28	5,084.20	0.2719%
	Three Year Average		<u>0.2184%</u>

West Coast Gas Company, Inc.

Test-Year 2013
At Current Rates

file:2013 Rate Design Model 5_1_12

	Residential			Mather -Schedule 2			Mather -Schedule 3		
Rate Change	Mo.Cust.Chrg. = \$	-		Mo.Cust.Chrg. = \$	-		Mo.Cust.Chrg. = \$	-	
Rate Change	Volum. Rate = \$	-		Volum. Rate = \$	-		Volum. Rate = \$	-	
	Current Rates						No Change in Rate Structure		
Monthly Customer Charge:	\$	3.47		\$	18.53		\$	18.53	
<u>Volumetric Charges</u>	<u>Baseline</u>	<u>Excess</u>		<u>Summer</u>	<u>Winter</u>		<u>Summer</u>	<u>Winter</u>	
Procurement - \$/Therm	\$ 0.58689	\$ 0.58689		\$ 0.58689	\$ 0.58689		\$ 0.58689	\$ 0.58689	
Distribution - \$/Therm	<u>0.42754</u>	<u>0.66551</u>		<u>0.76194</u>	<u>0.76194</u>		<u>0.41374</u>	<u>0.55030</u>	
Total Volumetric Rate	\$ 1.01443	\$ 1.25240		\$ 1.34883	\$ 1.34883		\$ 1.00063	\$ 1.13719	
3. Base Line Allowance									
Winter - Therms per Day		0.5							
Winter - Therms per Day		2.0							
	<u>Baseline</u>	<u>Excess</u>	<u>Total</u>	<u>Summer</u>	<u>Winter</u>	<u>Total</u>	<u>Summer</u>	<u>Winter</u>	<u>Total</u>
Annual Therm Sales	415,355	137,737	553,092	132,126	283,669	415,796	2,464	8,133	10,597
Number of Customers			1,226			81			3
Annual Revenue:									
Customer Charge			\$ 51,050.64	\$ 10,506.51	\$ 7,504.65	\$ 18,011.16	\$ 389.13	\$ 277.95	\$ 667.08
Procurement	243,767.56	80,836.42	324,603.98	77,543.53	166,482.55	244,026.08	1,446.10	4,773.17	6,219.27
Base Rates	<u>177,580.88</u>	<u>91,665.35</u>	<u>269,246.23</u>	<u>100,672.27</u>	<u>216,138.95</u>	<u>316,811.22</u>	<u>1,019.46</u>	<u>4,475.59</u>	<u>5,495.05</u>
Total	\$ 421,348.43	\$ 172,501.77	\$ 644,900.85	\$ 188,722.32	\$ 390,126.15	\$ 578,848.46	\$ 2,854.68	\$ 9,526.71	\$ 12,381.40
Rate Increase:									
\$			\$ -			\$ -			\$ -
%			0%			0%			0%
Average Monthly Bill									
Average Therm Usage	<u>Baseline</u>	<u>Excess</u>	<u>Total</u>						
Average Therm Usage	28	9	38						
Customer Charge			\$ 3.47	\$ 18.53	\$ 18.53		\$ 18.53	\$ 18.53	
Volumetric Charges			40.37	314.31	944.74		117.41	616.58	
Total Monthly Bill			\$ 43.84	\$ 332.84	\$ 963.27		\$ 135.94	\$ 635.11	
Proof of Revenue (Annual Bills x Monthly Bill)			\$ 644,900.85	\$ 188,722.32	\$ 390,126.15	\$ 578,848.46	\$ 2,854.68	\$ 9,526.71	\$ 12,381.40
									\$ 591,229.86

West Coast Gas Company, Inc.

Test-Year 2013
At Current Rates

	Castle -Schedule C-1			Castle -Schedule C-2			Castle -Schedule C-3		
<u>Rate Change</u>	Mo.Cust.Chrg. = \$ -			Mo.Cust.Chrg. = \$ -			Mo.Cust.Chrg. = \$ -		
<u>Rate Change</u>	Volum. Rate = \$ -			Volum. Rate = \$ -			Volum. Rate = \$ -		
	No Change in Rate Structure			No Change in Rate Structure			No Change in Rate Structure		
Monthly Customer Charge:									
	\$ 18.53			\$ 18.53			\$ 138.96		
<u>Volumetric Charges</u>	Summer	Winter		Summer	Winter		Summer	Winter	
Procurement - \$/Therm	\$ 0.58689	\$ 0.58689		\$ 0.58689	\$ 0.58689		\$ 0.58689	\$ 0.58689	
Distribution - \$/Therm	<u>0.45905</u>	<u>0.58758</u>		<u>0.27780</u>	<u>0.35335</u>		<u>0.23411</u>	<u>0.29731</u>	
Total Volumetric Rate	\$ 1.04594	\$ 1.17447		\$ 0.86469	\$ 0.94024		\$ 0.82100	\$ 0.88420	
 3. Base Line Allowance									
Winter - Therms per Day									
Winter - Therms per Day									
	<u>Summer</u>	<u>Winter</u>	<u>Total</u>	<u>Summer</u>	<u>Winter</u>	<u>Total</u>	<u>Summer</u>	<u>Winter</u>	<u>Total</u>
<u>Annual Therm Sales</u>	75,528	135,754	211,282	160,657	127,601	288,258	44,253	107,586	151,839
<u>Number of Customers</u>			54			1			1
<u>Annual Revenue:</u>									
Customer Charge	\$ 7,004.34	\$ 5,003.10	\$ 12,007.44	\$ 129.71	\$ 92.65	\$ 222.36	\$ 972.72	\$ 694.80	\$ 1,667.52
Procurement	44,326.60	79,672.62	123,999.22	94,287.93	74,887.71	169,175.64	25,971.63	63,141.11	89,112.74
Base Rates	<u>34,671.13</u>	<u>79,766.34</u>	<u>114,437.46</u>	<u>44,630.51</u>	<u>45,087.81</u>	<u>89,718.33</u>	<u>10,360.07</u>	<u>31,986.39</u>	<u>42,346.46</u>
Total	\$ 86,002.07	\$ 164,442.05	\$ 250,444.13	\$ 139,048.16	\$ 120,068.17	\$ 259,116.33	\$ 37,304.42	\$ 95,822.31	\$ 133,126.72
<u>Rate Increase:</u>	<u>Summer</u>	<u>Winter</u>		<u>Summer</u>	<u>Winter</u>		<u>Summer</u>	<u>Winter</u>	
\$			\$ -			\$ -			\$ -
%			0%			0%			0%
<u>Average Monthly Bill</u>									
Average Therm Usage									
Customer Charge	\$ 18.53	\$ 18.53		\$ 18.53	\$ 18.53		\$ 138.96	\$ 138.96	
Volumetric Charges	<u>208.99</u>	<u>590.51</u>		<u>19,845.49</u>	<u>23,995.10</u>		<u>5,190.24</u>	<u>19,025.50</u>	
Total Monthly Bill	\$ 227.52	\$ 609.04		\$ 19,864.02	\$ 24,013.63		\$ 5,329.20	\$ 19,164.46	
Proof of Revenue (Annual F	\$ 86,002.07	\$ 164,442.05	\$ 250,444.13	\$ 139,048.16	\$ 120,068.17	\$ 259,116.33	\$ 37,304.42	\$ 95,822.31	\$ 133,126.72

West Coast Gas Company, Inc.

Test-Year 2013
At Current Rates

Total Revenue Summary						
	<u>Residential</u>	<u>Commercial Total All Schedules</u>		<u>Total</u>	<u>Total Jurisdictional</u>	
		<u>Summer</u>	<u>Winter</u>			
Therm Sales	553,092	415,028	662,743	1,077,772		1,630,864
Customer Charges	\$ 51,050.64	\$ 19,002.41	\$ 13,573.15	\$ 32,575.56	\$	83,626.20
Procurement	324,603.98	243,575.79	388,957.16	632,532.95		957,136.93
Distribution	<u>269,246.23</u>	<u>191,353.44</u>	<u>377,455.08</u>	<u>568,808.52</u>		<u>838,054.75</u>
Total	\$ 644,900.85	\$ 453,931.64	\$ 779,985.39	\$ 1,233,917.04	\$	\$ 1,878,817.88

West Coast Gas Company, Inc.

Test-Year 2013
Rate Change Proposal
Equal % Increase
7.81%

	Residential			Mather -Schedule 2			Mather -Schedule 3			Castle -Schedule C-1		
Rate Change	Mo.Cust.Chrg. = \$	0.27		Mo.Cust.Chrg. = \$	1.45		Mo.Cust.Chrg. = \$	1.45		Mo.Cust.Chrg. = \$	1.45	
Rate Change	Volume. Rate = \$	46,402.11		Volume. Rate = \$	43,822.56		Volume. Rate = \$	915.33		Volume. Rate = \$	18,630.90	
Monthly Customer Charge:	\$	3.74		\$	19.98		\$	19.98		\$	19.98	
Volumetric Charges	Baseline	Excess		Summer	Winter		Summer	Winter		Summer	Winter	
Procurement - \$/Therm	\$ 0.58689	\$ 0.58689		\$ 0.58689	\$ 0.58689		\$ 0.58689	\$ 0.58689		\$ 0.58689	\$ 0.58689	
Distribution - \$/Therm	0.50681	0.76337		0.86733	0.86733		0.49193	0.63916		0.54078	0.67935	
Total Volumetric Rate	\$ 1.09369	\$ 1.35026		\$ 1.45422	\$ 1.45422		\$ 1.07882	\$ 1.22605		\$ 1.12767	\$ 1.26624	
Base Line Allowance												
Winter - Therms per Day	0.5											
Winter - Therms per Day	2.0											
	Baseline	Excess	Total	Summer	Winter	Total	Summer	Winter	Total	Summer	Winter	Total
Annual Therm Sales	415,355	137,737	553,092	132,126	283,669	415,796	2,464	8,133	10,597	75,528	135,754	211,282
Number of Customers			1,226			81			3			54
Annual Revenue:												
Customer Charge			\$ 55,039.62	\$ 11,327.46	\$ 8,091.05	\$ 19,418.51	\$ 419.54	\$ 299.67	\$ 719.20	\$ 7,551.64	\$ 5,394.03	\$ 12,945.67
Procurement	243,767.56	80,836.42	324,603.98	77,543.53	166,482.55	244,026.08	1,446.10	4,773.17	6,219.27	44,326.60	79,672.62	123,999.22
Base Rates	210,504.09	105,144.25	315,648.34	114,597.66	246,036.13	360,633.78	1,212.11	5,198.27	6,410.38	40,843.83	92,224.54	133,068.37
Total	\$ 454,271.65	\$ 185,980.67	\$ 695,291.94	\$ 203,468.65	\$ 420,609.73	\$ 624,078.38	\$ 3,077.74	\$ 10,271.11	\$ 13,348.85	\$ 92,722.08	\$ 177,291.19	\$ 270,013.26
Rate Increase:				Summer	Winter		Summer	Winter		Summer	Winter	
\$			\$ 50,391.10			\$ 45,229.91			\$ 967.45			\$ 19,569.14
%			7.81%			7.81%			7.81%			7.81%
Average Monthly Bill	Baseline	Excess	Total	Total								Total
Average Therm Usage	28	9	38									
Customer Charge			\$ 3.74	\$ 19.98	\$ 19.98		\$ 19.98	\$ 19.98		\$ 19.98	\$ 19.98	
Volumetric Charges			43.52	338.87	1,018.56		126.58	664.76		225.32	636.66	
Total Monthly Bill			\$ 47.26	\$ 358.85	\$ 1,038.54		\$ 146.56	\$ 684.74		\$ 245.30	\$ 656.63	
Increase in Monthly Billing			\$ 3.43	\$ 26.01	\$ 75.27		\$ 10.62	\$ 49.63		\$ 17.78	\$ 47.59	
Proof of Revenue (Annual Bills x Monthly Bill)			\$ 695,291.94	\$ 203,468.65	\$ 420,609.73	\$ 624,078.38	\$ 3,077.74	\$ 10,271.11	\$ 13,348.85	\$ 92,722.08	\$ 177,291.19	\$ 270,013.26
Revenue Change Revenue by Component												
Customer Charge			\$ 3,988.98			\$ 1,407.35			\$ 52.12			\$ 938.23
Volumetric Rate			46,402.11			43,822.56			915.33			18,630.90
Total Revenue Change			\$ 50,391.10			\$ 45,229.91			\$ 967.45			\$ 19,569.14
Revenue Change % Input												
% Revenue Change Increase			7.81%			7.81%			7.81%			7.81%
Total Revenue Change from Current Rates			\$ 50,391.10			\$ 45,229.91			\$ 967.45			\$ 19,569.14
Customer Charge Change			(3,988.98)			(1,407.35)			(52.12)			(938.23)
Required Volumetric Revenue Change			\$ 46,402.11			\$ 43,822.56			\$ 915.33			\$ 18,630.90

West Coast Gas Company, Inc.

Test-Year 2013
Rate Change Proposal
Equal % Increase
7.81%

Castle -Schedule C-2
Mo.Cust.Chrg. = \$ 1.45
Volume. Rate = \$ 20,229.39

\$ 19.98	
Summer	Winter
\$ 0.58689	\$ 0.58689
<u>0.34536</u>	<u>0.42682</u>
\$ 0.93225	\$ 1.01371

Castle -Schedule C-3
Mo.Cust.Chrg. = \$ 20.00
Volume. Rate = \$ 10,271.93

\$ 149.82	
Summer	Winter
\$ 0.58689	\$ 0.58689
<u>0.29826</u>	<u>0.36640</u>
\$ 0.88515	\$ 0.95329

Summer	Winter	Total
160,657	127,601	288,258

\$ 139.85	\$ 99.89	\$ 239.73
94,287.93	74,887.71	169,175.64
55,485.29	54,462.43	109,947.72
\$ 149,913.07	\$ 129,450.03	\$ 279,363.09

Summer	Winter	
		\$ 20,246.77
		7.81%
		<u>Total</u>

\$ 19.98	\$ 19.98
<u>21,396.17</u>	<u>25,870.03</u>
\$ 21,416.15	\$ 25,890.01

\$ 1,552.13	\$ 1,876.37
\$ 149,913.07	\$ 129,450.03
\$ 279,363.09	

Summer	Winter	Total
44,253	107,586	151,839

\$ 1,048.73	\$ 749.09	\$ 1,797.82
25,971.63	63,141.11	89,112.74
13,198.95	39,419.44	52,618.39
\$ 40,219.30	\$ 103,309.64	\$ 143,528.94

Summer	Winter	
		\$ 10,402.22
		7.81%
		<u>Total</u>

\$ 149.82	\$ 149.82
<u>5,595.80</u>	<u>20,512.11</u>
\$ 5,745.61	\$ 20,661.93

\$ 416.41	\$ 1,497.47
\$ 40,219.30	\$ 103,309.64
\$ 143,528.94	

\$ 17.37	\$ 130.30
<u>20,229.39</u>	<u>10,271.93</u>
\$ 20,246.77	\$ 10,402.22
	7.81%
\$ 20,246.77	\$ 10,402.22
(17.37)	(130.30)
\$ 20,229.39	\$ 10,271.93

% Rate Change by Rate Schedule		
Rate Schedule		% Change
1	Residential - Mather	7.81%
1A	Residential CARE - Mather	6.25%
2	Small Commercial - Mather	7.81%
3	Small Commercial - Mather	7.81%
C-G1	Small Commercial - Castle	7.81%
C-G1	Medium Commercial - Castle	7.81%
C-G1	Large Commercial - Castle	7.81%
Total % Change		<u>7.81%</u>

Total Revenue Summary At Proposed Rates					
Residential	Commercial Total All Schedules		Total	Total Jurisdictional	
	Summer	Winter			
\$ 55,039.62	\$ 20,487.22	\$ 14,633.73	\$ 35,120.94	\$ 90,160.56	
324,603.98	243,575.79	388,957.16	632,532.95	957,136.93	
<u>315,648.34</u>	<u>225,337.83</u>	<u>437,340.80</u>	<u>662,678.64</u>	<u>978,326.98</u>	
\$ 695,291.94	\$ 489,400.84	\$ 840,931.69	\$ 1,330,332.53	\$ 2,025,624.47	
Total Revenue at Current Rates				\$ 1,878,817.88	
Revenue Change				\$ 146,806.59	
% Change in Total Revenue				<u>7.81%</u>	

Total All Schedules Revenue Changes	
Customer Charges	\$ 6,534.36
Volumetric Rates	<u>140,272.23</u>
Total Revenue Change	<u>\$ 146,806.59</u>