

BEFORE THE CORPORATION COMMISSION OF THE STATE OF OKLAHOMA

IN THE MATTER OF THE APPLICATION OF)
OKLAHOMA GAS AND ELECTRIC COMPANY)
FOR AN ORDER OF THE COMMISSION)
AUTHORIZING APPLICANT TO MODIFY ITS)
RATES, CHARGES, AND TARIFFS FOR RETAIL)
ELECTRIC SERVICE IN OKLAHOMA)

CAUSE NO. PUD 200800398

FILED

JUN 22 2009

COURT CLERK'S OFFICE — OKC
CORPORATION COMMISSION
OF OKLAHOMA

RESPONSIVE TESTIMONY

OF

ROYA Z. SOLTANI

ON BEHALF OF

OKLAHOMA ATTORNEY GENERAL

June 22, 2009

**Responsive Testimony of Roya Z. Soltani
Cause No. PUD 200800398**

Revenue Requirement Issues

Table of Contents

| | | |
|-------------|---|-----------|
| I. | Witness Identification and Purpose of Testimony..... | 1 |
| II. | Rate Base Adjustments | |
| | Plant in Service..... | 5 |
| | Cash Working Capital | 7 |
| | Materials and Supplies Inventory..... | 7 |
| | Fuel Inventories..... | 8 |
| | Accumulated Deferred Income Taxes..... | 9 |
| | Customer Deposits..... | 10 |
| III. | Operating Expense Adjustments | |
| | Payroll Expense and Related Payroll Taxes..... | 10 |
| | Pension Expense..... | 12 |
| | Incentive Compensation..... | 13 |
| | Legislative Advocacy & Political Action Committee..... | 14 |
| | Bad Debt..... | 15 |
| | Dues, donations, Memberships & contributions..... | 16 |
| | Ad Valorem Taxes | 17 |
| | Depreciation Expense..... | 17 |
| | Customer Deposit Interest..... | 18 |
| | Interest Synchronization..... | 18 |
| | Current Tax Expense..... | 19 |
| IV. | Capital Structure and Overall Cost of Capital..... | 19 |
| | Exhibits..... | Attached |

1 I. **WITNESS IDENTIFICATION AND PURPOSE OF TESTIMONY**

2 Q: **Please state your name and business address.**

3 A: My name is Roya Z. Soltani. My business address is 313 N.E. 21st Street,
4 Oklahoma City, Oklahoma 73105.

5

6 Q: **By whom and in what capacity are you employed?**

7 A: I am employed by the Public Utility Unit of the Oklahoma Office of Attorney
8 General ("AG") as a CPA/Auditor.

9

10 Q: **Please briefly state your educational and professional qualifications.**

11 A: I am a Certified Public Accountant with a Bachelor of Business
12 Administration degree in Accounting and a Bachelor of Arts in Journalism
13 from the University of Oklahoma. I hold the professional designation of
14 Certified Rate of Return Analyst as conferred by the Society of Utility and
15 Regulatory Financial Analysts. This designation is awarded based upon
16 experience and successful completion of a written examination. I began
17 my employment with the Office of Attorney General on December 2005
18 and have worked for a number of governmental entities in various
19 positions including auditing, accounting, budgeting and financial analysis. I
20 have also served in the Energy Group of the Public Utility Division ("PUD")
21 of the Oklahoma Corporation Commission (the "Commission") or ("OCC").

1 **Q: Have you previously testified before this Commission and have your**
2 **credentials been accepted?**

3 A: Yes, I have testified before this Commission and my credentials have been
4 accepted.

5

6 **Q: What is the purpose of your testimony in this proceeding?**

7 A: The purpose of my testimony is to sponsor the AG's accounting Exhibits where I
8 present and support the AG's recommended Adjustments to the rate base as
9 presented in Section B, Schedule 2, and Adjustments to the operating income
10 statement in Section H, Schedule 2. I am also presenting the results of my cost
11 of capital analyses and recommendations for the appropriate capital structure
12 and rate of return on common equity ("ROE") for establishing the rates of
13 Oklahoma Gas and Electric Company ("OG&E" or the "Company") in this
14 proceeding. I have limited my proposed levels of investment, revenue and
15 expense to those levels that occurred and could be verified during the test year
16 and the six-month post-test year.

17

18 **Q: Please explain why you have cut-off levels of investment, revenue and**
19 **expense.**

20 A: I have cut-off my proposed levels of investment, revenue, and expense to those
21 levels that occurred during the test year and the information available during the
22 six-month post-test year period pursuant to 17 O.S. Section 284 of the Oklahoma

1 Statutes. The language of Section 284 states that in its review and examination
2 of an application by a utility to change its rates and charges pursuant to Sections
3 137, 152, or 158.27 of Title 17 of the Oklahoma Statutes, and in any order
4 resulting therefrom, the Corporation Commission shall give effect to known and
5 measurable changes occurring or reasonably certain to occur within six (6)
6 months of the end of the test period upon which the rate review is based. I
7 believe that basing rates on changes further out than the post test year six-month
8 period would cause synchronization problems within the rate filing. To the extent
9 that the components of the rate filing are not properly synchronized, a utility may
10 not have the opportunity to earn its authorized return or may have the opportunity
11 to earn in excess of the return authorized.

12
13 **Q: What are known and measurable changes?**

14 **A:** Known and measurable changes are quantifiable changes that occurred either
15 during the test year or the six months post test year.

16
17 **Q: Please identify the six-month post-test year cut-off that pertains to the**
18 **current OG&E Cause.**

19 **A:** Based upon the test year-end of September 30, 2008, the applicable six-month
20 post-test year period would be October 2008 through March 2009.

1 **Q: Do you provide calculation detail supporting each of your adjustments?**

2 A: Yes. Exhibits RZS 1 to RZS 14 attached to my testimony show the quantification
3 of the AG's adjustments. Adjustments contained within the AG's Responsive
4 Testimony Exhibits are at the total Company level. Oklahoma jurisdictional
5 positions will be contained within the AG's Revenue Requirement Exhibit. Since
6 all information relied upon in developing these adjustments was supplied by
7 OG&E in response to written discovery, the adjustment Exhibits will refer to the
8 relevant data sources, already in the Company's possession, that represent the
9 primary support for my adjustments affecting overall revenue requirement.

10

11 **Q: Please describe the AG's approach to quantifying revenue requirement in
12 this proceeding.**

13 A: The AG's accounting schedules use OG&E's "Pro Forma" amounts for rate base,
14 revenues and expenses as a starting point. The Company's proposed amounts
15 were then adjusted to reflect the impact of the various modifications
16 recommended by the AG witness.

17

18 **Q: Please describe how the remainder of your testimony is organized.**

19 A: The remainder of my testimony is arranged by topical section, following the table
20 index presented previously. This index identifies the specific areas I address in
21 testimony and references the testimony pages.

1 Q: Please summarize the results presented in the AG's Revenue Requirement
2 Exhibit.

3 A: The following table summarizes the results presented in the AG's Revenue
4 Requirement Exhibit:

| Description | Schedule Reference | Total AG Pro Forma |
|------------------------------|--------------------|--------------------|
| Rate Base | B-1 | \$ 2,780,223,565 |
| Rate of Return | F-1 | 8.426 % |
| Operating Income Requirement | | 234,261,638 |
| Pro Forma Operating Income | H-1 | 215,756,543 |
| Operating Income Deficiency | | 18,505,095 |
| Federal and State Income Tax | | 11,729,769 |
| Revenue Deficiency | | 30,234,864 |

5

6

7 **II. RATE BASE**

8

Plant in Service

9 Q: Please explain the AG Adjustment B-1 to plant in service.

10 A: Adjustment No. B-1 increases Plant in Service to reflect the plant balance at
11 March 31, 2009. The AG is proposing the level of plant currently in service which
12 is the known and measurable data at the end of the six months post test year.
13 The result of this adjustment is to reflect that portion of CWIP at test year end
14 that is closed to plant in service by March 31, 2009.

1 **Q: Have you made any other adjustment to plant?**

2 A: Yes. AG Adjustment No. B-2 removes part of Plant Held for Future Use from the
3 Plant in Service. The Company has not demonstrated that Plant Held for Future
4 Use eliminated by the AG will be used and useful within a short period of time; or
5 provided a definite plan for use in the foreseeable future which will result in
6 benefits to ratepayers.¹ Current OG&E customers should not fund costs that may
7 or may not benefit them in the future; only plant presently used and useful in
8 providing electric service should be allowed in the rate base.

9

10 **Q: Please explain the AG's adjustment No. B-3 to accumulated depreciation.**

11 A: The AG's Adjustment No. B-3 increases accumulated depreciation and provision
12 for amortization to reflect six months post test year balance to synchronize the
13 additional growth in the depreciation reserve with plant in service additions
14 through March 31, 2009.

15

16 **Q: Why is this adjustment necessary?**

17 A: This adjustment is necessary to reflect the growth in the accumulated
18 depreciation consistent with the pro forma recognition of completed CWIP that is
19 in service by the end of March 2009.

¹ Company's response to AG data requests 9-4 and AG 12-11

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22

Cash Working Capital

Q: Do you have an adjustment to the Company's cash working capital calculation?

A: Yes, I do. OG&E included noncash items in its lead-lag calculation which caused overall cash working capital to be overstated. AG Adjustment No. B-4 removes noncash cost of service items and return on common equity from the Company's calculation. This adjustment is consistent with the Commission's final Order in Cause No. PUD 910001190. Noncash items are excluded because a lead-lag study measures the timing differences in collections and disbursements of cash. There is no current cash requirements associated with depreciation expense. The return on common equity is already incorporated in the cost of equity analysis to set the allowed return on equity. The final Order in Cause No. PUD 910001190 states that return on common equity should not be included in cash working capital calculation since the inclusion would compound stockholders' equity return and overstate needed cash working capital.

Materials and Supplies

Q: Please explain AG Adjustment B- 5 to the rate base.

A: This adjustment is necessary to reflect the final known and measurable amount of materials and supplies. The balances for materials and supplies vary from month to month and are volatile. AG Adjustment No. B-5 updates materials and supplies inventory amounts to the actual thirteen-month average balance at

1 March 30, 2009.

2

3

Fuel Inventories

4 **Q: What is included in the Company's Schedule B-2 as fuel inventories?**

5 A: The Fuel Inventories included in the Company's Schedule B-2 consists of
6 Coal and Oil.

7

8 **Q: What is the main purpose of fuel inventories?**

9 A: Fuel inventories represent insurance against the shortage costs associated with
10 running out of coal and having to burn more expensive fuels to meet system
11 loads. The principal goal of fuel inventory management is to balance the cost of
12 building and maintaining fuel reserves against the risk of running out of fuel and
13 experiencing shortage costs.

14

15 **Q: Please explain the Company's fuel inventories pro forma adjustment.**

16 A: OG&E is proposing to utilize 60 days of coal inventory valued at estimated
17 replacement cost and adjust oil inventory to average levels valued at a
18 forecasted price.

19

20 **Q: Do you agree with the Company's fuel inventories pro forma**

1 **Q: How does the Company's ADIT computation differ from the AG's**
2 **recommendation?**

3 A: AG Adjustment B-7 updates the Company's test year ADIT to the
4 Company's actual ADIT at March 31, 2009. This adjustment is necessary
5 to reflect the final known and measurable amount of ADIT in the rate base.

6

7

Customer Deposits

8 **Q: Have you proposed any adjustments to the Company's requested level of**
9 **customer deposits?**

10 A: Yes, I have. OG&E has included customer deposits test year end balance
11 in the rate base. I agree to utilize the year-end balance, as the balance of
12 customer deposits appears to be on an upward trend during the test year
13 and the six-month post test year. AG Adjustment B-8 updates the
14 Company's requested level of customer deposits to the actual end of the
15 month balance at March 31, 2009. This adjustment is necessary to reflect
16 the final known and measurable amount of customer deposits in the rate
17 base.

18

19 **III. OPERATING EXPENSE**

20

Payroll Expense and Payroll Taxes

21 **Q: Please describe the Company's proposed payroll expense adjustments.**

22 A: The Company's payroll pro forma adjustment increases cost of service for

1 OG&E's annualized payroll expense based on employees on the payroll at the
2 last pay period in the test year and then adjusted for year-end salary increases
3 for 2009.

4

5 **Q: Please explain your proposed payroll adjustments.**

6 A: These adjustments are necessary to reflect the final known and measurable
7 amount of payroll expense. The AG's Adjustment H-1 increases the Company's
8 proposed payroll pro forma adjustment to reflect OG& E's annualized payroll
9 based on the Company's last payroll in March 2009. This adjustment contains
10 two parts; Company's annualized payroll is compared to the Company's
11 requested pro forma amount and the related payroll taxes are compared to the
12 Company's pro forma payroll tax expense.

13

14 **Q: What are your other payroll adjustments?**

15 A: AG Adjustment H-2 decreases the Company's Redbud Plant Payroll pro forma
16 adjustment to reflect correct 51% OGE Energy Corp. ("OGE") ownership of the
17 Plant. AG Adjustment H-3 eliminates the Company's pro forma payroll increase
18 for new employees since the AG is proposing the level of payroll which is known
19 and measurable data at the end of the six months post test year. The result of
20 AG Adjustment H-1 is to reflect the actual total pay and headcount as of March
21 31, 2009.

1 **Pension Expense**

2 **Q: Please describe the Company's proposed pension expense adjustment.**

3 A: The Company has proposed to increase test year pension expenses to reflect
4 the FAS 87 pension cost reported in the Company's 2008 actuarial study. This
5 adjustment includes OG&E's and OGE's allocated pension expense, OG&E and
6 OGE's allocated Restoration of Retirement Income Plan expense, and
7 amortization of pension regulatory asset.

8
9 **Q: Do you agree with the Company's proposed pension adjustment?**

10 A: No, I don't. The Company's proposed adjustment contains Restoration of
11 Retirement Income amounts. The Company's Restoration of Retirement Income
12 Plan provides for the payment of certain pension and pension-related benefits to
13 certain participants in OG&E and OGE whose benefits under the Retirement Plan
14 are restricted by the limitations of Sections 401(a) (17) and 415 of the Internal
15 Revenue Code of 1986.³ The Restoration of Retirement Income Plan intends to
16 provide supplemental benefits to the executives that are limited by ERISA.
17 These costs are not necessary costs to provide electric utility service and should
18 be eliminated from the test year cost of service.

19
20 **Q: Explain your Pension adjustment.**

21 A: AG's Adjustment H-4 eliminates the Company's Restoration of Retirement
22 Income Plan or excess pension benefit amounts limited by ERISA to properly

³ Company's response to AG 12-1

1 reflect the level of pension expense that should be recognized prospectively.

2
3 **Incentive Compensation**

4 **Q: Are you proposing an adjustment to the test year amount of incentive**
5 **compensation expense included in revenue requirement?**

6 A: Yes, I am. AG's Adjustment H-5 decreases Company's proposed operating
7 expenses to remove long term executive incentive and AG's Adjustment H-6
8 eliminates one half of the company's requested annual incentive compensation.

9
10 **Q: What type of incentives does long term incentive provide?**

11 A: The Company's long-term incentive plan provides additional incentive
12 compensation to executives. Long-term incentive plans are designed to tie
13 compensation to the financial performance of the Company and mostly benefits
14 Company's shareholders. The long-term incentive pay compensates executives if
15 the Company performs at a level greater than what it is expected to do. If these
16 incentive efforts generate additional profits above a level set by the Company,
17 these profits are not passed to the ratepayers through reduced rates. Instead,
18 they are passed to the shareholders in the form of dividends and greater stock
19 value. The AG's adjustment proposes non-recovery of the test year long term
20 incentive costs.

1 **Q: Please explain AG's Adjustment H-6.**

2 A: AG Adjustment H-6 removes half of the Company's requested incentive
3 compensation for ratemaking purposes. With respect to incentive compensation
4 performance measures, the financial measures benefit shareholders and do not
5 directly benefit ratepayers; however, the portion of the incentive pay related to
6 operational, safety and service quality measures benefits both shareholders and
7 ratepayers and it is reasonable that the ratepayers share a portion of the costs.

8

9 **Legislative Advocacy and Political Action Committee**

10 **Q: What is proposed by OG&E with respect to its test year costs associated**
11 **with legislative advocacy?**

12 A: OG&E has included legislative advocacy costs above-the-line for recovery from
13 customers. The FERC Uniform System of Accounts requires a below-the-line
14 classification of legislative advocacy costs; when recorded in below-the-line
15 accounts, the costs of legislative advocacy are borne by shareholders rather than
16 ratepayers in rate proceedings.

17

18 **Q: Please explain AG Adjustment H-7 to the operating expenses.**

19 A: This proposed adjustment removes Legislative Advocacy expenses and Political
20 Action Committee ("PAC") from the Applicant's cost of service for the test year.

1 **Q: Why is this adjustment necessary?**

2 A: Legislative advocacy expense paid by the Company should be eliminated from
3 the cost of service because these expenditures are not a necessary cost of
4 providing utility service to ratepayers. The Company's legislative advocacy
5 activities are to support, represent and advocate the interests of the Company
6 with respect to legislative and regulatory issues. The Company's ratepayers
7 have no control or input into the decision-making process that determines the
8 Company's legislative agendas. If not excluded, rate recovery of legislative
9 advocacy costs would have the effect of forcing ratepayers into funding issues
10 being sponsored or raised before the legislatures which may not be for the
11 benefit of ratepayers or specifically supported by ratepayers. The Company
12 included expenses related to the PAC in the cost of service by error.⁴

13

14 **Q: Are these costs required for OG&E to remain "in compliance" with existing**
15 **laws and regulations?**

16 A: No. OG&E separately incurs legal and regulatory costs to maintain compliance
17 with laws and regulations.

18

19

Bad Debt

20 **Q: Please describe the Company's proposed Bad Debt expense adjustment.**

21 A: OG&E is increasing test year per book bad debt by estimating bad debt expense

⁴ Company's response to AG 5-11

1 using a four-year average charge-off rate.

2
3 **Q: Please explain AG Adjustment H-8 to the operating expenses.**

4 A: AG Adjustment H-8 reflects Company's actual bad debt expense for the year
5 ending March 2009 to properly reflect the level of bad debt expense that should
6 be recognized prospectively.

7
8 **Dues, Donations, Memberships & contributions**

9 **Q: Please explain AG Adjustment H-9 to the operating income statement of the**
10 **AG's Exhibit.**

11 A: AG Adjustment H-9 is necessary to disallow recovery of part of Company's dues,
12 donations, memberships and contributions included in the cost of service.

13
14 **Q: Please explain your rationale for recommending the disallowance of these**
15 **amounts.**

16 A: I propose to allow all test year dues related to professional dues and
17 memberships and recommend that all other Company's dues and memberships
18 such as memberships in local and state chambers of commerce, civic and social
19 dues and memberships, economic development, employee events, sponsorship
20 and contributions, and incidental miscellaneous dues and memberships
21 included in the cost of service should be excluded from ratemaking recovery for
22 several reasons:

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21

Customer Deposit Interest

Q: Please explain AG Adjustment H-12 to the operating expenses.

A: AG Adjustment H-12 updates the Company's requested level of customer deposit interest to the actual end month balance at March 31, 2009. This adjustment is necessary to reflect the final known and measurable amount of Customer Deposits interest.

Interest Synchronization

Q: Please explain AG Adjustment J-1 for interest synchronization.

A: Adjustment J-1 represents a refinement to the Company's income tax calculation relating to the synchronization of interest expense and the level of rate base and the cost of debt advocated by the AG.

Q: What is interest synchronization?

A: Interest synchronization is a method that provides an interest expense deduction for regulatory income tax purposes equal to the ratepayer's contribution to the Company for interest expense coverage. Since a utility's revenue requirement is partially driven by the application of a rate of return to the utility's rate base investment, the Company will recover from its ratepayers, interest expense equal to the effective weighted cost of debt embedded in the weighted rate of return. Interest synchronization synchronizes the ratemaking tax deduction for interest

1 with the interest expense ratepayers are required to provide the Company in
2 utility rates.

3
4 **Current Tax Expense**

5 **Q: Please discuss AG Adjustment H-13 to the Operating Income Statement.**

6 A: This adjustment is for the change in current tax expense resulting from all of the
7 AG's adjustments affecting revenues and expenses.

8
9 **IV. COST OF CAPITAL**

10 **Q: What are the guiding principles in establishing the cost of capital for a**
11 **regulated utility?**

12 A: The United States Supreme Court's *Hope* and *Bluefield* cases established the
13 standards for determining the fairness of a utility's allowed Return on Equity
14 ("ROE").⁵ In these landmark decisions, the Supreme Court established
15 standards for measuring the cost of common equity capital. Consistent with the
16 *Hope* and *Bluefield* decisions, OG&E should have an opportunity to earn a return
17 on equity that is adequate to attract capital at reasonable terms, sufficient to
18 ensure its financial integrity, and commensurate with returns on investments in
19 enterprises having corresponding risks.

⁵ *Bluefield Waterworks & Improvement Co., v. Public service Commission of West Virginia*, 262 U.S. 679 (1923); *Federal Power Commission v. Hope Natural Gas Co.*, 320 U.S. 591 (1944).

1 **Q: Have the current capital market conditions affected the cost of capital?**

2 A: The United States and global financial markets have been in turmoil over the
3 past year. The global financial tightening has resulted in bankruptcies, mergers,
4 and significant government intervention in capital markets. The current state of
5 the financial markets has led to a general decrease in the availability of capital.

6 Fitch Ratings ("Fitch") in its *2009 Outlook for Utilities* noted:

7 Several investment –grade issuers, mostly 'BBB' to 'A' rated
8 operating companies, have issued senior unsecured debt
9 with financing costs clustered in a range approximating 250
10 to 450 basis points above the 5% to 6% range of just 12
11 months ago, and spreads have widened 700-1000 basis
12 points for speculative-grade companies. However, the
13 negative effect of higher capital costs is expected to be
14 muted for most issuers in the sector since only a relatively
15 small portion of debt will re-price in any given year. Thus,
16 Fitch believes the anticipated erosion to interest coverage
17 measures will not result in near-term negative rating or
18 Outlook changes.⁶

19
20 In addition, the government is taking extraordinary measures to avoid a further
21 worsening of the current market turmoil. Utilities, like all segments of the equity
22 market, have seen losses in value and increased volatility in prices which
23 translates to increased investment risk from an investor's point of view. Investors
24 require higher returns for taking on higher risks. However, investors have been
25 more upbeat about prospects for the economy in the last few months indicating
26 that the economy's slide could be slowing. The Dow Jones Industrial Average
27 has increased steadily in the second quarter of 2009. It seems investors are
28 slowly getting back into equity market.

⁶ U.S. Utilities, Power and Gas 2009 Outlook, Fitch Ratings, December 22, 2008, at 2.

1 **Q: What analyses did Dr. Murry rely on in deriving his ROE recommendation?**

2 A: He has relied on the Constant Growth Discounted Cash Flow (“DCF”) and the
3 Capital Asset Pricing Model (“CAPM”) methods. He has also considered current
4 market conditions in estimating OG&E’s ROE.

5

6 **Q: What methods did you use to determine the Company’s ROE?**

7 A: I used the DCF and CAPM models in developing my ROE recommendation.
8 These methods are frequently used by analysts to arrive at their return
9 requirements.

10

11 **Q: Why did you use a group of proxy companies to determine the cost of
12 equity for OG&E?**

13 A: OG&E is a wholly-owned subsidiary of OGE Energy Corp. OG&E’s equity is not
14 market-traded. Since the ROE is a market-based concept, and given that OG&E
15 is not publicly traded, it is necessary to establish a group of companies that are
16 publicly traded and comparable to OG&E to serve as “proxy” in the ROE
17 estimation process.

18

19 **Q: How did you select the companies included in your proxy group?**

20 A: I applied the following criteria to obtain a sample of market-traded electric utilities
21 comparable to OG&E:

- 22
- Value Line Safety of 1, 2 or 3;

- 1 • Market capitalization greater than \$1 billion and less than \$10 billion;
- 2 • At least 60% of operating revenues from electric operations;
- 3 • S&P investment grade rating of at least BBB;
- 4 • Stable dividend history;
- 5 • Common equity ratio of 40% or greater;
- 6 • Not involved in merger activity

7

8 **Q: Which electric utilities met your selection criteria?**

9 A: The criteria discussed above resulted in a proxy group of the following
10 Companies:

- 11 • CLECO CORP.
- 12 • DPL INC.
- 13 • NORTHEAST UTILITIES
- 14 • NSTAR
- 15 • PORTLAND GENERAL
- 16 • PROGRESS ENERGY
- 17 • WISCONSIN ENERGY
- 18 • XCEL ENERGY

19

20 **Q: How do regulated utilities finance their permanent property, plant and
21 equipment?**

22 A: Regulated utilities primarily use common stock, preferred stock, and long-term
23 debt to finance their permanent property, plant and equipment.

24

25 **Q: What capital structure does OG&E propose to use in calculating its overall
26 rate of return?**

1 A: The Company's requested capital structure for period ending September 30,
2 2008 is:⁷

3 Long Term Debt 45.86%

4 Common Equity 54.14%

5

6 **Q: What is the company's current capital structure?**

7 A: OG&E's actual capital structure as of March 31, 2009 was:⁸

8 Long Term Debt 45.78 %

9 Common Equity 54.22 %

10

11 **Q: What capital structure do you recommend for use in this proceeding?**

12 A: I use the Company's actual capital structure ratios as of March 31, 2009.

13

14 **Q: Do you use the Company's requested cost of long term debt in your**
15 **calculation?**

16 A: No. I have also updated Company's requested cost of long term debt to the
17 Company's actual cost of long term debt as of March 31, 2009.⁹

18

19 **Q: Please explain your DCF analyses.**

20 A: The DCF method is based on the theory that a stock's current price represents

⁷ Company's filed Schedule F- 1a

⁸ Company's response to AG 12-6

⁹ Company's response to AG 12-5

1 the present value of all expected future cash flows. I used constant growth DCF
2 model which assumes that earnings and dividends are expected to grow at a
3 constant rate; that the dividend payout ratio remains the same; that investors will
4 require the same return every year; and that growth is provided only by retention
5 of earnings. Cost of capital is derived by the following formula:

$$K = \frac{D}{P} + g$$

6
7
8
9
10 Where: K= cost of capital

11 D= current dividend rate

12 P= current price

13 g= constant rate of expected growth
14

15 In which the first term (D/P) is the expected dividend yield (current income) and
16 the second term (g) is the expected long term growth rate (future income). I
17 relied primarily on Value Line price data from March through May 2009 to
18 properly reflect recent market conditions.
19

20 **Q: How did you calculate the dividend yield in your DCF model?**

21 **A:** The dividend yield component of the DCF is reflected as the annualized dividend
22 divided by the current stock price. I used the current annualized dividend rate
23 and the average of high and low stock prices for the most recent three months
24 (March-May, 2009) for each proxy company in the following formula:

$$\text{Yield} = \frac{D_0(1+0.5g)}{P_0}$$

Where D_0 = current Dividend per Share

P_0 = current stock price

g = constant growth rate in DPS in future

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23

Q: Please explain how you estimated the dividend growth component of your DCF equation.

A: The Constant Growth DCF model assumes a single growth estimate in perpetuity. Over the long run, dividend growth can only be sustained by earnings growth. Individual investors have different expectations and consider alternative indicators in deriving their expectations; no single indicator of growth is exclusively relied upon by all investors. As a result, I considered the historical and projected estimates of earnings retention; 5 year average of historic growth in earnings for book value per share ("BVPS"), dividends declared per share ("DPS"), and earnings per share ("EPS") in estimating the dividend growth component for the DCF model.

Q: Please explain the results of your DCF calculations.

A: Analysis of my risk-comparable sample produced a range of 9.9% to 11.6% with an average of 10.4% (Exhibit RZS 21).

1 **Q: What were the results of your application of the DCF method to the**
2 **comparable group selected by Dr Murry?**

3 A: Dr Murry's proxy group produced a range of 9.9% to 11.6% with an average of
4 10.9% (Exhibit RZS 21).

5
6 **Q: Please briefly describe the Capital Asset Pricing Model.**

7 A: The CAPM is a risk premium approach that estimates the cost of equity for a
8 given security as a function of a risk-free return plus a risk premium. As shown in

9
10
$$K = R_f + \beta (R_m - R_f)$$

- 11
12 Where K= Cost of equity
13 R_f = risk free rate
14 β = Beta of an individual security
15 R_m - R_f = market risk premium

16
17 The CAPM method rests on the premise that investors require a rate of return
18 that commensurate with the risk of investment.

19
20 **Q: Has the Commission previously relied on the CAPM?**

21 A: Yes. The Commission in its Order in Cause No. PUD 200600285 determined
22 that it is appropriate to rely on an average of the DCF and CAPM methods to

1 derive the return on common equity.¹⁰

2

3 **Q: What did you use for the risk-free rate in your CAPM model?**

4 A: I used the average 20-year US Treasury Security Yield over a 30-day time period
5 (Exhibit RZS 22). The interest rate on 20-year Treasury Bonds reflects the long
6 term investment horizon.

7

8 **Q: What source did you use for proxy group Betas?**

9 A: Beta is a measure of the volatility of a particular stock in relation to the overall
10 market. I used recent Betas for the proxy group from Value Line.

11

12 **Q: Please discuss your estimate of the expected market risk premium.**

13 A: The calculation of the risk premium should be based on the longest period
14 possible to avoid giving undue consideration to unusual market conditions.

15 I used the historical returns found in Ibbotson's SBBI 2009 Yearbook, which is a
16 common reference used to estimate rate of return.

17

18 **Q: Have you considered the Company's size relative to the proxy group in
19 your CAPM calculation?**

20 A: Yes, I have. The size premium was added to the CAPM calculation as a result of
21 the comparison of the Company's revenue and assets to the proxy group. The

¹⁰ Order No. 545168, Cause No. PUD 200600285, issued October 9, 2007, at 135-136.

1 Commission in its Order in Cause No. PUD 200500151 stated that the
2 recommended size adjustment based on Ibbotson data was reasonable.¹¹

3

4 **Q: Please explain the results of your CAPM calculations.**

5 A: Analysis of my risk-comparable sample produced a range of 9.9% to 10.2% with
6 an average of 9.7% (Exhibit RZS 23).

7

8 **Q: What were the results of your application of the CAPM method to the**
9 **comparable group selected by Dr Murry?**

10 A: Dr Murry's proxy group produced a range of 9.4% to 10.2% with an average of
11 9.8% (Exhibit RZS 23).

12

13 **Q: What do you recommend as an appropriate ROE for use in setting OG&E's**
14 **rates in this proceeding?**

15 A: I recommend the average of the DCF model and CAPM model results for the
16 proxy group as shown below:

17

| | | |
|----|--------------------|---------------|
| 18 | Average DCF | 10.4% |
| 19 | Average CAPM | 9.7% |
| 20 | AG recommended ROE | 10.05% |

¹¹ Order No. 516261, Cause No. PUD 200500151, issued December 12, 2005, at 93.

1 **Q: What is the overall rate of return you recommend to determine OG&E's**
2 **cost-based revenue requirement in this proceeding?**

3 I recommend rate of return of 8.426% as shown below:
4

| Type of Capital | Capitalization Ratios | Cost Rates | Weighted Cost of Capital |
|-----------------|-----------------------|------------|--------------------------|
| Long Term Debt | 45.78% | 6.503% | 2.977% |
| Common Equity | 54.22% | 10.05% | 5.449% |
| | | | 8.426% |

5

6 **Q: Does this conclude your testimony?**

7 **A: Yes, it does.**

**OKLAHOMA GAS AND ELECTRIC COMPANY
TEST YEAR ENDED SEPTEMBER 30, 2008
PUD CAUSE NO. 200800398**

EXHIBIT
RZS 1

PLANT IN SERVICE

| | | |
|-------------------------------------|----------------------|----------------|
| Company Pro Forma Utility Plant | 6,393,518,626 | Sch B-2 |
| AG Pro Forma Utility Plant | <u>6,404,968,248</u> | AG 4-23 S |
| | 11,449,622 | |
| Capitalized Maintenance | <u>950,618</u> | W/P B3-1 |
| AG Adjustment B-1 | 12,400,240 | |
| | | |
| Company Pro Forma PHFU | 1,794,697 | AG 4-23 S |
| AG Pro Forma PHFU | <u>93,157</u> | AG 12-11 & 9-4 |
| AG Adjustment B-2 | (1,701,540) | |
| Remove Plant Held for Future Use | | |
| | | |
| Company Pro Forma Accumulated Dep. | 2,654,035,727 | Sch B-2 |
| AG Pro Forma Accumulated Dep. | <u>2,712,470,669</u> | AG 4-24 S |
| | (58,434,942) | |
| Capitalized Maint. Accumulated Dep. | <u>(831,537)</u> | W/P B3-1 |
| AG Adjustment B-3 | (59,266,479) | |

OKLAHOMA GAS AND ELECTRIC COMPANY
Cash Working Capital
Test Year Ended September 30, 2008
Cause No. PUD 200800398

| Line | Description | Total OG&E Per Books | AG Adjustments | AG Adjusted Amount | Average Daily Expense | OG&E (Lead)/Lag | Dollar Days |
|------|---|----------------------------|-------------------|--------------------------|-----------------------------|------------------------------|-------------------|
| | Revenue | \$ 2,091,849,518 | | 1,992,283,233 | 5,458,310 | 38.15 | \$ 76,005,605,339 |
| | Cost of service | | | | | | |
| | Fuel & Purchased Power | 1,203,280,226 | | 1,203,280,226 | 3,296,658 | (34.26) | (41,224,380,543) |
| | Payroll | 117,960,260 | | 117,960,260 | 323,179 | (6.77) | (798,590,960) |
| | Other Operation and Maintenance | 296,788,084 | | 296,788,084 | 813,118 | (74.43) | (22,089,937,092) |
| | Depreciation & Amortization Expense | 143,964,482 | (143,964,482) | - | - | - | - |
| | Taxes Other Than Income Taxes | 58,817,003 | | 58,817,003 | 161,142 | (182.16) | (10,714,105,266) |
| | Federal Income Tax- Current | 2,778,524 | | 2,778,524 | 7,612 | (37.75) | (104,889,281) |
| | State Income Tax - current | (1,313,174) | | (1,313,174) | (3,598) | (60.25) | 79,118,734 |
| | Deferred Tax Expense | 60,799,682 | (60,799,682) | - | - | - | - |
| | Investment Tax Credit-Net | (4,683,363) | | (4,683,363) | (12,831) | - | - |
| | long Term Debt Interest | 61,674,278 | | 61,674,278 | 168,971 | (87.47) | (5,394,649,097) |
| | Preferred Stock | - | | - | - | - | - |
| | Common Equity Return | 151,783,516 | (151,783,516) | - | - | - | - |
| | Total Cost of Service | 2,091,849,518 | (356,547,680) | 1,735,301,838 | 4,754,251 | Wtd Avg Lead Days (46.24) | (80,247,433,505) |
| | Daily Cost of Service (Revenue Rqmt) | 5,731,095 | | 4,754,252 | | | |
| | Net Lag Days | | | | | (8.09) | |
| | Working Capital Requirement to Finance Net Lag-Before Adjustments | | | | | | (46,364,559) |
| | Sales & franchise Tax collections | | | | | | 3,064,403 |
| | Other | | | | | | (6,347,390) |
| | Total Working Capital Per AG | | | | | | (49,647,546) |
| | Less OG&E Net Working Capital as Shown on OG&E Schedule E-1 Line 19 | | | | | | (4,427,690) |
| | AG Adjustment B-4 | | | | | | (45,219,856) |

**OKLAHOMA GAS AND ELECTRIC COMPANY
TEST YEAR ENDED SEPTEMBER 30, 2008
PUD CAUSE NO. 200800398**

EXHIBIT
RZS 2

Materials and Supplies

| | | |
|-------------------------|-------------------|-------------|
| Total Company Pro Forma | 67,804,355 | WP B-5 |
| Total AG Pro Forma | <u>65,772,196</u> | OIEC 2-14 S |
| AG Adjustment B-5 | (2,032,159) | |

**OKLAHOMA GAS AND ELECTRIC COMPANY
TEST YEAR ENDED SEPTEMBER 30, 2008
PUD CAUSE NO. 200800398**

EXHIBIT
RZS 3

Coal

| | | |
|-------------------|--------------------|---------|
| Company Pro Forma | 65,340,000 | AG 2-40 |
| AG Pro Forma | 63,126,000 | AG 9-6 |
| AG Adjustment | <u>(2,214,000)</u> | |

Oil

| | | |
|-------------------|------------------|-----------|
| Company Pro Forma | 1,853,212 | AG 9-9 |
| AG Pro Forma | 1,538,515 | PUD SG1-2 |
| AG Adjustment | <u>(314,697)</u> | |

| | | |
|--------------------------|---------------------------|---------|
| Total Company Pro Forma | 67,193,212 | Sch B-2 |
| Total AG Pro Forma | 64,664,515 | |
| AG Adjustment B-6 | <u>(2,528,697)</u> | |

**OKLAHOMA GAS AND ELECTRIC COMPANY
TEST YEAR ENDED SEPTEMBER 30, 2008
PUD CAUSE NO. 200800398**

EXHIBIT
RZS 4

Accumulated Deferred Income Taxes

| | | |
|---|----------------------|-----------|
| Net Total Deferred Income Taxes @ 9/30/2008 | (714,946,985) | WP J-3 |
| Adjusted Balance @ 3/31/2009 | <u>(708,895,671)</u> | OIEC 2-13 |
| AG Adjustment B-7 | 6,051,314 | |

**OKLAHOMA GAS AND ELECTRIC COMPANY
TEST YEAR ENDED SEPTEMBER 30, 2008
PUD CAUSE NO. 200800398**

EXHIBIT
RZS 5

Customer Deposits

| | | |
|--------------------------|---------------------|----------|
| Total Company Pro Forma | (55,228,265) | Sch B-2 |
| Total AG Pro Forma | <u>(57,666,512)</u> | AG 4-16S |
| AG Adjustment B-8 | (2,438,247) | |

**OKLAHOMA GAS AND ELECTRIC COMPANY
TEST YEAR ENDED SEPTEMBER 30, 2008
PUD CAUSE NO. 200800398**

EXHIBIT
RZS 6

Payroll

| | | |
|-------------------|-------------------|---------|
| Company Pro Forma | 9,394,317 | Sch H-2 |
| AG Pro Forma | <u>11,280,430</u> | |
| | 1,886,113 | |

| | |
|---------------------------------|----------------|
| Company Pro Forma Payroll Taxes | 694,240 |
| AG Pro Forma | <u>833,624</u> |
| | 139,384 |

AG Adjustment H- 1 **2,025,497**

Payroll- Redbud

| | | |
|----------------|-----------|------------|
| Redbud Payroll | 2,611,793 | W/P H-2-27 |
|----------------|-----------|------------|

| | |
|---|------------------|
| Annualized Payroll as of March 31, 2009 | 2,570,532 |
| OGE ownership 51% | <u>1,310,971</u> |
| | (1,300,822) |

| | | |
|--|----------------|------------|
| Company's Redbud Pro-Forma Payroll Tax | 193,012 | W/P H-2-27 |
| Payroll Tax as of March 31, 2009 | <u>100,683</u> | |
| | (92,329) | |

(1,300,822)

(92,329)

AG Adjustment H- 2 **(1,393,151)**

Payroll- New Employees

| | |
|------------------------------|----------------|
| Company New Payroll Proforma | 6,370,183 |
| Company Payroll Tax Proforma | <u>470,756</u> |
| | 6,840,939 |

AG Pro Forma 0

AG Adjustment H- 3 **(6,840,939)**

**OKLAHOMA GAS AND ELECTRIC COMPANY
TEST YEAR ENDED SEPTEMBER 30, 2008
PUD CAUSE NO. 200800398**

EXHIBIT
RZS 7

Restoration of Retirement Plan

| | | |
|-----------------------------|------------------|-----------|
| Utility | 168,394 | OIEC 8-10 |
| Holding Co | <u>784,200</u> | |
| Total included in test year | 952,594 | |
| AG Adjustment H- 4 | (952,594) | |

**OKLAHOMA GAS AND ELECTRIC COMPANY
TEST YEAR ENDED SEPTEMBER 30, 2008
PUD CAUSE NO. 200800398**

EXHIBIT
RZS 8

Incentive Compensation

| <u>Incentive Plan</u> | <u>Utility</u> | <u>Holding co</u> | |
|---|----------------|-------------------|----------|
| 629100 Performance Units | 1,083,539 | 2,700,511 | OIEC 3-6 |
| 629105 Restricted Stock | - | 4,740 | |
| 629500 TeamShare | 8,931,024 | 5,557,581 | |
| 629510 Other Incentive compensation | 133,286 | 446,231 | |
| Test Year Expense | 10,147,849 | 8,709,063 | |
| | | 76.71% | |
| | | <u>6,680,722</u> | |
| Total Expense included in operating expense | | 16,828,571 | |
| Test Year Long Term Incentive | | 3,634,327 | |
| Test Year Teamshare | | <u>13,194,244</u> | |
| | | 16,828,571 | |
| AG Adjustment H- 5 Remove Long Term incentive compensation | | 3,634,327 | |
| AG Adjustment H- 6 Remove half of the TeamShare incentive compensation | | 6,597,122 | |

**OKLAHOMA GAS AND ELECTRIC COMPANY
TEST YEAR ENDED SEPTEMBER 30, 2008
PUD CAUSE NO. 200800398**

EXHIBIT
RZS 9

Legislative Advocacy and PAC

| | | |
|----------------------------------|---------------------|--------------------|
| Remove Legislative Advocacy Cost | \$ (214,485) | WP H-14 AG 5-15 |
| Political Action Committee | <u>(8,292)</u> | AG 5-11 |
| AG Adjustment H-7 | \$ (222,777) | |

OKLAHOMA GAS AND ELECTRIC COMPANY
TEST YEAR ENDED SEPTEMBER 30, 2008
PUD CAUSE NO. 200800398

EXHIBIT
RZS 10

Bad Debt Expense

| | | |
|--|---------------------------|-------------|
| Test Year Bad Debt Expense | 1,939,167 | W/P H-2 -21 |
| Bad Debt for the year ending 3/31/2009 | 4,253,133 | PUDKP 9-1 |
| | <u>2,313,966</u> | |
| | | |
| Company Pro Forma | 3,350,396 | W/P H-2 -21 |
| AG Pro Forma | 2,313,966 | |
| AG Adjustment H-8 | <u>(1,036,430)</u> | |

**OKLAHOMA GAS AND ELECTRIC COMPANY
TEST YEAR ENDED SEPTEMBER 30, 2008
PUD CAUSE NO. 200800398**

EXHIBIT
RZS 11

Dues, Donations, Memberships & Contributions

| | | |
|--|---------------------------|----------|
| Dues & mem included in cost of service | \$ 934,423 | W/P H-16 |
| OGE Dues & mem | 792,242 | AG 5-10r |
| Total Dues & Memberships | <u>1,726,665</u> | |
| | | |
| Chamber of Commerce | 143,365 | |
| Economic Development | 31,500 | |
| Memberships | 35,868 | |
| Employee Events | 554 | |
| Rotary - christmas Tip | 10 | |
| Advertising | 32,245 | |
| Donations, sponsorship & Contributions | 135,134 | |
| Miscellaneous | 5,142 | |
| | <u>383,818</u> | |
| OGE Dues | 698,551 | |
| Total | <u>1,082,369</u> | |
| | | |
| Total Dues & Mem per company | 1,726,665 | |
| Total Dues & Mem per AG | 644,296 | |
| AG Adjustment H- 9 | <u>(1,082,369)</u> | |

**OKLAHOMA GAS AND ELECTRIC COMPANY
 TEST YEAR ENDED SEPTEMBER 30, 2008
 PUD CAUSE NO. 200800398**

EXHIBIT
 RZS 12

Ad valorem Taxes

| Description | Fair Cash value | Assessment Ratio | Assessed Valuation | Millage Rate | Historical & Proposed Tax | Company % Tax Increase |
|--|-----------------|------------------|--------------------|--------------|---------------------------|------------------------|
| OK 2008 | 2,325,906,504 | 22.85% | 531,469,636 | 0.09019 | 47,934,948 | 3.80% |
| Ark 2008 | 204,250,000 | 20% | 40,850,000 | 0.04970 | 2,030,363 | 8.40% |
| 2008 Tax year (Without Redbud) | | | | | 49,965,311 | |
| Redbud Plant | | | | | 3,285,462 | |
| Increase in valuation & Millages in 2009 | | | | | 2,250,907 | |
| Total | | | | | 55,501,680 | |
| Test Year Ad valorem per books | | | | | 49,997,872 | |
| | | | | | 5,503,808 | |

| | | |
|----------------------------|------------------|------------|
| Company Pro Forma | 3,791,820 | W/P H-2-12 |
| AG Pro Forma | 5,503,808 | |
| AG Adjustment H- 10 | 1,711,988 | |

OKLAHOMA GAS AND ELECTRIC COMPANY
TEST YEAR ENDED SEPTEMBER 30, 2008
PUD CAUSE NO. 200800398

EXHIBIT
RZS 13

Depreciation Expense

| | | |
|----------------------------|----------------|------------|
| Company's Pro Forma | 29,436,520 | W/P H-2-16 |
| Pro Forma @ March 31, 2009 | 29,700,532 | |
| AG Adjustment H- 11 | 264,012 | |

**OKLAHOMA GAS AND ELECTRIC COMPANY
TEST YEAR ENDED SEPTEMBER 30, 2008
PUD CAUSE NO. 200800398**

EXHIBIT
RZS 14

Interest on Customer Deposits

| | | |
|--|-------------------------|------------|
| Customer Deposits March 2009 | \$ (57,666,512) | AG 4-17 |
| Short Term Customer Deposits | 23,463,889 | |
| Short Term Interest Rate | 1.48% | |
| Interest on Short Term Customer Deposits | <u>347,266</u> | |
| Long Term Customer Deposits | 29,699,321 | |
| Long Term Interest Rates | 3.68% | |
| Interest on Long Term Customer Deposits | <u>1,092,935</u> | |
| AR Deposits | 4,503,302 | |
| AR Interest Rate | 2.80% | AG12-10 |
| | <u>126,092</u> | |
| OG&E Pro Forma Customer Deposits | 2,394,584 | W/P H 2-35 |
| AG Pro Forma Customer Deposits | 1,566,293 | |
| AG Adjustment H-12 | <u>(828,291)</u> | |

Oklahoma Gas & Electric Company
Cause No. PUD 200800398

EXHIBIT
RZS 15

Capital Structure as of March 31, 2009

| | <u>Amount Millions</u> | <u>Share Percentage</u> |
|----------------|----------------------------|-----------------------------|
| Long Term Debt | 1,541.5 | 45.780% |
| Common Equity | 1,825.7 | 54.220% |
| Total | 3,367.2 | |

Source: Oklahoma Gas & Electric response to AG 12-6

Oklahoma Gas & Electric Company
Cause No. PUD 200800398

EXHIBIT
RZS 16

Comparable Electric Companies
Comparison of Common Equity Ratios

| <u>Company</u> | <u>2005</u> | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009E</u> |
|-----------------------|-------------|-------------|-------------|-------------|--------------|
| OGE Energy Corp. | 50.5% | 54.4% | 55.6% | 46.7% | 49.5% |
| 1 CLECO CORP. | 52.0% | 57.8% | 56.7% | 49.1% | 47.5% |
| 2 DPL INC. | 37.9% | 31.1% | 35.8% | 42.4% | 45.0% |
| 3 NORTHEAST UTILITIES | 35.1% | 39.7% | 39.2% | 38.1% | 40.0% |
| 4 NSTAR | 38.6% | 39.7% | 40.1% | 39.5% | 49.5% |
| 5 PORTLAND GENERAL | 57.7% | 56.6% | 50.1% | 49.0% | 51.5% |
| 6 PROGRESS ENERGY | 43.3% | 48.1% | 48.8% | 46.0% | 45.5% |
| 7 WISCONSIN ENERGY | 46.7% | 48.2% | 49.2% | 44.8% | 46.0% |
| 8 XCEL ENERGY | 47.3% | 47.0% | 49.4% | 47.5% | 48.5% |
| Average | 45.5% | 47.0% | 47.2% | 44.8% | 47.0% |

Source: Value Line Investment survey

**Oklahoma Gas & Electric Company
Cause No. PUD 200800398**

**EXHIBIT
RZS 17**

**Comparable Electric Companies
Basis for Selection**

| <u>Company</u> | <u>Market Cap (billion)</u> | <u>Electric Revenue %</u> | <u>Common Equity Ratio</u> | <u>Value Line Safety</u> | <u>Dividend History</u> | <u>S&P Credit Rating</u> |
|-----------------------|-------------------------------------|-----------------------------------|------------------------------------|----------------------------------|-----------------------------|--------------------------------------|
| OGE Energy Corp. | 2.20 | 48% | 49.50% | 2 | Stable | BBB+ |
| 1 CLECO CORP. | 1.30 | 96% | 47.50% | 3 | Stable | BBB |
| 2 DPL INC. | 2.50 | 100% | 45.00% | 3 | Stable | BBB |
| 3 NORTHEAST UTILITIES | 3.60 | 81% | 40.00% | 3 | Stable | BBB |
| 4 NSTAR | 3.60 | 79% | 49.50% | 1 | Stable | A+ |
| 5 PORTLAND GENERAL | 1.20 | 98% | 51.50% | 2 | Stable | BBB+ |
| 6 PROGRESS ENERGY | 9.80 | 100% | 45.50% | 2 | Stable | BBB+ |
| 7 WISCONSIN ENERGY | 4.50 | 61% | 46.00% | 2 | Stable | BBB+ |
| 8 XCEL ENERGY | 8.40 | 78% | 48.50% | 2 | Stable | BBB+ |

Source: Value Line Investment survey, S&P Rating Direct, Strongest to Weakest, March 31, 2009 & AUS Utility Report

**Oklahoma Gas & Electric Company
Cause No. PUD 200800398**

**EXHIBIT
RZS 18**

**Comparable Electric Companies
Dividend Yield**

| COMPANY | DPS | March-May, 2009 | | | AVG | YIELD | AVERAGE GROWTH RATE | ADJUSTED YIELD |
|-----------------------|---------|-----------------|-------|-------|-------|-------|---------------------------|-------------------|
| | | HIGH | LOW | AVG | | | | |
| OGE Energy Corp. | \$ 1.39 | 24.49 | 23.83 | 24.16 | 5.75% | 1.8% | 5.80% | |
| 1 CLECO CORP. | 0.90 | 21.55 | 20.94 | 21.25 | 4.24% | 5.0% | 4.34% | |
| 2 DPL INC. | 1.10 | 22.27 | 21.74 | 22.00 | 5.00% | 2.3% | 5.06% | |
| 3 NORTHEAST UTILITIES | 0.83 | 21.25 | 20.62 | 20.94 | 3.96% | 8.0% | 4.12% | |
| 4 NSTAR | 1.40 | 30.87 | 30.00 | 30.44 | 4.60% | 5.0% | 4.71% | |
| 5 PORTLAND GENERAL | 0.97 | 17.65 | 17.01 | 17.33 | 5.60% | 0.0% | 5.60% | |
| 6 PROGRESS ENERGY | 2.46 | 35.08 | 34.22 | 34.65 | 7.10% | 1.8% | 7.16% | |
| 7 WISCONSIN ENERGY | 1.08 | 39.70 | 38.72 | 39.21 | 2.75% | 8.3% | 2.87% | |
| 8 XCEL ENERGY | 0.94 | 18.06 | 17.61 | 17.83 | 5.27% | -2.8% | 5.20% | |
| Average | | | | | | | 4.88% | |

Dr. Murry Proxy Group

| | | | | | | | |
|-----------------------|------|-------|-------|-------|-------|------|-------|
| 1 DPL INC. | 1.10 | 22.27 | 21.74 | 22.00 | 5.00% | 2.3% | 5.06% |
| 2 NORTHEAST UTILITIES | 0.83 | 21.25 | 20.62 | 20.94 | 3.96% | 8.0% | 4.12% |
| 3 NSTAR | 1.40 | 30.87 | 30.00 | 30.44 | 4.60% | 5.0% | 4.71% |
| 4 PEPCO HOLDINGS | 1.08 | 12.42 | 11.97 | 12.20 | 8.86% | 1.3% | 8.91% |
| 5 PINNACLE WEST | 2.10 | 26.94 | 26.18 | 26.56 | 7.91% | 3.5% | 8.04% |
| 6 SCANA CORP. | 1.82 | 30.21 | 29.42 | 29.82 | 6.10% | 5.0% | 6.26% |
| 7 WISCONSIN ENERGY | 1.08 | 39.70 | 38.72 | 39.21 | 2.75% | 8.3% | 2.87% |
| Average | | | | | | | 5.71% |

Source: Yahoo! Finance.

**Oklahoma Gas & Electric Company
Cause No. PUD 200800398**

**EXHIBIT
RZS 19**

**Comparable Electric Companies
Retention Growth Rates**

| <u>COMPANY</u> | <u>2004</u> | <u>2005</u> | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>Average</u> | <u>2009</u> | <u>2010</u> | <u>2012-2014</u> | <u>Average</u> |
|------------------------------|-------------|-------------|-------------|-------------|-------------|----------------|-------------|-------------|------------------|----------------|
| OGE Energy Corp. | 3.4% | 3.4% | 6.6% | 7.1% | 5.4% | 5.2% | 4.5% | 5.5% | 5.5% | 5.2% |
| 1 CLECO CORP. | 3.9% | 4.1% | 3.0% | 2.6% | 4.5% | 3.6% | 5.0% | 5.0% | 4.5% | 4.8% |
| 2 DPL INC. | 9.8% | 0.8% | 1.7% | 11.4% | 11.5% | 7.0% | 11.0% | 11.0% | 9.0% | 10.3% |
| 3 NORTHEAST UTILITIES | 1.6% | 1.5% | 0.3% | 4.3% | 5.3% | 2.6% | 4.5% | 4.5% | 4.5% | 4.5% |
| 4 NSTAR | 4.8% | 4.6% | 4.9% | 4.9% | 5.0% | 4.8% | 5.0% | 5.5% | 6.0% | 5.5% |
| 5 PORTLAND GENERAL | 7.2% | 5.3% | 3.5% | 6.6% | 2.5% | 5.0% | 3.5% | 4.0% | 4.0% | 3.8% |
| 6 PROGRESS ENERGY | 2.6% | 1.7% | 0.0% | 0.7% | 1.5% | 1.3% | 2.0% | 2.0% | 2.5% | 2.2% |
| 7 WISCONSIN ENERGY | 4.9% | 7.5% | 7.1% | 7.1% | 7.0% | 6.7% | 6.0% | 7.0% | 7.0% | 6.7% |
| 8 XCEL ENERGY | 3.9% | 2.9% | 3.6% | 3.1% | 3.5% | 3.4% | 3.5% | 3.5% | 5.0% | 4.0% |
| Average | | | | | | 4.3% | | | | 5.2% |
| Dr. Murry Proxy Group | | | | | | | | | | |
| 1 DPL INC. | 9.8% | 0.8% | 1.7% | 11.4% | 11.5% | 7.0% | 11.0% | 11.0% | 9.0% | 10.3% |
| 2 NORTHEAST UTILITIES | 1.6% | 1.5% | 0.3% | 4.3% | 5.3% | 2.6% | 4.5% | 4.5% | 4.5% | 4.5% |
| 3 NSTAR | 4.8% | 4.6% | 4.9% | 4.9% | 5.0% | 4.8% | 5.0% | 5.5% | 6.0% | 5.5% |
| 4 PEPCO HOLDINGS | 2.5% | 2.4% | 1.5% | 2.3% | 3.5% | 2.4% | 3.5% | 4.5% | 5.5% | 4.5% |
| 5 PINNACLE WEST | 2.3% | 1.0% | 3.4% | 2.5% | 2.0% | 2.2% | 1.5% | 2.0% | 2.0% | 1.8% |
| 6 SCANA CORP. | 5.6% | 5.3% | 3.8% | 4.0% | 4.5% | 4.6% | 3.5% | 3.5% | 4.0% | 3.7% |
| 7 WISCONSIN ENERGY | 4.9% | 7.5% | 7.1% | 7.1% | 7.0% | 6.7% | 6.0% | 7.0% | 7.0% | 6.7% |
| Average | | | | | | 4.4% | | | | 5.3% |

Source: Value Line Investment survey

**Oklahoma Gas & Electric Company
Cause No. PUD 200800398**

**EXHIBIT
RZS 20**

**Comparable Electric Companies
Per Share Growth Rates**

| COMPANY | 5-Year Historic Growth Rates | | | | Est Growth Rates ('06-'08) to ('12-'14) | | | |
|-----------------------|------------------------------|-------|-------|-------------|---|-------|-------|---------|
| | EPS | DPS | BVPS | Average | EPS | DPS | BVPS | Average |
| OGE Energy Corp. | 11.0% | 0.5% | 7.0% | 6.2% | 4.5% | 3.0% | 7.0% | 4.8% |
| 1 CLECO CORP. | -2.0% | 0.5% | 7.0% | 1.8% | 10.5% | 9.5% | 7.0% | 9.0% |
| 2 DPL INC. | -1.0% | 1.0% | 2.5% | 0.8% | 8.0% | 3.5% | 10.5% | 7.3% |
| 3 NORTHEAST UTILITIES | 8.5% | 9.5% | 2.5% | 6.8% | 10.5% | 6.5% | 5.5% | 7.5% |
| 4 NSTAR | 3.5% | 3.5% | 4.0% | 3.7% | 7.5% | 6.5% | 5.5% | 6.5% |
| 5 PORTLAND GENERAL | | | | | 7.0% | | 3.5% | 5.3% |
| 6 PROGRESS ENERGY | -4.5% | 2.5% | 3.0% | 0.3% | 5.5% | 1.0% | 2.0% | 2.8% |
| 7 WISCONSIN ENERGY | 6.0% | 4.5% | 7.5% | 6.0% | 8.0% | 12.0% | 6.0% | 8.7% |
| 8 XCEL ENERGY | -2.0% | -8.5% | -1.5% | -4.0% | 7.5% | 3.0% | 4.5% | 5.0% |
| Average | | | | 2.2% | 6.5% | | | |

Dr. Murry Proxy Group

| | | | | | | | | |
|-----------------------|-------|------|------|-------------|-------------|-------|-------|------|
| 1 DPL INC. | -1.0% | 1.0% | 2.5% | 0.8% | 8.0% | 3.5% | 10.5% | 7.3% |
| 2 NORTHEAST UTILITIES | 8.5% | 9.5% | 2.5% | 6.8% | 10.5% | 6.5% | 5.5% | 7.5% |
| 3 NSTAR | 3.5% | 3.5% | 4.0% | 3.7% | 7.5% | 6.5% | 5.5% | 6.5% |
| 4 PEPCO HOLDINGS | -4.5% | | 1.0% | -1.8% | 10.0% | 2.5% | 4.5% | 5.7% |
| 5 PINNACLE WEST | -2.5% | 5.5% | 3.5% | 2.2% | 1.0% | 1.5% | 2.0% | 1.5% |
| 6 SCANA CORP. | 4.0% | 6.5% | 4.0% | 4.8% | 4.0% | 3.5% | 4.5% | 4.0% |
| 7 WISCONSIN ENERGY | 6.0% | 4.5% | 7.5% | 6.0% | 8.0% | 12.0% | 6.0% | 8.7% |
| Average | | | | 3.2% | 5.9% | | | |

Source: Value Line Investment survey

Oklahoma Gas & Electric Company
Cause No. PUD 200800398
Comparable Electric Companies
DCF Rates

| COMPANY | Adjusted Dividend Yield | Historic Retention Growth | Prospective Retention Growth | Historic Per Share Growth | Prospective Per Share Growth | Yahoo! 5 Year Pro EPS | Average Growth Rate | DCF ROE |
|-----------------------|-------------------------|---------------------------|------------------------------|---------------------------|------------------------------|-----------------------|---------------------|---------|
| OGE Energy Corp. | 5.8% | 5.2% | 5.2% | 6.2% | 4.8% | 6.0% | 5.5% | 11.3% |
| 1 CLECO CORP. | 4.3% | 3.6% | 4.8% | 1.8% | 9.0% | 11.7% | 6.2% | 10.5% |
| 2 DPL INC. | 5.1% | 7.0% | 10.3% | 0.8% | 7.3% | 7.4% | 6.6% | 11.6% |
| 3 NORTHEAST UTILITIES | 4.1% | 2.6% | 4.5% | 6.8% | 7.5% | 7.4% | 5.8% | 9.9% |
| 4 NSTAR | 4.7% | 4.8% | 5.5% | 3.7% | 6.5% | 6.7% | 5.4% | 10.1% |
| 5 PORTLAND GENERAL | 5.6% | 5.0% | 3.8% | 0.3% | 5.3% | 7.2% | 5.3% | 10.9% |
| 6 PROGRESS ENERGY | 7.2% | 1.3% | 2.2% | 0.3% | 2.8% | 5.5% | 2.4% | 9.6% |
| 7 WISCONSIN ENERGY | 2.9% | 6.7% | 6.7% | 6.0% | 8.7% | 8.9% | 7.4% | 10.3% |
| 8 XCEL ENERGY | 5.2% | 3.4% | 4.0% | | 5.0% | 6.4% | 4.7% | 9.9% |
| MEAN | | | | | | | | 10.4% |

Dr. Murry Proxy Group

| | | | | | | | | |
|-----------------------|------|------|-------|------|------|------|------|-------|
| 1 DPL INC. | 5.1% | 7.0% | 10.3% | 0.8% | 7.3% | 7.4% | 6.6% | 11.6% |
| 2 NORTHEAST UTILITIES | 4.1% | 2.6% | 4.5% | 6.8% | 7.5% | 7.4% | 5.8% | 9.9% |
| 3 NSTAR | 4.7% | 4.8% | 5.5% | 3.7% | 6.5% | 6.7% | 5.4% | 10.2% |
| 4 PEPCO HOLDINGS | 8.9% | 2.4% | 4.5% | | 5.7% | 3.7% | 4.1% | 13.0% |
| 5 PINNACLE WEST | 8.0% | 2.2% | 1.8% | 2.2% | 1.5% | 4.5% | 2.4% | 10.5% |
| 6 SCANA CORP. | 6.3% | 4.6% | 3.7% | 4.8% | 4.0% | 5.2% | 4.5% | 10.7% |
| 7 WISCONSIN ENERGY | 2.9% | 6.7% | 6.7% | 6.0% | 8.7% | 8.9% | 7.4% | 10.3% |
| MEAN | | | | | | | | 10.9% |

Source: Value Line Investment Survey & Yahoo! Finance

Oklahoma Gas & Electric Company
Cause No. PUD 200800398

EXHIBIT
RZS 22

Comparable Electric Companies
20-Year US Treasury Security Yield

| <u>DATE</u> | <u>20 yr</u> |
|-------------|--------------|
| 5/1/2009 | 4.14% |
| 5/4/2009 | 4.11% |
| 5/5/2009 | 4.11% |
| 5/6/2009 | 4.12% |
| 5/7/2009 | 4.26% |
| 5/8/2009 | 4.25% |
| 5/11/2009 | 4.15% |
| 5/12/2009 | 4.13% |
| 5/13/2009 | 4.06% |
| 5/14/2009 | 4.04% |
| 5/15/2009 | 4.07% |
| 5/18/2009 | 4.16% |
| 5/19/2009 | 4.19% |
| 5/20/2009 | 4.11% |
| 5/21/2009 | 4.27% |
| 5/22/2009 | 4.36% |
| 5/26/2009 | 4.42% |
| 5/27/2009 | 4.58% |
| 5/28/2009 | 4.52% |
| 5/29/2009 | 4.34% |
| Average | 4.22% |

**Oklahoma Gas & Electric Company
Cause No. PUD 200800398**

**EXHIBIT
RZS 23**

**Comparable Electric Companies
Capital Asset Pricing Model**

| COMPANY | Historic Market Portfolio | Historic Long Term Bonds | Risk Premium | Beta Ranking | Beta Risk Premium | 20-Year US Bond Yield | CAPM | Size Premium | Size Adjusted CAPM |
|-----------------------|---------------------------|--------------------------|--------------|--------------|-------------------|-----------------------|------|--------------|--------------------|
| OGE Energy Corp. | 12.2% | 6.5% | 5.7% | 0.75 | 4.3% | 4.2% | 8.5% | 1.74% | 10.2% |
| 1 CLECO CORP. | 12.2% | 6.5% | 5.7% | 0.75 | 4.3% | 4.2% | 8.5% | 1.74% | 10.2% |
| 2 DPL INC. | 12.2% | 6.5% | 5.7% | 0.60 | 3.4% | 4.2% | 7.6% | 1.74% | 9.4% |
| 3 NORTHEAST UTILITIES | 12.2% | 6.5% | 5.7% | 0.70 | 4.0% | 4.2% | 8.2% | 1.74% | 9.9% |
| 4 NSTAR | 12.2% | 6.5% | 5.7% | 0.65 | 3.7% | 4.2% | 7.9% | 1.74% | 9.6% |
| 5 PORTLAND GENERAL | 12.2% | 6.5% | 5.7% | 0.65 | 3.7% | 4.2% | 7.9% | 1.74% | 9.6% |
| 6 PROGRESS ENERGY | 12.2% | 6.5% | 5.7% | 0.60 | 3.4% | 4.2% | 7.6% | 1.74% | 9.4% |
| 7 WISCONSIN ENERGY | 12.2% | 6.5% | 5.7% | 0.65 | 3.7% | 4.2% | 7.9% | 1.74% | 9.6% |
| 8 XCEL ENERGY | 12.2% | 6.5% | 5.7% | 0.70 | 4.0% | 4.2% | 8.2% | 1.74% | 9.9% |
| MEAN | | | | | | | | | 9.7% |

Dr. Murry Proxy Group

| | | | | | | | | | |
|-----------------------|-------|------|------|------|------|------|------|-------|-------|
| 1 DPL INC. | 12.2% | 6.5% | 5.7% | 0.60 | 3.4% | 4.2% | 7.6% | 1.74% | 9.4% |
| 2 NORTHEAST UTILITIES | 12.2% | 6.5% | 5.7% | 0.70 | 4.0% | 4.2% | 8.2% | 1.74% | 9.9% |
| 3 NSTAR | 12.2% | 6.5% | 5.7% | 0.65 | 3.7% | 4.2% | 7.9% | 1.74% | 9.6% |
| 4 PEPCO HOLDINGS | 12.2% | 6.5% | 5.7% | 0.75 | 4.3% | 4.2% | 8.5% | 1.74% | 10.2% |
| 5 PINNACLE WEST | 12.2% | 6.5% | 5.7% | 0.70 | 4.0% | 4.2% | 8.2% | 1.74% | 9.9% |
| 6 SCANA CORP. | 12.2% | 6.5% | 5.7% | 0.65 | 3.7% | 4.2% | 7.9% | 1.74% | 9.6% |
| 7 WISCONSIN ENERGY | 12.2% | 6.5% | 5.7% | 0.65 | 3.7% | 4.2% | 7.9% | 1.74% | 9.6% |
| MEAN | | | | | | | | | 9.8% |

Source: Value Line Investment Survey & Ibbotson Associates 2009 S&P Yearbook: Valuation Edition