
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 11-K

(Mark One)

ANNUAL REPORT PURSUANT TO SECTION 15(d) OF
THE SECURITIES EXCHANGE ACT OF 1934
For the fiscal year ended December 31, 2015

OR

TRANSITION REPORT PURSUANT TO SECTION 15(d) OF
THE SECURITIES EXCHANGE ACT OF 1934
For the transition period from _____ to _____

Commission File Number: 1-12579

**OGE ENERGY CORP.
EMPLOYEES' STOCK OWNERSHIP AND
RETIREMENT SAVINGS PLAN**

(Full title of the Plan)

**OGE ENERGY CORP.
321 North Harvey
P.O. Box 321
Oklahoma City, Oklahoma 73101-0321**

*(Name of issuer of the securities held pursuant to the Plan and the address
of its principal executive office)*

**OGE ENERGY CORP.
EMPLOYEES' STOCK OWNERSHIP AND RETIREMENT SAVINGS PLAN**

FORM 11-K

FOR THE YEAR ENDED DECEMBER 31, 2015

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REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

**To the OGE Energy Corp.
Plan Administration Committee:**

We have audited the accompanying statements of net assets available for benefits of the OGE Energy Corp. Employees' Stock Ownership and Retirement Savings Plan as of December 31, 2015 and 2014, and the related statement of changes in net assets available for benefits for the year ended December 31, 2015. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. We were not engaged to perform an audit of the Plan's internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan at December 31, 2015 and 2014, and the changes in its net assets available for benefits for the year ended December 31, 2015, in conformity with U.S. generally accepted accounting principles.

The accompanying supplemental schedule of assets (held at end of year) as of December 31, 2015, has been subjected to audit procedures performed in conjunction with the audit of the Plan's financial statements. The information in the supplemental schedule is the responsibility of the Plan's management. Our audit procedures included determining whether the information reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental schedule. In forming our opinion on the information, we evaluated whether such information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. In our opinion, the information is fairly stated, in all material respects, in relation to the financial statements as a whole.

/s/ Ernst & Young LLP

Oklahoma City, Oklahoma
June 21, 2016

OGE ENERGY CORP.
EMPLOYEES' STOCK OWNERSHIP AND RETIREMENT SAVINGS PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

DECEMBER 31, 2015 AND 2014

	2015	2014
Investments (at fair value)		
Common stock	\$ 199,296,325	\$ 283,081,187
Mutual funds	329,170,083	358,617,020
Common/collective trust	44,569,866	44,966,255
Interest-bearing cash	5,225,202	4,320,949
U.S. Government obligations	10,221	21,155
Bonds, debentures and notes	57,419	73,994
Preferred stocks	56,591	45,265
Total investments at fair value	578,385,707	691,125,825
Non-interest bearing cash	242	31,541
Notes receivable from participants	12,919,421	14,547,658
Net assets reflecting investments at fair value	591,305,370	705,705,024
Adjustment from fair value to contract value for fully benefit-responsive investment contracts held in common/collective trust	(317,704)	(647,177)
Net assets available for benefits	\$ 590,987,666	\$ 705,057,847

The accompanying Notes to Financial Statements are an integral part hereof.

OGE ENERGY CORP.
EMPLOYEES' STOCK OWNERSHIP AND RETIREMENT SAVINGS PLAN
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
FOR THE YEAR ENDED DECEMBER 31, 2015

ADDITIONS	
Contributions	
Participants	\$ 19,639,519
Company	11,413,822
Rollovers	775,629
Interest and dividend income	
Mutual funds	17,929,403
Common stock	5,128,078
Common/collective trust	589,362
Interest on notes receivable from participants	564,635
Interest-bearing cash	417
Other	383,767
Total additions	<u>56,424,632</u>
DEDUCTIONS	
Distributions to participants	89,542,823
Administrative expenses (net of revenue credit)	(42,192)
Net depreciation in fair value of investments	
Common stock	68,404,559
Mutual funds	12,589,623
Total deductions	<u>170,494,813</u>
NET DECREASE IN NET ASSETS AVAILABLE FOR BENEFITS	(114,070,181)
NET ASSETS AVAILABLE FOR BENEFITS	
Beginning of year	705,057,847
End of year	<u>\$ 590,987,666</u>

The accompanying Notes to Financial Statements are an integral part hereof.

OGE ENERGY CORP.
EMPLOYEES' STOCK OWNERSHIP AND RETIREMENT SAVINGS PLAN

NOTES TO FINANCIAL STATEMENTS

1. Plan Description

The OGE Energy Corp. Employees' Stock Ownership and Retirement Savings Plan ("Plan"), originally the Oklahoma Gas and Electric Company Employees' Thrift Plan, was adopted in 1981 and became effective January 1, 1982. By action of OGE Energy Corp.'s Board of Directors taken on July 15, 1998, the Oklahoma Gas and Electric Company Employees' Stock Ownership Plan ("ESOP") and participants' ESOP accounts thereunder were merged into the Plan effective October 1, 1998. The Plan is a defined contribution trusteed plan. Fidelity Management Trust Company ("Fidelity") serves as the Trustee of the Plan and is responsible for the safekeeping and investment of all contributions made to the trust in accordance with the Trust Agreement between OGE Energy Corp. ("Company") and the Trustee. The following description of the Plan describes the terms of the Plan on December 31, 2015, unless otherwise noted, and provides only general information about the Plan's provisions. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

General

Participation in the Plan is voluntary. The Plan is administered by the Company's Plan Administration Committee, which consists of at least three members appointed by the Company's Benefits Oversight Committee. The Plan Administration Committee is responsible for the general administration of the Plan including, among other things, appointing the Plan administrator, establishing Plan procedures and governmental reporting and disclosures for the Plan. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended ("ERISA").

Eligibility

Each regular full-time employee of the Company or a participating affiliate is eligible to participate in the Plan immediately. All other employees of the Company or a participating affiliate are eligible to become participants in the Plan after completing one year of service, as defined in the Plan. The following individuals are not eligible to participate in the Plan: leased employees, individuals classified by the employer as independent contractors and employees covered by a collective bargaining agreement that does not provide for their participation in the Plan.

Participant Contributions

Each pay period participants may contribute any whole percentage between two percent and 19 percent of their compensation, as defined in the Plan, for that pay period. Participants may change contribution percentages in advance of any pay period. Contributions of the first six percent of compensation (or, in certain cases beginning on or after January 1, 2010, the first five percent of compensation where the Company only matches contributions not in excess of five percent of compensation) are defined in the Plan as "Regular Contributions" and any contributions in excess of Regular Contributions are defined in the Plan as "Supplemental Contributions." Participants may designate, at their discretion, all or any portion of their Regular and Supplemental Contributions to the Plan as: (i) a salary reduction contribution under Section 401(k) of the Internal Revenue Code ("Code") subject to the limitations thereof; or (ii) a contribution made on a non-Roth after-tax basis. The portion of the participant's contribution that is designated as a salary reduction contribution may be designated as a "Tax-Deferred Contribution", which is not subject to Federal income tax until such portion is withdrawn or distributed from the Plan or effective April 1, 2014, as an after tax "Roth Contribution", which is subject to Federal income tax at the time the employee would have otherwise received the amount in cash but earns income tax-free if certain conditions are met, or a combination of these types of contributions.

Participants who have attained age 50 before the close of a calendar year are allowed to make additional contributions, defined in the Plan as "Catch-Up Contributions," for the year in accordance with and subject to the limitations of Section 414(v) of the Code. Catch-Up Contributions may be designated as Tax-Deferred or Roth Contributions. All contributions are subject to certain limitations of the Code.

Participants can direct that their contributions be invested in multiples of one percent in any one or all of the investment options available, including the OGE Energy Corp. Common Stock Fund which invests exclusively in the Company's common stock. Participants may change investment allocations of contributions on any business day. A managed account option is offered under the Plan which provides participants an option, for a fee, to have funds in their account invested by an investment manager among the investment options available under the Plan (excluding the OGE Energy Corp. Common Stock Fund and self-directed brokerage option). Under the managed account option, the amounts invested by an investment manager exclude amounts participants elect to be retained in the OGE Energy Corp. Common Stock Fund. The investment manager appointed for this

purpose is Strategic Advisers, Inc., an affiliate of the Trustee. Another option available to participants is Fidelity Brokerage Link, which is a self-directed brokerage option that allows an electing participant to invest in individual stocks and bonds as well as mutual funds beyond the current Plan investment options. A participant's self-directed brokerage account is adjusted solely to reflect dividends, earnings, losses, gains and expenses and changes attributable to their self-directed brokerage account. Any investments held in a participant's self-directed brokerage account for which the participant does not provide investment direction will be invested in the Fidelity Freedom K® Income Fund until the participant makes a proper direction.

Eligible employees who do not affirmatively elect to either participate or not participate in the Plan are automatically enrolled in the Plan to contribute three percent of their compensation per pay period as a Tax-Deferred Contribution. Enrollment is effective as of the 30th day following the date the eligible employee satisfies the eligibility requirements of the Plan. In the absence of an investment election, the participant's Tax-Deferred Contributions will be invested in the applicable Fidelity Freedom K® Fund based upon the participant's date of birth. If an eligible employee ceases to be eligible by reason of termination of employment or otherwise, the automatic enrollment will not apply to such eligible employee on any subsequent re-employment with the Company or on otherwise again becoming an eligible employee.

A participant may elect, in accordance with the Plan's procedures, to have his or her rate of Tax-Deferred Contributions automatically increased annually on a date and in an amount as specified by the participant in such election, which amount will be one percent, two percent or three percent of his or her compensation per pay period. Such election will remain in effect until cancelled by the participant in accordance with the Plan's procedures.

The Plan also allows rollovers from other eligible retirement plans, defined in the Plan as "Rollover Contributions." Participants may invest their Rollover Contributions into the OGE Energy Corp. Common Stock Fund or any of the other investment options available under the Plan.

Employer Contributions

The Plan was amended to provide that, on and after January 1, 2010, for any employee whose employment or re-employment date occurs on or after December 1, 2009, the Company will contribute 200 percent of the participant's Regular Contributions, up to five percent of compensation. For employees whose employment or re-employment date occurred before December 1, 2009, the Company will contribute, depending on certain elections made by the employees with respect to their participation in the Company's qualified defined benefit retirement plan ("Pension Plan"), the amounts described below.

For participants whose employment or re-employment date occurred before February 1, 2000 and who elected to continue to earn additional benefits under the Pension Plan, the Company contributes to the Plan each pay period an amount equal to 50 percent of the participant's Regular Contributions up to six percent of compensation if the participant has less than 20 years of service, as defined in the Plan, and an amount equal to 75 percent of the participant's Regular Contributions up to six percent of compensation if the participant has 20 or more years of service, as defined in the Plan. If such participants elected to freeze their accruals under the Pension Plan, depending on the freeze options they elected, the Company contributes either 100 percent of the participant's Regular Contributions up to six percent of compensation or 200 percent of the participant's Regular Contributions up to five percent of compensation.

For participants whose employment or re-employment date occurred on or after February 1, 2000 and before December 1, 2009, the Company contributes 100 percent of the participant's Regular Contributions up to six percent of compensation if the participant elected to participate in the Pension Plan, or 200 percent of the participant's Regular Contributions up to five percent of compensation if the participant elected not to participate in the Pension Plan.

For purposes of the Company's contributions, "compensation" does not include overtime payments, pay-in-lieu of overtime for exempt personnel, special lump-sum recognition awards and lump-sum merit awards included in compensation for determining the amount of participant contributions. The Company's contributions may be directed to any available investment option in the Plan. In the absence of an investment election, the participant's Company matching contributions will be invested in the applicable Fidelity Freedom K Fund based upon the participant's date of birth. During 2015, there were no non-cash Company contributions made to the Plan.

Vesting

Participants' Regular Contributions, Supplemental Contributions, Rollover Contributions and Catch-Up Contributions are fully vested and non-forfeitable, as are participants' ESOP contribution accounts. Employees participating in the Plan vest in their allocated share of Company contributions over a three-year period. Participants become 20 percent vested in their Company contribution account after two years of service and become fully vested after three years of service. In addition, participants fully vest when they are eligible for normal or early retirement under the Company's Pension Plan, in the event of their termination due

to death or permanent disability, or upon attainment of age 65 while employed by the Company or its affiliates. Participants who die while performing qualified military service will be treated as if they had resumed and then terminated employment on account of death.

Participants' non-vested balances are forfeited upon termination of employment. Such forfeitures can be used to reduce employer contributions or plan administrative expenses. During 2015, forfeited non-vested participant balances of \$227,021 were used to reduce the Company's contributions. At December 31, 2015 and 2014, there were no forfeited and unallocated assets. Forfeitures are reinstated if the participant is re-employed by the Company or an affiliate thereof within five years of the date of termination.

Withdrawals

During employment, participants may not withdraw Tax-Deferred Contributions, Roth Contributions or Catch-Up Contributions and income earned thereon until attainment of age 59½, except in the event of financial hardship where a participant may withdraw the participant's Tax-Deferred Contributions, Roth Contributions and Catch-Up Contributions exclusive of earnings after 1988 and except in the event of a "permissible withdrawal" as described below. Withdrawals are made in cash. Participants can generally make one withdrawal per calendar year for no less than either \$300 or 100 percent of the participant's after-tax contribution account, whichever is less. Subject to the foregoing, a withdrawal can be comprised of after-tax contributions, vested Company contributions, Catch-Up Contributions and Tax-Deferred Contributions, Roth Contributions and any income earned thereon. Hardship withdrawals must be approved by the Plan Administration Committee. As of the last business day of any quarter, participants may also withdraw in cash or in Company common stock all amounts allocated to their ESOP accounts. Participants may withdraw their Rollover Contributions at any time.

Eligible employees who are automatically enrolled in the Plan may no later than 90 days after the first Tax-Deferred Contribution is deducted from their compensation elect to make a "permissible withdrawal" from the Plan of all of his or her Tax-Deferred Contributions (and any earnings (or losses) attributable thereto). Any Company matching contributions (as adjusted for earnings (or losses) attributable thereto) that are attributable to amounts distributed to a participant by reason of a permissible withdrawal will be forfeited and be considered a forfeiture as of the date the distribution is made. Also, the participant's automatic enrollment agreement will terminate upon electing to make a permissible withdrawal and no further Tax-Deferred Contributions will be made on the participant's behalf unless and until the participant makes an election to resume making Tax-Deferred Contributions.

Distributions

Participants may request distribution of their vested accounts upon termination of employment with the Company and its affiliates for any reason. If a participant's vested account balance is less than or equal to \$1,000, it will automatically be distributed in a lump-sum payment to the participant as soon as administratively possible following termination. If a participant's vested account balance is greater than \$1,000, it may be distributed in a lump-sum payment, installment payments or a combination thereof at the participant's election, and participants who are under age 70½ at termination may defer commencement of their distributions to not later than April 1 of the year after the year in which they reach age 70½.

All distributions are made in cash or in kind as the participant elects. All amounts invested in the OGE Energy Corp. Common Stock Fund, whether purchased with participant or Company contributions, may be paid in cash, in full shares of the Company's common stock with fractional shares being paid in cash or a combination thereof at the participant's election. The Plan implements a dividend pass-through program in which all dividends allocable to shares of the Company common stock in participants' accounts are automatically paid in cash to participants based on the number of shares allocated to their accounts as of the ex-dividend date for such dividend unless otherwise requested. Any dividends not distributed in cash are used to purchase additional shares of the Company's common stock, which are allocated to the respective participants' accounts in the form of additional shares which are fully vested regardless of the participants' years of service. Participants or spouse beneficiaries receiving distributions or withdrawals which are eligible rollover distributions, as defined in the Plan, may elect to make rollovers to an eligible retirement plan provided that such eligible retirement plan accepts direct rollovers. The Plan also allows a non-spouse beneficiary to directly rollover an eligible rollover distribution to an eligible individual retirement account or individual retirement annuity.

Notes Receivable from Participants (Participant Loans)

The maximum amount that a participant may borrow is the lesser of either \$50,000 or 50 percent of the participant's vested account balance. No amounts may be borrowed from a participant's ESOP account. A participant may have no more than two loans outstanding at one time. The loans are secured by the participant's vested account balance. All loans granted must be repaid pursuant to a written repayment schedule not to exceed five years and evidenced by a written promissory note signed by the borrower. Borrowed amounts do not share in the earnings and losses of the investment funds. Rather, interest payments on

the loan are credited to the participant's account in the Plan. If a participant should terminate employment, the participant may repay the entire loan amount at that time or, if distribution is deferred, may elect to continue repayments by check. If a participant defaults in the payment of principal or interest under the terms of the loan at the time the participant is entitled to a distribution, the participant's account will be offset by the outstanding loan amount. If a participant ceases to make loan repayments and the Plan administrator deems the participant loan to be a distribution, the participant loan balance is reduced and a benefit payment is recorded. Loans made to participants will be liquidated from a participant's account in accordance with rules established by the Plan Administration Committee.

The interest rate for loans, as established by the Plan Administration Committee, is equal to the "prime rate," as published in the *Wall Street Journal* on the first business day of the month preceding the date the loan is made, plus one percent. The interest rate was 4.25 percent for loans initiated during 2015 and 2014. Interest incurred on loans during 2015 was \$564,635.

Administrative Expenses

Certain expenses of administering the Plan are expected to be paid by the participants. Participants obtaining a loan are charged \$35.00 to initiate the loan and \$15.00 annually for maintenance. Investment management fees for participants electing to participate in the managed account option are also paid by electing participants. All fees, commissions, charges and penalties incurred by a participant in connection with investments made through Fidelity Brokerage Link are paid from the electing participant's account. All other administrative expenses of the Plan, including legal, accounting and trustee fees, are paid by the Plan except to the extent paid by the Company.

Investment fees are generally assessed by an investment option and are deducted from the option's investment returns. Any transaction-based fees charged by an investment option will be charged directly by the investment option to applicable participant accounts.

During 2015, the Plan received a revenue sharing credit from Fidelity. A revenue sharing credit is a refund of a portion of the revenue Fidelity and other fund managers have received based on the funds participants have chosen. The Plan recognized revenue sharing credits of \$200,000 in 2015. This credit is reflected as an offset to administrative expenses on the Statement of Changes in Net Assets Available for Benefits. Certain record keeping fees and other Plan fees are paid through the revenue sharing credit program. After paying these qualified administrative expenses, the Plan allocated the remaining balance to eligible participants on a pro-rata basis in December 2015.

Plan Termination

The Company intends to continue the Plan indefinitely, but reserves the right to alter, amend or modify the Plan at any time upon the direction of the Company's Board of Directors or the Company's Benefits Oversight Committee, as provided in the Plan. In addition, the Company's Board of Directors may discontinue contributions to the Plan or terminate the Plan at anytime. If the Plan is terminated for any reason, the interests of all affected participants will be fully vested and the Plan Administration Committee will direct that the participants' account balances be distributed as provided in the Plan. The Company has no continuing liability under the Plan after the final disposition of the assets of the Plan.

2. Summary of Significant Accounting Policies

Basis of Accounting

The accompanying financial statements have been prepared on the accrual basis of accounting in accordance with U.S. generally accepted accounting principles ("GAAP"). Distributions to participants are recorded when paid.

New Accounting Pronouncements

In May 2015, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update 2015-07 "Fair Value Measurement (Topic 820): Disclosures for Investments in Certain Entities That Calculate Net Asset Value per Share (or Its Equivalent)" (ASU 2015-07). ASU 2015-07 removes the requirement to categorize within the fair value hierarchy all investments for which fair value is measured using the net asset value per share practical expedient. It also eliminates certain disclosures for investments measured at fair value using the net asset value per share practical expedient. The guidance was effective for fiscal years beginning after December 15, 2015, and interim periods within those fiscal years and requires retrospective presentation. The adoption of this new standard will have minimal impact to the Plan's Statement of Net Assets Available for Benefits or Statement of Changes in Net Assets Available for Benefits as this adoption only impacted disclosures.

In July 2015, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update 2015-12 "Plan Accounting: Defined Benefit Pension Plans (Topic 960), Defined Contribution Pension Plans (Topic 962) Health and Welfare Benefit Plans (Topic 965): (Part I) Fully-Responsive Investment Contracts, (Part II) Plan Investment Disclosures and (Part III) Measurement Date Practical Expedient". Part I designates fully benefit-responsive investment contracts are measured, presented and disclosed only at contract value. Part II also eliminates the requirements to disclose investments that represent five percent or more of net assets available for benefits and the net appreciation or depreciation for investments by general type for both participant-directed and nonparticipant-directed investments. It also simplifies the level of disaggregation of investments measured using fair value. Plans will continue to disaggregate investments that are measured using fair value by general type; however, plans are no longer required to disaggregate investments by nature, characteristics and risks. Further, the disclosure of information about fair value measurement shall be provided by general type of plan asset. Part III is not applicable to the Plan. The guidance is effective for fiscal years beginning after December 15, 2015. Early adoption is permitted and retrospectively applied for all financial statements presented. The adoption of this standard will have minimal impact on the Plan's Statement of Net Assets Available for Benefits and Statement of Changes in Net Assets Available for Benefits.

Use of Estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the financial statements, accompanying notes and supplemental schedule. Actual results could differ from those estimates.

Investments

Common and preferred stocks are of U.S. companies and are valued at published market prices. Mutual funds are valued at published market prices, which represent the net asset value of shares held by the Plan at year-end. The stable value common/collective trust in which the Plan invests, the Fidelity Managed Income Portfolio II ("MIP"), is valued by the trustee thereof at net asset value based on the fair values of the underlying investments of the trust using a variety of pricing sources. The MIP holds, among other investments, investments in fully benefit-responsive investment contracts. As required by the FASB, an adjustment from fair value to contract value to equal the sum of all benefits owed to participants in fully benefit-responsive investment contracts held in the common/collective trust is presented in the Statements of Net Assets Available for Benefits. Contract value represents contributions made to such trust, plus earnings, less participant withdrawals, administrative expenses and other charges or adjustments. Participant-directed redemptions in the MIP have no restrictions; however, the Plan is required to provide a 12-month redemption notice to liquidate its entire share in the MIP. The primary strategy of the MIP is to seek the preservation of capital as well as provide a competitive level of income over time consistent with the preservation of capital. Interest-bearing cash is in U.S. dollars. U.S. Government obligations are comprised of U.S. treasury notes and bonds corporate and are valued using quoted prices in an active market. Bonds, debentures and notes are primarily comprised of U.S. corporate bonds with an investment grade rating of A1 by Moody's Investors Service and AA+ by Standard & Poor's Ratings Service. The plan utilizes the market approach in determining the fair value of its bonds, debentures and notes using quoted market prices and estimates of current rates available for similar issues with similar maturities.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net depreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year.

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the value of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the Statements of Net Assets Available for Benefits.

The following investments were added in 2015: Fidelity Freedom K® 2060 Fund (added February 1, 2015) and Sentinel Common Stock Fund (Class R6) (added November 20, 2015). These changes did not have an effect on investment strategy or risk but reduced expenses.

Notes Receivable from Participants (Participant Loans)

Notes receivable from participants represent participant loans that are recorded at their unpaid principal balance plus any accrued but unpaid interest. Interest income on notes receivable from participants is recorded when it is earned. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded at December 31, 2015 or 2014.

Share Valuation - OGE Energy Corp. Common Stock Fund

The Plan uses the share method of valuation for the OGE Energy Corp. Common Stock Fund. Under the share method of valuation, the price per share of common stock is based on the quoted market value of OGE common stock. The Company's common stock price is readily available to the participants and is printed in many publications.

3. Amounts Due To Participants

At December 31, 2015 and 2014, there were no participants that had terminated and requested a distribution who had not received payment of the distribution.

4. Fair Value Measurements

The classification of the Plan's fair value measurements requires judgment regarding the degree to which market data are observable or corroborated by observable market data. GAAP establishes a fair value hierarchy that prioritizes the inputs used to measure fair value based on observable and unobservable data. The hierarchy categorizes the inputs into three levels, with the highest priority given to quoted prices in active markets for identical unrestricted assets or liabilities (Level 1) and the lowest priority given to unobservable inputs (Level 3). Financial assets and liabilities are classified in their entirety based on the lowest level of input that is significant to the fair value measurement. The three levels defined in the fair value hierarchy and examples of each are as follows:

Level 1 inputs are unadjusted quoted prices in active markets for identical unrestricted assets or liabilities that are accessible by the Plan at the measurement date. Instruments classified as Level 1 include investments in common and preferred stocks, mutual funds, interest-bearing cash, U.S. Government obligations and certain bonds, debentures and notes.

Level 2 inputs are inputs other than quoted prices in active markets included within Level 1 that are either directly or indirectly observable at the reporting date for the asset or liability for substantially the full term of the asset or liability. Level 2 inputs include quoted prices for similar assets or liabilities in active markets and quoted prices for identical or similar assets or liabilities in markets that are not active. Instruments classified as Level 2 include investments in a stable value common/collective trust and certain bonds, debentures and notes. The Plan utilizes the market approach in determining the fair value of certain of its bonds, debentures and notes, using quoted market prices and estimates of current rates available for similar issues with similar maturities.

Level 3 inputs are prices or valuation techniques for the asset or liability that require inputs that are both significant to the fair value measurement and unobservable (i.e., supported by little or no market activity). Unobservable inputs reflect the Plan's own assumptions about the assumptions that market participants would use in pricing the asset or liability (including assumptions about risk). The Plan holds no level 3 investments.

The following tables summarize the Plan's investments that are measured at fair value on a recurring basis at December 31, 2015 and 2014:

	December 31,			
	2015		Level 1	Level 2
Common stock				
U.S. common stock	\$ 199,296,325	\$	199,296,325	\$ —
Mutual funds				
Stock investments	200,804,115		200,804,115	—
Blended investments	90,113,868		90,113,868	—
Bond investments	38,252,100		38,252,100	—
Stable value common/collective trust	44,569,866		—	44,569,866
Interest-bearing cash	5,225,202		5,225,202	—
U.S. Government obligations				
U.S. treasury notes and bonds	10,221		10,221	—
Bonds, debentures and notes				
Corporate fixed income and other securities	57,419		57,419	—
Preferred stocks (domestic)	56,591		56,591	—
Total	\$ 578,385,707	\$	533,815,841	\$ 44,569,866

	December 31,		Level 1	Level 2
	2014			
Common stock				
U.S. common stock	\$	283,081,187	\$	283,081,187
Mutual funds				
Stock investments		218,651,889		218,651,889
Blended investments		95,004,141		95,004,141
Bond investments		44,960,990		44,960,990
Stable value common/collective trust		44,966,255		—
Interest-bearing cash		4,320,949		4,320,949
U.S. Government obligations				
U.S. treasury notes and bonds		21,155		21,155
Bonds, debentures and notes				
Corporate fixed income and other securities		73,994		72,174
Preferred stocks (domestic)		45,265		45,265
Total	\$	691,125,825	\$	646,157,750

5. Investments

The following investments represent five percent or more of the Plan's net assets:

	December 31,	
	2015	2014
OGE Energy Corp. Common Stock	\$ 189,597,455	\$ 271,843,462
Fidelity Managed Income Portfolio II (A)	44,252,162	44,319,078
PIMCO Total Return Fund (Institutional Class)	31,141,626	35,655,298
Fidelity® Contrafund® (Class K)	59,484,301	61,982,002
Fidelity Blue Chip Growth Fund (Class K)	38,371,003	48,840,486

(A) These balances are stated at contract value. Fair value at December 31, 2015 and 2014 is \$44,569,866 and \$44,966,255, respectively.

6. Income Tax Status

The Company received a favorable determination letter dated August 12, 2014 which stated that the Plan is qualified under Section 401(a) of the Code and, therefore, the related trust is exempt from taxation. Subsequent to receiving the letter, the Plan was amended. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualification. The Plan's administrator believes the Plan, as amended, is being operated in compliance with the applicable requirements of the Code.

At December 31, 2015, the Plan had no unrecognized tax benefits related to uncertain tax positions. The Plan recognizes interest related to unrecognized tax benefits in interest expense and recognizes penalties in other expense. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The Plan administrator believes the Plan is no longer subject to income tax examinations for years prior to 2012.

7. Reconciliation of Financial Statements to the Form 5500

The following is a reconciliation of net assets available for benefits at December 31, 2015 and 2014 per the financial statements to the Form 5500:

	2015	2014
Net assets available for benefits per the financial statements	\$ 590,987,666	\$ 705,057,847
Adjustment from fair value to contract value for fully benefit-responsive investment contracts held in common/collective trust	317,704	647,177
Net assets available for benefits per the Form 5500	\$ 591,305,370	\$ 705,705,024

The following is a reconciliation of the net decrease in net assets for the year ended December 31, 2015 per the financial statements to the Form 5500:

Net decrease in net assets per the financial statements	\$	(114,070,181)
Adjustment from fair value to contract value for fully benefit-responsive investment contracts held in common/collective trust at end of year		317,704
Less: Adjustment from fair value to contract value for fully benefit-responsive investment contracts held in common/collective trust at beginning of year		647,177
Net loss per the Form 5500	\$	<u>(114,399,654)</u>

The Plan's investment in the common/collective trust is reported at fair value for Form 5500 reporting.

8. Party-in-Interest Transactions

Certain Plan investments are in interest-bearing cash, mutual funds and a common/collective trust managed by Fidelity. Fidelity also serves as the Trustee of the Plan and, therefore, Plan transactions involving these mutual funds, common/collective trust or interest-bearing cash qualify as party-in-interest transactions under ERISA and the Code. Additionally, a portion of the Plan's assets are invested in the Company's common stock. Because the Company is the Plan sponsor, Plan transactions involving the Company's common stock qualify as party-in-interest transactions. Finally, the engagement of Strategic Advisers, Inc. to provide investment management services under the managed account option and its investment in mutual funds and a common/collective trust managed by Fidelity are party-in-interest transactions under ERISA and the Code because Strategic Advisers, Inc. is an affiliate of the Trustee. All of the foregoing transactions are exempt from the prohibited transaction rules of ERISA and the Code under statutory or governmental agency exemptions.

SUPPLEMENTAL SCHEDULE

**OGE ENERGY CORP.
EMPLOYEES' STOCK OWNERSHIP AND RETIREMENT SAVINGS PLAN**

**SCHEDULE H, LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
EMPLOYER IDENTIFICATION NUMBER: 73-1481638
PLAN NUMBER: 003**

DECEMBER 31, 2015

(a)	(b) Issuer	(c) Description of Investment	(d) Cost	(e) Current Value
*	OGE Energy Corp.	Common stock, \$0.01 par value	**	\$ 189,597,455
	American Beacon	Large Cap Value Fund (Institutional Class), mutual fund	**	6,595,817
	American Funds	EuroPacific Growth Fund (Class R6), mutual fund	**	15,254,607
	Conestoga	Conestoga Small Cap Stock Fund, mutual fund	**	2,629,626
*	Fidelity Mgmt. Trust Co.	Asset Manager 20%, mutual fund	**	7,182,288
*	Fidelity Mgmt. Trust Co.	Asset Manager 50%, mutual fund	**	12,630,013
*	Fidelity Mgmt. Trust Co.	Asset Manager 70%, mutual fund	**	12,835,542
*	Fidelity Mgmt. Trust Co.	Blue Chip Growth Fund (Class K), mutual fund	**	38,371,003
*	Fidelity Mgmt. Trust Co.	Self-Directed Brokerage Account - Brokerage Link	**	16,398,486
*	Fidelity Mgmt. Trust Co.	Contrafund (Class K), mutual fund	**	59,484,301
*	Fidelity Mgmt. Trust Co.	Freedom K® Income, mutual fund	**	1,630,905
*	Fidelity Mgmt. Trust Co.	Freedom K® 2005 Fund, mutual fund	**	89,573
*	Fidelity Mgmt. Trust Co.	Freedom K® 2010 Fund, mutual fund	**	2,378,128
*	Fidelity Mgmt. Trust Co.	Freedom K® 2015 Fund, mutual fund	**	5,342,928
*	Fidelity Mgmt. Trust Co.	Freedom K® 2020 Fund, mutual fund	**	10,650,471
*	Fidelity Mgmt. Trust Co.	Freedom K® 2025 Fund, mutual fund	**	8,218,167
*	Fidelity Mgmt. Trust Co.	Freedom K® 2030 Fund, mutual fund	**	7,416,131
*	Fidelity Mgmt. Trust Co.	Freedom K® 2035 Fund, mutual fund	**	4,502,215
*	Fidelity Mgmt. Trust Co.	Freedom K® 2040 Fund, mutual fund	**	7,026,556
*	Fidelity Mgmt. Trust Co.	Freedom K® 2045 Fund, mutual fund	**	4,379,408
*	Fidelity Mgmt. Trust Co.	Freedom K® 2050 Fund, mutual fund	**	4,325,168
*	Fidelity Mgmt. Trust Co.	Freedom K® 2055 Fund, mutual fund	**	1,468,860
*	Fidelity Mgmt. Trust Co.	Freedom K® 2060 Fund, mutual fund	**	37,515
*	Fidelity Mgmt. Trust Co.	Low-Priced Stock Fund (Class K), mutual fund	**	13,780,184
*	Fidelity Mgmt. Trust Co.	Managed Income Portfolio II, common/collective trust	**	44,569,866
*	Fidelity Mgmt. Trust Co.	Retirement Money Market, interest-bearing cash		221,160
	Glenmede	Glenmede Small Cap Equity Portfolio (Institutional Class), mutual fund	**	10,997,266
	Goldman Sachs	Mid Cap Value Fund (Institutional Class), mutual fund	**	6,578,769
	Invesco	International Growth Fund (Institutional Class), mutual fund	**	8,404,183
	PIMCO	Total Return Fund (Institutional Class), mutual fund	**	31,141,626
	Sentinel	Common Stock Fund (Class R6), mutual fund	**	15,611,875
	Spartan	Total Market Index Fund (Fidelity Advantage Class), mutual fund	**	10,595,594
	Spartan	U.S. Bond Index Fund, mutual fund	**	5,539,373
	T. Rowe Price	Mid Cap Growth Class, mutual fund	**	12,500,890
*	Participants	Notes receivable from participants, with various maturity dates and an interest rate of 4.25%	—	12,919,421
		Total investments and notes receivable from participants		\$ 591,305,370

* Party-in-interest

** Investments are participant-directed, thus cost information is not applicable.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Plan Administration Committee has duly caused this Annual Report on Form 11-K to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Oklahoma City and State of Oklahoma on the 21st day of June 2016.

**OGE ENERGY CORP.
EMPLOYEES' STOCK OWNERSHIP
AND RETIREMENT SAVINGS PLAN**

By /s/ Stephen E. Merrill

Stephen E. Merrill
Chief Financial Officer

By /s/ Scott Forbes

Scott Forbes
Controller and Chief Accounting Officer

By /s/ Margaret A. Walsh

Margaret A. Walsh
Benefits Director

EXHIBIT INDEX

Exhibit No.	Description
23.01	Consent of Independent Registered Public Accounting Firm.

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in the Registration Statement (Form S-8 No. 333-190406) pertaining to the OGE Energy Corp. Employees' Stock Ownership and Retirement Savings Plan of our report dated June 21, 2016, with respect to the financial statements and schedule of the OGE Energy Corp. Employees' Stock Ownership and Retirement Savings Plan included in this Annual Report (Form 11-K) for the year ended December 31, 2015.

/s/ Ernst & Young LLP

Oklahoma City, Oklahoma
June 21, 2016