

CMS ENERGY CORP  
Form 10-K  
February 11, 2016  
Table of Contents

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

**Washington, D.C. 20549**

**FORM 10-K**

x ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2015

OR

o TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission File Number 1-9513	Registrant; State of Incorporation; Address; and Telephone Number <b>CMS ENERGY CORPORATION</b> (A Michigan Corporation) One Energy Plaza, Jackson, Michigan 49201 (517) 788-0550	IRS Employer Identification No. 38-2726431
1-5611	<b>CONSUMERS ENERGY COMPANY</b> (A Michigan Corporation) One Energy Plaza, Jackson, Michigan 49201 (517) 788-0550	38-0442310

Securities registered pursuant to Section 12(b) of the Act:

<u>Registrant</u>	<u>Title of Class</u>	<u>Name of Each Exchange on Which Registered</u>
CMS Energy Corporation	Common Stock, \$0.01 par value	New York Stock Exchange
Consumers Energy Company	Cumulative Preferred Stock, \$100 par value: \$4.50 Series	New York Stock Exchange

Edgar Filing: CMS ENERGY CORP - Form 10-K

Securities registered pursuant to Section 12(g) of the Act: None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.

CMS Energy Corporation: Yes x No o

Consumers Energy Company: Yes x No o

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act.

CMS Energy Corporation: Yes o No x

Consumers Energy Company: Yes o No x

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the Registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

CMS Energy Corporation: Yes x No o

Consumers Energy Company: Yes x No o

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data file required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

CMS Energy Corporation: Yes x No o

Consumers Energy Company: Yes x No o

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K. x

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of large accelerated filer, accelerated filer and smaller reporting company in Rule 12b-2 of the Exchange Act.

CMS Energy Corporation:

Large accelerated filer x

Accelerated filer o

Non-Accelerated filer o (Do not check if a smaller reporting company)

Smaller reporting company o

Consumers Energy Company:

Large accelerated filer o

Accelerated filer o

Non-Accelerated filer x (Do not check if a smaller reporting company)

Smaller reporting company o

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

CMS Energy Corporation: Yes o No x

Consumers Energy Company: Yes o No x

## Edgar Filing: CMS ENERGY CORP - Form 10-K

The aggregate market value of CMS Energy voting and non-voting common equity held by non-affiliates was \$8.736 billion for the 274,372,316 CMS Energy Common Stock shares outstanding on June 30, 2015 based on the closing sale price of \$31.84 for CMS Energy Common Stock, as reported by the New York Stock Exchange on such date. There were no shares of Consumers common equity held by non-affiliates as of June 30, 2015.

There were 277,970,146 shares of CMS Energy Common Stock outstanding on January 13, 2016, including 803,551 shares owned by Consumers Energy Company. On January 13, 2016, CMS Energy held all 84,108,789 outstanding shares of common equity of Consumers.

Documents incorporated by reference in Part III: CMS Energy's proxy statement and Consumers' information statement relating to the 2016 Annual Meeting of Shareholders to be held May 6, 2016.

---

Table of Contents

CMS Energy Corporation

Consumers Energy Company

**Annual Reports on Form 10-K to the Securities and Exchange Commission for the Year Ended December 31, 2015**

**TABLE OF CONTENTS**

	<u>Page</u>
<u>Glossary</u>	3
<u>Filing Format</u>	11
<u>Forward-Looking Statements and Information</u>	11
 <b><u>Part I</u></b>	
<u>Item 1.</u>	<u>Business</u> 14
<u>Item 1A.</u>	<u>Risk Factors</u> 30
<u>Item 1B.</u>	<u>Unresolved Staff Comments</u> 41
<u>Item 2.</u>	<u>Properties</u> 41
<u>Item 3.</u>	<u>Legal Proceedings</u> 42
<u>Item 4.</u>	<u>Mine Safety Disclosures</u> 42
 <b><u>Part II</u></b>	
<u>Item 5.</u>	<u>Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities</u> 42
<u>Item 6.</u>	<u>Selected Financial Data</u> 43
<u>Item 7.</u>	<u>Management's Discussion and Analysis of Financial Condition and Results of Operations</u> 43
<u>Item 7A.</u>	<u>Quantitative and Qualitative Disclosures About Market Risk</u> 44
<u>Item 8.</u>	<u>Financial Statements and Supplementary Data</u> 45
<u>Item 9.</u>	<u>Changes in and Disagreements with Accountants on Accounting and Financial Disclosure</u> 155
<u>Item 9A.</u>	<u>Controls and Procedures</u> 155
<u>Item 9B.</u>	<u>Other Information</u> 157
 <b><u>Part III</u></b>	
<u>Item 10.</u>	<u>Directors, Executive Officers and Corporate Governance</u> 157
<u>Item 11.</u>	<u>Executive Compensation</u> 158
<u>Item 12.</u>	<u>Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters</u> 158
<u>Item 13.</u>	<u>Certain Relationships and Related Transactions, and Director Independence</u> 158
<u>Item 14.</u>	<u>Principal Accountant Fees and Services</u> 158

**Part IV**

Item 15.

Exhibits and Financial Statement Schedules

159

1

---

Table of Contents

(This page intentionally left blank)

Table of Contents

## **GLOSSARY**

Certain terms used in the text and financial statements are defined below.

### **2008 Energy Law**

Comprehensive energy reform package enacted in Michigan in 2008

### **ABATE**

Association of Businesses Advocating Tariff Equity

### **ABO**

Accumulated benefit obligation; the liabilities of a pension plan based on service and pay to date, which differs from the PBO in that it does not reflect expected future salary increases

### **AFUDC**

Allowance for borrowed and equity funds used during construction

### **AOCI**

Accumulated other comprehensive income (loss)

### **ARO**

Asset retirement obligation

### **ASU**

Financial Accounting Standards Board Accounting Standards Update

### **Bay Harbor**

A residential/commercial real estate area located near Petoskey, Michigan, in which CMS Energy sold its interest in 2002

**bcf**

Billion cubic feet

**Btu**

British thermal unit

**Cantera Gas Company**

Cantera Gas Company LLC, a non-affiliated company, formerly known as CMS Field Services

**Cantera Natural Gas, Inc.**

Cantera Natural Gas, Inc., a non-affiliated company that purchased CMS Field Services

**CAO**

Chief Accounting Officer

**Cash Balance Pension Plan**

Cash balance pension plan of CMS Energy and Consumers

**CCR**

Coal combustion residual

**CEO**

Chief Executive Officer



Table of Contents

**CERCLA**

Comprehensive Environmental Response, Compensation, and Liability Act of 1980

**CFO**

Chief Financial Officer

**city-gate contract**

An arrangement made for the point at which a local distribution company physically receives gas from a supplier or pipeline

**Clean Air Act**

Federal Clean Air Act of 1963, as amended

**Clean Water Act**

Federal Water Pollution Control Act of 1972, as amended

**CMS Capital**

CMS Capital, L.L.C., a wholly owned subsidiary of CMS Energy

**CMS Energy**

CMS Energy Corporation and its consolidated subsidiaries, unless otherwise noted; the parent of Consumers and CMS Enterprises

**CMS Enterprises**

CMS Enterprises Company, a wholly owned subsidiary of CMS Energy

**CMS ERM**

CMS Energy Resource Management Company, formerly known as CMS MST, a wholly owned subsidiary of CMS Enterprises

**CMS Field Services**

CMS Field Services, Inc., a former wholly owned subsidiary of CMS Gas Transmission

**CMS Gas Transmission**

CMS Gas Transmission Company, a wholly owned subsidiary of CMS Enterprises

**CMS Land**

CMS Land Company, a wholly owned subsidiary of CMS Capital

**CMS MST**

CMS Marketing, Services and Trading Company, a wholly owned subsidiary of CMS Enterprises, whose name was changed to CMS ERM in 2004

**Consumers**

Consumers Energy Company and its consolidated subsidiaries, unless otherwise noted; a wholly owned subsidiary of CMS Energy

**Consumers 2014 Securitization Funding**

Consumers 2014 Securitization Funding LLC, a wholly owned consolidated bankruptcy-remote subsidiary of Consumers and special-purpose entity organized for the sole purpose of purchasing and owning Securitization property, issuing Securitization bonds, and pledging its interest in Securitization property to a trustee to collateralize the Securitization bonds

Table of Contents

**CSAPR**

The Cross-State Air Pollution Rule

**DB Pension Plan**

Defined benefit pension plan of CMS Energy and Consumers, including certain present and former affiliates and subsidiaries

**DB SERP**

Defined Benefit Supplemental Executive Retirement Plan

**DCCP**

Defined Company Contribution Plan

**DC SERP**

Defined Contribution Supplemental Executive Retirement Plan

**DIG**

Dearborn Industrial Generation, L.L.C., a wholly owned subsidiary of Dearborn Industrial Energy, L.L.C., a wholly owned subsidiary of CMS Energy

**Dodd-Frank Act**

Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010

**DOE**

U.S. Department of Energy

**DTE Electric**

DTE Electric Company, a non-affiliated company

**DTE Gas**

DTE Gas Company, a non-affiliated company

Edgar Filing: CMS ENERGY CORP - Form 10-K

**DTIA**

Distribution-Transmission Interconnection Agreement dated April 1, 2001 between METC and Consumers, as amended

**EBITDA**

Earnings before interest, taxes, depreciation, and amortization

**EnerBank**

EnerBank USA, a wholly owned subsidiary of CMS Capital

**Entergy**

Entergy Corporation, a non-affiliated company

**EPA**

U.S. Environmental Protection Agency

**EPS**

Earnings per share

**Exchange Act**

Securities Exchange Act of 1934

Table of Contents

**FDIC**

Federal Deposit Insurance Corporation

**FERC**

The Federal Energy Regulatory Commission

**First Mortgage Bond Indenture**

The indenture dated as of September 1, 1945 between Consumers and The Bank of New York Mellon, as Trustee, as amended and supplemented

**FLI Liquidating Trust**

Trust formed in Missouri bankruptcy court to accomplish the liquidation of Farmland Industries, Inc., a non-affiliated entity

**FMB**

First mortgage bond

**FTR**

Financial transmission right

**GAAP**

U.S. Generally Accepted Accounting Principles

**GCC**

Gas Customer Choice, which allows gas customers to purchase gas from alternative suppliers

**GCR**

Gas cost recovery

**Genesee**

Genesee Power Station Limited Partnership, a variable interest entity in which HYDRA-CO Enterprises, Inc., a wholly owned subsidiary of CMS Enterprises, has a 50 percent interest

**Grayling**

Grayling Generating Station Limited Partnership, a variable interest entity in which HYDRA-CO Enterprises, Inc., a wholly owned subsidiary of CMS Enterprises, has a 50 percent interest

**GWh**

Gigawatt-hour, a unit of energy equal to one billion watt-hours

**Health Care Acts**

Comprehensive health care reform enacted in 2010, comprising the Patient Protection and Affordable Care Act and the related Health Care and Education Reconciliation Act

**IRS**

Internal Revenue Service

**kilovolts**

Thousand volts, a unit used to measure the difference in electrical pressure along a current

**kVA**

Thousand volt-amperes, a unit used to reflect the electrical power capacity rating of equipment or a system

Table of Contents

**kWh**

Kilowatt-hour, a unit of energy equal to one thousand watt-hours

**LIBOR**

The London Interbank Offered Rate

**Ludington**

Ludington pumped-storage plant, jointly owned by Consumers and DTE Electric

**MATS**

Mercury and Air Toxics Standards, which limit mercury, acid gases, and other toxic pollution from coal-fueled and oil-fueled power plants

**MBT**

Michigan Business Tax

**mcf**

Thousand cubic feet

**MCIT**

Michigan Corporate Income Tax

**MCV Facility**

A 1,647 MW natural gas-fueled, combined-cycle cogeneration facility operated by the MCV Partnership

**MCV Partnership**

Midland Cogeneration Venture Limited Partnership

**MCV PPA**

PPA between Consumers and the MCV Partnership

**MD&A**

Management's Discussion and Analysis of Financial Condition and Results of Operations

**MDEQ**

Michigan Department of Environmental Quality

**METC**

Michigan Electric Transmission Company, LLC, a non-affiliated company

**MGP**

Manufactured gas plant

**Michigan Mercury Rule**

Michigan Air Pollution Control Rules, Part 15, Emission Limitations and Prohibitions - Mercury, addressing mercury emissions from coal-fueled electric generating units

**MISO**

Midcontinent Independent System Operator, Inc.



Table of Contents

**mothball**

To place a generating unit into a state of extended reserve shutdown in which the unit is inactive and unavailable for service for a specified period, during which the unit can be brought back into service after receiving appropriate notification and completing any necessary maintenance or other work; generation owners in MISO must request approval to mothball a unit, and MISO then evaluates the request for reliability impacts

**MPSC**

Michigan Public Service Commission

**MRV**

Market-related value of plan assets

**MW**

Megawatt, a unit of power equal to one million watts

**MWh**

Megawatt-hour, a unit of energy equal to one million watt-hours

**NAAQS**

National Ambient Air Quality Standards

**NAV**

Net asset value

**NERC**

The North American Electric Reliability Corporation, a non-affiliated company responsible for developing and enforcing reliability standards, monitoring the bulk power system, and educating and certifying industry personnel

**NPDES**

National Pollutant Discharge Elimination System, a permit system for regulating point sources of pollution under the Clean Water Act

**NREPA**

Part 201 of the Michigan Natural Resources and Environmental Protection Act, a statute that covers environmental activities including remediation

**NSR**

New Source Review, a construction-permitting program under the Clean Air Act

**OPEB**

Other Post-Employment Benefits

**OPEB Plan**

Postretirement health care and life insurance plans of CMS Energy and Consumers, including certain present and former affiliates and subsidiaries

**Palisades**

Palisades nuclear power plant, sold by Consumers to Entergy in 2007

**PBO**

Projected benefit obligation

Table of Contents

<b>PCB</b>	Polychlorinated biphenyl
<b>PISP</b>	Performance Incentive Stock Plan
<b>PPA</b>	Power purchase agreement
<b>PSCR</b>	Power supply cost recovery
<b>REC</b>	Renewable energy credit established under the 2008 Energy Law
<b>ReliabilityFirst Corporation</b>	ReliabilityFirst Corporation, a non-affiliated company responsible for the preservation and enhancement of bulk power system reliability and security
<b>Resource Conservation and Recovery Act</b>	Federal Resource Conservation and Recovery Act of 1976
<b>RMRR</b>	Routine maintenance, repair, and replacement
<b>ROA</b>	Retail Open Access, which allows electric generation customers to choose alternative electric suppliers pursuant to a Michigan statute enacted in 2000
<b>S&amp;P</b>	Standard & Poor's Financial Services LLC

**SEC**

U.S. Securities and Exchange Commission

**Securitization**

A financing method authorized by statute and approved by the MPSC which allows a utility to sell its right to receive a portion of the rate payments received from its customers for the repayment of securitization bonds issued by a special-purpose entity affiliated with such utility

**Sherman Act**

Sherman Antitrust Act of 1890

**Smart Energy**

Consumers Smart Energy grid modernization project, which includes the installation of smart meters that transmit and receive data, a two-way communications network, and modifications to Consumers existing information technology system to manage the data and enable changes to key business processes

**T.E.S. Filer City**

T.E.S. Filer City Station Limited Partnership, a variable interest entity in which HYDRA-CO Enterprises, Inc., a wholly owned subsidiary of CMS Enterprises, has a 50 percent interest

Table of Contents

**USW**

United Steel, Paper and Forestry, Rubber, Manufacturing, Energy, Allied Industrial and Service Workers International Union, AFL-CIO-CLC

**UWUA**

Utility Workers Union of America, AFL-CIO

**VEBA trust**

Voluntary employees beneficiary association trusts accounts established specifically to set aside employer-contributed assets to pay for future expenses of the OPEB Plan

Table of Contents

## FILING FORMAT

This combined Form 10-K is separately filed by CMS Energy and Consumers. Information in this combined Form 10-K relating to each individual registrant is filed by such registrant on its own behalf. Consumers makes no representation regarding information relating to any other companies affiliated with CMS Energy other than its own subsidiaries. None of CMS Energy, CMS Enterprises, nor any of CMS Energy's other subsidiaries (other than Consumers) has any obligation in respect of Consumers' debt securities and holders of such debt securities should not consider the financial resources or results of operations of CMS Energy, CMS Enterprises, nor any of CMS Energy's other subsidiaries (other than Consumers and its own subsidiaries (in relevant circumstances)) in making a decision with respect to Consumers' debt securities. Similarly, neither Consumers nor any other subsidiary of CMS Energy has any obligation in respect of debt securities of CMS Energy.

## FORWARD-LOOKING STATEMENTS AND INFORMATION

This Form 10-K and other CMS Energy and Consumers disclosures may contain forward-looking statements as defined by the Private Securities Litigation Reform Act of 1995. The use of might, may, could, should, anticipates, believes, estimates, expects, intends, plans, predicts, assumes, and other similar words is intended to identify forward-looking statements that involve risk and uncertainty. This discussion of potential risks and uncertainties is designed to highlight important factors that may impact CMS Energy's and Consumers' businesses and financial outlook. CMS Energy and Consumers have no obligation to update or revise forward-looking statements regardless of whether new information, future events, or any other factors affect the information contained in the statements. These forward-looking statements are subject to various factors that could cause CMS Energy's and Consumers' actual results to differ materially from the results anticipated in these statements. These factors include, but are not limited to, the following, all of which are potentially significant:

- the impact of new regulation by the MPSC, FERC, and other applicable governmental proceedings and regulations, including any associated impact on electric or gas rates or rate structures
- potentially adverse regulatory treatment or failure to receive timely regulatory orders affecting Consumers that are or could come before the MPSC, FERC, or other governmental authorities
- changes in the performance of or regulations applicable to MISO, METC, pipelines, railroads, vessels, or other service providers that CMS Energy, Consumers, or any of their affiliates rely on to serve their customers
- the adoption of federal or state laws or regulations or changes in applicable laws, rules, regulations, principles, or practices, or in their interpretation, such as those related to energy policy and ROA, gas pipeline safety, gas pipeline capacity, energy efficiency, the environment, regulation or deregulation, reliability, health care reforms (including the Health Care Acts), taxes, accounting matters, climate change, air emissions, renewable energy, potential effects of the Dodd-Frank Act, and other business issues that could have an impact on CMS Energy's, Consumers', or any of their affiliates' businesses or financial results

- potentially adverse regulatory or legal interpretations or decisions regarding environmental matters, or delayed regulatory treatment or permitting decisions that are or could come before the MDEQ, EPA, and/or U.S. Army Corps of Engineers, and potential environmental remediation costs associated with these interpretations or decisions, including those that may affect Bay Harbor or Consumers RMRR classification under NSR regulations

## Edgar Filing: CMS ENERGY CORP - Form 10-K

### Table of Contents

- changes in energy markets, including availability and price of electric capacity and the timing and extent of changes in commodity prices and availability and deliverability of coal, natural gas, natural gas liquids, electricity, oil, and certain related products
- the price of CMS Energy common stock, the credit ratings of CMS Energy and Consumers, capital and financial market conditions, and the effect of these market conditions on CMS Energy's and Consumers' interest costs and access to the capital markets, including availability of financing to CMS Energy, Consumers, or any of their affiliates
- the investment performance of the assets of CMS Energy's and Consumers' pension and benefit plans, the discount rates used in calculating the plans' obligations, and the resulting impact on future funding requirements
- the impact of the economy, particularly in Michigan, and potential future volatility in the financial and credit markets on CMS Energy's, Consumers', or any of their affiliates' revenues, ability to collect accounts receivable from customers, or cost and availability of capital
- changes in the economic and financial viability of CMS Energy's and Consumers' suppliers, customers, and other counterparties and the continued ability of these third parties, including those in bankruptcy, to meet their obligations to CMS Energy and Consumers
- population changes in the geographic areas where CMS Energy and Consumers conduct business
- national, regional, and local economic, competitive, and regulatory policies, conditions, and developments
- loss of customer demand for electric generation supply to alternative energy suppliers, increased use of distributed generation, or energy efficiency
- federal regulation of electric sales and transmission of electricity, including periodic re-examination by federal regulators of CMS Energy's and Consumers' market-based sales authorizations
- the impact of credit markets, economic conditions, and any new banking regulations on EnerBank



## Edgar Filing: CMS ENERGY CORP - Form 10-K

- the availability, cost, coverage, and terms of insurance, the stability of insurance providers, and the ability of Consumers to recover the costs of any insurance from customers
- the effectiveness of CMS Energy's and Consumers' risk management policies, procedures, and strategies, including strategies to hedge risk related to future prices of electricity, natural gas, and other energy-related commodities
- factors affecting development of electric generation projects and gas and electric transmission and distribution infrastructure replacement, conversion, and expansion projects, including factors related to project site identification, construction material pricing, schedule delays, availability of qualified construction personnel, permitting, and government approvals
- factors affecting operations, such as costs and availability of personnel, equipment, and materials, unusual weather conditions, natural disasters, catastrophic weather-related damage, scheduled or unscheduled equipment outages, maintenance or repairs, environmental incidents, equipment failures, and electric transmission and distribution or gas pipeline system constraints

## Edgar Filing: CMS ENERGY CORP - Form 10-K

### Table of Contents

- potential disruption to, interruption of, or other impacts on facilities, utility infrastructure, or operations due to accidents, explosions, physical disasters, cyber incidents, vandalism, war, or terrorism, and the ability to obtain or maintain insurance coverage for these events
- changes or disruption in fuel supply, including but not limited to supplier bankruptcy and delivery disruptions
- potential costs, lost revenues, or other consequences resulting from misappropriation of assets or sensitive information, corruption of data, or operational disruption in connection with a cyber attack or other cyber incident
- technological developments in energy production, storage, delivery, usage, and metering
- the ability to implement technology, including Smart Energy, successfully
- the impact of CMS Energy's and Consumers' integrated business software system and its effects on their operations, including utility customer billing and collections
- adverse consequences resulting from any past, present, or future assertion of indemnity or warranty claims associated with assets and businesses previously owned by CMS Energy or Consumers, including claims resulting from attempts by foreign or domestic governments to assess taxes on or to impose environmental liability associated with past operations or transactions
- the outcome, cost, and other effects of any legal or administrative claims, proceedings, investigations, or settlements
- the reputational impact on CMS Energy and Consumers of operational incidents, violations of corporate policies, regulatory violations, inappropriate use of social media, and other events
- restrictions imposed by various financing arrangements and regulatory requirements on the ability of Consumers and other subsidiaries of CMS Energy to transfer funds to CMS Energy in the form of cash dividends, loans, or advances
- earnings volatility resulting from the application of fair value accounting to certain energy commodity contracts or interest rate contracts

- changes in financial or regulatory accounting principles or policies
- other matters that may be disclosed from time to time in CMS Energy's and Consumers' SEC filings, or in other public documents

All forward-looking statements should be considered in the context of the risk and other factors described above and as detailed from time to time in CMS Energy's and Consumers' SEC filings. For additional details regarding these and other uncertainties, see Item 1A. Risk Factors; Item 8. Financial Statements and Supplementary Data MD&A Outlook; and Item 8. Financial Statements and Supplementary Data Notes to the Consolidated Financial Statements Note 3, Regulatory Matters and Note 4, Contingencies and Commitments.

Table of Contents

## Part I

### Item 1. Business

#### GENERAL

#### CMS Energy

CMS Energy was formed as a corporation in Michigan in 1987 and is an energy company operating primarily in Michigan. It is the parent holding company of several subsidiaries, including Consumers, an electric and gas utility, and CMS Enterprises, primarily a domestic independent power producer. Consumers serves individuals and businesses operating in the alternative energy, automotive, chemical, metal, and food products industries, as well as a diversified group of other industries. CMS Enterprises, through its subsidiaries and equity investments, is engaged primarily in independent power production and owns power generation facilities fueled mostly by natural gas and biomass.

CMS Energy manages its businesses by the nature of services each provides, and operates principally in three business segments: electric utility, gas utility, and enterprises, its non-utility operations and investments. Consumers' consolidated operations account for the substantial majority of CMS Energy's total assets, income, and operating revenue. CMS Energy's consolidated operating revenue was \$6.5 billion in 2015, \$7.2 billion in 2014, and \$6.6 billion in 2013.

For further information about operating revenue, income, and assets and liabilities attributable to all of CMS Energy's business segments and operations, see Item 8. Financial Statements and Supplementary Data CMS Energy's Selected Financial Information, Consolidated Financial Statements, and Notes to the Consolidated Financial Statements.

#### Consumers

Consumers has served Michigan customers since 1886. Consumers was incorporated in Maine in 1910 and became a Michigan corporation in 1968. Consumers owns and operates electric generation, transmission, and distribution facilities and gas transmission, storage, and distribution facilities. It provides electricity and/or natural gas to 6.7 million of Michigan's 10 million residents. Consumers' rates and certain other aspects of its business are subject to the jurisdiction of the MPSC and FERC, as well as to NERC reliability standards, as described in CMS Energy and Consumers Regulation in this Item 1.

## Edgar Filing: CMS ENERGY CORP - Form 10-K

Consumers' consolidated operating revenue was \$6.2 billion in 2015, \$6.8 billion in 2014, and \$6.3 billion in 2013. For further information about operating revenue, income, and assets and liabilities attributable to Consumers' electric and gas utility operations, see Item 8. Financial Statements and Supplementary Data. Consumers' Selected Financial Information, Consolidated Financial Statements, and Notes to the Consolidated Financial Statements.

Consumers owns its principal properties in fee, except that most electric lines and gas mains are located below or adjacent to public roads or on land owned by others and are accessed by Consumers through easements and other rights. Almost all of Consumers' properties are subject to the lien of its First Mortgage Bond Indenture. For additional information on Consumers' properties, see Item 1. Business. Business Segments. Consumers Electric Utility. Electric Utility Properties and Consumers Gas Utility. Gas Utility Properties.

Table of Contents

In 2015, Consumers served 1.8 million electric customers and 1.7 million gas customers in Michigan's Lower Peninsula. Presented in the following map are Consumers' service territories:

## **BUSINESS SEGMENTS**

### Consumers Electric Utility

**Electric Utility Operations:** Consumers' electric utility operations, which include the generation, purchase, transmission, distribution, and sale of electricity, generated operating revenue of \$4.2 billion in 2015, \$4.4 billion in 2014, and \$4.2 billion in 2013. Consumers' electric utility

customer base consists of a mix of primarily residential, commercial, and diversified industrial customers in Michigan's Lower Peninsula.

Table of Contents

Presented in the following illustration is Consumers' 2015 electric utility operating revenue of \$4.2 billion by customer class:

Consumers' electric utility operations are not dependent on a single customer, or even a few customers, and the loss of any one or even a few of Consumers' largest customers is not reasonably likely to have a material adverse effect on Consumers' financial condition.

In 2015, Consumers' electric deliveries were 37 billion kWh, which included ROA deliveries of four billion kWh, resulting in net bundled sales of 33 billion kWh. In 2014, Consumers' electric deliveries were 38 billion kWh, which included ROA deliveries of four billion kWh, resulting in net bundled sales of 34 billion kWh.

Consumers' electric utility operations are seasonal. The consumption of electric energy typically increases in the summer months, due primarily to the use of air conditioners and other cooling equipment.



Table of Contents

Presented in the following illustration are Consumers' monthly weather-adjusted electric deliveries (deliveries adjusted to reflect normal weather conditions) to its customers, including ROA deliveries, during 2015 and 2014:

Consumers' 2015 summer peak demand was 7,812 MW, which included ROA demand of 581 MW. For the 2014-2015 winter period, Consumers' peak demand was 6,067 MW, which included ROA demand of 492 MW. As required by MISO reserve margin requirements, Consumers owns or controls, through long-term PPAs and short-term capacity purchases, essentially all of the capacity required to supply its projected firm peak load and necessary reserve margin for summer 2016.

**Electric Utility Properties:** Consumers' distribution system consists of:

- 434 miles of high-voltage distribution radial lines operating at 120 kilovolts or above
- 4,251 miles of high-voltage distribution overhead lines operating at 46 kilovolts and 69 kilovolts

## Edgar Filing: CMS ENERGY CORP - Form 10-K

- 18 miles of high-voltage distribution underground lines operating at 46 kilovolts
- 56,023 miles of electric distribution overhead lines
- 10,383 miles of underground distribution lines
- substations with an aggregate transformer capacity of 24 million kVA

Consumers is interconnected to the interstate high-voltage electric transmission system owned by METC and operated by MISO. Consumers is also interconnected to neighboring utilities and to other transmission systems.

Edgar Filing: CMS ENERGY CORP - Form 10-K

Table of Contents

Presented in the following table are details about Consumers' electric generating system at December 31, 2015:

Name and Location (Michigan)	Number of Units and Year Entered Service	2015 Generation Capacity <sup>1</sup> (MW)	2015 Net Generation (GWh)
<i>Coal generation</i>			
J.H. Campbell 1 & 2 West Olive	2 Units, 1962-1967	603	3,182
J.H. Campbell 3 West Olive <sup>2</sup>	1 Unit, 1980	751	5,132
B.C. Cobb 4 & 5 Muskegon <sup>3</sup>	2 Units, 1956-1957	280	1,825
D.E. Karn 1 & 2 Essexville	2 Units, 1959-1961	515	1,990
J.C. Weadock 7 & 8 Essexville <sup>3</sup>	2 Units, 1955-1958	303	1,934
J.R. Whiting 1-3 Erie <sup>3</sup>	3 Units, 1952-1953	319	1,770
Total coal generation		2,771	15,833
<i>Oil/Gas steam generation</i>			
Jackson Jackson <sup>4</sup>	1 Unit, 2002	-	130
D.E. Karn 3 & 4 Essexville <sup>5</sup>	2 Units, 1975-1977	1,155	1
Zeeland (combined cycle) Zeeland	3 Units, 2002	527	3,258
Total oil/gas steam generation		1,682	3,389
<i>Hydroelectric</i>			
Ludington Ludington	6 Units, 1973	9926	(186) <sup>7</sup>
Conventional hydro generation various locations	35 Units, 1906-1949	77	427
Total hydroelectric		1,069	241
<i>Gas/Oil combustion turbine</i>			
Zeeland (simple cycle) Zeeland	2 Units, 2001	316	212
Various plants various locations <sup>8</sup>	8 Units, 1966-1971	13	-
Total gas/oil combustion turbine		329	212
<i>Wind generation</i>			
Cross Winds® Energy Park Tuscola County	62 Turbines, 2014	16	365
Lake Winds® Energy Park Mason County	56 Turbines, 2012	18	264
Total wind generation		34	629
Total owned generation		5,885	20,304
Purchased and interchange power <sup>9</sup>		2,877 <sup>10</sup>	15,210 <sup>11</sup>
Total supply		8,762	35,514
Generation and transmission use/loss			2,171
Total net bundled sales			33,343

<sup>1</sup> Represents each plant's electric generation capacity during the summer months.

<sup>2</sup> Represents Consumers' share of the capacity of the J.H. Campbell 3 unit, net of the 6.69-percent ownership interest of the Michigan Public Power Agency and Wolverine Power Supply Cooperative, Inc.

<sup>3</sup> Consumers plans to retire these seven smaller coal-fueled generating units by April 2016.

<sup>4</sup> Consumers completed the purchase of this plant in December 2015.

5            These units were mothballed in October 2014 and returned to service in June 2015.

6            Represents Consumers' 51-percent share of the capacity of Ludington. DTE Electric holds the remaining 49-percent ownership interest.

7            Represents Consumers' share of net pumped-storage generation. The pumped-storage facility consumes electricity to pump water during off-peak hours for storage in order to generate electricity later during peak-demand hours.

Table of Contents

- 8 Includes units that were mothballed beginning on various dates between October 2010 and October 2014.
- 9 Includes purchases from the MISO capacity and energy markets, and long-term PPAs.
- 10 Includes 1,240 MW of purchased contract capacity from the MCV Facility and 778 MW of purchased contract capacity from Palisades.
- 11 Includes 3,096 GWh of purchased energy from the MCV Facility and 6,910 GWh of purchased energy from Palisades.

Consumers' generation capacity is a measure of the maximum electric output that Consumers has available to meet peak load requirements. As shown in the following illustration, Consumers' 2015 generation capacity of 8,762 MW, including purchased capacity of 2,877 MW, relied on a variety of fuel sources:



Table of Contents

**Electric Utility Supply:** Presented in the following table are the sources of Consumers' electric supply over the last five years:

Years Ended December 31	2015	2014	2013	2012	GWh 2011
<i>Owned generation</i>					
Coal	15,833	15,684	15,951	14,027	15,468
Gas	3,601	2,012	1,415	3,003	1,912
Renewable energy	1,056	748	704	433	425
Oil	-	-	4	6	7
Net pumped storage <sup>1</sup>	(186)	(300)	(371)	(295)	(365)
Total owned generation	20,304	18,144	17,703	17,174	17,447
<i>Purchased and interchange power</i>					
Purchased renewable energy <sup>2</sup>	2,163	2,366	2,250	1,435	1,587
Purchased generation other <sup>2</sup>	11,720	10,073	10,871	13,104	11,087
Net interchange power <sup>3</sup>	1,327	4,793	3,656	4,151	6,825
Total purchased and interchange power	15,210	17,232	16,777	18,690	19,499
Total supply	35,514	35,376	34,480	35,864	36,946

<sup>1</sup> Represents Consumers' share of net pumped-storage generation. The pumped-storage facility consumes electricity to pump water during off-peak hours for storage in order to generate electricity later during peak-demand hours.

<sup>2</sup> Includes purchases from long-term PPAs.

<sup>3</sup> Includes purchases from the MISO energy market.

During 2015, 45 percent of the energy Consumers provided to customers was generated by its coal-fueled generating units, which burned nine million tons of coal and produced a combined total of 15,833 GWh of electricity.

In order to obtain the coal it needs, Consumers enters into physical coal supply contracts. At December 31, 2015, Consumers had contracts to purchase coal through 2018; payment obligations under these contracts totaled \$118 million. Most of Consumers' rail-supplied coal contracts have fixed prices, although some contain market-based pricing. Consumers' vessel-supplied coal contracts have fixed base prices that are adjusted monthly to reflect changes to the fuel cost of vessel transportation. At December 31, 2015, Consumers had 79 percent of its 2016 expected coal requirements under contract, as well as a 34-day supply of coal on hand.

In conjunction with its coal supply contracts, Consumers leases a fleet of rail cars and has transportation contracts with various companies to provide rail and vessel services for delivery of purchased coal to Consumers' generating facilities. Consumers' coal transportation contracts expire through 2019; payment obligations under these contracts totaled \$321 million at December 31, 2015.

During 2015, Consumers acquired 43 percent of the electricity it provided to customers through long-term PPAs and the MISO energy market. Consumers offers its generation into the MISO energy market on a day-ahead and real-time basis and bids for power in the market to serve the demand of its customers. Consumers is a net purchaser of power and supplements its generation capability with purchases from the MISO energy market to meet its customers' needs during peak demand periods.

At December 31, 2015, Consumers had unrecognized future commitments (amounts for which, in accordance with GAAP, liabilities have not been recorded on its balance sheet) to purchase capacity and energy under long-term PPAs with various generating plants. These contracts require monthly capacity payments based on the plants' availability or deliverability. The payments for 2016 through 2036 are



## Edgar Filing: CMS ENERGY CORP - Form 10-K

### Table of Contents

estimated to total \$10 billion and, for each of the next five years, \$1.0 billion annually. These amounts may vary depending on plant availability and fuel costs. For further information about Consumers' future capacity and energy purchase obligations, see Item 8. Financial Statements and Supplementary Data MD&A Capital Resources and Liquidity and Note 4, Contingencies and Commitments Contractual Commitments.

During 2015, ten percent of the energy Consumers provided to customers was generated by natural gas-fueled generating units, which burned 25 bcf of natural gas and produced a combined total of 3,601 GWh of electricity.

In order to obtain the gas it needs for electric generation fuel, Consumers' electric utility purchases gas from the market near the time of consumption, at prices that allow it to compete in the electric wholesale market. For units 3 and 4 of D.E. Karn and for the Jackson and Zeeland plants, Consumers utilizes an agent that owns firm transportation rights to each plant to purchase gas from the market and transport the gas to the facilities. For its smaller combustion turbines, Consumers' electric utility purchases and transports gas to its facilities as a bundled-rate tariff customer of either the gas utility or DTE Gas.

Presented in the following table is the cost per million Btu of all fuels consumed, which fluctuates with the mix of fuel used.

Years Ended December 31	<i>Cost Per Million Btu</i>				
	2015	2014	2013	2012	2011
Coal	\$ 2.49	\$ 2.72	\$ 2.90	\$ 2.98	\$ 2.94
Gas	3.06	7.19	4.68	3.16	4.95
Oil	12.28	20.16	19.47	19.08	18.55
Weighted-average fuel cost	\$ 2.59	\$ 3.17	\$ 3.07	\$ 3.05	\$ 3.18

**Electric Utility Competition:** Consumers' electric utility business is subject to actual and potential competition from many sources, in both the wholesale and retail markets, as well as in electric generation, electric delivery, and retail services.

The 2008 Energy Law allows electric customers in Consumers' service territory to buy electric generation service from alternative electric suppliers in an aggregate amount up to ten percent of Consumers' weather-adjusted retail sales for the preceding calendar year. At December 31, 2015, electric deliveries under the ROA program were at the ten-percent limit and alternative electric suppliers were providing 751 MW of generation service to ROA customers. Of Consumers' 1.8 million electric customers, 304 customers, or 0.02 percent, purchased generation service under the ROA program.

In early 2015, members of the Michigan Senate and House of Representatives introduced various bills related to energy policy. Among other things, the bills propose a range of changes to ROA, including eliminating ROA, maintaining the existing ROA program but imposing conditions on a customer's return to utility service, and raising the ROA limit. If the ROA limit were increased or if electric generation service in Michigan were deregulated, it could have a material adverse effect on Consumers' financial results and operations. Presently, the Michigan Senate and House of Representatives are considering two separate but similar pieces of legislation to address energy policy, including ROA. Consumers is unable to predict the form and timing of any final legislation.

Consumers also faces competition or potential competition associated with:

- industrial customers relocating all or a portion of their production capacity outside of Consumers service territory for economic reasons
- municipalities owning or operating competing electric delivery systems
- customer self-generation

Table of Contents

Consumers addresses this competition by monitoring activity in adjacent geographical areas, by providing non-energy services and value to customers through Consumers' rates and service, and by offering tariff-based incentives that support economic development.

## Consumers Gas Utility

**Gas Utility Operations:** Consumers' gas utility operations, which include the purchase, transmission, storage, distribution, and sale of natural gas, generated operating revenue of \$1.9 billion in 2015, \$2.4 billion in 2014, and \$2.1 billion in 2013. Consumers' gas utility customer base consists of a mix of primarily residential, commercial, and diversified industrial customers in Michigan's Lower Peninsula.

Presented in the following illustration is Consumers' 2015 gas utility operating revenue of \$1.9 billion by customer class:

Consumers' gas utility operations are not dependent on a single customer, or even a few customers, and the loss of any one or even a few of Consumers' largest customers is not reasonably likely to have a material adverse effect on Consumers' financial condition.

In 2015, deliveries of natural gas, including off-system transportation deliveries, through Consumers' pipeline and distribution network, totaled 356 bcf, which included GCC deliveries of 57 bcf. In 2014, deliveries of natural gas, including off-system transportation deliveries, through

## Edgar Filing: CMS ENERGY CORP - Form 10-K

Consumers pipeline and distribution network, totaled 373 bcf, which included GCC deliveries of 65 bcf. Consumers gas utility operations are seasonal. Consumers injects natural gas into storage during the summer months for use during the winter months when the demand for natural gas is higher. Peak demand occurs in the winter due to colder temperatures and the resulting use of natural gas as a heating fuel. During 2015, 42 percent of the natural gas supplied to all customers during the winter months was supplied from storage.

Table of Contents

Presented in the following illustration are Consumers' monthly weather-adjusted gas deliveries (deliveries adjusted to reflect normal weather conditions) to its customers, including GCC deliveries, during 2015 and 2014:

**Gas Utility Properties:** Consumers' gas transmission, storage, and distribution system consists of:

- 1,686 miles of transmission lines
- 15 gas storage fields with a total storage capacity of 309 bcf and a working gas volume of 151 bcf
- 27,537 miles of distribution mains
- seven compressor stations with a total of 157,939 installed and available horsepower

Table of Contents

**Gas Utility Supply:** In 2015, Consumers purchased 69 percent of the gas it delivered from U.S. producers and five percent from Canadian producers. The remaining 26 percent was purchased from authorized GCC suppliers and delivered by Consumers to customers in the GCC program. Presented in the following illustration are the supply arrangements for the gas Consumers delivered to GCC and GCR customers during 2015:

Firm gas transportation or firm city-gate contracts are those that define a fixed amount, price, and delivery time frame. Consumers' firm gas transportation contracts are with ANR Pipeline Company, Great Lakes Gas Transmission Limited Partnership, Panhandle Eastern Pipe Line Company, and Trunkline Gas Company, LLC, each a non-affiliated company. Under these contracts, Consumers purchases and transports gas to Michigan for ultimate delivery to its customers. Consumers' firm gas transportation contracts expire through 2023 and provide for the delivery of 47 percent of Consumers' total gas supply requirements in 2016. Consumers purchases the balance of its required gas supply under firm city-gate contracts and through authorized suppliers under the GCC program.

**Gas Utility Competition:** Competition exists in various aspects of Consumers' gas utility business. Competition comes from GCC and from alternative fuels and energy sources, such as propane, oil, and electricity.

## Enterprises Segment Non-Utility Operations and Investments

## Edgar Filing: CMS ENERGY CORP - Form 10-K

CMS Energy's enterprises segment, through various subsidiaries and certain equity investments, is engaged primarily in domestic independent power production and the marketing of independent power production. The enterprises segment's operating revenue was \$190 million in 2015, \$299 million in 2014, and \$181 million in 2013.

Table of Contents

**Independent Power Production:** At December 31, 2015, CMS Energy had ownership interests in independent power plants totaling 1,177 MW or 1,077 net MW. (Net MW reflects that portion of the capacity relating to CMS Energy's ownership interests.) Presented in the following table are CMS Energy's interests in independent power plants at December 31, 2015:

Location	Ownership Interest (%)	Primary Fuel Type	Gross Capacity <sup>1</sup> (MW)	2015 Net Generation (GWh)
Dearborn, Michigan	100	Natural gas	7522	3,399
Gaylord, Michigan	100	Natural gas	156	4
Comstock, Michigan	100	Natural gas	68	
Filer City, Michigan	50	Coal and biomass	73	505
New Bern, North Carolina	50	Biomass	50	369
Flint, Michigan	50	Biomass	40	71
Grayling, Michigan	50	Biomass	38	122
Total			1,177	4,470

<sup>1</sup> Represents the intended full-load sustained output of each plant.

<sup>2</sup> In December 2015, capital upgrades and modifications to the plant's turbines increased gross capacity from 710 MW to 752 MW.

The operating revenue from independent power production was \$17 million in 2015, \$18 million in 2014, and \$17 million in 2013. CMS Energy's independent power production business faces competition from generators, marketers and brokers, and utilities marketing power in the wholesale market.

**Energy Resource Management:** CMS ERM purchases and sells energy commodities in support of CMS Energy's generating facilities with a focus on optimizing CMS Energy's independent power production portfolio. In 2015, CMS ERM marketed eight bcf of natural gas and 4,579 GWh of electricity. Electricity marketed by CMS ERM was generated by independent power production of the enterprises segment and by unrelated third parties. CMS ERM's operating revenue was \$173 million in 2015, \$281 million in 2014, and \$164 million in 2013.

## Other Businesses

**EnerBank:** EnerBank is a Utah state-chartered, FDIC-insured industrial bank providing unsecured consumer installment loans for financing home improvements. EnerBank's operating revenue was \$101 million in 2015, \$80 million in 2014, and \$64 million in 2013.

## CMS ENERGY AND CONSUMERS REGULATION



CMS Energy, Consumers, and their subsidiaries are subject to regulation by various federal, state, and local governmental agencies, including those described in the following sections.

## FERC and NERC

FERC has exercised limited jurisdiction over several independent power plants and exempt wholesale generators in which CMS Enterprises has ownership interests, as well as over CMS ERM, CMS Gas Transmission, and DIG. FERC's jurisdiction includes, among other things, acquisitions, operations, disposals of certain assets and facilities, services provided and rates charged, and conduct among affiliates. FERC also has limited jurisdiction over holding company matters with respect to CMS Energy. FERC, in connection with NERC and with regional reliability organizations, also regulates generation and

## Table of Contents

transmission owners and operators, load serving entities, purchase and sale entities, and others with regard to reliability of the bulk power system.

FERC regulates limited aspects of Consumers' gas business, principally compliance with FERC capacity release rules, shipping rules, the prohibition against certain buy/sell transactions, and the price-reporting rule.

FERC also regulates certain aspects of Consumers' electric operations, including compliance with FERC accounting rules, wholesale and transmission rates, operation of licensed hydroelectric generating plants, transfers of certain facilities, corporate mergers, and issuances of securities.

## MPSC

Consumers is subject to the jurisdiction of the MPSC, which regulates public utilities in Michigan with respect to retail utility rates, accounting, utility services, certain facilities, certain asset transfers, corporate mergers, and other matters.

The Michigan Attorney General, ABATE, the MPSC Staff, and certain other parties typically participate in MPSC proceedings concerning Consumers. These parties often challenge various aspects of those proceedings, including the prudence of Consumers' policies and practices, and seek cost disallowances and other relief. The parties also have appealed significant MPSC orders.

**Rate Proceedings:** For information regarding open rate proceedings, see Item 8. Financial Statements and Supplementary Data MD&A Outlook and Notes to the Consolidated Financial Statements Note 3, Regulatory Matters.

## Other Regulation

The U.S. Secretary of Energy regulates imports and exports of natural gas and has delegated various aspects of this jurisdiction to FERC and the DOE's Office of Fossil Fuels.

The U.S. Department of Transportation Office of Pipeline Safety regulates the safety and security of gas pipelines through the Natural Gas Pipeline Safety Act of 1968 and subsequent laws.

EnerBank is regulated by the Utah Department of Financial Institutions and the FDIC.

## Energy Legislation

CMS Energy, Consumers, and their subsidiaries are subject to various legislative-driven matters, including Michigan's 2008 Energy Law. This law requires that at least ten percent of Consumers' electric sales volume come from renewable energy sources. It also allows electric customers in Consumers' service territory to buy electric generation service from alternative electric suppliers in an aggregate amount up to ten percent of Consumers' weather-adjusted retail sales of the preceding calendar year. For additional information regarding Consumers' renewable energy plan and electric ROA, see Item 8. Financial Statements and Supplementary Data MD&A Outlook.

## **CMS ENERGY AND CONSUMERS ENVIRONMENTAL COMPLIANCE**

CMS Energy, Consumers, and their subsidiaries are subject to various federal, state, and local regulations for environmental quality, including air and water quality, solid waste management, and other matters. Consumers expects to recover costs to comply with environmental regulations in customer rates, but cannot guarantee this result. For additional information concerning environmental matters, see Item 1A. Risk Factors and Item 8. Financial Statements and Supplementary Data Notes to the Consolidated

Table of Contents

Financial Statements Note 4, Contingencies and Commitments and Note 11, Asset Retirement Obligations.

CMS Energy has recorded a \$58 million liability for its subsidiaries' obligations associated with Bay Harbor and Consumers has recorded a \$114 million liability for its obligations at a number of MGP sites. For additional information, see Item 1A. Risk Factors and Item 8. Financial Statements and Supplementary Data Notes to the Consolidated Financial Statements Note 4, Contingencies and Commitments.

**Air:** Consumers continues to install state-of-the-art emissions control equipment at its electric generating plants. Consumers estimates that it will incur capital expenditures of \$84 million from 2016 through 2020 to comply with present and future federal and state environmental regulations that will require extensive reductions in nitrogen oxides, sulfur dioxides, particulate matter, and mercury emissions. Consumers' estimate may increase if additional or more stringent laws or regulations are adopted, including regulations regarding greenhouse gases.

**Solid Waste Disposal:** Costs related to the construction, operation, and closure of solid waste disposal facilities for coal ash are significant. Consumers' solid waste disposal areas are regulated under Michigan's solid waste rules. In April 2015, the EPA published a final rule regulating CCRs, such as coal ash, under the Resource Conservation and Recovery Act. The final rule adopts minimum standards for beneficially reusing and disposing of non-hazardous CCRs. The rule establishes new minimum requirements for site location, groundwater monitoring, flood protection, storm water design, fugitive dust control, and public disclosure of information. The rule also sets out conditions under which CCR units would be forced to cease receiving CCR and non-CCR waste and initiate closure based on the inability to achieve minimum safety standards, meet a location standard, or meet minimum groundwater standards. Consumers has converted all of its fly ash handling systems to dry systems to minimize applicable requirements. In addition, all of Consumers' ash facilities have programs designed to protect the environment and are subject to quarterly MDEQ inspections. Consumers' preliminary estimate of capital and cost of removal expenditures to comply with regulations relating to ash disposal is \$243 million from 2016 through 2020.

**Water:** Consumers uses substantial amounts of water to operate and cool its electric generating plants. Water discharge quality is regulated and administered by the MDEQ under the federal NPDES program. To comply with such regulation, Consumers' facilities have discharge monitoring programs. The EPA issued final regulations for wastewater discharges from electric generating plants in 2015. Consumers' preliminary estimate of capital expenditures to comply with these regulations is \$69 million from 2016 through 2020.

In 2014, the EPA finalized its cooling water intake rule, which requires Consumers to evaluate the biological impact of its cooling water intake systems and ensure that it is using the best technology available to minimize adverse environmental impacts. Consumers' preliminary estimate of capital expenditures to comply with these regulations is \$58 million from 2016 through 2020.

For further information concerning estimated capital expenditures related to air, solid waste disposal, and water see Item 8. Financial Statements and Supplementary Data MD&A Outlook Consumers Electric Utility Outlook and Uncertainties Electric Environmental Outlook.

## INSURANCE

## Edgar Filing: CMS ENERGY CORP - Form 10-K

CMS Energy and its subsidiaries, including Consumers, maintain insurance coverage generally similar to comparable companies in the same lines of business. The insurance policies are subject to terms, conditions, limitations, and exclusions that might not fully compensate CMS Energy or Consumers for all losses. A portion of each loss is generally assumed by CMS Energy or Consumers in the form of deductibles and self-insured retentions that, in some cases, are substantial. As CMS Energy or Consumers

Table of Contents

renews its policies, it is possible that some of the present insurance coverage may not be renewed or obtainable on commercially reasonable terms due to restrictive insurance markets.

CMS Energy's and Consumers' present insurance program does not cover the risks of certain environmental costs, such as the cleanup of sites owned by CMS Energy or Consumers, or claims for the long-term storage or disposal of pollutants or for air pollution.

**EMPLOYEES**

Presented in the following table are the number of employees of CMS Energy and Consumers:

December 31	2015	2014	2013
<b>CMS Energy, including Consumers</b>			
Full-time employees	7,711	7,671	7,415
Seasonal employees <sup>1</sup>	39	33	321
Part-time employees	54	43	45
Total employees	7,804	7,747	7,781
<b>Consumers</b>			
Full-time employees	7,339	7,336	7,089
Seasonal employees <sup>1</sup>	39	33	321
Part-time employees	16	19	25
Total employees	7,394	7,388	7,435

<sup>1</sup> Consumers' seasonal workforce peaked at 477 employees during 2015, 394 employees during 2014, and 321 employees during 2013. Seasonal employees work primarily during the construction season and are subject to yearly layoffs.

Table of Contents**CMS ENERGY AND CONSUMERS EXECUTIVE OFFICERS  
(AS OF FEBRUARY 1, 2016)**

Name	Age	Position	Period	Period
John G. Russell	58	President, CEO, and Director of CMS Energy	5/2010	Present
		President, CEO, and Director of Consumers	5/2010	Present
Thomas J. Webb	63	Chairman of the Board, President, CEO, and Director of CMS Enterprises	5/2010	Present
		Executive Vice President and CFO of CMS Energy	8/2002	Present
		Executive Vice President and CFO of Consumers	8/2002	Present
John M. Butler	51	Executive Vice President, CFO, and Director of CMS Enterprises	8/2002	Present
		Senior Vice President of CMS Enterprises	9/2006	Present
		Senior Vice President of CMS Energy	7/2006	Present
Daniel J. Malone	55	Senior Vice President of Consumers	7/2006	Present
		Senior Vice President of CMS Energy	3/2015	Present
David G. Mengebier	58	Senior Vice President of Consumers	5/2010	Present
		Senior Vice President of CMS Energy	11/2006	Present
		Senior Vice President of Consumers	11/2006	Present
		Senior Vice President of CMS Enterprises	3/2003	Present
		Chief Compliance Officer of CMS Energy	11/2006	1/2016
Patricia K. Poppe	47	Chief Compliance Officer of Consumers	11/2006	1/2016
		Senior Vice President of CMS Energy	3/2015	Present
		Senior Vice President of Consumers	3/2015	Present
Catherine M. Reynolds	58	Vice President of Consumers	1/2011	3/2015
		Senior Vice President, General Counsel, and Director of CMS Enterprises	1/2014	Present
		Senior Vice President and General Counsel of CMS Energy	10/2013	Present
		Senior Vice President and General Counsel of Consumers	10/2013	Present
		Vice President, Deputy General Counsel, and Corporate Secretary of CMS Energy	1/2012	10/2013
		Vice President, Deputy General Counsel, and Corporate Secretary of Consumers	1/2012	10/2013
		Vice President and Corporate Secretary of CMS Energy	9/2006	1/2012
Vice President and Corporate Secretary of Consumers	9/2006	1/2012		
Glenn P. Barba	50	Vice President and Secretary of CMS Enterprises	9/2006	1/2014
		Vice President, Controller, and CAO of CMS Enterprises	11/2007	Present
		Vice President, Controller, and CAO of CMS Energy	2/2003	Present
Garrick J. Rochow	41	Vice President, Controller, and CAO of Consumers	1/2003	Present
		Vice President of CMS Energy	3/2015	Present
		Vice President of Consumers	10/2010	Present

There are no family relationships among executive officers and directors of CMS Energy or Consumers. The term of office of each of the executive officers extends to the first meeting of the Board of Directors of CMS Energy and Consumers after the next annual election of Directors of CMS Energy and Consumers (to be held on May 6, 2016). Ms. Poppe will succeed Mr. Russell as Chief Executive Officer of CMS Energy and Consumers effective July 1, 2016, when Mr. Russell retires.

**AVAILABLE INFORMATION**

## Edgar Filing: CMS ENERGY CORP - Form 10-K

CMS Energy's internet address is [www.cmsenergy.com](http://www.cmsenergy.com). CMS Energy routinely posts important information on its website and considers the Investor Relations section, [www.cmsenergy.com/investor-relations](http://www.cmsenergy.com/investor-relations), a channel of distribution. Information contained on CMS Energy's website is not incorporated



Table of Contents

herein. CMS Energy's and Consumers' annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K, and any amendments to those reports filed pursuant to Section 13(a) or 15(d) of the Exchange Act are accessible free of charge on CMS Energy's website. These reports are available soon after they are electronically filed with the SEC. Also on CMS Energy's website are:

- Corporate Governance Principles
- Articles of Incorporation
- Bylaws
- Charters and Codes of Conduct (including the Audit, Compensation and Human Resources, Finance, and Governance and Public Responsibility Committee Charters, as well as the Employee, Boards of Directors, EnerBank, and Third Party Codes of Conduct)

CMS Energy will provide this information in print to any stockholder who requests it.

Any materials CMS Energy files with the SEC may also be read and copied at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. Information on the operation of the Public Reference Room may be obtained by calling the SEC at 1-800-SEC-0330. The SEC also maintains an internet site that contains reports, proxy and information statements, and other information regarding issuers that file electronically with the SEC. The address is [www.sec.gov](http://www.sec.gov).

## Item 1A. Risk Factors

Actual results in future periods for CMS Energy and Consumers could differ materially from historical results and the forward-looking statements contained in this report. Factors that might cause or contribute to these differences include, but are not limited to, those discussed in the following sections. CMS Energy's and Consumers' businesses are influenced by many factors that are difficult to predict, that involve uncertainties that may materially affect results, and that are often beyond their control. Additional risks and uncertainties not presently known or that management believes to be immaterial may also adversely affect CMS Energy or Consumers. The risk factors described in the following sections, as well as the other information included in this report and in other documents filed with the SEC, should be considered carefully before making an investment in securities of CMS Energy or Consumers. Risk factors of Consumers are also risk factors of CMS Energy. All of these risk factors are potentially significant.

### **CMS Energy depends on dividends from its subsidiaries to meet its debt service obligations.**

Due to its holding company structure, CMS Energy depends on dividends from its subsidiaries to meet its debt service and other payment obligations. If sufficient dividends were not paid to CMS Energy by its subsidiaries, CMS Energy might not be able to generate the funds necessary to fulfill its payment obligations, which could have a material adverse effect on CMS Energy's liquidity and financial condition.

Consumers' ability to pay dividends or acquire its own stock from CMS Energy is limited by restrictions contained in Consumers' preferred stock provisions and potentially by other legal restrictions, such as certain terms in its articles of incorporation and FERC requirements.

Table of Contents

**CMS Energy has indebtedness that could limit its financial flexibility and its ability to meet its debt service obligations.**

The level of CMS Energy's present and future indebtedness could have several important effects on its future operations, including, among others, that:

- a significant portion of CMS Energy's cash flow from operations could be dedicated to the payment of principal and interest on its indebtedness and would not be available for other purposes
- covenants contained in CMS Energy's existing debt arrangements, which require it to meet certain financial tests, could affect its flexibility in planning for, and reacting to, changes in its business
- CMS Energy's ability to obtain additional financing for working capital, capital expenditures, acquisitions, and general corporate and other purposes could become limited
- CMS Energy could be placed at a competitive disadvantage to its competitors that are less leveraged
- CMS Energy's vulnerability to adverse economic and industry conditions could increase
- CMS Energy's future credit ratings could fluctuate

CMS Energy's ability to meet its debt service obligations and to reduce its total indebtedness will depend on its future performance, which will be subject to general economic conditions, industry cycles, changes in laws or regulatory decisions, and financial, business, and other factors affecting its operations, many of which are beyond its control. CMS Energy cannot make assurances that its businesses will continue to generate sufficient cash flow from operations to service its indebtedness. If CMS Energy were unable to generate sufficient cash flows from operations, it could be required to sell assets or obtain additional financing.

**CMS Energy and Consumers have financing needs and could be unable to obtain bank financing or access the capital markets.**

CMS Energy and Consumers may be subject to liquidity demands under commercial commitments, guarantees, indemnities, letters of credit, and other contingent liabilities. Consumers' capital requirements are expected to be substantial over the next several years as it invests in the Smart Energy program, construction or acquisition of power generation, environmental controls, decommissioning of older facilities, conversions and expansions, and other electric and gas infrastructure to upgrade delivery systems. Those requirements may increase if additional laws or regulations are adopted or implemented.

CMS Energy and Consumers rely on the capital markets, particularly for publicly offered debt, as well as on bank syndications, to meet their financial commitments and short-term liquidity needs if sufficient internal funds are not available from Consumers' operations and, in the case of CMS Energy, from dividends paid by Consumers and its other subsidiaries. CMS Energy and Consumers also use letters of credit issued under certain of their revolving credit facilities to support certain operations and investments.

Disruptions in the capital and credit markets as a result of uncertainty, changing or increased regulation, reduced alternatives, or failures of significant financial institutions could adversely affect CMS Energy's and Consumers' access to liquidity needed for their businesses. Consumers' inability to obtain prior FERC authorization for any securities issuances, including publicly offered debt, as is required under the Federal Power Act, could adversely affect Consumers' access to liquidity. Any liquidity disruption could require CMS Energy and Consumers to take measures to conserve cash. These measures could include, but are not limited to, deferring capital expenditures, changing CMS Energy's and Consumers' commodity purchasing strategy to avoid collateral-posting requirements, and reducing or eliminating future share repurchases, dividend payments, or other discretionary uses of cash.

Table of Contents

CMS Energy continues to explore financing opportunities to supplement its financial strategy. These potential opportunities include refinancing and/or issuing new debt, preferred stock and/or common equity, commercial paper, and bank financing. Similarly, Consumers may seek funds through the capital markets, commercial lenders, and leasing arrangements. Entering into new financings is subject in part to capital market receptivity to utility industry securities in general and to CMS Energy's and Consumers' securities in particular. CMS Energy and Consumers cannot guarantee the capital markets' acceptance of their securities or predict the impact of factors beyond their control, such as actions of rating agencies.

Certain of CMS Energy's and Consumers' securities and those of their affiliates are rated by various credit rating agencies. Any reduction or withdrawal of one or more of its credit ratings could have a material adverse impact on CMS Energy's or Consumers' ability to access capital on acceptable terms and maintain commodity lines of credit, could increase its cost of borrowing, and could cause CMS Energy or Consumers to reduce capital expenditures. If it were unable to maintain commodity lines of credit, CMS Energy or Consumers might have to post collateral or make prepayments to certain suppliers under existing contracts. Further, since Consumers provides dividends to CMS Energy, any adverse developments affecting Consumers that result in a lowering of its credit ratings could have an adverse effect on CMS Energy's credit ratings. CMS Energy and Consumers cannot guarantee that any of their present ratings will remain in effect for any given period of time or that a rating will not be lowered or withdrawn entirely by a rating agency.

If CMS Energy or Consumers were unable to obtain bank financing or access the capital markets to incur or refinance indebtedness, or were unable to obtain commercially reasonable terms for any financing, this could have a material adverse effect on its liquidity, financial condition, and results of operations.

**There are risks associated with Consumers' substantial capital investment program planned for the next five years.**

Consumers' planned investments include the Smart Energy program, construction or acquisition of power generation, gas infrastructure, conversions and expansions, environmental controls, decommissioning of older facilities, and other electric and gas investments to upgrade delivery systems. The success of these capital investments depends on or could be affected by a variety of factors that include, but are not limited to:

- effective pre-acquisition evaluation of asset values, future operating costs, potential environmental and other liabilities, and other factors beyond Consumers' control
- effective cost and schedule management of new capital projects
- availability of qualified construction personnel
- changes in commodity and other prices
- governmental approvals and permitting
- operational performance
- changes in environmental, legislative, and regulatory requirements

- regulatory cost recovery

It is possible that adverse events associated with these factors could have a material adverse effect on Consumers' liquidity, financial condition, and results of operations.

**Changes to ROA could have a material adverse effect on CMS Energy's and Consumers' businesses.**

The 2008 Energy Law allows electric customers in Consumers' service territory to buy electric generation service from alternative electric suppliers in an aggregate amount up to ten percent of Consumers' weather-adjusted retail sales of the preceding calendar year. Lower natural gas prices due to a large supply of natural gas on the market, coupled with low capacity prices in the electric supply market, are

Table of Contents

placing increasing competitive pressure on the cost of Consumers' electric supply. Presently, Consumers' electric rates are above the Midwest average, while the ROA level on Consumers' system is at the ten-percent limit and the proportion of Consumers' electric deliveries under the ROA program and on the ROA waiting list is 25 percent. If the ROA limit were increased or if electric generation service in Michigan were deregulated, it could have a material adverse effect on Consumers' financial results and operations.

**CMS Energy and Consumers are subject to rate regulation, which could have an adverse effect on financial results.**

CMS Energy and Consumers are subject to rate regulation. Consumers' electric and gas retail rates are set by the MPSC and cannot be increased without regulatory authorization. Consumers is permitted by the 2008 Energy Law to self-implement rate changes six months after a rate filing with the MPSC, subject to certain limitations. If Consumers self-implements rates that result in higher revenues than would have resulted from rates that the MPSC authorizes in its final order, Consumers must refund the difference, with interest. Also, the MPSC may delay or deny implementation of a rate increase upon showing of good cause.

In addition, if rate regulators fail to provide timely rate relief, it could have a material adverse effect on Consumers or Consumers' plans for making significant capital investments could be materially adversely affected. Regulators seeking to avoid or minimize rate increases could resist raising customer rates sufficiently to permit Consumers to recover the full cost of these investments. In addition, because there are statutory requirements mandating that regulators must allow Consumers to recover from customers certain costs, such as resource additions to meet Michigan's renewable resource standard, energy optimization, and environmental compliance, regulators could be more inclined to oppose rate increases for other requested items and investments. Rate regulators could also face pressure to avoid or limit rate increases for a number of reasons, including an economic downturn in the state or diminishment of Consumers' customer base. In addition to its potential effects on Consumers' investment program, any limitation of cost recovery through rates could have a material adverse effect on Consumers' liquidity, financial condition, and results of operations.

Orders of the MPSC could limit recovery of costs of providing service including, but not limited to, environmental and safety related expenditures for coal-fueled plants and other utility properties, regulatory assets, power supply and natural gas supply costs, operating and maintenance expenses, additional utility-based investments, sunk investment in mothballed or retired generating plants, costs associated with the proposed retirement and decommissioning of facilities, depreciation expense, MISO energy and transmission costs, costs associated with energy efficiency investments and state or federally mandated renewable resource standards, Smart Energy program costs, or expenditures subject to tracking mechanisms. These orders could also result in adverse regulatory treatment of other matters. For example, MPSC orders could prevent or curtail Consumers from shutting off non-paying customers, could prevent or curtail Consumers from self-implementing rate changes, could prevent or curtail the implementation of a gas revenue mechanism, or could require Consumers to refund previously self-implemented rates.

FERC authorizes certain subsidiaries of CMS Energy to sell electricity at market-based rates. Failure of these subsidiaries to maintain this FERC authority could have a material adverse effect on CMS Energy's and Consumers' liquidity, financial condition, and results of operations. Transmission rates are also set by FERC. FERC orders related to transmission costs could have a material adverse effect on Consumers' liquidity, financial condition, and results of operations.

The various risks associated with the MPSC and FERC regulation of CMS Energy's and Consumers' businesses, which include the risk of adverse decisions in any number of rate or regulatory proceedings before either agency, as well as judicial proceedings challenging any agency decisions, could have a material adverse effect on CMS Energy's and Consumers' liquidity, financial condition, investment plans, and results of operations.





Table of Contents

**Utility regulation, state or federal legislation, and compliance could have a material adverse effect on CMS Energy's and Consumers businesses.**

CMS Energy and Consumers are subject to, or affected by, extensive utility regulation and state and federal legislation. CMS Energy and Consumers believe that they comply with applicable laws and regulations. If it were determined that they failed to comply, CMS Energy or Consumers could become subject to fines or penalties or be required to implement additional compliance, cleanup, and remediation programs, the cost of which could be material. Adoption of new laws, rules, regulations, principles, or practices by federal or state agencies, or changes to present laws, rules, regulations, principles, or practices and the interpretation of any adoption or change, could have a material adverse effect on CMS Energy's and Consumers' liquidity, financial condition, and results of operations. Furthermore, any state or federal legislation concerning CMS Energy's or Consumers' operations could have a similar effect.

Utility regulation could be impacted by various matters, such as electric industry restructuring, hydro relicensing, asset reclassification, gas pipeline capacity and gas storage, new generation facilities or investments, environmental controls, climate change, air emissions, renewable energy, energy policy and ROA, regulation or deregulation, energy capacity standards or markets, reliability, and safety. CMS Energy and Consumers cannot predict the impact of these matters on their liquidity, financial condition, and results of operations.

**CMS Energy and Consumers could incur substantial costs to comply with environmental requirements.**

CMS Energy and Consumers are subject to costly and stringent environmental regulations and expect that environmental laws and regulations will continue to become more stringent and require additional significant capital expenditures for emissions control equipment, CCR disposal and storage, cooling water intake equipment, effluent treatment, and PCB remediation. Present and reasonably anticipated state and federal environmental statutes and regulations, including but not limited to the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, and CERCLA, will continue to have a material effect on CMS Energy and Consumers.

In 2015, 95 percent of the energy generated by Consumers came from fossil-fuel-fired power plants, with 77 percent coming from coal-fueled power plants. CMS Enterprises also has interests in fossil-fuel-fired power plants and other types of power plants that produce greenhouse gases. In October 2015, the EPA published rules pursuant to Section 111(d) of the Clean Air Act to limit carbon dioxide emissions from existing electric generating units, calling the rules the Clean Power Plan. The rules require a 32 percent nationwide reduction in carbon emissions from existing power plants by 2030 (based on 2005 levels). Federal environmental laws and rules and international accords and treaties could require CMS Energy and Consumers to install additional equipment for emission controls, purchase carbon emissions allowances, curtail operations, invest in generating capacity with fewer carbon dioxide emissions, or take other significant steps to manage or lower the emission of greenhouse gases.

The following risks related to climate change, emissions, and environmental regulations could also have a material adverse impact on CMS Energy's and Consumers' liquidity, financial condition, and results of operations:

- litigation originated by third parties against CMS Energy, Consumers, or their subsidiaries due to CMS Energy's or Consumers' greenhouse gas or other emissions or CCR disposal and storage

## Edgar Filing: CMS ENERGY CORP - Form 10-K

- impairment of CMS Energy's or Consumers' reputation due to their greenhouse gas or other emissions and public perception of their response to potential environmental regulations, rules, and legislation
- extreme weather conditions, such as severe storms, that may affect customer demand, company operations, or assets

Table of Contents

Consumers plans to retire seven smaller coal-fueled electric generating units by April 2016. Once the facilities and equipment on these sites are taken out of service, Consumers may encounter previously unknown environmental conditions that will need to be addressed in a timely fashion with state and federal environmental regulators.

Consumers expects to collect fully from its customers, through the ratemaking process, expenditures incurred to comply with environmental regulations, but cannot guarantee this outcome. If Consumers were unable to recover these expenditures from customers in rates, it could negatively affect CMS Energy's and/or Consumers' liquidity, results of operations, and financial condition and CMS Energy and/or Consumers could be required to seek significant additional financing to fund these expenditures.

For additional information regarding compliance with environmental regulations, see Item 1. Business - CMS Energy and Consumers Environmental Compliance and Item 8. Financial Statements and Supplementary Data - MD&A Outlook - Consumers Electric Utility Outlook and Uncertainties.

**CMS Energy's and Consumers' businesses could be affected adversely by any delay in meeting environmental requirements.**

A delay or failure by CMS Energy or Consumers to obtain or maintain any necessary environmental permits or approvals to satisfy any applicable environmental regulatory requirements or install emission control equipment could:

- prevent the construction of new facilities
- prevent the continued operation and sale of energy from existing facilities
- prevent the suspension of operations at existing facilities
- prevent the modification of existing facilities
- result in significant additional costs that could have a material adverse effect on their liquidity, financial condition, and results of operations

**CMS Energy and Consumers expect to incur additional substantial costs related to remediation of legacy environmental sites.**

Consumers expects to incur additional substantial costs related to the remediation of its former MGP sites. Based upon prior MPSC orders, Consumers expects to be able to recover the costs of these cleanup activities through its gas rates, but cannot guarantee that outcome.

## Edgar Filing: CMS ENERGY CORP - Form 10-K

Consumers also expects to incur remediation and other response activity costs at a number of other sites under NREPA and CERCLA. Consumers believes these costs should be recoverable in rates, but cannot guarantee that outcome.

In addition, CMS Energy retained environmental remediation obligations for the collection, treatment, and discharge of leachate at Bay Harbor after selling its interests in the development in 2002. Leachate is produced when water enters into cement kiln dust piles left over from former cement plant operations at the site. CMS Energy has signed agreements with the EPA and the MDEQ relating to Bay Harbor. If CMS Energy were unable to meet its commitments under these agreements, or if unanticipated events occurred, CMS Energy could incur additional material costs relating to its Bay Harbor remediation obligations.

**CMS Energy and Consumers could be affected adversely by legacy litigation and retained liabilities.**

CMS Energy, CMS MST, CMS Field Services, Cantera Natural Gas, Inc., and Cantera Gas Company were named as defendants in various lawsuits arising as a result of alleged inaccurate natural gas price

Table of Contents

reporting. Allegations include price-fixing conspiracies, restraint of trade, and artificial inflation of natural gas retail prices in Kansas, Missouri, and Wisconsin. CMS Energy cannot predict the outcome of the lawsuits or the amount of damages for which CMS Energy may be liable. It is possible that the outcome in one or more of the lawsuits could have a material adverse effect on CMS Energy's liquidity, financial condition, and results of operations.

The agreements that CMS Energy and Consumers enter into for the sale of assets customarily include provisions whereby they are required to:

- retain specified preexisting liabilities, such as for taxes, pensions, or environmental conditions
- indemnify the buyers against specified risks, including the inaccuracy of representations and warranties that CMS Energy and Consumers make
- make payments to the buyers depending on the outcome of post-closing adjustments, litigation, audits, or other reviews, including claims resulting from attempts by foreign or domestic governments to assess taxes on past operations or transactions

Many of these contingent liabilities can remain open for extended periods of time after the sales are closed. Depending on the extent to which the buyers might ultimately seek to enforce their rights under these contractual provisions, and the resolution of any disputes concerning them, there could be a material adverse effect on CMS Energy's or Consumers' liquidity, financial condition, and results of operations.

In 2002, CMS Energy sold its oil, gas, and methanol investments in Equatorial Guinea. The government of Equatorial Guinea claims that CMS Energy owes \$152 million in taxes, plus significant penalties and interest, in connection with the sale. The matter is proceeding to formal arbitration. CMS Energy is contesting the claim, but cannot predict the financial impact or outcome of the matter. An unfavorable outcome could have a material adverse effect on CMS Energy's liquidity, financial condition, and results of operations.

**CMS Energy's and Consumers' energy sales and operations are affected by seasonal factors and varying weather conditions from year to year.**

CMS Energy's and Consumers' utility operations are seasonal. The consumption of electric energy typically increases in the summer months, due primarily to the use of air conditioners and other cooling equipment, while peak demand for natural gas occurs in the winter due to colder temperatures and the resulting use of natural gas as heating fuel. In addition, Consumers' electric rates, which follow a seasonal rate design, are higher in the summer months than in the remaining months of the year. Accordingly, CMS Energy's and Consumers' overall results may fluctuate substantially on a seasonal basis. Mild temperatures during the summer cooling season and winter heating season as well as the impact of extreme weather events on Consumers' system could have a material adverse effect on CMS Energy's and Consumers' liquidity, financial condition, and results of operations.

**Consumers is exposed to risks related to general economic conditions in its service territories.**

## Edgar Filing: CMS ENERGY CORP - Form 10-K

Consumers' electric and gas utility businesses are affected by the economic conditions impacting the customers they serve. If the Michigan economy becomes sluggish or declines, Consumers could experience reduced demand for electricity or natural gas that could result in decreased earnings and cash flow. In addition, economic conditions in Consumers' service territory affect its collections of accounts receivable and levels of lost or stolen gas, which in turn impact its liquidity, financial condition, and results of operations.

Table of Contents

**CMS Energy and Consumers are subject to information security risks, risks of unauthorized access to their systems, and technology failures.**

In the regular course of business, CMS Energy and Consumers handle a range of sensitive security and customer information. CMS Energy and Consumers are subject to laws and rules issued by various agencies concerning safeguarding and maintaining the confidentiality of this information. A security breach of CMS Energy's and Consumers' information or control systems could involve theft or the inappropriate release of certain types of information, such as confidential customer information or, separately, system operating information. These events could disrupt operations, subject CMS Energy and Consumers to possible financial liability, damage their reputation and diminish the confidence of customers, and have a material adverse effect on CMS Energy's and Consumers' liquidity, financial conditions, and results of operations.

CMS Energy and Consumers operate in a highly regulated industry that requires the continued operation of sophisticated information and control technology systems and network infrastructure. Despite implementation of security measures, technology systems are vulnerable to being disabled, failures, cyber crime, and unauthorized access. These events could impact the reliability of electric generation and electric and gas delivery and also subject CMS Energy and Consumers to financial harm. Cyber crime, which includes the use of malware, computer viruses, and other means for disruption or unauthorized access against companies, including CMS Energy and Consumers, has increased in frequency, scope, and potential impact in recent years. While CMS Energy and Consumers have not been subject to cyber crime incidents that have had a material impact on their operations to date, their security measures in place may be insufficient to prevent a major cyber incident in the future. If technology systems were to fail or be breached, CMS Energy and Consumers might not be able to fulfill critical business functions, and sensitive confidential and proprietary data could be compromised, which could have a material adverse effect on CMS Energy's and Consumers' liquidity, financial condition, and results of operations. In addition, because CMS Energy's and Consumers' generation, transmission, and distribution systems are part of an interconnected system, a disruption caused by a cyber incident at another utility, electric generator, system operator, or commodity supplier could also adversely affect CMS Energy's or Consumers' businesses, financial condition, and results of operations.

A variety of technological tools and systems, including both company-owned information technology and technological services provided by outside parties, support critical functions. The failure of these technologies, or the inability of CMS Energy and Consumers to have these technologies supported, updated, expanded, or integrated into other technologies, could hinder their business operations and materially adversely affect their liquidity, financial condition, and results of operations.

**CMS Energy's and Consumers' businesses have liability risks.**

Consumers' electric and gas delivery systems, power plants, gas infrastructure including storage facilities, wind energy or solar equipment, energy products, and the independent power plants owned in whole or in part by CMS Energy could be involved in incidents, failures, or accidents that result in injury, loss of life, or property loss to customers, employees, or the public. Although CMS Energy and Consumers have insurance coverage for many potential incidents (subject to deductibles and self-insurance amounts that could be material), depending upon the nature or severity of any incident, failure, or accident, CMS Energy or Consumers could suffer financial loss, reputational damage, and negative repercussions from regulatory agencies or other public authorities.

**CMS Energy's and Consumers' revenues and results of operations are subject to risks that are beyond their control, including but not limited to natural disasters, terrorist attacks and related acts of war, cyber incidents, vandalism, and other catastrophic events.**

Edgar Filing: CMS ENERGY CORP - Form 10-K

The impact of natural disasters, severe weather, wars, terrorist acts, vandalism, cyber incidents, pandemics, and other catastrophic events on the facilities and operations of CMS Energy and Consumers



Table of Contents

could have a material adverse effect on CMS Energy's and Consumers' liquidity, financial condition, and results of operations. These events could result in severe damage to CMS Energy's and Consumers' assets beyond what could be recovered through insurance policies, could require CMS Energy and Consumers to incur significant upfront costs, and could severely disrupt operations, resulting in loss of service to customers. There is also a risk that regulators could, after the fact, conclude that Consumers' preparedness or response to such an event was inadequate and take adverse actions as a result.

**CMS Energy and Consumers are exposed to significant reputational risks.**

CMS Energy and Consumers could suffer negative impacts to their reputations as a result of operational incidents, violations of corporate policies, regulatory violations, inappropriate use of social media, or other events. Reputational damage could have a material adverse effect on CMS Energy's and Consumers' liquidity, financial condition, and results of operations. It could also result in negative customer perception and increased regulatory oversight.

**Consumers is exposed to changes in customer usage that could impact financial results.**

*Distributed electricity generation:* Technology advances and government incentives and subsidies could increase the cost effectiveness of customer-owned methods of producing electricity, such as fuel cells, microturbines, wind turbines, and solar photovoltaics, resulting in reduced load, cross subsidization, and increased costs. This could have a material adverse effect on CMS Energy's and Consumers' liquidity, financial condition, and results of operations.

*Energy efficiency:* Customers could reduce their consumption through demand-side energy conservation and energy efficiency programs. These reductions could have a material adverse effect on CMS Energy's and Consumers' liquidity, financial condition, and results of operations.

**Energy risk management strategies might not be effective in managing fuel and electricity pricing risks, which could result in unanticipated liabilities to CMS Energy and Consumers or increased volatility in their earnings.**

Consumers is exposed to changes in market prices for natural gas, coal, electric capacity, electric energy, emission allowances, gasoline, diesel fuel, and RECs. Prices for these commodities may fluctuate substantially over relatively short periods of time and expose Consumers to price risk. A substantial portion of Consumers' operating expenses for its electric generating plants and vehicle fleet consists of the costs of obtaining these commodities. The contracts associated with Consumers' fuel and purchased power costs are executed in conjunction with the PSCR mechanism, which is designed to allow Consumers to recover prudently incurred costs associated with those positions. If the MPSC determined that any of these contracts or related contracting policies were imprudent, recovery of these costs could be disallowed. Consumers manages commodity price risk using established policies and procedures, and it may use various contracts to manage this risk, including swaps, options, futures, and forward contracts. No assurance can be made that these strategies will be successful in managing Consumers' pricing risk or that they will not result in net liabilities to Consumers as a result of future volatility in these markets.

## Edgar Filing: CMS ENERGY CORP - Form 10-K

Natural gas prices in particular have been historically volatile. Consumers routinely enters into contracts to mitigate exposure to the risks of demand, market effects of weather, and changes in commodity prices associated with its gas distribution business. These contracts are executed in conjunction with the GCR mechanism, which is designed to allow Consumers to recover prudently incurred costs associated with those positions. If the MPSC determined that any of these contracts or related contracting policies were imprudent, recovery of these costs could be disallowed. Consumers does not always hedge the entire exposure of its operations from commodity price volatility. Furthermore, the ability to hedge exposure to commodity price volatility depends on liquid commodity markets. As a result, to the extent the commodity markets are illiquid, Consumers might not be able to execute its risk management strategies, which could result in larger unhedged positions than preferred at a given time. To the extent that

Table of Contents

unhedged positions exist, fluctuating commodity prices could have a negative effect on CMS Energy's and Consumers' liquidity, financial condition, and results of operations. Changes in laws that limit Consumers' ability to hedge could also have a negative effect on CMS Energy's and Consumers' liquidity, financial condition, and results of operations.

**CMS Energy and Consumers are exposed to counterparty risk.**

Adverse economic conditions or financial difficulties experienced by counterparties with whom CMS Energy and Consumers do business could impair the ability of these counterparties to pay for CMS Energy's and Consumers' services and/or fulfill their contractual obligations, including performance and payment of damages. CMS Energy and Consumers depend on these counterparties to remit payments and perform contracted services in a timely fashion. Any delay or default in payment or performance of contractual obligations could have a material adverse effect on CMS Energy's and Consumers' liquidity, financial condition, and results of operations.

Volatility and disruptions in capital and credit markets could have a negative impact on CMS Energy's and Consumers' lenders, vendors, contractors, suppliers, customers, and other counterparties, causing them to fail to meet their obligations. Adverse economic conditions could also have a negative impact on the loan portfolio of CMS Energy's banking subsidiary, EnerBank.

**Consumers might not be able to obtain an adequate supply of natural gas or coal, which could limit its ability to operate its electric generation facilities or serve its natural gas customers.**

Consumers has natural gas and coal supply and transportation contracts in place for the natural gas and coal it requires for its electric generating capacity. Consumers also has interstate transportation and supply agreements in place to facilitate delivery of natural gas to its customers. Apart from the contractual and monetary remedies available to Consumers in the event of a counterparty's failure to perform under any of these contracts, there can be no assurances that the counterparties to these contracts will fulfill their obligations to provide natural gas or coal to Consumers. The counterparties under the agreements could experience financial or operational problems that inhibit their ability to fulfill their obligations to Consumers. In addition, counterparties under these contracts might not be required to supply natural gas or coal to Consumers under certain circumstances, such as in the event of a natural disaster or severe weather.

If, for its electric generating capacity, Consumers were unable to obtain its natural gas or coal requirements under existing or future natural gas and coal supply and transportation contracts, it could be required to purchase natural gas or coal at higher prices or forced to purchase electricity from higher-cost generating resources in the MISO energy market. If, for natural gas delivery to its customers, Consumers were unable to obtain its natural gas supply requirements under existing or future natural gas supply and transportation contracts, it could be required to purchase natural gas at higher prices from other sources or implement its natural gas curtailment program filed with the MPSC. These alternatives could increase Consumers' working capital requirements and could decrease its revenues.

**Market performance and other changes could decrease the value of employee benefit plan assets, which then could require substantial funding.**

## Edgar Filing: CMS ENERGY CORP - Form 10-K

The performance of the capital markets affects the values of assets that are held in trust to satisfy future obligations under CMS Energy's and Consumers' pension and postretirement benefit plans. CMS Energy and Consumers have significant obligations under these plans and hold significant assets in these trusts. These assets are subject to market fluctuations and will yield uncertain returns, which could fall below CMS Energy's and Consumers' forecasted return rates. A decline in the market value of the assets or a change in the level of interest rates used to measure the required minimum funding levels could significantly increase the funding requirements of these obligations. Also, changes in demographics, including an increased number of retirements or changes in life expectancy assumptions, could

Table of Contents

significantly increase the funding requirements of the obligations related to the pension and postretirement benefit plans. If CMS Energy and Consumers were unable to manage their pension and postretirement plan assets successfully, it could have a material adverse effect on their liquidity, financial condition, and results of operations.

**A work interruption or other union actions could adversely affect Consumers.**

Over 40 percent of Consumers' employees are represented by unions. In 2015, both of Consumers' unions, representing all union employees, ratified three separate five-year agreements, expiring in 2020. If these employees were to engage in a strike, work stoppage, or other slowdown, Consumers could experience a significant disruption in its operations and higher ongoing labor costs.

**Failure to attract and retain an appropriately qualified workforce could adversely impact CMS Energy's and Consumers' results of operations.**

The workforce of CMS Energy and Consumers is aging and a number of employees will become eligible to retire within the next few years. If CMS Energy and Consumers were unable to match skill sets to future needs, they could encounter operating challenges and increased costs. These challenges could include a lack of resources, loss of knowledge, and delays in skill development. Additionally, higher costs could result from the use of contractors to replace employees, loss of productivity, and safety incidents. Failing to train replacement employees adequately and to transfer internal knowledge and expertise could adversely affect CMS Energy's and Consumers' ability to manage and operate their businesses. If CMS Energy and Consumers were unable to attract and retain an appropriately qualified workforce, their financial condition and results of operations could be affected negatively.

**Unplanned power plant outages could be costly for Consumers.**

Unforeseen maintenance of Consumers' power plants may be required for many reasons, including catastrophic events such as fires, explosions, extreme weather, floods or other acts of God, equipment failure, operator error, or the need to comply with environmental or safety regulations. When unplanned maintenance work is required on power plants or other equipment, Consumers will not only incur unexpected maintenance expenses, but it may also have to make spot market purchases of replacement electricity that exceed Consumers' costs of generation or be forced to retire a given unit if the cost or timing of the maintenance is not reasonable and prudent. Additionally, unplanned maintenance work could reduce the capacity credit Consumers receives from MISO and could cause Consumers to incur additional capacity costs in future years. If Consumers were unable to recover any of these increased costs in rates, it could have a material adverse effect on Consumers' liquidity, financial condition, and results of operations.

**Changes in taxation as well as the inherent difficulty in quantifying potential tax effects of business decisions could negatively impact CMS Energy and Consumers.**

CMS Energy and Consumers are required to make judgments regarding the potential tax effects of various financial transactions and results of operations in order to estimate their obligations to taxing authorities. The tax obligations include income, real estate, sales and use taxes,

## Edgar Filing: CMS ENERGY CORP - Form 10-K

employment-related taxes, and ongoing issues related to these tax matters. The judgments include determining reserves for potential adverse outcomes regarding tax positions that have been taken and may be subject to challenge by the IRS and/or other taxing authorities. Unfavorable settlements of any of the issues related to these reserves or other tax matters at CMS Energy or Consumers could have a material adverse effect on their liquidity, financial condition, and results of operations.

CMS Energy and Consumers are subject to changing tax laws. Increases in federal, state, or local tax rates or other changes in tax laws could have adverse impacts on their liquidity, financial condition, and results of operations.

Table of Contents

**CMS Energy and its subsidiaries, including Consumers and EnerBank, must comply with the Dodd-Frank Act and its related regulations, which are subject to change and could involve material costs or affect operations.**

Regulations that are intended to implement the Dodd-Frank Act have been and are still being adopted by the appropriate agencies. The Dodd-Frank Act added a new Section 13 to the Bank Holding Company Act. Known as the Volcker Rule, it generally restricts certain banking entities (such as EnerBank) and their subsidiaries or affiliates from engaging in proprietary trading activities and from owning equity in or sponsoring any private equity or hedge fund. The statutory effective date of the Volcker Rule was July 2012, but it is subject to certain transition periods and exceptions for permitted activities. In 2013, the Federal Reserve Board issued final regulations clarifying that banks and other financial institutions had until 2015 to conform fully their activities and investments to the requirements. In December 2014, the Federal Reserve Board issued an order extending to July 2016 the date by which banking entities must comply with the Volcker Rule's prohibition on owning interests in covered funds and further indicated its intention to grant another extension, in December 2015, of the covered funds deadline to July 2017. Under the statute, the activities of CMS Energy and its subsidiaries (including EnerBank) are not expected to be materially affected; however, they will be restricted from engaging in proprietary trading, investing in third-party hedge or private equity funds, and sponsoring these funds in the future unless CMS Energy qualifies for an exemption from the rule. CMS Energy and its subsidiaries are also subject to certain ongoing compliance requirements pursuant to the regulations. CMS Energy cannot predict the full impact of the Volcker Rule on CMS Energy's or EnerBank's operations or financial condition.

Effective July 2011, all companies that directly or indirectly control an FDIC-insured bank are required to serve as a source of financial strength for that institution. As a result, CMS Energy could be called upon by the FDIC to infuse additional capital into EnerBank to the extent that EnerBank fails to satisfy its capital requirements. In addition, CMS Energy is contractually required (i) to make cash capital contributions to EnerBank in the event that EnerBank does not maintain required minimum capital ratios and (ii) to provide EnerBank financial support, in an amount and duration as may be necessary for EnerBank to meet the cash needs of its depositors and other operations. EnerBank has exceeded these requirements historically and exceeds them as of February 2016.

In addition, the Dodd-Frank Act provides for regulation by the Commodity Futures Trading Commission of certain commodity-related contracts. Although CMS Energy, Consumers, and CMS ERM qualify for an end-user exception from mandatory clearing of commodity-related swaps, these regulations could affect the ability of these entities to participate in these markets and could add additional regulatory oversight over their contracting activities.

## **Item 1B. Unresolved Staff Comments**

None.

## **Item 2. Properties**

Descriptions of CMS Energy's and Consumers' properties are found in the following sections of Item 1. Business, all of which are incorporated by reference in this Item 2:

- General CMS Energy
- General Consumers
- Business Segments Consumers Electric Utility Electric Utility Properties
- Business Segments Consumers Gas Utility Gas Utility Properties
- Business Segments Enterprises Segment Non-Utility Operations and Investments Independent Power Production



Table of Contents**Item 3. Legal Proceedings**

For information regarding CMS Energy's and Consumers' significant pending administrative and judicial proceedings involving regulatory, operating, transactional, environmental, and other matters, see Item 8. Financial Statements and Supplementary Data Notes to the Consolidated Financial Statements Note 3, Regulatory Matters and Note 4, Contingencies and Commitments.

CMS Energy, Consumers, and certain of their affiliates are also parties to routine lawsuits and administrative proceedings incidental to their businesses involving, for example, claims for personal injury and property damage, contractual matters, various taxes, and rates and licensing.

**Item 4. Mine Safety Disclosures**

Not applicable.

**Part II****Item 5. Market For Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities****CMS ENERGY**

CMS Energy's common stock is traded on the New York Stock Exchange. Market prices for CMS Energy's common stock and related security holder matters are contained in Item 8. Financial Statements and Supplementary Data MD&A and Notes to the Consolidated Financial Statements Note 20, Quarterly Financial and Common Stock Information (Unaudited), which are incorporated by reference herein. At January 13, 2016, the number of registered holders of CMS Energy's common stock totaled 33,451, based on the number of record holders. Presented in the following table are CMS Energy's dividends on its common stock:

Period	February	May	August	<i>Per Share</i> November
2015	\$ 0.29	\$ 0.29	\$ 0.29	\$ 0.29
2014	0.27	0.27	0.27	0.27

## Edgar Filing: CMS ENERGY CORP - Form 10-K

For additional information regarding securities authorized for issuance under equity compensation plans, see Item 8. Financial Statements and Supplementary Data Notes to the Consolidated Financial Statements Note 13, Stock-Based Compensation and Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters. For additional information regarding dividends and dividend restrictions, see Item 8. Financial Statements and Supplementary Data Notes to the Consolidated Financial Statements Note 5, Financings and Capitalization.

Table of Contents**CONSUMERS**

Consumers' common stock is privately held by its parent, CMS Energy, and does not trade in the public market. Presented in the following table are Consumers' cash dividends on its common stock:

Period	February	May	August	<i>In Millions</i> November
2015	\$ 122	\$ 132	\$ 105	\$ 115
2014	135	120	120	82

For additional information regarding dividends and dividend restrictions, see Item 8. Financial Statements and Supplementary Data Notes to the Consolidated Financial Statements Note 5, Financings and Capitalization.

**ISSUER REPURCHASES OF EQUITY SECURITIES**

Presented in the following table are CMS Energy's repurchases of equity securities for the three months ended December 31, 2015:

Period	Total Number of Shares Purchased <sup>1</sup>	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Maximum Number of Shares That May Yet Be Purchased Under Publicly Announced Plans or Programs
October 1, 2015 to October 31, 2015	2,042	\$ 36.45	-	-
November 1, 2015 to November 30, 2015	-	-	-	-
December 1, 2015 to December 31, 2015	634	34.24	-	-
Total	2,676	\$ 35.93	-	-

<sup>1</sup> All of the common shares were repurchased to satisfy the minimum statutory income tax withholding obligation for common shares that have vested under the PISP. The value of shares repurchased is based on the market price on the vesting date.

**UNREGISTERED SALES OF EQUITY SECURITIES**

None.

## **Item 6. Selected Financial Data**

Selected financial information for CMS Energy and Consumers is contained in Item 8. Financial Statements and Supplementary Data Selected Financial Information, which is incorporated by reference herein.

## **Item 7. Management s Discussion and Analysis of Financial Condition and Results of Operations**

Management s discussion and analysis of financial condition and results of operations for CMS Energy and Consumers is contained in Item 8. Financial Statements and Supplementary Data MD&A, which is incorporated by reference herein.

Table of Contents

**Item 7A. Quantitative and Qualitative Disclosures About Market Risk**

Quantitative and qualitative disclosures about market risk for CMS Energy and Consumers are contained in Item 8. Financial Statements and Supplementary Data MD&A Critical Accounting Policies and Estimates Financial and Derivative Instruments and Market Risk Information, which is incorporated by reference herein.

Table of Contents

**Item 8. Financial Statements and Supplementary Data**

	<u>Page</u>
<u>Index to Financial Statements</u>	
Selected Financial Information	
<u>CMS Energy</u>	46
<u>Consumers</u>	47
<u>Management's Discussion and Analysis of Financial Condition and Results of Operations</u>	48
Consolidated Financial Statements	
<u>CMS Energy</u>	78
<u>Consumers</u>	86
<u>Notes to the Consolidated Financial Statements</u>	93
<u>Reports of Independent Registered Public Accounting Firm</u>	
<u>CMS Energy</u>	153
<u>Consumers</u>	154

Table of Contents

# CMS Energy Corporation

## Selected Financial Information

		2015	2014	2013	2012	2011	
Operating revenue (in millions)	(\$)	6,456	7,179	6,566	6,253	6,503	
Income from equity method investees (in millions)	(\$)	14	15	13	17	9	
Income from continuing operations (in millions) <sup>1</sup>	(\$)	525	479	454	377	415	
Income from discontinued operations (in millions)	(\$)				7	2	
Net income available to common stockholders (in millions)	(\$)	523	477	452	382	415	
Average common shares outstanding (in thousands)		275,600	270,580	264,511	260,678	250,824	
<b>Earnings from continuing operations per average common share</b>							
CMS Energy	Basic	(\$)	1.90	1.76	1.71	1.43	1.65
	Diluted	(\$)	1.89	1.74	1.66	1.39	1.57
<b>Earnings per average common share</b>							
CMS Energy	Basic	(\$)	1.90	1.76	1.71	1.46	1.66
	Diluted	(\$)	1.89	1.74	1.66	1.42	1.58
Cash provided by operations (in millions)	(\$)	1,640	1,447	1,421	1,241	1,169	
Capital expenditures, excluding assets placed under capital lease (in millions)	(\$)	1,564	1,577	1,325	1,227	882	
Total assets (in millions) <sup>2</sup>	(\$)	20,340	19,185	17,290	17,131	16,428	
Long-term debt, excluding current portion (in millions)	(\$)	8,441	8,016	7,101	6,710	6,040	
Non-current portion of capital leases and financing obligation (in millions)	(\$)	118	123	138	153	167	
Cash dividends declared per common share	(\$)	1.16	1.08	1.02	0.96	0.84	
Market price of common stock at year-end	(\$)	36.08	34.75	26.77	24.38	22.08	
Book value per common share at year-end	(\$)	14.21	13.33	12.98	12.09	11.92	
Total employees at year-end		7,804	7,747	7,781	7,541	7,754	
<b>Electric Utility Statistics</b>							
Sales (billions of kWh)		37	38	37	38	38	
Customers (in thousands)		1,803	1,793	1,793	1,786	1,791	
Average sales rate per kWh	(¢)	11.39	12.04	11.52	10.94	10.80	
<b>Gas Utility Statistics</b>							
Sales and transportation deliveries (bcf)		356	373	352	329	337	

Edgar Filing: CMS ENERGY CORP - Form 10-K

Customers (in thousands) <sup>3</sup>		1,741	1,733	1,724	1,715	1,713
Average sales rate per mcf	(\$)	7.89	8.83	8.51	9.55	9.98

<sup>1</sup> Income from continuing operations includes income attributable to noncontrolling interests of \$2 million in each of 2015, 2014, 2013, 2012, and 2011.

<sup>2</sup> At December 31, 2015, CMS Energy changed the reporting of current deferred income taxes on the consolidated balance sheets in accordance with ASU 2015-17, *Balance Sheet Classification of Deferred Taxes*, and retrospectively adjusted prior period amounts for comparability. Specifically, current deferred income tax assets of \$126 million in 2013 and \$24 million in 2011 were reclassified to and netted against non-current deferred income tax liabilities, which reduced total assets in those years. For further details on the adoption of this standard, see Note 2, *New Accounting Standards*.

<sup>3</sup> Excludes off-system transportation customers.



Table of Contents

# Consumers Energy Company

## Selected Financial Information

		2015	2014	2013	2012	2011
Operating revenue (in millions)	(\$)	6,165	6,800	6,321	6,013	6,253
Net income (in millions)	(\$)	594	567	534	439	467
Net income available to common stockholder (in millions)	(\$)	592	565	532	437	465
Cash provided by operations (in millions)	(\$)	1,794	1,338	1,351	1,353	1,323
Capital expenditures, excluding assets placed under capital lease (in millions)	(\$)	1,537	1,573	1,320	1,222	876
Total assets (in millions)	(\$)	18,658	17,847	16,179	16,275	15,662
Long-term debt, excluding current portion (in millions)	(\$)	5,206	5,154	4,579	4,297	3,987
Non-current portion of capital leases and financing obligation (in millions)	(\$)	118	123	138	153	167
Total preferred stock (in millions)	(\$)	37	37	37	44	44
Number of preferred stockholders at year-end		1,156	1,191	1,248	1,378	1,428
Total employees at year-end		7,394	7,388	7,435	7,221	7,452
<b>Electric Utility Statistics</b>						
Sales (billions of kWh)		37	38	37	38	38
Customers (in thousands)		1,803	1,793	1,793	1,786	1,791
Average sales rate per kWh	(¢)	11.39	12.04	11.52	10.94	10.80
<b>Gas Utility Statistics</b>						
Sales and transportation deliveries (bcf)		356	373	352	329	337
Customers (in thousands) <sup>1</sup>		1,741	1,733	1,724	1,715	1,713
Average sales rate per mcf	(\$)	7.89	8.83	8.51	9.55	9.98

<sup>1</sup> Excludes off-system transportation customers.

Table of Contents

## CMS Energy Corporation

## Consumers Energy Company

# Management's Discussion and Analysis of Financial Condition and Results of Operations

This MD&A is a combined report of CMS Energy and Consumers.

## EXECUTIVE OVERVIEW

CMS Energy is an energy company operating primarily in Michigan. It is the parent holding company of several subsidiaries, including Consumers, an electric and gas utility, and CMS Enterprises, primarily a domestic independent power producer. Consumers' electric utility operations include the generation, purchase, transmission, distribution, and sale of electricity, and Consumers' gas utility operations include the purchase, transmission, storage, distribution, and sale of natural gas. Consumers' customer base consists of a mix of residential, commercial, and diversified industrial customers. CMS Enterprises, through its subsidiaries and equity investments, owns and operates power generation facilities.

CMS Energy and Consumers manage their businesses by the nature of services each provides. CMS Energy operates principally in three business segments: electric utility; gas utility; and enterprises, its non-utility operations and investments. Consumers operates principally in two business segments: electric utility and gas utility.

CMS Energy and Consumers earn revenue and generate cash from operations by providing electric and natural gas utility services; electric distribution, transmission, and generation; gas transmission, storage, and distribution; and other energy-related services. Their businesses are affected primarily by:

- regulation and regulatory matters
- economic conditions
- weather
- energy commodity prices
- interest rates

- CMS Energy's and Consumers' securities credit ratings

CMS Energy's and Consumers' business strategy emphasizes the key elements depicted below:

## Table of Contents

Accountability is part of CMS Energy's and Consumers' corporate culture. CMS Energy and Consumers are committed to making the right choices to serve their customers safely and affordably and to acting responsibly as corporate citizens. CMS Energy and Consumers hold themselves accountable to the highest standards of safety, operational performance, and ethical behavior, and work diligently to comply with all laws, rules, and regulations that govern the electric and gas industry. Consumers' 2015 Accountability Report, which is available to the public, provides an overview of Consumers' efforts to continue meeting Michigan's energy needs safely and efficiently, and highlights Consumers' commitment to Michigan businesses, its corporate citizenship, and its role in reducing the state's air emissions.

## Safe, Excellent Operations

The safety of employees, customers, and the general public remains a priority of CMS Energy and Consumers. Accordingly, CMS Energy and Consumers have worked to integrate a set of safety principles into their business operations and culture. These principles include complying with applicable safety, health, and security regulations and implementing programs and processes aimed at continually improving safety and security conditions. In 2015, Consumers reduced recordable safety incidents by 29 percent compared with 2014. The number of recordable safety incidents in 2015 was the lowest in Consumers' history.

## Customer Value

Consumers is undertaking a number of initiatives that reflect its intensified customer focus. Consumers' planned investments in reliability are aimed at improving safety, reducing customer outage frequency, reducing repetitive outages, and increasing customer satisfaction. In 2015, Consumers attained reductions in the duration of electric customer outages and in the frequency of forced outages of its electric generation facilities. Consumers' intensified customer focus has led to measureable improvements in customer satisfaction.

Also, in order to minimize increases in customer base rates, Consumers has undertaken several additional initiatives to reduce costs. These include accelerated pension funding, employee and retiree health care cost sharing, replacement of coal-fueled generation with more efficient gas-fueled generation, targeted infrastructure investment, including the installation of smart meters, negotiated labor agreements, information and control system efficiencies, and productivity improvements. In addition, Consumers' gas commodity costs have declined by 64 percent over the last ten years, due in part to Consumers' improvements to its gas infrastructure and optimization of its gas purchasing and storage strategy. These savings are all passed on to customers.

## Utility Investment

Consumers' investment program focuses on projects that will enhance customer value. During 2015, Consumers completed the purchase of a 540-MW natural gas-fueled electric generating plant located in Jackson, Michigan for \$155 million. Anticipating the planned retirement of seven coal-fueled electric generating units by April 2016, Consumers acquired the natural gas-fueled plant to help address its future capacity requirements and to provide customers with a reliable, cost-effective, and cleaner source of electricity.

Consumers expects to make capital investments of about \$17 billion from 2016 through 2025. While Consumers has substantially more investment opportunities that would add customer value, Consumers has limited its capital investment program to those investments it believes are needed to provide safe, reliable, and efficient service to its customers. Consumers' capital investment program is expected to result in annual rate-base growth of five to seven percent while allowing Consumers to maintain sustainable customer base rate increases (excluding PSCR and GCR charges) at or below the rate of inflation.

Table of Contents

Over the next five years, Consumers expects to make capital investments of about \$8.4 billion, as presented in the following illustration:

Consumers' planned base capital investments of \$4.1 billion represent projects to maintain Consumers' system and comprise \$2.5 billion at the electric utility to preserve reliability and capacity and \$1.6 billion at the gas utility to sustain deliverability and enhance pipeline integrity. An additional \$2.7 billion of planned reliability investments at Consumers are aimed at reducing outages and improving customer satisfaction; these investments comprise \$1.6 billion at the gas utility to replace mains and enhance transmission and storage systems and \$1.1 billion at the electric utility to strengthen circuits and substations and replace poles. Consumers also expects to spend \$0.7 billion on environmental investments needed to comply with state and federal laws and regulations.

Consumers' Smart Energy program also represents a major capital investment. The full-scale deployment of advanced metering infrastructure began in 2012 and is planned to continue through 2017. Consumers has spent \$0.5 billion through 2015 on its Smart Energy program, and expects to spend an additional \$0.3 billion, following a phased approach, from 2016 through 2017.

## Regulation

## Edgar Filing: CMS ENERGY CORP - Form 10-K

Regulatory matters are a key aspect of CMS Energy's and Consumers' businesses, particularly Consumers' rate cases and regulatory proceedings before the MPSC. In July 2015, Michigan Governor Rick Snyder appointed Norm Saari to serve on the three-member MPSC for a six-year term beginning in August 2015, replacing retiring Commissioner Greg White. The governor also appointed Commissioner Sally Talberg to chair the MPSC beginning in January 2016, replacing John Quackenbush, who will remain a commissioner through March 2016. Other important regulatory events and developments are summarized below.

- **Electric Rate Cases:** In December 2014, Consumers filed an application with the MPSC seeking an annual rate increase of \$163 million, based on a 10.7 percent authorized return on equity. In June 2015, Consumers self-implemented an annual rate increase of \$110 million, subject to refund with interest. The MPSC issued an order in November 2015, authorizing an annual rate

Table of Contents

increase of \$165 million, based on a 10.3 percent authorized rate of return on equity. In April 2016, upon the planned retirement of seven coal-fueled electric generating units, the annual rate increase will be reduced by \$39 million to \$126 million.

- **Gas Rate Case:** In July 2015, Consumers filed an application with the MPSC seeking an annual rate increase of \$85 million, based on a 10.7 percent authorized return on equity. The largest component of the request is an annual revenue requirement of \$64 million related to new investments that will allow Consumers to strengthen infrastructure and improve system capacity and deliverability.

The filing also seeks approval of two rate adjustment mechanisms: one that would reconcile annually Consumers' actual weather-adjusted nonfuel revenues with the revenues approved by the MPSC, and another that would allow recovery of an additional \$147 million associated with investments to be made from January 2017 through December 2019, subject to reconciliation. These future investments would help to ensure adequate system capacity and deliverability. In January 2016, Consumers self-implemented an annual rate increase of \$60 million, subject to refund with interest.

In March 2015, Michigan's governor outlined several key goals for the state's energy policy, with a focus on increasing the use of clean energy sources, reducing Michigan's reliance on coal, deploying smart meters, investing in the power grid and pipeline system, eliminating energy waste, and ensuring affordable, reliable, and adaptable energy while protecting the environment. The governor also created the Michigan Agency for Energy, a single entity dedicated to providing all of state government the information and context needed to support Michigan's energy priorities.

In early 2015, members of the Michigan Senate and House of Representatives introduced various bills addressing renewable energy and energy efficiency and proposing changes to the regulatory process, such as establishing an energy planning process to determine the need for new energy investment. The bills also address ROA. Presently, under the 2008 Energy Law, electric customers in Consumers' service territory are allowed to buy electric generation service from alternative electric suppliers in an aggregate amount up to ten percent of Consumers' weather-adjusted retail sales for the preceding calendar year. The bills introduced during 2015 propose a range of changes to ROA, including eliminating ROA, maintaining the existing ROA program but imposing conditions on a customer's return to utility service, and raising the ROA limit. If the ROA limit were increased or if electric generation service in Michigan were deregulated, it could have a material adverse effect on Consumers' financial results and operations. Presently, the Michigan Senate and House of Representatives are considering two separate but similar pieces of legislation to address energy policy. Consumers is unable to predict the form and timing of any final legislation.

Environmental regulation is another area of importance for CMS Energy and Consumers, and they are monitoring numerous legislative and regulatory initiatives, including initiatives to regulate greenhouse gases, and related litigation. CMS Energy and Consumers believe that environmental laws and regulations related to their operations will continue to become more stringent and require them to make additional substantial capital expenditures for emissions control equipment, CCR disposal and storage, cooling water intake equipment, effluent treatment, and PCB remediation. Present and reasonably anticipated state and federal environmental statutes and regulations, including but not limited to the Clean Air Act, including the Clean Power Plan, as well as the Clean Water Act, the Resource Conservation and Recovery Act, and CERCLA, will continue to have a material effect on CMS Energy and Consumers.

## Financial Performance in 2015 and Beyond



Edgar Filing: CMS ENERGY CORP - Form 10-K

In 2015, CMS Energy's net income available to common stockholders was \$523 million, and diluted EPS were \$1.89. This compares with net income available to common stockholders of \$477 million and

Table of Contents

diluted EPS of \$1.74 in 2014. Among the various factors contributing to CMS Energy's improved performance in 2015 were electric and gas rate increases, which were offset partially by decreased gas sales due primarily to colder winter weather in 2014.

Consumers' utility operations are seasonal. The consumption of electric energy typically increases in the summer months, due primarily to the use of air conditioners and other cooling equipment, while peak demand for natural gas occurs in the winter due to colder temperatures and the resulting use of natural gas as heating fuel. In addition, Consumers' electric rates, which follow a seasonal rate design, are higher in the summer months than in the remaining months of the year. A more detailed discussion of the factors affecting CMS Energy's and Consumers' performance can be found in the Results of Operations section that follows this Executive Overview.

Michigan is ranked third among states based on its strong economic growth since 2010. Consumers expects that the continued rise in industrial production will drive its electric deliveries to increase annually by about 0.5 to 1.0 percent on average through 2020. Excluding the impacts of energy efficiency programs, Consumers expects its electric deliveries to increase by about 1.0 to 1.5 percent annually through 2020. Consumers is projecting that its gas deliveries will remain stable through 2020. This outlook reflects growth in gas demand offset by energy efficiency and conservation.

As Consumers seeks to continue to receive fair and timely regulatory treatment, delivering customer value will remain a key strategic priority. In order to minimize increases in customer base rates, Consumers has set goals to achieve further annual productivity improvements. Additionally, Consumers will strive to give priority to capital investments that increase customer value or lower costs.

Consumers expects to continue to have sufficient borrowing capacity to fund its investment-based growth plans. CMS Energy also expects its sources of liquidity to remain sufficient to meet its cash requirements. To identify potential implications for CMS Energy's and Consumers' businesses and future financial needs, the companies will continue to monitor developments in the financial and credit markets, as well as government policy responses to those developments.

Table of Contents**RESULTS OF OPERATIONS****CMS Energy Consolidated Results of Operations**

Net Income Available to Common Stockholders	\$ 523	\$ 477	\$ 452
Basic Earnings Per Share	\$ 1.90	\$ 1.76	\$ 1.71
Diluted Earnings Per Share	\$ 1.89	\$ 1.74	\$ 1.66

Years Ended December 31	<i>In Millions</i>					
	2015	2014	Change	2014	2013	Change
Electric utility	\$ 437	\$ 384	\$ 53	\$ 384	\$ 363	\$ 21
Gas utility	154	179	(25)	179	168	11
Enterprises	4	(1)	5	(1)	2	(3)
Corporate interest and other	(72)	(85)	13	(85)	(81)	(4)
Net Income Available to Common Stockholders	\$ 523	\$ 477	\$ 46	\$ 477	\$ 452	\$ 25

Presented in the following table are specific after-tax changes to net income available to common stockholders for 2015 versus 2014:

Reasons for the change	<i>In Millions</i>	
	2015 better/(worse) than 2014	
<i>Consumers electric utility and gas utility</i>		
<i>Electric sales</i>		
Weather	\$ (2)	
Non-weather	1	\$ (1)
<i>Gas sales</i>		
Weather	(49)	
Non-weather	3	(46)
Electric rate increase		38
Gas rate increase		27
Operating and maintenance costs		27
Charitable and political contributions		15
State of Michigan use tax settlement		14
Cross Winds® Energy Park production tax credits		8
Depreciation and property taxes		(43)
Employee benefit costs		(24)
Other		13
		\$ 28
<i>Enterprises</i>		
Absence of increase in Bay Harbor environmental liability		9
Subsidiary earnings		5
DIG outage, including planned major maintenance		(9)
<i>Corporate interest and other</i>		
Absence of early extinguishment of debt		12

Edgar Filing: CMS ENERGY CORP - Form 10-K

EnerBank earnings	7
Other	(6)
Total change	\$ 46

Table of Contents

Presented in the following table are specific after-tax changes to net income available to common stockholders for 2014 versus 2013:

Reasons for the change	2014 better/(worse) than 2013		<i>In Millions</i>
<i>Consumers electric utility and gas utility</i>			
<i>Gas sales</i>			
Weather	\$	23	
Non-weather		7	\$ 30
<i>Electric sales</i>			
Weather		(13)	
Non-weather		(4)	(17)
Electric rate increase			23
Lower employee benefit costs, primarily OPEB			44
Tax benefit associated with MPSC accounting order			39
Depreciation and property taxes			(45)
Operating and maintenance costs			(15)
Charitable and political contributions			(14)
Other		(13)	\$ 32
<i>Enterprises</i>			
Subsidiary earnings			6
Increase in Bay Harbor environmental liability			(9)
<i>Corporate interest and other</i>			
EnerBank earnings			2
Early extinguishment of debt			(10)
Other			4
Total change			\$ 25

## Consumers Electric Utility Results of Operations

[REDACTED]						
Net Income Available to Common Stockholders	\$	437	\$	384	\$	53
	\$	384	\$	363	\$	21
Electric deliveries and rate increases	\$	78				\$ 36
Other income, net of expenses		25				(16)
Depreciation and amortization		(45)				(38)
Interest charges		3				(3)
Total change	\$	53				\$ 21

Following is a discussion of significant changes to net income available to common stockholders for 2015 versus 2014 and for 2014 versus 2013.

**Electric Deliveries and Rate Increases:** For 2015, electric delivery revenues increased \$78 million compared with 2014. This change reflected \$67 million from a rate increase that Consumers self-implemented in June 2015, a \$9 million increase in revenues related to the renewable energy program, and a \$2 million increase in other revenues. Deliveries to end-use customers were 37.3 billion kWh in 2015 and 37.6 billion kWh in 2014.

Table of Contents

For 2014, electric delivery revenues increased \$36 million compared with 2013. This change reflected a \$33 million benefit from a May 2013 rate increase that Consumers self-implemented in March 2013, \$14 million from a low-income assistance surcharge, and a \$16 million increase in revenues related to the renewable energy program. These increases were offset partially by a \$27 million reduction due primarily to a decrease in sales to Consumers higher-margin customers. Deliveries to end-use customers were 37.6 billion kWh in 2014 and 36.9 billion kWh in 2013.

**Other Income, Net of Expenses:** For 2015, other income, net of expenses, increased \$25 million compared with 2014. This change was due to a \$13 million decrease in charitable and political contributions, \$6 million related to a State of Michigan use tax settlement reached in 2015, and a \$6 million gain related to a donation of CMS Energy stock by Consumers. The gain was eliminated on CMS Energy's consolidated statements of income. For additional details regarding the use tax settlement, see Note 4, Contingencies and Commitments.

For 2014, other income, net of expenses, decreased \$16 million compared with 2013. This decrease was due primarily to increased charitable and political contributions.

**Maintenance and Other Operating Expenses:** For 2015, maintenance and other operating expenses decreased \$8 million compared with 2014. This decrease was due to an \$8 million reduction in maintenance costs at the seven coal-fueled electric generating units planned for retirement in 2016, a \$5 million reduction in uncollectible accounts expense, and \$11 million of other operating and maintenance expenses. Additionally, there was a \$9 million reduction in service restoration costs, reflecting in part the increased capitalization of utility pole units, consistent with a change in regulatory treatment. These decreases were offset largely by a \$25 million increase in postretirement benefits expense attributable to changes in benefit plan assumptions.

For 2014, maintenance and other operating expenses decreased \$24 million compared with 2013. This decrease was due to a \$46 million reduction in postretirement benefit costs attributable to OPEB Plan amendments made in July 2013 and a \$32 million reduction in service restoration costs related primarily to severe storms that occurred in 2013. These decreases were offset largely by \$14 million of increased expenses related to a low-income assistance program, \$14 million of increased expenses associated with information technology projects, and \$26 million of higher forestry and other operating and maintenance expenses.

**Depreciation and Amortization:** For 2015, depreciation and amortization expense increased \$45 million compared with 2014, and for 2014, depreciation and amortization expense increased \$38 million compared with 2013. Both increases were due to higher depreciation expense from increased plant in service and higher amortization of securitized assets.

**General Taxes:** For 2015, general taxes increased \$4 million compared with 2014, and for 2014, general taxes increased \$10 million compared with 2013, due primarily to increased property taxes, reflecting higher capital spending. In 2015, the increase was offset partially by a reduction in general taxes associated with a State of Michigan use tax settlement reached in 2015. For additional details regarding the use tax settlement, see Note 4, Contingencies and Commitments.

**Interest Charges:** For 2015, interest charges decreased \$3 million compared with 2014. This change was due primarily to a \$12 million reduction in interest expense associated with a State of Michigan use tax settlement reached in 2015, offset largely by a \$4 million increase from higher average debt levels and a \$5 million increase in other interest charges related primarily to securitization bonds. For additional details regarding the use tax settlement, see Note 4, Contingencies and Commitments.

**Income Taxes:** For 2015, income taxes increased \$13 million compared with 2014. Of this increase, \$23 million was attributable to higher electric utility earnings, which was offset partially by an \$8 million



Table of Contents

benefit associated with Cross Winds® Energy Park production tax credits and a \$2 million decrease in other tax related items.

For 2014, income taxes decreased \$30 million compared with 2013. This change was due to the accelerated flow-through of income tax benefits under an MPSC accounting order that Consumers implemented in January 2014.

## Consumers Gas Utility Results of Operations

Years Ended December 31	2015	2014	Change	2014	2013	<i>In Millions</i> Change
Net Income Available to Common Stockholders	\$ 154	\$ 179	\$ (25)	\$ 179	\$ 168	\$ 11
<i>Reasons for the change</i>						
Gas deliveries and rate increases			\$ (11)			\$ 28
Other income, net of expenses			9			(4)
Maintenance and other operating expenses			(9)			5
Depreciation and amortization			(21)			(18)
General taxes			(6)			(6)
Interest charges			(4)			(3)
Income taxes			17			9
Total change			\$ (25)			\$ 11

Following is a discussion of significant changes to net income available to common stockholders for 2015 versus 2014 and for 2014 versus 2013.

**Gas Deliveries and Rate Increases:** For 2015, gas delivery revenues decreased \$11 million compared with 2014. This change reflected a \$57 million decrease in sales, due primarily to colder winter weather in 2014. This decrease was offset largely by a \$43 million rate increase implemented in January 2015 and a \$3 million increase in other revenues. Deliveries to end-use customers were 299 bcf in 2015 and 331 bcf in 2014.

For 2014, gas delivery revenues increased \$28 million compared with 2013. This change reflected \$32 million of higher sales, due primarily to colder winter weather in 2014, and a \$3 million increase in other revenue, offset partially by a \$7 million decrease associated with the energy efficiency program. Deliveries to end-use customers were 331 bcf in 2014 and 307 bcf in 2013.

**Other Income, Net of Expenses:** For 2015, other income, net of expenses, increased \$9 million compared with 2014 due primarily to a \$4 million decrease in charitable contributions, \$3 million from a gain related to a donation of CMS Energy stock by Consumers, and a \$2 million increase in other income. The gain was eliminated on CMS Energy's consolidated statements of income.

## Edgar Filing: CMS ENERGY CORP - Form 10-K

For 2014, other income, net of expenses, decreased \$4 million compared with 2013, due to increased charitable contributions.

**Maintenance and Other Operating Expenses:** For 2015, maintenance and other operating expenses increased \$9 million compared with 2014. This change was due to a \$15 million increase in postretirement benefits expense, attributable to changes in benefit plan assumptions, and a \$10 million increase in pipeline integrity expenses. These increases were offset partially by a \$16 million reduction in uncollectible accounts expense due primarily to the successful implementation of new collection practices.

For 2014, maintenance and other operating expenses decreased \$5 million compared with 2013. This decrease was due to a \$27 million reduction in postretirement benefit costs attributable to OPEB Plan

Table of Contents

amendments made in July 2013, and a \$7 million decrease in expenses related to the energy efficiency program. These decreases were offset largely by a \$5 million increase in expenses associated with information technology projects, a \$9 million increase in uncollectible accounts expense, and a \$15 million increase related to pipeline integrity and other gas operating and maintenance expenses.

**Depreciation and Amortization:** For 2015, depreciation and amortization expense increased \$21 million compared with 2014, and for 2014, depreciation and amortization expense increased \$18 million compared with 2013. Both increases were due to higher depreciation expense from increased plant in service.

**General Taxes:** For 2015, general taxes increased \$6 million compared with 2014, and for 2014, general taxes increased \$6 million compared with 2013. Both increases were due to increased property taxes, reflecting higher capital spending.

**Interest Charges:** For 2015, interest charges increased \$4 million compared with 2014 due to higher average debt levels.

**Income Taxes:** For 2015, income taxes decreased \$17 million compared with 2014 attributable to lower gas utility earnings.

For 2014, income taxes decreased \$9 million compared with 2013. This change was due primarily to the accelerated flow-through of income tax benefits under an MPSC accounting order that Consumers implemented in January 2014.

## Enterprises Results of Operations

Years Ended December 31	<i>In Millions</i>					
	2015	2014	Change	2014	2013	Change
Net Income (Loss) Available to Common Stockholders	\$ 4	\$ (1)	\$ 5	\$ (1)	\$ 2	\$ (3)

For 2015, net income of the enterprises segment increased \$5 million compared with 2014, due to the absence in 2015 of a \$9 million after-tax increase in the environmental remediation liability associated with Bay Harbor, offset partially by \$4 million of higher costs associated primarily with planned major maintenance at DIG.

For 2014, the enterprises segment recorded a net loss of \$1 million, compared with net income of \$2 million in 2013. The \$3 million change was due primarily to a \$9 million after-tax increase in the environmental remediation liability associated with Bay Harbor, offset partially by the absence in 2014 of \$4 million in additional tax expense related to OPEB Plan changes adopted in July 2013 and \$2 million in lower after-tax administrative and maintenance expenses.

## Corporate Interest and Other Results of Operations

Years Ended December 31	2015	2014	Change	2014	2013	<i>In Millions</i> Change
Net Income (Loss) Available to Common Stockholders	\$ (72)	\$ (85)	\$ 13	\$ (85)	\$ (81)	\$ (4)

For 2015, corporate interest and other net expenses decreased \$13 million compared with 2014, due to the absence in 2015 of a \$12 million after-tax loss on the early extinguishment of debt and \$7 million of higher earnings at EnerBank. These decreases were offset partially by \$6 million of additional income tax

Table of Contents

expense attributable to higher MCIT and to the establishment of a valuation allowance for certain tax credits.

For 2014, corporate interest and other net expenses increased \$4 million compared with 2013. A \$10 million increase in after-tax losses on the early extinguishment of debt was offset partially by a \$3 million reduction in miscellaneous corporate costs and a \$3 million benefit due primarily to higher earnings at EnerBank.

## CASH POSITION, INVESTING, AND FINANCING

At December 31, 2015, CMS Energy had \$285 million of consolidated cash and cash equivalents, which included \$19 million of restricted cash and cash equivalents. At December 31, 2015, Consumers had \$69 million of consolidated cash and cash equivalents, which included \$19 million of restricted cash and cash equivalents.

## Operating Activities

Presented in the following table are specific components of net cash provided by operating activities for 2015, 2014, and 2013:

Years Ended December 31	2015	2014	Change	2014	2013	<i>In Millions</i> Change
<b>CMS Energy, including Consumers</b>						
Net income	\$ 525	\$ 479	\$ 46	\$ 479	\$ 454	\$ 25
Non-cash transactions <sup>1</sup>	1,155	1,032	123	1,032	1,129	(97)
Postretirement benefits contributions	(262)	(32)	(230)	(32)	(229)	197
Proceeds from government grant	-	-	-	-	69	(69)
Changes in core working capital <sup>2</sup>	241	(17)	258	(17)	86	(103)
Changes in other assets and liabilities, net	(19)	(15)	(4)	(15)	(88)	73
Net cash provided by operating activities	\$ 1,640	\$ 1,447	\$ 193	\$ 1,447	\$ 1,421	\$ 26
<b>Consumers</b>						
Net income	\$ 594	\$ 567	\$ 27	\$ 567	\$ 534	\$ 33
Non-cash transactions <sup>1</sup>	1,096	1,047	49	1,047	1,003	44
Postretirement benefits contributions	(243)	(29)	(214)	(29)	(222)	193
Proceeds from government grant	-	-	-	-	69	(69)
Changes in core working capital <sup>2</sup>	226	(5)	231	(5)	101	(106)
Changes in other assets and liabilities, net	121	(242)	363	(242)	(134)	(108)
Net cash provided by operating activities	\$ 1,794	\$ 1,338	\$ 456	\$ 1,338	\$ 1,351	\$ (13)

<sup>1</sup> Non-cash transactions comprise depreciation and amortization, changes in deferred income taxes, postretirement benefits expense, and other non-cash operating activities.

2 Core working capital comprises accounts receivable, notes receivable, accrued revenue (including accrued gas revenue), inventories, accounts payable, and accrued rate refunds.

For 2015, net cash provided by operating activities at CMS Energy increased \$193 million compared with 2014 and net cash provided by operating activities at Consumers increased \$456 million compared with 2014. These changes were due primarily to gas purchases at lower prices, improved customer collections, and higher net income, net of non-cash transactions, offset partially by higher postretirement benefits contributions. At Consumers, lower income tax payments to CMS Energy also contributed to the improvement in 2015.

Table of Contents

For 2014, net cash provided by operating activities at CMS Energy increased \$26 million compared with 2013, and net cash provided by operating activities at Consumers decreased \$13 million compared with 2013. At CMS Energy and Consumers, increases in net cash provided by operating activities were due primarily to lower postretirement benefits contributions and higher cash collections of accounts receivable from customers, offset partially by an increase in GCR underrecoveries, higher gas volumes purchased due to lower initial gas inventory levels, and the absence, in 2014, of the receipt of a \$69 million renewable energy grant for Lake Winds® Energy Park. At Consumers, these increases were also offset by higher income tax payments to CMS Energy.

## Investing Activities

Presented in the following table are specific components of net cash used in investing activities for 2015, 2014, and 2013:

Years Ended December 31	2015	2014	Change	2014	2013	<i>In Millions</i> Change
<b>CMS Energy, including Consumers</b>						
Capital expenditures	\$ (1,564)	\$ (1,577)	\$ 13	\$ (1,577)	\$ (1,325)	\$ (252)
Jackson plant acquisition	(154)	-	(154)	-	-	-
Change in EnerBank notes receivable	(279)	(255)	(24)	(255)	(139)	(116)
Proceeds from the sale of EnerBank notes receivable	48	-	48	-	-	-
DB SERP fund contribution	(25)	-	(25)	-	(16)	16
Costs to retire property and other	(70)	(78)	8	(78)	(52)	(26)
Net cash used in investing activities	\$ (2,044)	\$ (1,910)	\$ (134)	\$ (1,910)	\$ (1,532)	\$ (378)
<b>Consumers</b>						
Capital expenditures	\$ (1,537)	\$ (1,573)	\$ 36	\$ (1,573)	\$ (1,320)	\$ (253)
Jackson plant acquisition	(154)	-	(154)	-	-	-
DB SERP fund contribution	(17)	-	(17)	-	(13)	13
Costs to retire property and other	(73)	(80)	7	(80)	(54)	(26)
Net cash used in investing activities	\$ (1,781)	\$ (1,653)	\$ (128)	\$ (1,653)	\$ (1,387)	\$ (266)

For 2015, net cash used in investing activities at CMS Energy increased \$134 million compared with 2014 and net cash used in investing activities at Consumers increased \$128 million compared with 2014. The changes were due primarily to the acquisition of the Jackson power plant.

For 2014, net cash used in investing activities at CMS Energy increased \$378 million compared with 2013, and net cash used in investing activities at Consumers increased \$266 million compared with 2013. The changes were due to increases in capital expenditures under Consumers' capital investment program and, at CMS Energy, faster growth in EnerBank consumer lending.

Table of Contents**Financing Activities**

Presented in the following table are specific components of net cash provided by (used in) financing activities for 2015, 2014, and 2013:

Years Ended December 31	2015	2014	Change	2014	2013	<i>In Millions</i> Change
<b>CMS Energy, including Consumers</b>						
Issuance of debt	\$ 599	\$ 1,428	\$ (829)	\$ 1,428	\$ 1,025	\$ 403
Net increase in EnerBank certificates of deposit	214	233	(19)	233	125	108
Issuance of common stock	43	43	-	43	36	7
Retirement of debt	(224)	(750)	526	(750)	(741)	(9)
Payments of dividends on common and preferred stock	(322)	(295)	(27)	(295)	(273)	(22)
Change in notes payable	189	(110)	299	(110)	60	(170)
Other financing activities	(36)	(51)	15	(51)	(42)	(9)
Net cash provided by financing activities	\$ 463	\$ 498	\$ (35)	\$ 498	\$ 190	\$ 308
<b>Consumers</b>						
Issuance of debt	\$ 250	\$ 878	\$ (628)	\$ 878	\$ 750	\$ 128
Stockholder contribution from CMS Energy, net	150	317	(167)	317	150	167
Payments of dividends on common and preferred stock	(476)	(459)	(17)	(459)	(408)	(51)
Retirement of debt	(124)	(220)	96	(220)	(466)	246
Change in notes payable	189	(110)	299	(110)	60	(170)
Other financing activities	(23)	(38)	15	(38)	(37)	(1)
Net cash provided by (used in) financing activities	\$ (34)	\$ 368	\$ (402)	\$ 368	\$ 49	\$ 319

For 2015, net cash provided by financing activities at CMS Energy decreased \$35 million compared with 2014 and net cash used in financing activities at Consumers increased \$402 million compared with 2014. These changes were due primarily to a decrease in debt issuances, offset partially by a decrease in debt retirements and by lower repayments under Consumers' commercial paper program. Lower stockholder contributions from CMS Energy also contributed to the increase in net cash used in financing activities in 2015 at Consumers.

For 2014, net cash provided by financing activities at CMS Energy increased \$308 million compared with 2013 and net cash provided by financing activities at Consumers increased \$319 million compared with 2013. At CMS Energy and Consumers, the changes were due primarily to an increase in net debt issuances, offset partially by higher repayments under Consumers' revolving accounts receivable sales program. At Consumers, the change was also due to increased stockholder contributions by CMS Energy, offset partially by increases in Consumers' dividend payments to CMS Energy.

**CAPITAL RESOURCES AND LIQUIDITY**



## Edgar Filing: CMS ENERGY CORP - Form 10-K

CMS Energy uses dividends and tax-sharing payments from its subsidiaries and external financing and capital transactions to invest in its utility and non-utility businesses, retire debt, pay dividends, and fund its other obligations. The ability of CMS Energy's subsidiaries, including Consumers, to pay dividends to CMS Energy depends upon each subsidiary's revenues, earnings, cash needs, and other factors. In addition, Consumers' ability to pay dividends is restricted by certain terms included in its debt covenants and articles of incorporation, and potentially by FERC requirements and provisions under the Federal Power Act and the Natural Gas Act. For additional details on Consumers' dividend restrictions, see

Table of Contents

Note 5, Financings and Capitalization Dividend Restrictions. For the year ended December 31, 2015, Consumers paid \$474 million in dividends on its common stock to CMS Energy.

As a result of federal tax legislation passed in December 2015 that extends bonus depreciation, CMS Energy expects to be able to extend the use of federal net operating loss carryforwards by two years and, accordingly, defer its federal income tax payments through 2019. As a consequence, however, CMS Energy expects to receive lower tax-sharing payments from Consumers during that period. This may require CMS Energy to maintain higher levels of debt in order to invest in its businesses, pay dividends, and fund its general obligations. Despite this, CMS Energy does not anticipate a need for a block equity offering.

In April 2015, CMS Energy entered into an updated continuous equity offering program. Under this program, CMS Energy may sell, from time to time in at the market offerings, common stock having an aggregate sales price of up to \$100 million. In 2015, CMS Energy issued common stock under the program and received net proceeds of \$30 million.

Consumers uses cash flows generated from operations and external financing transactions, as well as stockholder contributions from CMS Energy, to fund capital expenditures, retire debt, pay dividends, contribute to its employee benefit plans, and fund its other obligations. As a result of accelerated pension funding in recent years and several initiatives to reduce costs, Consumers anticipates continued strong cash flows from operating activities in 2016.

Access to the financial and capital markets depends on CMS Energy's and Consumers' credit ratings and on market conditions. As evidenced by past financing transactions, CMS Energy and Consumers have had ready access to these markets. Barring major market dislocations or disruptions, CMS Energy and Consumers expect to continue to have ready access to the financial and capital markets. If access to these markets were to diminish or otherwise become restricted, CMS Energy and Consumers would implement contingency plans to address debt maturities, which could include reduced capital spending.

At December 31, 2015, CMS Energy had \$549 million of its secured revolving credit facility available, and Consumers had \$891 million available. CMS Energy and Consumers use these credit facilities for general working capital purposes and to issue letters of credit. An additional source of liquidity is Consumers' commercial paper program, which allows Consumers to issue, in one or more placements, up to \$500 million in the aggregate in commercial paper notes with maturities of up to 365 days and that bear interest at fixed or floating rates. These issuances are supported by one of Consumers' revolving credit facilities. While the amount of outstanding commercial paper does not reduce the revolving credit facility's available capacity, Consumers would not issue commercial paper in an amount exceeding the available facility capacity. At December 31, 2015, \$249 million of commercial paper notes were outstanding under this program. For additional details on CMS Energy's and Consumers' secured revolving credit facilities and commercial paper program, see Note 5, Financings and Capitalization.

Table of Contents

Certain of CMS Energy's and Consumers' credit agreements, debt indentures, and other facilities contain covenants that require CMS Energy and Consumers to maintain certain financial ratios, as defined therein. At December 31, 2015, no default had occurred with respect to any financial covenants contained in CMS Energy's and Consumers' credit agreements, debt indentures, or other facilities. CMS Energy and Consumers were each in compliance with these covenants as of December 31, 2015, as presented in the following table:

Credit Agreement, Indenture, or Facility	December 31, 2015	
	Limit	Actual
<b>CMS Energy parent<sup>1</sup></b>		
Debt to EBITDA <sup>2</sup>	≤ 6.0 to 1.0	4.5 to 1.0
<b>Consumers</b>		
Debt to Capital <sup>3</sup>	≤ 0.65 to 1.0	0.49 to 1.0

<sup>1</sup> In June 2015, CMS Energy replaced its \$180 million term loan agreement with a new term loan agreement. Under the new agreement, CMS Energy is no longer required to calculate an interest coverage ratio.

<sup>2</sup> Applies to CMS Energy's \$550 million revolving and \$180 million term loan credit agreements.

<sup>3</sup> Applies to Consumers' \$650 million, \$250 million, and \$30 million revolving credit agreements and \$35 million and \$68 million reimbursement agreements.

Components of CMS Energy's and Consumers' cash management plan include controlling operating expenses and capital expenditures and evaluating market conditions for financing and refinancing opportunities. CMS Energy's and Consumers' present level of cash and expected cash flows from operating activities, together with access to sources of liquidity, are anticipated to be sufficient to fund the companies' contractual obligations for 2016 and beyond.

Table of Contents

**Contractual Obligations:** Presented in the following table are CMS Energy's and Consumers' contractual obligations. The table excludes all amounts classified as current liabilities on CMS Energy's and Consumers' consolidated balance sheets, other than the current portion of long-term debt, capital leases, and financing obligation.

December 31, 2015	Total	Payments Due				<i>In Millions</i>
		Less Than One Year	One to Three Years	Three to Five Years	More Than Five Years	
<b>CMS Energy, including Consumers</b>						
Long-term debt	\$ 9,137	\$ 684	\$ 1,921	\$ 2,089	\$ 4,443	
Interest payments on long-term debt	4,082	397	709	485	2,491	
Capital leases and financing obligation	140	22	42	38	38	
Interest payments on capital leases and financing obligation	57	9	18	15	15	
Operating leases	104	20	35	20	29	
Asset retirement obligations	1,420	42	68	53	1,257	
Deferred investment tax credit	56	3	6	5	42	
Environmental liabilities	203	20	40	42	101	
<i>Purchase obligations</i>						
Total PPAs	9,947	999	1,996	1,998	4,954	
Other <sup>2</sup>	2,200	904	831	174	291	
Total contractual obligations	\$ 27,346	\$ 3,100	\$ 5,666	\$ 4,919	\$ 13,661	
<b>Consumers</b>						
Long-term debt	\$ 5,409	\$ 198	\$ 898	\$ 1,302	\$ 3,011	
Interest payments on long-term debt	2,788	248	446	315	1,779	
Capital leases and financing obligation	140	22	42	38	38	
Interest payments on capital leases and financing obligation	57	9	18	15	15	
Operating leases	104	20	35	20	29	
Asset retirement obligations	1,419	42	68	53	1,256	
Deferred investment tax credit	56	3	6	5	42	
Environmental liabilities	129	14	30	33	52	
<i>Purchase obligations</i>						
<i>PPAs</i>						
MCV PPA	3,003	335	622	617	1,429	
Palisades PPA	2,327	342	715	761	509	
Related party PPAs <sup>1</sup>	977	82	164	172	559	
Other PPAs	3,640	240	495	448	2,457	
Total PPAs	9,947	999	1,996	1,998	4,954	
Other <sup>2</sup>	1,908	870	775	117	146	
Total contractual obligations	\$ 21,957	\$ 2,425	\$ 4,314	\$ 3,896	\$ 11,322	

1 Long-term PPAs from certain affiliates of CMS Enterprises.

2 Long-term contracts for purchase of commodities and related services, and construction and service agreements. The commodities and related services include natural gas and coal with associated transportation.

## Edgar Filing: CMS ENERGY CORP - Form 10-K

CMS Energy and Consumers also have recognized non-current liabilities for which the timing of payments cannot be reasonably estimated. These items, which are excluded from the table above, include regulatory liabilities, deferred income taxes, workers compensation liabilities, accrued liabilities under renewable energy programs, and other liabilities. Retirement benefits are also excluded from the table above. For details related to benefit payments, see Note 12, Retirement Benefits.

Table of Contents

**Off-Balance-Sheet Arrangements:** CMS Energy, Consumers, and certain of their subsidiaries enter into various arrangements in the normal course of business to facilitate commercial transactions with third parties. These arrangements include indemnities, surety bonds, letters of credit, and financial and performance guarantees. Indemnities are usually agreements to reimburse a counterparty that may incur losses due to outside claims or breach of contract terms. The maximum payment that could be required under a number of these indemnity obligations is not estimable; the maximum obligation under indemnities for which such amounts were estimable was \$143 million at December 31, 2015. While CMS Energy and Consumers believe it is unlikely that they will incur any material losses related to indemnities they have not recorded as liabilities, they cannot predict the impact of these contingent obligations on their liquidity and financial condition. For additional details on these and other guarantee arrangements, see Note 4, Contingencies and Commitments Guarantees.

**Capital Expenditures:** Over the next five years, CMS Energy and Consumers expect to make substantial capital investments. CMS Energy and Consumers may revise their forecasts of capital expenditures periodically due to a number of factors, including environmental regulations, business opportunities, market volatility, economic trends, and the ability to access capital. Presented in the following table are CMS Energy's and Consumers' estimated capital expenditures, including lease commitments, for 2016 through 2020:

						<i>In Billions</i>
	2016	2017	2018	2019	2020	Total
<b>CMS Energy, including Consumers</b>						
Consumers	\$ 1.7	\$ 1.7	\$ 1.6	\$ 1.7	\$ 1.7	\$ 8.4
Enterprises	-	-	-	0.1	0.1	0.2
Total CMS Energy	\$ 1.7	\$ 1.7	\$ 1.6	\$ 1.8	\$ 1.8	\$ 8.6
<b>Consumers</b>						
Electric utility operations	\$ 1.1	\$ 1.0	\$ 0.9	\$ 1.0	\$ 1.0	\$ 5.0
Gas utility operations	0.6	0.7	0.7	0.7	0.7	3.4
Total Consumers	\$ 1.7	\$ 1.7	\$ 1.6	\$ 1.7	\$ 1.7	\$ 8.4

**OUTLOOK**

Several business trends and uncertainties may affect CMS Energy's and Consumers' financial condition and results of operations. These trends and uncertainties could have a material impact on CMS Energy's and Consumers' consolidated income, cash flows, or financial position. For additional details regarding these and other uncertainties, see Forward-Looking Statements and Information; Item 1A. Risk Factors; and Note 4, Contingencies and Commitments.

**Consumers Electric Utility and Gas Utility Outlook and Uncertainties**

**Energy Optimization Plan:** The 2008 Energy Law requires Consumers to have achieved cumulative reductions of 5.6 percent in customers electricity use and 3.9 percent in customers natural gas use by December 31, 2015. Consumers exceeded the requirements, with cumulative reductions of 6.8 percent in customers electricity use and 4.9 percent in customers natural gas use at December 31, 2015; the savings results will be certified at the end of the plan year by a third party. Consumers estimates that, through its gas and electric energy optimization programs, its customers realized about \$300 million in energy bill savings during 2015.

## Edgar Filing: CMS ENERGY CORP - Form 10-K

Under the continuing energy optimization plan, Consumers provides its customers with incentives to reduce usage by offering energy audits, rebates and discounts on purchases of highly efficient appliances, and other incentives and programs. In December 2015, the MPSC approved Consumers' 2016-2017 energy optimization plan.

Table of Contents

**Smart Energy:** In 2012, Consumers began installing smart meters for electric residential and small business customers. Smart meters allow customers to monitor and manage their energy usage, which Consumers expects will help reduce demand during critical peak times, resulting in lower peak electric capacity requirements. In addition, Consumers is able to disconnect and reconnect service, read, and bill from smart meters remotely. Consumers will continue to add further functionality to its smart meters.

As of December 31, 2015, Consumers had upgraded 823,000 electric customers in Michigan to smart meters. Consumers expects that it will have installed a total of 1.8 million smart meters throughout its service territory by the end of 2017. Of the customers scheduled for the upgrade, 0.5 percent have chosen not to participate in the smart meter program. Also as of December 31, 2015, Consumers had installed 49,000 communication modules on gas meters in areas where Consumers provides both electricity and natural gas to customers. The communication modules allow Consumers to read and bill from gas meters remotely. Consumers expects that it will have installed a total of 600,000 communication modules on gas meters throughout its service territory by the end of 2017.

## Consumers Electric Utility Outlook and Uncertainties

**Clean Energy Plan:** Consumers continues to experience increasing demand for electricity due to Michigan's recovering economy and increased use of air conditioning, consumer electronics, and other electric devices, offset partially by the predicted effects of energy efficiency and conservation. In order to address future capacity requirements and growing electric demand in Michigan, Consumers has a comprehensive clean energy plan designed to meet the short-term and long-term electricity needs of its customers through:

- energy efficiency
- demand management
- expanded use of renewable energy
- construction or purchase of electric generating units
- continued operation or upgrade of existing units
- purchases of short-term market capacity

In December 2015, Consumers completed the purchase of a 540-MW natural gas-fueled electric generating plant located in Jackson, Michigan for \$155 million from AlphaGen Power LLC and DPC Juniper, LLC, affiliates of JPMorgan Chase & Co. For additional details on the purchase, see Note 9, Plant, Property, and Equipment. With the purchase of this plant, upgrades at Ludington, energy efficiency programs, and demand management programs, Consumers expects its existing resources to be adequate to meet the capacity requirements of its full-service customers for 2016 through 2020, even with the planned retirement of seven coal-fueled electric generating units by April 2016. As demand forecasts become more certain, Consumers may take additional actions to cover any remaining capacity requirements, including participation in the annual MISO planning resource auction.



## Edgar Filing: CMS ENERGY CORP - Form 10-K

In 2014, Consumers deferred the development of a proposed 700-MW natural gas-fueled electric generating plant at its Thetford complex in Genesee County, Michigan, which Consumers estimated would have cost \$700 million. The MDEQ granted an extension of the project's air permit in January 2015. The permit will be void if Consumers does not start construction or obtain a further extension before July 2016.

**Renewable Energy Plan:** Consumers' renewable energy plan details how Consumers expects to meet REC and capacity standards prescribed by the 2008 Energy Law. This law requires Consumers to submit RECs, which represent proof that the associated electricity was generated from a renewable energy resource, in an amount equal to at least ten percent of Consumers' electric sales volume (estimated to be 3.3 million RECs annually) each year. Under its renewable energy plan, Consumers expects to meet its

Table of Contents

renewable energy requirement each year with a combination of newly generated RECs and previously generated RECs carried over from prior years.

The 2008 Energy Law also required Consumers to obtain 500 MW of new capacity from renewable energy resources by the end of 2015, either through generation resources owned by Consumers or through agreements to purchase capacity from other parties. Consumers met its renewable capacity requirement in December 2014, one year earlier than required, through construction of its Lake Winds® and Cross Winds® Energy Parks, with a combined nameplate capacity of 212 MW, and through agreements to purchase 298 MW of nameplate capacity from renewable energy suppliers. Additionally, in September 2015, Consumers signed a 15-year agreement to purchase renewable capacity, energy, and RECs from a 100-MW wind park to be constructed in Huron County, Michigan. The wind park is expected to be operational in late 2016. Consumers has also begun to construct two community solar projects that will provide a combined four MW of nameplate capacity.

Cross Winds® Energy Park qualifies for certain federal production tax credits that will reduce significantly the cost of complying with the renewable requirements of the 2008 Energy Law. Consumers expects to receive \$100 million to \$120 million of federal production tax credits, which will be realized over the first ten years of the wind project's operation. These cost savings will be passed on to customers.

**Electric Customer Deliveries and Revenue:** Consumers' electric customer deliveries are largely dependent on Michigan's economy. Consumers expects weather-adjusted electric deliveries to increase in 2016 by 1.5 to 2.0 percent compared with 2015.

Over the next five years, Consumers plans conservatively for average electric delivery growth of about 0.5 to 1.0 percent annually. This increase reflects growth in electric demand, offset partially by the predicted effects of energy efficiency programs and appliance efficiency standards. Actual delivery levels will depend on:

- energy conservation measures and results of energy efficiency programs
- weather fluctuations
- Michigan's economic conditions, including utilization, expansion, or contraction of manufacturing facilities, population trends, and housing activity

**Electric ROA:** The 2008 Energy Law allows electric customers in Consumers' service territory to buy electric generation service from alternative electric suppliers in an aggregate amount up to ten percent of Consumers' weather-adjusted retail sales for the preceding calendar year. At December 31, 2015, electric deliveries under the ROA program were at the ten-percent limit and alternative electric suppliers were providing 751 MW of generation service to ROA customers. Of Consumers' 1.8 million electric customers, 304 customers, or 0.02 percent, purchased generation service under the ROA program.

**2016 Michigan Energy Legislation:** In March 2015, Michigan's governor outlined several key goals for the state's energy policy, with a focus on increasing the use of clean energy sources, reducing Michigan's reliance on coal, deploying smart meters, investing in the power grid and pipeline system, eliminating energy waste, and ensuring affordable, reliable, and adaptable energy while protecting the environment. The

## Edgar Filing: CMS ENERGY CORP - Form 10-K

governor also created the Michigan Agency for Energy, a single entity dedicated to providing all of state government the information and context needed to support Michigan's energy priorities.

In early 2015, members of the Michigan Senate and House of Representatives introduced various bills addressing renewable energy and energy efficiency and proposing changes to the regulatory process, such as establishing an energy planning process to determine the need for new energy investment. The bills also propose a range of changes to ROA, including eliminating ROA, maintaining the existing ROA program but imposing conditions on a customer's return to utility service, and raising the ROA limit. Presently, the Michigan Senate and House of Representatives are considering two separate but similar

Table of Contents

pieces of legislation to address energy policy. Consumers is unable to predict the form and timing of any final legislation.

**Electric Transmission:** In 2012, ReliabilityFirst Corporation informed Consumers that Consumers may not have been properly registered to meet certain NERC electric reliability standards. Consumers assessed its registration status, taking into consideration FERC's December 2012 order on the definition of a bulk electric system, and became registered under NERC standards as a transmission owner, transmission planner, and transmission operator in October 2015. In addition, Consumers received approval from the MPSC and FERC to reclassify \$34 million of net plant assets from distribution to transmission. Consumers expects to complete the reclassification in 2016. Consumers is pursuing FERC approval to begin earning transmission revenues under MISO's transmission tariff.

In a separate matter, METC notified Consumers that the reclassified assets need to be conveyed by Consumers to METC under the terms of the DTIA. Consumers disagrees with METC's interpretation of the provisions of the DTIA.

**Electric Rate Matters:** Rate matters are critical to Consumers' electric utility business. For additional details on rate matters, see Note 3, Regulatory Matters.

*PSCR Plan:* Consumers submitted its 2016 PSCR plan to the MPSC in September 2015 and, in accordance with its proposed plan, self-implemented the 2016 PSCR charge beginning in January 2016.

**Electric Environmental Outlook:** Consumers' operations are subject to various state and federal environmental laws and regulations. Consumers estimates that it will incur capital expenditures of \$0.7 billion from 2016 through 2020 to continue to comply with the Clean Air Act, Clean Water Act, and numerous state and federal environmental regulations. Consumers expects to recover these costs in customer rates, but cannot guarantee this result. Consumers' primary environmental compliance focus includes, but is not limited to, the following matters:

*Air Quality:* CSAPR, which became effective in January 2015, requires Michigan and 27 other states to improve air quality by reducing power plant emissions that, according to EPA computer models, contribute to ground-level ozone and fine particle pollution in other downwind states. In December 2015, the EPA proposed new ozone-season standards for CSAPR, which would begin in 2017. Consumers expects its emissions to be within the CSAPR allowance allocations.

In 2012, the EPA published emission standards for electric generating units, based on Section 112 of the Clean Air Act, calling the final rule MATS. Under MATS, all of Consumers' existing coal-fueled electric generating units are required to add additional controls for hazardous air pollutants. Consumers expects to meet the extended deadline of April 2016 for five coal-fueled units and two oil/gas-fueled units it intends to continue operating and plans to retire its seven remaining coal-fueled units by the extended deadline. MATS is presently being litigated, and in June 2015 the U.S. Supreme Court reversed and remanded the case back to the U.S. Court of Appeals for the D.C. Circuit. Numerous states and industry parties filed motions to vacate the rule in its entirety, while other parties, including the EPA, sought to have the matter remanded back to the EPA to cure any deficiencies while keeping the rule in effect. In December 2015, the D.C. Circuit remanded MATS back to the EPA without vacating the entire rule. These decisions do not presently impact Consumers' MATS compliance strategy. In addition, Consumers must still comply with the Michigan Mercury Rule and with its settlement agreement with the EPA entered into in November 2014 concerning opacity and NSR.

In October 2015, the EPA released its new rule to lower the NAAQS for ozone. The new ozone NAAQS will make it more difficult to construct or modify power plants in many areas of the country, including some parts of Michigan, if the areas are designated to be in nonattainment of the new standard. Consumers is evaluating this rule to determine what, if any, effect it will have on its electric generating units.

Table of Contents

Presently, Consumers' strategy to comply with air quality regulations, including CSAPR, NAAQS, and MATS, involves the installation of emission control equipment at some facilities and the suspension of operations at others; however, Consumers continues to evaluate these rules in conjunction with other EPA rulemakings, litigation, and congressional action. This evaluation could result in:

- changes in environmental compliance costs related to Consumers' coal-fueled power units
- a change in the fuel mix at coal-fueled and oil-fueled power units
- changes in how certain units are used
- the retirement, mothballing, or repowering with an alternative fuel of some of Consumers' generating units

*Greenhouse Gases:* There have been numerous legislative and regulatory initiatives at the state, regional, national, and international levels that involve the potential regulation of greenhouse gases. Consumers continues to monitor and comment on these initiatives and to follow litigation involving greenhouse gases. Consumers believes Congress may eventually pass greenhouse gas legislation, but is unable to predict the form and timing of any final legislation.

In August 2015, the EPA finalized new rules pursuant to Section 111(b) of the Clean Air Act to limit carbon dioxide emissions from new electric generating units. New coal-fueled units will not be able to meet this limit without installing carbon dioxide control equipment using such methods as carbon capture and sequestration. Also in August 2015, the EPA finalized new rules pursuant to Section 111(b) of the Clean Air Act to limit carbon dioxide emissions from modified or reconstructed electric generating units.

In October 2015, the EPA published final rules pursuant to Section 111(d) of the Clean Air Act to limit carbon dioxide emissions from existing electric generating units, calling the rules the Clean Power Plan. The rules will require a 32 percent nationwide reduction in carbon emissions from existing power plants by 2030 (based on 2005 levels). Initial state implementation plans are due by September 2016, but extensions are available until 2018. States choosing not to develop their own implementation plans will be subject to the federal plan.

Certain states, corporations, and industry groups have initiated litigation opposing the proposed Clean Power Plan. While Michigan's Attorney General has joined the litigation, the governor has indicated that Michigan plans to file a state carbon implementation plan while litigation proceeds.

In December 2015, a group of 195 countries finalized the Paris Agreement, which governs carbon dioxide reduction measures beginning in 2020. As part of this agreement, the United States pledged a 26 percent reduction in greenhouse-gas-emissions by 2025 (with aspirations to achieve a 28 percent reduction) compared with 2005 levels. These targets are in line with the Clean Power Plan targets. While these emission reduction commitments are non-binding, they will be governed by the Clean Power Plan.

Consumers believes that its clean energy plan, its present carbon reduction target, and its emphasis on supply diversity position it favorably to deal with the impact of carbon regulation. Consumers cannot, however, predict the outcome of these EPA rules in court, or of Michigan's

## Edgar Filing: CMS ENERGY CORP - Form 10-K

implementation plan, which may not be submitted for EPA review and approval until 2018. Consumers will continue to monitor regulatory activity regarding greenhouse gas emissions standards that may affect electric generating units.

Litigation, as well as federal laws, EPA regulations regarding greenhouse gases, or similar treaties, state laws, or rules, if enacted or ratified, could require Consumers to replace equipment, install additional emission control equipment, purchase emission allowances, curtail operations, arrange for alternative sources of supply, or take other steps to manage or lower the emission of greenhouse gases. Although associated capital or operating costs relating to greenhouse gas regulation or legislation could be material and cost recovery cannot be assured, Consumers expects to recover these costs and capital expenditures in rates consistent with the recovery of other reasonable costs of complying with environmental laws and regulations.

Table of Contents

*CCRs:* In April 2015, the EPA published a final rule regulating CCRs, such as coal ash, under the Resource Conservation and Recovery Act. The final rule adopts minimum standards for beneficially reusing and disposing of non-hazardous CCRs. The rule establishes new minimum requirements for site location, groundwater monitoring, flood protection, storm water design, fugitive dust control, and public disclosure of information. The rule also sets out conditions under which CCR units would be forced to cease receiving CCR and non-CCR waste and initiate closure based on the inability to achieve minimum safety standards, meet a location standard, or meet minimum groundwater standards. For additional details regarding the impact of this rule on Consumers, see Note 4, Contingencies and Commitments – Consumers Electric Utility Contingencies – Electric Environmental Matters and Note 11, Asset Retirement Obligations.

*Water:* The EPA’s rule to regulate existing electric generating plant cooling water intake systems under Section 316(b) of the Clean Water Act became effective in October 2014. The rule is aimed at reducing alleged harmful impacts on fish and shellfish. Consumers does not expect adverse changes to its environmental strategy as a result of the final rule. In November 2015, the EPA released its final effluent limitation guidelines, which set stringent new requirements for the discharge of arsenic, mercury, selenium, and nitrogen from electric generating units into wastewater streams. Consumers has increased by \$30 million its forecast of capital expenditures to comply with the final rule.

In June 2015, the EPA and the U.S. Army Corps of Engineers published a final rule redefining waters of the United States, which designates the EPA’s jurisdiction under the Clean Water Act. Numerous states and other interested parties, including Michigan’s Attorney General, have filed suits in federal courts to block the rule, which was stayed in October 2015, and that litigation remains pending. Consumers does not expect any adverse changes to its environmental strategy as a result of the final rule.

Many of Consumers’ facilities maintain NPDES permits, which are valid for five years and vital to the facilities’ operations. Failure of the MDEQ to renew any NPDES permit, a successful appeal against a permit, or onerous terms contained in a permit could have a significant detrimental effect on the operations of a facility.

*PCBs:* In 2010, the EPA issued an Advance Notice of Proposed Rulemaking, indicating that it is considering a variety of regulatory actions with respect to PCBs. One approach would aim to phase out equipment containing PCBs by 2025. Another approach would eliminate an exemption for small equipment containing PCBs. To comply with any such regulatory actions, Consumers could incur substantial costs associated with existing electrical equipment potentially containing PCBs. A proposed rule is expected in 2016.

Other electric environmental matters could have a material impact on Consumers’ outlook. For additional details on other electric environmental matters, see Note 4, Contingencies and Commitments – Consumers Electric Utility Contingencies – Electric Environmental Matters.

## Consumers Gas Utility Outlook and Uncertainties

**Gas Deliveries:** Consumers expects weather-adjusted gas deliveries in 2016 to increase by 0.5 percent compared with 2015. Over the next five years, Consumers plans conservatively for stable deliveries. This outlook reflects modest growth in gas demand offset by the predicted effects of energy efficiency and conservation. Actual delivery levels from year to year may vary from this expectation due to:



- weather fluctuations
- use by power producers
- availability and development of renewable energy sources
- gas price changes
- Michigan economic conditions, including population trends and housing activity

Table of Contents

- the price of competing energy sources or fuels
- energy efficiency and conservation impacts

**Gas Rate Matters:** Rate matters are critical to Consumers' gas utility business. For additional details on rate matters, see Note 3, Regulatory Matters.

*Gas Rate Case:* In July 2015, Consumers filed an application with the MPSC seeking an annual rate increase of \$85 million, based on a 10.7 percent authorized return on equity. The largest component of the request is an annual revenue requirement of \$64 million related to new investments that will allow Consumers to strengthen infrastructure and improve system capacity and deliverability.

The filing also seeks approval of two rate adjustment mechanisms: one that would reconcile annually Consumers' actual weather-adjusted nonfuel revenues with the revenues approved by the MPSC, and another that would allow recovery of an additional \$147 million associated with investments to be made from January 2017 through December 2019, subject to reconciliation. These future investments would help to ensure adequate system capacity and deliverability. In January 2016, Consumers self-implemented an annual rate increase of \$60 million, subject to refund with interest.

*GCR Plan:* Consumers submitted its 2016-2017 GCR plan to the MPSC in December 2015 and, in accordance with its proposed plan, expects to self-implement the 2016-2017 GCR charge beginning in April 2016.

**Gas Environmental Outlook:** Consumers expects to incur response activity costs at a number of sites, including 23 former MGP sites. For additional details, see Note 4, Contingencies and Commitments - Consumers Gas Utility Contingencies - Gas Environmental Matters.

## Enterprises Outlook and Uncertainties

The primary focus with respect to CMS Energy's non-utility businesses is to optimize cash flow and maximize the value of their generating assets, which represent 1,077 MW of capacity.

Trends, uncertainties, and other matters that could have a material impact on CMS Energy's consolidated income, cash flows, or financial position include:

- changes in energy and capacity prices

- changes in commodity prices and interest rates on certain derivative contracts that do not qualify for hedge accounting and must be marked to market through earnings
- changes in various environmental laws, regulations, principles, or practices, or in their interpretation
- the outcome of certain legal proceedings
- indemnity and environmental remediation obligations at Bay Harbor
- obligations related to a tax claim from the government of Equatorial Guinea
- representations, warranties, and indemnities provided by CMS Energy in connection with previous sales of assets

For additional details regarding the enterprises segment's uncertainties, see Note 4, Contingencies and Commitments.

## Other Outlook and Uncertainties

**EnerBank:** EnerBank is a Utah state-chartered, FDIC-insured industrial bank providing unsecured consumer installment loans for financing home improvements. EnerBank represented three percent of CMS Energy's net assets at December 31, 2015, and five percent of CMS Energy's net income available to

Table of Contents

common stockholders for the year ended December 31, 2015. The carrying value of EnerBank's loan portfolio was \$1.2 billion at December 31, 2015. Its loan portfolio was funded primarily by certificates of deposit of \$1.1 billion. The twelve-month rolling average net default rate on loans held by EnerBank has remained stable at 0.6 percent at December 31, 2015. CMS Energy is required both by law and by contract to provide financial support, including infusing additional capital, to ensure that EnerBank satisfies mandated capital requirements and has sufficient liquidity to operate. With its self-funding plan, EnerBank has exceeded these requirements historically and exceeded them as of December 31, 2015.

**Litigation:** CMS Energy, Consumers, and certain of their subsidiaries are named as parties in various litigation matters, as well as in administrative proceedings before various courts and governmental agencies, arising in the ordinary course of business. For additional details regarding these and other legal matters, see Note 3, Regulatory Matters and Note 4, Contingencies and Commitments.

## CRITICAL ACCOUNTING POLICIES AND ESTIMATES

The following accounting policies and related information are important to an understanding of CMS Energy's and Consumers' results of operations and financial condition. For additional accounting policies, see Note 1, Significant Accounting Policies.

### Use of Estimates and Assumptions

In the preparation of CMS Energy's and Consumers' consolidated financial statements, estimates and assumptions are used that may affect reported amounts and disclosures. CMS Energy and Consumers use accounting estimates for asset valuations, unbilled revenue, depreciation, amortization, financial and derivative instruments, employee benefits, stock-based compensation, the effects of regulation, indemnities, and contingencies. Actual results may differ from estimated results due to changes in the regulatory environment, regulatory decisions, lawsuits, competition, and other factors. CMS Energy and Consumers consider all relevant factors in making these assessments.

**Allowance for Uncollectible Accounts:** CMS Energy and Consumers make ongoing estimates related to the collectibility of their accounts receivable and establish an allowance for uncollectible accounts based on historical losses, management's assessment of existing economic conditions, customer trends, and other factors. Actual future losses from uncollectible accounts may differ from those estimated by CMS Energy and Consumers.

**Asset Retirement Obligations:** CMS Energy and Consumers are required to record the fair value of the cost to remove assets at the end of their useful lives if there is a legal obligation to remove them. CMS Energy and Consumers have legal obligations to remove some of their assets at the end of their useful lives. CMS Energy and Consumers calculate the fair value of ARO liabilities using an expected present-value technique that reflects assumptions about costs and inflation, and uses a credit-adjusted risk-free rate to discount the expected cash flows. CMS Energy's ARO liabilities are primarily at Consumers. As a regulated entity, Consumers defers the effects of any changes in assumptions on the fair values of its ARO liabilities, adjusting the associated regulatory assets or liabilities rather than recognizing such effects in earnings. For additional details, see Note 11, Asset Retirement Obligations.

## Edgar Filing: CMS ENERGY CORP - Form 10-K

**Contingencies:** CMS Energy and Consumers make judgments regarding the future outcome of various matters that give rise to contingent liabilities. For such matters, they record liabilities when they are considered probable and reasonably estimable, based on all available information. In particular, CMS Energy and Consumers are participating in various environmental remediation projects for which they have recorded liabilities. The recorded amounts represent estimates that may take into account such considerations as the number of sites, the anticipated scope, cost, and timing of remediation work, the available technology, applicable regulations, and the requirements of governmental authorities. For remediation projects in which the timing of estimated expenditures is considered reliably determinable,

Table of Contents

CMS Energy and Consumers record the liability at its net present value, using a discount rate equal to the interest rate on monetary assets that are essentially risk-free and have maturities comparable to that of the environmental liability. The amount recorded for any contingency may differ from actual costs incurred when the contingency is resolved. For additional details, see Note 4, Contingencies and Commitments.

**Fair Value Measurements:** CMS Energy and Consumers have assets and liabilities that are accounted for or disclosed at fair value. Fair value measurements incorporate assumptions that market participants would use in pricing an asset or liability, including assumptions about risk. Development of these assumptions may require judgment. For a detailed discussion of the valuation techniques and inputs used to calculate fair value measurements, see Note 6, Fair Value Measurements. Details about the fair value measurements for the DB Pension Plan and OPEB Plan assets are included in Note 12, Retirement Benefits.

**Income Taxes:** The amount of income taxes paid by CMS Energy is subject to ongoing audits by federal, state, and foreign tax authorities, which can result in proposed assessments. An estimate of the potential outcome of any uncertain tax issue is highly judgmental. CMS Energy believes adequate reserves have been provided for these exposures; however, future results may include favorable or unfavorable adjustments to the estimated tax liabilities in the period the assessments are made or resolved or when statutes of limitation on potential assessments expire. Additionally, CMS Energy's judgment as to the ability to recover its deferred tax assets may change. CMS Energy believes the valuation allowances related to its deferred tax assets are adequate, but future results may include favorable or unfavorable adjustments. As a result, CMS Energy's effective tax rate may fluctuate significantly over time. For additional details, see Note 14, Income Taxes.

**Long-Lived Assets and Equity Method Investments:** CMS Energy and Consumers assess the recoverability of their long-lived assets and equity method investments by performing impairment tests if certain triggering events occur or if there has been a decline in value that may be other than temporary. The estimates that CMS Energy and Consumers use may change over time, which could have a material impact on their consolidated financial statements.

**Unbilled Revenues:** Consumers' customers are billed monthly in cycles having billing dates that do not generally coincide with the end of a calendar month. This results in customers having received electricity or gas that they have not been billed for as of the month-end. Consumers estimates its unbilled revenues by applying an average billed rate to total unbilled deliveries for each customer class. Unbilled revenues, which are recorded as accounts receivable on CMS Energy's and Consumers' consolidated balance sheets, were \$325 million at December 31, 2015 and \$459 million at December 31, 2014.

## Accounting for the Effects of Industry Regulation

Because Consumers has regulated operations, it uses regulatory accounting to recognize the effects of the regulators' decisions on its financial statements. Consumers continually assesses whether future recovery of its regulatory assets is probable by considering communications and experience with its regulators and changes in the regulatory environment. If Consumers determined that recovery of a regulatory asset were not probable, Consumers would be required to write off the asset and immediately recognize the expense in earnings.

**Alternative-Revenue Program:** In 2009, the MPSC approved an energy optimization incentive mechanism that provides a financial incentive if the energy savings of Consumers' customers exceed annual targets established by the MPSC. Consumers accounts for this program as an

## Edgar Filing: CMS ENERGY CORP - Form 10-K

alternative-revenue program that meets the criteria for recognizing revenue related to the incentive as soon as energy savings exceed the annual targets established by the MPSC. Consumers recognized revenue under this program of \$18 million in 2015, \$17 million in 2014, and \$22 million in 2013.

Table of Contents

**Revenue Subject to Refund:** Unless prohibited by the MPSC upon a showing of good cause, Consumers is allowed to self-implement new energy rates six months after a new rate case filing; however, the rates that Consumers self-implements may be subject to refund, with interest. Consumers recognizes revenue associated with self-implemented rates. If Consumers considers it probable that it will be required to refund a portion of its self-implemented rates, it records a provision for revenue subject to refund. A final rate order could differ materially from Consumers' estimates underlying its self-implemented rates, giving rise to accounting adjustments. Under accounting rules for prior period adjustments, CMS Energy and Consumers may need to record such differences, if they are specifically identifiable to prior interim periods, as revisions to those periods. At December 31, 2015 and 2014, Consumers had no significant regulatory liabilities recorded related to self-implemented rates.

## Financial and Derivative Instruments and Market Risk Information

**Financial Instruments:** Debt and equity securities classified as available for sale are reported at fair value as determined from quoted market prices or other observable, market-based inputs. Unrealized gains and losses resulting from changes in fair value of these securities are reported, net of tax, in equity as part of AOCI, except that unrealized losses determined to be other than temporary are reported in earnings.

**Derivative Instruments:** CMS Energy and Consumers account for certain contracts as derivative instruments. If a contract is a derivative and does not qualify for the normal purchases and sales exception, it is recorded on the consolidated balance sheets at its fair value. Each quarter, the resulting asset or liability is adjusted to reflect any change in the fair value of the contract.

The criteria used to determine if an instrument qualifies for derivative accounting or for an exception from derivative accounting are complex and often require judgment in application. Changes in business strategies or market conditions, as well as a requirement to apply different interpretations of the derivative accounting literature, could result in changes in accounting for a single contract or groups of contracts, which could have a material impact on CMS Energy's and Consumers' financial statements. For additional details on CMS Energy's and Consumers' derivatives and how the fair values of derivatives are determined, see Note 6, Fair Value Measurements.

**Market Risk Information:** CMS Energy and Consumers are exposed to market risks including, but not limited to, changes in interest rates, commodity prices, and investment security prices. They may enter into various risk management contracts to mitigate exposure to these risks, including swaps, options, futures, and forward contracts. CMS Energy and Consumers enter into these contracts using established policies and procedures, under the direction of an executive oversight committee consisting of certain officers and a risk committee consisting of those and other officers and business managers.

The following risk sensitivities illustrate the potential loss in fair value, cash flows, or future earnings from financial instruments, assuming a hypothetical adverse change in market rates or prices of ten percent. Potential losses could exceed the amounts shown in the sensitivity analyses if changes in market rates or prices were to exceed ten percent.

**Interest-Rate Risk:** CMS Energy and Consumers are exposed to interest-rate risk resulting from issuing fixed-rate and variable-rate financing instruments. CMS Energy and Consumers use a combination of these instruments, and may also enter into interest-rate swap agreements, in order to manage this risk and to achieve a reasonable cost of capital.





## Edgar Filing: CMS ENERGY CORP - Form 10-K

### Table of Contents

Presented in the following table is a sensitivity analysis of interest-rate risk (assuming an adverse change in market interest rates of ten percent):

December 31	2015	<i>In Millions</i> 2014
<i>Fixed-rate financing potential loss in fair value</i>		
CMS Energy, including Consumers	\$ 263	\$ 247
Consumers	161	151

The fair value losses in the above table could be realized only if CMS Energy and Consumers transferred all of their fixed-rate financing to other creditors. The annual earnings exposure related to variable-rate financing was insignificant for both CMS Energy and Consumers at December 31, 2015 and 2014, assuming an adverse change in market interest rates of ten percent.

*Investment Securities Price Risk:* Through investments in equity securities, CMS Energy and Consumers are exposed to equity price fluctuations. The following table shows the potential effect of adverse changes in equity prices on CMS Energy's and Consumers' available-for-sale investments.

Presented in the following table is a sensitivity analysis of investment securities price risk (assuming an adverse change in market prices of ten percent):

December 31	2015	<i>In Millions</i> 2014
<b>CMS Energy, including Consumers</b>		
<i>Potential reduction in fair value of available-for-sale securities</i>		
<i>DB SERP</i>		
Mutual funds	\$ 15	\$ 13
<b>Consumers</b>		
<i>Potential reduction in fair value of available-for-sale securities</i>		
<i>DB SERP</i>		
Mutual funds	\$ 10	\$ 9
CMS Energy common stock	3	4

*Notes Receivable Risk:* CMS Energy is exposed to interest-rate risk resulting from EnerBank's fixed-rate installment loans. EnerBank provides these loans to homeowners to finance home improvements.

Presented in the following table is a sensitivity analysis of notes receivable (assuming an adverse change in market interest rates of ten percent):

December 31	2015	<i>In Millions</i> 2014
<b>CMS Energy, including Consumers</b>		

*Potential reduction in fair value*

Notes receivable	\$ 23	\$ 18
------------------	-------	-------

The fair value losses in the above table could be realized only if EnerBank sold its loans to other parties. For additional details on financial instruments, see Note 7, Financial Instruments.

## Pension and OPEB

CMS Energy and Consumers provide retirement pension benefits to certain employees under a non-contributory DB Pension Plan, and they provide postretirement health and life benefits to qualifying retired employees under an OPEB Plan.

Table of Contents

CMS Energy and Consumers record liabilities for pension and OPEB on their consolidated balance sheets at the present value of the future obligations, net of any plan assets. The calculation of the liabilities and associated expenses requires the expertise of actuaries, and requires many assumptions, including:

- life expectancies
- discount rates
- expected long-term rate of return on plan assets
- rate of compensation increases
- expected health care costs

A change in these assumptions could change significantly CMS Energy's and Consumers' recorded liabilities and associated expenses.

In January 2016, CMS Energy and Consumers changed the method in which they determine the discount rate used to calculate the service cost and interest expense components of net periodic benefit costs for the DB Pension and OPEB Plans. Historically, the discount rate used for this purpose represented a single weighted-average rate derived from the yield curve used to determine the benefit obligation. CMS Energy and Consumers have elected to use instead a full-yield-curve approach in the estimation of service cost and interest expense; this approach is more accurate in that it applies individual spot rates along the yield curve to future projected benefit payments based on the time of payment. CMS Energy and Consumers expect that this change will result in a decrease in the service cost and interest expense components of net periodic benefit costs for the DB Pension and OPEB Plans, with an offsetting impact to the actuarial gain or loss recorded in, and later amortized from, the associated regulatory asset and AOCI.

Presented in the following table are estimates of CMS Energy's and Consumers' DB Pension Plan and OPEB Plan costs (credits) through 2018. Neither CMS Energy nor Consumers plans to contribute to the DB Pension Plan or OPEB Plan through 2018. Actual future costs and contributions will depend on future investment performance, discount rates, and various factors related to the DB Pension Plan and OPEB Plan participants.

	DB Pension Plan Cost	<i>In Millions</i> OPEB Plan Cost (Credit)
<b>CMS Energy, including Consumers</b>		
2016	\$ 53	\$ (41)
2017	53	(38)
2018	50	(40)
<b>Consumers<sup>1</sup></b>		
2016	\$ 52	\$ (36)
2017	52	(33)
2018	49	(35)

## Edgar Filing: CMS ENERGY CORP - Form 10-K

1 Consumers' pension and OPEB costs are recoverable through its general ratemaking process.

As a result of the change in the method in which CMS Energy and Consumers determine the discount rate used to calculate the service cost and interest expense components of net periodic benefit costs, the estimate of DB Pension Plan costs decreased by \$23 million for 2016, \$21 million for 2017, and \$19 million for 2018, and the estimate of OPEB Plan costs decreased by \$12 million for 2016, \$11 million for 2017, and \$10 million for 2018.

Lowering the expected long-term rate of return on the DB Pension Plan assets by 0.25 percentage point (from 7.25 percent to 7.00 percent) would increase estimated DB Pension Plan cost for 2016 by \$5 million for both CMS Energy and Consumers. Lowering the PBO discount rate by 0.25 percentage

Table of Contents

point (from 4.52 percent to 4.27 percent) would increase estimated DB Pension Plan cost for 2016 by \$5 million for both CMS Energy and Consumers.

For additional details on postretirement benefits, see Note 12, Retirement Benefits.

## **NEW ACCOUNTING STANDARDS**

For details regarding new accounting standards issued but not yet effective, see Note 2, New Accounting Standards.

Table of Contents

(This page intentionally left blank)

Table of Contents

## CMS Energy Corporation

## Consolidated Statements of Income

Years Ended December 31	<i>In Millions</i>		
	2015	2014	2013
<b>Operating Revenue</b>	\$ 6,456	\$ 7,179	\$ 6,566
<b>Operating Expenses</b>			
Fuel for electric generation	593	673	621
Purchased and interchange power	1,406	1,602	1,387
Purchased power – related parties	83	90	90
Cost of gas sold	961	1,493	1,228
Maintenance and other operating expenses	1,238	1,232	1,236
Depreciation and amortization	750	685	628
General taxes	262	252	234
Total operating expenses	5,293	6,027	5,424
<b>Operating Income</b>	1,163	1,152	1,142
<b>Other Income (Expense)</b>			
Interest income	12	5	3
Allowance for equity funds used during construction	10	8	6
Income from equity method investees	14	15	13
Other income	10	11	10
Other expense	(17)	(55)	(20)
Total other income (expense)	29	(16)	12
<b>Interest Charges</b>			
Interest on long-term debt	386	393	385
Other interest expense	14	17	16
Allowance for borrowed funds used during construction	(4)	(3)	(3)
Total interest charges	396	407	398
<b>Income Before Income Taxes</b>	796	729	756
<b>Income Tax Expense</b>	271	250	302
<b>Net Income</b>	525	479	454
<b>Income Attributable to Noncontrolling Interests</b>	2	2	2
<b>Net Income Available to Common Stockholders</b>	\$ 523	\$ 477	\$ 452
<b>Basic Earnings Per Average Common Share</b>	\$ 1.90	\$ 1.76	\$ 1.71
<b>Diluted Earnings Per Average Common Share</b>	\$ 1.89	\$ 1.74	\$ 1.66

The accompanying notes are an integral part of these statements.





Table of Contents

## CMS Energy Corporation

**Consolidated Statements of Comprehensive Income**

Years Ended December 31	2015	2014	<i>In Millions</i> 2013
<b>Net Income</b>	\$ 525	\$ 479	\$ 454
<b>Retirement Benefits Liability</b>			
Net gain (loss) arising during the period, net of tax of \$-, \$(18), and \$16	1	(29)	26
Prior service credit adjustment, net of tax of \$-, \$-, and \$3	-	-	5
Amortization of net actuarial loss, net of tax of \$4, \$1, and \$3	5	3	4
Amortization of prior service credit, net of tax of \$- for all periods	(1)	(1)	-
<b>Investments</b>			
Unrealized loss on investments, net of tax of \$(1) for all periods	(3)	(1)	(2)
<b>Derivative Instruments</b>			
Reclassification adjustments included in net income, net of tax of \$- for all periods	-	1	-
<b>Other Comprehensive Income (Loss)</b>	2	(27)	33
<b>Comprehensive Income</b>	527	452	487
<b>Comprehensive Income Attributable to Noncontrolling Interests</b>	2	2	2
<b>Comprehensive Income Attributable to CMS Energy</b>	\$ 525	\$ 450	\$ 485

The accompanying notes are an integral part of these statements.

Table of Contents

## CMS Energy Corporation

## Consolidated Statements of Cash Flows

Years Ended December 31	2015	2014	<i>In Millions</i> 2013
<b>Cash Flows from Operating Activities</b>			
Net income	\$ 525	\$ 479	\$ 454
<i>Adjustments to reconcile net income to net cash provided by operating activities</i>			
Depreciation and amortization	750	685	628
Deferred income taxes and investment tax credit	247	227	268
Postretirement benefits expense	91	23	144
Bad debt expense	58	80	67
Other non-cash operating activities	9	17	22
Postretirement benefits contributions	(262)	(32)	(229)
Proceeds from government grant	-	-	69
<i>Cash provided by (used in) changes in assets and liabilities</i>			
Accounts receivable and accrued revenue	120	(31)	(120)
Inventories	147	(36)	202
Accounts payable and accrued refunds	(26)	50	4
Other current and non-current assets and liabilities	(19)	(15)	(88)
Net cash provided by operating activities	1,640	1,447	1,421
<b>Cash Flows from Investing Activities</b>			
Capital expenditures (excludes assets placed under capital lease)	(1,564)	(1,577)	(1,325)
Jackson plant acquisition	(154)	-	-
Cost to retire property	(89)	(75)	(56)
Increase in EnerBank notes receivable	(279)	(255)	(139)
Proceeds from the sale of EnerBank notes receivable	48	-	-
Other investing activities	(6)	(3)	(12)
Net cash used in investing activities	(2,044)	(1,910)	(1,532)
<b>Cash Flows from Financing Activities</b>			
Proceeds from issuance of long-term debt	599	1,428	1,025
Net increase in EnerBank certificates of deposit	214	233	125
Issuance of common stock	43	43	36
Retirement of long-term debt	(224)	(750)	(741)
Payment of dividends on common and preferred stock	(322)	(295)	(273)
Increase (decrease) in notes payable	189	(110)	60
Payment of capital lease obligations and other financing costs	(36)	(51)	(42)
Net cash provided by financing activities	463	498	190
<b>Net Increase in Cash and Cash Equivalents</b>	<b>59</b>	<b>35</b>	<b>79</b>
<b>Cash and Cash Equivalents, Beginning of Period</b>	<b>207</b>	<b>172</b>	<b>93</b>
<b>Cash and Cash Equivalents, End of Period</b>	<b>\$ 266</b>	<b>\$ 207</b>	<b>\$ 172</b>



Table of Contents

Years Ended December 31	2015	2014	<i>In Millions</i> 2013
<b>Other cash flow activities and non-cash investing and financing activities</b>			
<b>Cash transactions</b>			
Interest paid (net of amounts capitalized)	\$ 386	\$ 380	\$ 382
Income taxes paid, net	10	22	34
<b>Non-cash transactions</b>			
Capital expenditures not paid	201	201	176
Other assets placed under capital lease	17	7	6

The accompanying notes are an integral part of these statements.

Table of Contents

## CMS Energy Corporation

**Consolidated Balance Sheets****ASSETS**

December 31	2015	<i>In Millions</i> 2014
<b>Current Assets</b>		
Cash and cash equivalents	\$ 266	\$ 207
Restricted cash and cash equivalents	19	37
Accounts receivable and accrued revenue, less allowances of \$28 in 2015 and \$40 in 2014	774	881
Notes receivable, less allowances of \$9 in 2015 and \$8 in 2014	128	98
Notes receivable held for sale	16	41
Accounts receivable related parties	11	11
Accrued gas revenue	-	27
<i>Inventories at average cost</i>		
Gas in underground storage	568	681
Materials and supplies	126	117
Generating plant fuel stock	84	120
Deferred property taxes	235	216
Regulatory assets	16	89
Prepayments and other current assets	77	72
Total current assets	2,320	2,597
<b>Plant, Property, and Equipment</b>		
Plant, property, and equipment, gross	18,943	17,721
Less accumulated depreciation and amortization	5,747	5,415
Plant, property, and equipment, net	13,196	12,306
Construction work in progress	1,509	1,106
Total plant, property, and equipment	14,705	13,412
<b>Other Non-current Assets</b>		
Regulatory assets	1,840	1,956
Accounts and notes receivable	1,027	807
Investments	64	61
Other	384	352
Total other non-current assets	3,315	3,176
Total Assets	\$ 20,340	\$ 19,185

Table of Contents**LIABILITIES AND EQUITY**

December 31	2015	<i>In Millions</i> 2014
<b>Current Liabilities</b>		
Current portion of long-term debt, capital leases, and financing obligation	\$ 706	\$ 540
Notes payable	249	60
Accounts payable	633	678
Accounts payable related parties	9	10
Accrued rate refunds	26	6
Accrued interest	106	108
Accrued taxes	349	316
Regulatory liabilities	82	67
Other current liabilities	142	163
Total current liabilities	2,302	1,948
<b>Non-current Liabilities</b>		
Long-term debt	8,441	8,016
Non-current portion of capital leases and financing obligation	118	123
Regulatory liabilities	2,088	2,095
Postretirement benefits	591	872
Asset retirement obligations	439	340
Deferred investment tax credit	56	37
Deferred income taxes	2,017	1,748
Other non-current liabilities	313	299
Total non-current liabilities	14,063	13,530
<b>Commitments and Contingencies (Notes 3, 4, and 5)</b>		
<b>Equity</b>		
<i>Common stockholders' equity</i>		
Common stock, authorized 350.0 shares; outstanding 277.2 shares in 2015 and 275.2 shares in 2014	3	3
Other paid-in capital	4,837	4,774
Accumulated other comprehensive loss	(47)	(49)
Accumulated deficit	(855)	(1,058)
Total common stockholders' equity	3,938	3,670
Noncontrolling interests	37	37
Total equity	3,975	3,707
<b>Total Liabilities and Equity</b>	<b>\$ 20,340</b>	<b>\$ 19,185</b>

The accompanying notes are an integral part of these statements.

Table of Contents

## CMS Energy Corporation

## Consolidated Statements of Changes in Equity

Years Ended December 31	Number of Shares		<i>In Millions, Except Number of Shares in Thousands</i>			
	2015	2014	2013	2015	2014	2013
<b>Total Equity at Beginning of Period</b>				\$ 3,707	\$ 3,491	\$ 3,238
<b>Common Stock</b>						
At beginning and end of period				3	3	3
<b>Other Paid-in Capital</b>						
At beginning of period	275,184	266,137	264,072	4,774	4,715	4,669
Common stock issued	2,062	9,371	2,238	65	59	51
Common stock repurchased	(306)	(271)	(356)	(12)	(7)	(10)
Common stock reissued	288	-	205	10	-	5
Conversion option on convertible debt	-	-	-	-	7	-
Common stock reacquired	(65)	(53)	(22)	-	-	-
At end of period	277,163	275,184	266,137	4,837	4,774	4,715
<b>Accumulated Other Comprehensive Loss</b>						
At beginning of period				(49)	(22)	(55)
<i>Retirement benefits liability</i>						
At beginning of period				(48)	(21)	(56)
Net gain (loss) arising during the period				1	(29)	26
Prior service credit adjustment				-	-	5
Amortization of net actuarial loss				5	3	4
Amortization of prior service credit				(1)	(1)	-
At end of period				(43)	(48)	(21)
<i>Investments</i>						
At beginning of period				(1)	-	2
Unrealized loss on investments				(3)	(1)	(2)
At end of period				(4)	(1)	-
<i>Derivative instruments</i>						
At beginning of period				-	(1)	(1)
Reclassification adjustments included in net income				-	1	-
At end of period				-	-	(1)
At end of period				(47)	(49)	(22)



Table of Contents

Years Ended December 31	2015	2014	<i>In Millions</i> 2013
<b>Accumulated Deficit</b>			
At beginning of period	(1,058)	(1,242)	(1,423)
Net income attributable to CMS Energy	523	477	452
Dividends declared on common stock	(320)	(293)	(271)
At end of period	(855)	(1,058)	(1,242)
<b>Noncontrolling Interests</b>			
At beginning of period	37	37	44
Income attributable to noncontrolling interests	2	2	2
Distributions, redemptions, and other changes in noncontrolling interests	(2)	(2)	(9)
At end of period	37	37	37
<b>Total Equity at End of Period</b>	<b>\$ 3,975</b>	<b>\$ 3,707</b>	<b>\$ 3,491</b>

The accompanying notes are an integral part of these statements.

Table of Contents

## Consumers Energy Company

## Consolidated Statements of Income

Years Ended December 31	2015	2014	<i>In Millions</i> 2013
<b>Operating Revenue</b>	\$ 6,165	\$ 6,800	\$ 6,321
<b>Operating Expenses</b>			
Fuel for electric generation	497	567	541
Purchased and interchange power	1,376	1,564	1,361
Purchased power – related parties	83	89	89
Cost of gas sold	939	1,375	1,187
Maintenance and other operating expenses	1,149	1,146	1,174
Depreciation and amortization	744	678	622
General taxes	255	246	229
Total operating expenses	5,043	5,665	5,203
<b>Operating Income</b>	1,122	1,135	1,118
<b>Other Income (Expense)</b>			
Interest income	11	4	2
Interest and dividend income – related parties	1	1	1
Allowance for equity funds used during construction	10	8	6
Other income	19	10	14
Other expense	(17)	(35)	(16)
Total other income (expense)	24	(12)	7
<b>Interest Charges</b>			
Interest on long-term debt	252	243	237
Other interest expense	2	10	11
Allowance for borrowed funds used during construction	(4)	(3)	(3)
Total interest charges	250	250	245
<b>Income Before Income Taxes</b>	896	873	880
<b>Income Tax Expense</b>	302	306	346
<b>Net Income</b>	594	567	534
<b>Preferred Stock Dividends and Distribution</b>	2	2	2
<b>Net Income Available to Common Stockholder</b>	\$ 592	\$ 565	\$ 532

The accompanying notes are an integral part of these statements.

Table of Contents

## Consumers Energy Company

**Consolidated Statements of Comprehensive Income**

Years Ended December 31	2015	2014	<i>In Millions</i> 2013
<b>Net Income</b>	\$ 594	\$ 567	\$ 534
<b>Retirement Benefits Liability</b>			
Net gain (loss) arising during the period, net of tax of \$2, \$(7), and \$4	3	(11)	5
Amortization of net actuarial loss, net of tax of \$2, \$1, and \$2	4	2	3
<b>Investments</b>			
Unrealized gain (loss) on investments, net of tax of \$(1), \$2, and \$-	(1)	4	1
Reclassification adjustments included in net income, net of tax of \$(3), \$-, and \$(1)	(5)	-	(3)
<b>Other Comprehensive Income (Loss)</b>	1	(5)	6
<b>Comprehensive Income</b>	\$ 595	\$ 562	\$ 540

The accompanying notes are an integral part of these statements.

Table of Contents

## Consumers Energy Company

## Consolidated Statements of Cash Flows

Years Ended December 31	2015	2014	<i>In Millions</i> 2013
<b>Cash Flows from Operating Activities</b>			
Net income	\$ 594	\$ 567	\$ 534
<i>Adjustments to reconcile net income to net cash provided by operating activities</i>			
Depreciation and amortization	744	678	622
Deferred income taxes and investment tax credit	204	263	164
Postretirement benefits expense	90	24	142
Bad debt expense	50	72	63
Other non-cash operating activities	8	10	12
Postretirement benefits contributions	(243)	(29)	(222)
Proceeds from government grant	-	-	69
<i>Cash provided by (used in) changes in assets and liabilities</i>			
Accounts receivable and accrued revenue	104	(16)	(116)
Inventories	144	(36)	205
Accounts payable and accrued refunds	(22)	47	12
Other current and non-current assets and liabilities	121	(242)	(134)
Net cash provided by operating activities	1,794	1,338	1,351
<b>Cash Flows from Investing Activities</b>			
Capital expenditures (excludes assets placed under capital lease)	(1,537)	(1,573)	(1,320)
Jackson plant acquisition	(154)	-	-
Cost to retire property	(89)	(75)	(56)
Other investing activities	(1)	(5)	(11)
Net cash used in investing activities	(1,781)	(1,653)	(1,387)
<b>Cash Flows from Financing Activities</b>			
Proceeds from issuance of long-term debt	250	878	750
Retirement of long-term debt	(124)	(220)	(466)
Payment of dividends on common and preferred stock	(476)	(459)	(408)
Stockholder contribution	150	495	150
Return of stockholder contribution	-	(178)	-
Payment of capital lease obligations and other financing costs	(23)	(38)	(37)
Increase (decrease) in notes payable	189	(110)	60
Net cash provided by (used in) financing activities	(34)	368	49
<b>Net Increase (Decrease) in Cash and Cash Equivalents</b>	(21)	53	13
<b>Cash and Cash Equivalents, Beginning of Period</b>	71	18	5
<b>Cash and Cash Equivalents, End of Period</b>	\$ 50	\$ 71	\$ 18

Table of Contents

Years Ended December 31	2015	2014	<i>In Millions</i> 2013
<b>Other cash flow activities and non-cash investing and financing activities</b>			
<b>Cash transactions</b>			
Interest paid (net of amounts capitalized)	\$ 245	\$ 233	\$ 236
Income taxes paid (refunds received), net	(84)	266	225
<b>Non-cash transactions</b>			
Capital expenditures not paid	182	201	176
Other assets placed under capital lease	17	7	6

The accompanying notes are an integral part of these statements.

Table of Contents

## Consumers Energy Company

**Consolidated Balance Sheets****ASSETS**

December 31	2015	<i>In Millions</i> 2014
<b>Current Assets</b>		
Cash and cash equivalents	\$ 50	\$ 71
Restricted cash and cash equivalents	19	37
Accounts receivable and accrued revenue, less allowances of \$28 in 2015 and \$39 in 2014	758	863
Accounts receivable related parties	17	1
Accrued gas revenue	-	27
<i>Inventories at average cost</i>		
Gas in underground storage	568	681
Materials and supplies	120	113
Generating plant fuel stock	80	112
Deferred property taxes	235	216
Regulatory assets	16	89
Prepayments and other current assets	66	63
Total current assets	1,929	2,273
<b>Plant, Property, and Equipment</b>		
Plant, property, and equipment, gross	18,797	17,580
Less accumulated depreciation and amortization	5,676	5,346
Plant, property, and equipment, net	13,121	12,234
Construction work in progress	1,467	1,103
Total plant, property, and equipment	14,588	13,337
<b>Other Non-current Assets</b>		
Regulatory assets	1,840	1,956
Accounts and notes receivable	10	7
Investments	29	38
Other	262	236
Total other non-current assets	2,141	2,237
<b>Total Assets</b>	<b>\$ 18,658</b>	<b>\$ 17,847</b>

Table of Contents**LIABILITIES AND EQUITY**

December 31	2015	<i>In Millions</i> 2014
<b>Current Liabilities</b>		
Current portion of long-term debt, capital leases, and financing obligation	\$ 220	\$ 145
Notes payable	249	60
Accounts payable	613	662
Accounts payable related parties	15	12
Accrued rate refunds	26	6
Accrued interest	65	70
Accrued taxes	352	149
Regulatory liabilities	82	67
Other current liabilities	109	135
Total current liabilities	1,731	1,306
<b>Non-current Liabilities</b>		
Long-term debt	5,206	5,154
Non-current portion of capital leases and financing obligation	118	123
Regulatory liabilities	2,088	2,095
Postretirement benefits	529	793
Asset retirement obligations	438	339
Deferred investment tax credit	56	37
Deferred income taxes	2,710	2,486
Other non-current liabilities	236	237
Total non-current liabilities	11,381	11,264
<b>Commitments and Contingencies (Notes 3, 4, and 5)</b>		
<b>Equity</b>		
<i>Common stockholder s equity</i>		
Common stock, authorized 125.0 shares; outstanding 84.1 shares for both periods	841	841
Other paid-in capital	3,724	3,574
Accumulated other comprehensive loss	(6)	(7)
Retained earnings	950	832
Total common stockholder s equity	5,509	5,240
Preferred stock	37	37
Total equity	5,546	5,277
<b>Total Liabilities and Equity</b>	<b>\$ 18,658</b>	<b>\$ 17,847</b>

The accompanying notes are an integral part of these statements.

Table of Contents

## Consumers Energy Company

## Consolidated Statements of Changes in Equity

Years Ended December 31	2015	2014	<i>In Millions</i> 2013
<b>Total Equity at Beginning of Period</b>	\$ 5,277	\$ 4,857	\$ 4,582
<b>Common Stock</b>			
At beginning and end of period	841	841	841
<b>Other Paid-in Capital</b>			
At beginning of period	3,574	3,257	3,107
Stockholder contribution	150	495	150
Return of stockholder contribution	-	(178)	-
At end of period	3,724	3,574	3,257
<b>Accumulated Other Comprehensive Loss</b>			
At beginning of period	(7)	(2)	(8)
<i>Retirement benefits liability</i>			
At beginning of period	(26)	(17)	(25)
Net gain (loss) arising during the period	3	(11)	5
Amortization of net actuarial loss	4	2	3
At end of period	(19)	(26)	(17)
<i>Investments</i>			
At beginning of period	19	15	17
Unrealized gain (loss) on investments	(1)	4	1
Reclassification adjustments included in net income	(5)	-	(3)
At end of period	13	19	15
At end of period	(6)	(7)	(2)
<b>Retained Earnings</b>			
At beginning of period	832	724	598
Net income	594	567	534
Dividends declared on common stock	(474)	(457)	(406)
Dividends and distributions declared on preferred stock	(2)	(2)	(2)
At end of period	950	832	724
<b>Preferred Stock</b>			
At beginning of period	37	37	44
Preferred stock redeemed	-	-	(7)
At end of period	37	37	37
<b>Total Equity at End of Period</b>	\$ 5,546	\$ 5,277	\$ 4,857

The accompanying notes are an integral part of these statements.





Table of Contents

## CMS Energy Corporation

## Consumers Energy Company

### Notes to the Consolidated Financial Statements

#### 1: SIGNIFICANT ACCOUNTING POLICIES

**Principles of Consolidation:** CMS Energy and Consumers prepare their consolidated financial statements in conformity with GAAP. CMS Energy's consolidated financial statements comprise CMS Energy, Consumers, CMS Enterprises, and all other entities in which CMS Energy has a controlling financial interest or is the primary beneficiary. Consumers' consolidated financial statements comprise Consumers and all other entities in which it has a controlling financial interest or is the primary beneficiary. CMS Energy uses the equity method of accounting for investments in companies and partnerships that are not consolidated, where they have significant influence over operations and financial policies but are not the primary beneficiary. CMS Energy and Consumers eliminate intercompany transactions and balances.

**Use of Estimates:** CMS Energy and Consumers are required to make estimates using assumptions that may affect reported amounts and disclosures. Actual results could differ from those estimates.

**Revenue Recognition Policy:** CMS Energy and Consumers recognize revenue from deliveries of electricity and natural gas, and from the transportation, processing, and storage of natural gas, when services are provided. CMS Energy and Consumers record unbilled revenue for the estimated amount of energy delivered to customers but not yet billed. CMS Energy and Consumers record sales tax net and exclude it from revenue. CMS Energy recognizes revenue on sales of marketed electricity, natural gas, and other energy products at delivery.

*Alternative-Revenue Program:* In 2009, the MPSC approved an energy optimization incentive mechanism that provides a financial incentive if the energy savings of Consumers' customers exceed annual targets established by the MPSC. The maximum incentive that Consumers may earn under this mechanism is 15 percent of the amount it spends on energy optimization programs, which is limited to two percent of Consumers' retail revenue. Consumers accounts for this program as an alternative-revenue program that meets the criteria for recognizing revenue related to the incentive as soon as energy savings exceed the annual targets established by the MPSC.

*Self-Implemented Rates:* Unless prohibited by the MPSC upon a showing of good cause, Consumers is allowed to self-implement new energy rates six months after a new rate case filing if the MPSC has not issued an order in the case. The MPSC then has another six months to issue a final order. If the MPSC does not issue a final order within that period, the filed rates are considered approved. If the MPSC issues a final order within that period, the rates that Consumers self-implemented may be subject to refund, with interest. Consumers recognizes revenue associated with self-implemented rates. If Consumers considers it probable that it will be required to refund a portion of its self-implemented rates, then Consumers records a provision for revenue subject to refund.

## Edgar Filing: CMS ENERGY CORP - Form 10-K

*EnerBank:* EnerBank provides four types of unsecured consumer installment loans: same-as-cash, zero interest, reduced interest, and traditional. Under EnerBank's same-as-cash programs, authorized contractors pay EnerBank a fee to provide a borrower with the option to pay off the loan interest-free during the same-as-cash period. EnerBank recognizes the fee on a straight-line basis over the same-as-cash period, which typically ranges from three to 24 months. If a borrower does not exercise its option to pay off its loan interest-free during the same-as-cash period, EnerBank charges the borrower accrued interest at the loan's contractual rate on the outstanding balance from the origination date. Under the zero interest and reduced interest programs, authorized contractors pay EnerBank a fee to provide a borrower

Table of Contents

with no interest or reduced rates of interest for the entire term of the loan. EnerBank recognizes the fee using the interest method over the term of the loan, which ranges from one to 12 years. Unearned income associated with the fees, which is recorded as a reduction to notes receivable on CMS Energy's consolidated balance sheets, was \$82 million at December 31, 2015 and \$62 million at December 31, 2014.

EnerBank recognizes interest income using the interest method and amortizes loan origination fees, net of certain direct origination costs, over the loan term. EnerBank ceases recognizing interest income when a loan loss is confirmed or when a loan becomes 120 days past due, at which time the loan principal is charged against the allowance for loan losses. At that time, EnerBank recognizes any interest accrued but not received for such loan losses as a reversal of interest income.

The loan fees and interest income earned by EnerBank are reported as operating revenue on CMS Energy's consolidated statements of income.

**Accounts Receivable:** Accounts receivable comprise trade receivables and unbilled receivables. CMS Energy and Consumers record their accounts receivable at cost, which approximates fair value. CMS Energy and Consumers establish an allowance for uncollectible accounts based on historical losses, management's assessment of existing economic conditions, customer trends, and other factors. CMS Energy and Consumers assess late payment fees on trade receivables based on contractual past-due terms established with customers. CMS Energy and Consumers charge off accounts deemed uncollectible to operating expense.

**Cash and Cash Equivalents:** Cash and cash equivalents include short-term, highly liquid investments with original maturities of three months or less.

**Contingencies:** CMS Energy and Consumers record estimated liabilities for contingencies on their consolidated financial statements when it is probable that a liability has been incurred and when the amount of loss can be reasonably estimated. CMS Energy and Consumers expense legal fees as incurred; fees incurred but not yet billed are accrued based on estimates of work performed.

**Debt Issuance Costs, Discounts, Premiums, and Refinancing Costs:** Upon the issuance of long-term debt, CMS Energy and Consumers defer issuance costs, discounts, and premiums and amortize those amounts over the terms of the associated debt. Upon the refinancing of long-term debt, Consumers, as a regulated entity, defers any remaining unamortized issuance costs, discounts, and premiums associated with the refinanced debt and amortizes those amounts over the term of the newly issued debt. For the non-regulated portions of CMS Energy's business, any remaining unamortized issuance costs, discounts, and premiums associated with extinguished debt are charged to earnings.

**Derivative Instruments:** In order to support ongoing operations, CMS Energy and Consumers enter into contracts for the future purchase and sale of various commodities, such as electricity, natural gas, and coal. These forward contracts are generally long-term in nature and result in physical delivery of the commodity at a contracted price. Most of these contracts are not subject to derivative accounting because:

- they do not have a notional amount (that is, a number of units specified in a derivative instrument, such as MWh of electricity or bcf of natural gas)
- they qualify for the normal purchases and sales exception

- there is not an active market for the commodity

Consumers' coal purchase contracts are not derivatives because there is not an active market for the coal it purchases. If an active market for coal develops in the future, some of these contracts may qualify as derivatives. Since Consumers is subject to regulatory accounting, the resulting fair value gains and losses would be deferred as regulatory assets or liabilities and would not affect net income.

Consumers also uses FTRs to manage price risk related to electricity transmission congestion. An FTR is a financial instrument that entitles its holder to receive compensation or requires its holder to remit payment for congestion-related transmission charges. Consumers accounts for FTRs as derivatives. All

Table of Contents

changes in fair value associated with FTRs are deferred as regulatory assets and liabilities until the instruments are settled.

CMS Energy and Consumers record derivative contracts that do not qualify for the normal purchases and sales exception at fair value on their consolidated balance sheets. Each reporting period, the resulting asset or liability is adjusted to reflect any change in the fair value of the contract. Since none of CMS Energy's or Consumers' derivatives has been designated as an accounting hedge, all changes in fair value are either reported in earnings or deferred as regulatory assets or liabilities. CMS Energy and Consumers did not have significant amounts recorded as derivative assets or liabilities at December 31, 2015 or 2014. Additionally, the gains and losses recognized in earnings were insignificant for the years ended December 31, 2015, 2014, and 2013.

**Determination of MRV of Plan Assets for DB Pension Plan and OPEB Plan:** CMS Energy and Consumers determine the MRV for DB Pension Plan assets as the fair value of plan assets on the measurement date, adjusted by the gains or losses that will not be admitted into the MRV until future years. CMS Energy and Consumers reflect each year's gain or loss in the MRV in equal amounts over a five-year period beginning on the date the original amount was determined. CMS Energy and Consumers determine the MRV for OPEB Plan assets as the fair value of assets on the measurement date. CMS Energy and Consumers use the MRV in the calculation of net DB Pension Plan and OPEB Plan costs. For further details, see Note 12, Retirement Benefits.

**Earnings Per Share:** CMS Energy calculates basic and diluted EPS using the weighted-average number of shares of common stock and dilutive potential common stock outstanding during the period. Potential common stock, for purposes of determining diluted EPS, includes the effects of nonvested stock awards and contingently convertible securities. CMS Energy computes the effect on potential common stock using the treasury stock method or the if-converted method, as applicable. Diluted EPS excludes the impact of antidilutive securities, which are those securities resulting in an increase in EPS or a decrease in loss per share. For EPS computations, see Note 15, Earnings Per Share - CMS Energy.

**Financial Instruments:** CMS Energy and Consumers record debt and equity securities classified as available for sale at fair value as determined from quoted market prices or other observable, market-based inputs. Unrealized gains and losses resulting from changes in fair value of these securities are determined on a specific-identification basis. CMS Energy and Consumers report unrealized gains and losses on these securities, net of tax, in equity as part of AOCI, except that unrealized losses determined to be other than temporary are reported in earnings. For additional details regarding financial instruments, see Note 7, Financial Instruments.

**Impairment of Long-Lived Assets and Equity Method Investments:** CMS Energy and Consumers perform tests of impairment if certain triggering events occur or if there has been a decline in value that may be other than temporary.

CMS Energy and Consumers evaluate long-lived assets held in use for impairment by calculating the undiscounted future cash flows expected to result from the use of the asset and its eventual disposition. If the undiscounted future cash flows are less than the carrying amount, CMS Energy and Consumers recognize an impairment loss equal to the amount by which the carrying amount exceeds the fair value. CMS Energy and Consumers estimate the fair value of the asset using quoted market prices, market prices of similar assets, or discounted future cash flow analyses.

CMS Energy also assesses equity method investments for impairment whenever there has been a decline in value that is other than temporary. This assessment requires CMS Energy to determine the fair value of the equity method investment. CMS Energy determines fair value using

valuation methodologies, including discounted cash flows, and assesses the ability of the investee to sustain an earnings capacity that justifies the carrying amount of the investment. CMS Energy records an impairment if the fair value is less than the carrying amount and the decline in value is considered to be other than temporary.

Table of Contents

**Inventory:** CMS Energy and Consumers use the weighted-average cost method for valuing working gas, recoverable base gas in underground storage facilities, and materials and supplies inventory. CMS Energy and Consumers also use this method for valuing coal inventory, and they classify these amounts as generating plant fuel stock on their consolidated balance sheets.

CMS Energy and Consumers account for RECs and emission allowances as inventory and use the weighted-average cost method to remove amounts from inventory. RECs and emission allowances are used to satisfy compliance obligations related to the generation of power.

CMS Energy and Consumers use the lower-of-cost-or-market method to evaluate inventory for impairment.

**MISO Transactions:** MISO requires the submission of hourly day-ahead and real-time bids and offers for energy at locations across the MISO region. CMS Energy and Consumers account for MISO transactions on a net hourly basis in each of the real-time and day-ahead markets, netted across all MISO energy market locations. CMS Energy and Consumers record net hourly purchases in purchased and interchange power and net hourly sales in operating revenue on their consolidated statements of income. They record net billing adjustments upon receipt of settlement statements, record accruals for future net purchases and sales adjustments based on historical experience, and reconcile accruals to actual expenses and sales upon receipt of settlement statements.

**Property Taxes:** Property taxes are based on the taxable value of Consumers' real and personal property assessed by local taxing authorities. Consumers records property tax expense over the fiscal year of the taxing authority for which the taxes are levied based on Consumers' budgeted customer sales. The deferred property tax balance represents the amount of Consumers' accrued property tax that will be recognized over future governmental fiscal periods.

**Renewable Energy Grant:** In 2013, Consumers received a renewable energy cash grant for Lake Winds® Energy Park under Section 1603 of the American Recovery and Reinvestment Tax Act of 2009. Upon receipt of the grant, Consumers recorded a regulatory liability, which Consumers is amortizing over the life of Lake Winds® Energy Park. Consumers presents the amortization as a reduction to maintenance and other operating expenses. Consumers recorded the deferred income taxes related to the grant as a reduction of the book basis of Lake Winds® Energy Park.

**Restricted Cash and Cash Equivalents:** CMS Energy and Consumers have restricted cash and cash equivalents dedicated for repayment of Securitization bonds and for payment under performance guarantees. CMS Energy and Consumers classify these amounts as a current asset if they relate to payments that could or will occur within one year. Changes in restricted cash and cash equivalents are presented as investing activities on the consolidated statements of cash flows.

## 2: NEW ACCOUNTING STANDARDS

### Implementation of New Accounting Standards



*ASU 2015-13, Application of the Normal Purchases and Normal Sales Scope Exception to Certain Electricity Contracts within Nodal Energy Markets:* This standard, which became effective in August 2015 for CMS Energy and Consumers, was intended to resolve diversity in practice regarding whether certain electricity contracts are eligible for the normal purchases and sales scope exception from derivative accounting. The standard clarifies that contracts that require transmission of electricity through a market with established price points at each node or hub location are eligible for the scope exception. Consumers applies the normal purchases and sales scope exception to many PPAs that require transmission of electricity through the MISO market, which has price points at various node or hub locations. Since this standard clarifies that these contracts are eligible for the scope exception, which is

Table of Contents

consistent with Consumers' treatment, the standard had no impact on CMS Energy's or Consumers' consolidated financial statements.

*ASU 2015-17, Balance Sheet Classification of Deferred Taxes:* This standard eliminates the requirement to separate deferred income tax assets and liabilities into current and non-current amounts on a classified balance sheet. Under the standard, all deferred income tax amounts should be classified as non-current. The standard will be effective on January 1, 2017 for CMS Energy and Consumers, but early adoption is permitted. The standard can be applied either prospectively or retrospectively. CMS Energy and Consumers elected to adopt the standard early for the year ended December 31, 2015 and applied the standard retrospectively to all prior periods. Accordingly, CMS Energy reclassified \$66 million of current deferred income tax liabilities to non-current deferred income tax liabilities at December 31, 2014, and Consumers reclassified \$80 million of current deferred income tax liabilities to non-current deferred income tax liabilities at December 31, 2014.

## New Accounting Standards Not Yet Effective

*ASU 2014-09, Revenue from Contracts with Customers:* This standard, which will become effective January 1, 2018 for CMS Energy and Consumers, provides new guidance for recognizing revenue from contracts with customers. A primary objective of the standard is to provide a single, comprehensive revenue recognition model that will be applied across entities, industries, and capital markets. The new guidance will replace most of the existing revenue recognition requirements in GAAP, although certain guidance specific to rate-regulated utilities will be retained. Entities will have the option to apply the standard retrospectively to all prior periods presented, or to apply it retrospectively only to contracts existing at the effective date, with the cumulative effect of the standard recorded as an adjustment to beginning retained earnings. CMS Energy and Consumers are evaluating the impact of the standard on their consolidated financial statements.

*ASU 2014-12, Accounting for Share-Based Payments When the Terms of an Award Provide That a Performance Target Could Be Achieved after the Requisite Service Period:* This standard, effective January 1, 2016 for CMS Energy and Consumers, addresses stock awards with performance targets that can be met after an employee has completed the required service period. The standard was intended to resolve diversity in practice regarding the accounting treatment for this type of award. Under the new guidance, the probability of the performance target being met should be factored into compensation expense each period. This guidance is consistent with the accounting that CMS Energy and Consumers already apply to awards of this type. Therefore, CMS Energy and Consumers do not expect the standard to impact their consolidated financial statements.

*ASU 2015-02, Amendments to the Consolidation Analysis:* This standard, effective January 1, 2016 for CMS Energy and Consumers, provides amended guidance on whether reporting entities should consolidate certain legal entities, including limited partnerships. CMS Energy and Consumers have assessed this standard and do not expect that it will result in any changes to their consolidation conclusions or have any impact on their consolidated income, cash flows, or financial position.

*ASU 2015-03, Simplifying the Presentation of Debt Issuance Costs:* This standard, effective January 1, 2016 for CMS Energy and Consumers, requires that debt issuance costs be presented as a direct deduction from the carrying amount of long-term debt on the balance sheet. Presently, debt issuance costs are reported as an asset. The new guidance aligns the presentation of debt issuance costs with debt discounts and premiums. The standard is to be applied retrospectively to all prior periods presented. At December 31, 2015, CMS Energy had \$41 million of unamortized debt issuance costs, which included \$23 million at Consumers. These amounts were recorded in other non-current assets on the consolidated balance sheets, but will be included in the long-term debt balances under this standard.



Table of Contents

*ASU 2016-01, Recognition and Measurement of Financial Assets and Financial Liabilities:* This standard, which will be effective January 1, 2018 for CMS Energy and Consumers, is intended to improve the accounting for financial instruments. The standard will require investments in equity securities to be measured at fair value, with changes in fair value recognized in net income, except for certain investments such as those that qualify for equity-method accounting. The standard will no longer permit unrealized gains and losses for certain equity investments to be recorded in AOCI. CMS Energy and Consumers presently record unrealized gains and losses on certain equity investments, including the mutual funds in the DB SERP and Consumers' investment in CMS Energy common stock, in AOCI. During the year ended December 31, 2015, CMS Energy recorded a \$3 million unrealized net loss on equity investments in AOCI and Consumers recorded a \$1 million unrealized net loss on equity investments in AOCI. For further details on these investments, see Note 7, Financial Instruments. Entities will apply the standard using a modified retrospective approach, with a cumulative-effect adjustment recorded to beginning retained earnings on the effective date. CMS Energy and Consumers are evaluating whether there may be further impacts of the standard on their consolidated financial statements.

### **3: REGULATORY MATTERS**

Regulatory matters are critical to Consumers. The Michigan Attorney General, ABATE, the MPSC Staff, and certain other parties typically participate in MPSC proceedings concerning Consumers, such as Consumers' rate cases and PSCR and GCR processes. These parties often challenge various aspects of those proceedings, including the prudence of Consumers' policies and practices, and seek cost disallowances and other relief. The parties also have appealed significant MPSC orders. Depending upon the specific issues, the outcomes of rate cases and proceedings, including judicial proceedings challenging MPSC orders or other actions, could negatively affect CMS Energy's and Consumers' liquidity, financial condition, and results of operations. Consumers cannot predict the outcome of these proceedings.

There are multiple appeals pending that involve various issues concerning cost allocation among customers, the adequacy of the record evidence supporting the recovery of Smart Energy investments, and other matters. Consumers is unable to predict the outcome of these appeals.

## **Regulatory Assets and Liabilities**

Consumers is subject to the actions of the MPSC and FERC and therefore prepares its consolidated financial statements in accordance with the provisions of regulatory accounting. A utility must apply regulatory accounting when its rates are designed to recover specific costs of providing regulated services. Under regulatory accounting, Consumers records regulatory assets or liabilities for certain transactions that would have been treated as expense or revenue by non-regulated businesses.

Edgar Filing: CMS ENERGY CORP - Form 10-K

Table of Contents

Presented in the following table are the regulatory assets and liabilities on Consumers consolidated balance sheets:

December 31	End of Recovery or Refund Period	<i>In Millions</i>	
		2015	2014
<i>Regulatory assets</i>			
<i>Current</i>			
Energy optimization plan incentive <sup>1</sup>	2016	\$ 16	\$ 17
Securitized costs electric utility restructuring legislation <sup>2</sup>	2015	-	61
Major maintenance <sup>2</sup>	2015	-	8
Other	2015	-	3
Total current regulatory assets		\$ 16	\$ 89
<i>Non-current</i>			
Postretirement benefits <sup>3</sup>	various	\$ 1,096	\$ 1,195
Securitized costs electric generating units to be retired <sup>2</sup>	2029	348	370
ARO <sup>4</sup>	various	151	139
MGP sites <sup>4</sup>	various	146	147
Unamortized debt costs <sup>4</sup>	various	61	66
Gas storage inventory adjustments <sup>4</sup>	various	18	21
Energy optimization plan incentive <sup>1</sup>	2017	18	17
Other	various	2	1
Total non-current regulatory assets		\$ 1,840	\$ 1,956
Total regulatory assets		\$ 1,856	\$ 2,045
<i>Regulatory liabilities</i>			
<i>Current</i>			
Income taxes, net	2016	\$ 64	\$ 64
Securitized costs electric utility restructuring legislation	2016	14	-
Other	2016	4	3
Total current regulatory liabilities		\$ 82	\$ 67
<i>Non-current</i>			
Cost of removal	various	\$ 1,745	\$ 1,673
Renewable energy plan	2028	109	131
ARO	various	73	83
Income taxes, net	various	64	103
Renewable energy grant	2043	60	63
Energy optimization plan	various	26	32
Other	various	11	10
Total non-current regulatory liabilities		\$ 2,088	\$ 2,095
Total regulatory liabilities		\$ 2,170	\$ 2,162

<sup>1</sup> These regulatory assets have arisen from alternative revenue programs and are not associated with incurred costs or capital investments. Therefore, the MPSC has provided for recovery without a return.

<sup>2</sup> These regulatory assets are included in rate base (or are expected to be included, for costs incurred subsequent to the most recently approved rate case), thereby providing a return on expenditures, or provide a specific return on investment authorized by the MPSC.

3 This regulatory asset is offset partially by liabilities. The net amount is included in rate base, thereby providing a return.

4 These regulatory assets represent incurred costs for which the MPSC has provided, or Consumers expects, recovery without a return on investment.

Table of Contents

## Regulatory Assets

**Energy Optimization Plan Incentive:** In May 2015, Consumers filed its annual report and reconciliation for its energy optimization plan, requesting approval of its energy optimization plan costs for 2014. In September 2015, the MPSC approved a settlement agreement authorizing Consumers to collect \$17 million from customers during 2016 as an incentive payment for exceeding statutory targets under both its gas and electric energy optimization plans during 2014.

Consumers also exceeded its statutory savings targets in 2015, and achieved certain other goals, and will request the MPSC's approval to collect \$18 million, the maximum performance incentive, in the energy optimization reconciliation to be filed in 2016.

**Securitized Costs – Electric Utility Restructuring Legislation:** In 2000, the MPSC authorized Consumers to securitize certain qualified costs incurred as a result of electric utility restructuring legislation. Consumers amortized this regulatory asset over the life of the related Securitization bonds, which were paid in full in October 2015. During 2015, Consumers overcollected surcharges related to this Securitization and, as a result, recorded a regulatory liability. Consumers filed a reconciliation with the MPSC in January 2016, requesting to refund this amount to customers in 2016.

**Major Maintenance:** In its 2012 order in Consumers' electric rate case, the MPSC allowed Consumers to defer major maintenance costs associated with its electric generating units in excess of the costs approved in the rate order and to recover those excess costs from customers, subject to MPSC approval. In November 2014, the MPSC approved a settlement agreement authorizing Consumers to recover \$10 million of such excess costs over a six-month period that ended in May 2015.

**Postretirement Benefits:** As part of the ratemaking process, the MPSC allows Consumers to recover the costs of postretirement benefits. Accordingly, Consumers defers the net impact of actuarial losses and gains as well as prior service costs and credits associated with postretirement benefits as a regulatory asset or liability. The asset or liability will decrease as the deferred items are amortized and recognized as components of net periodic benefit cost. For details about the amortization periods, see Note 12, Retirement Benefits.

**Securitized Costs – Electric Generating Units to be Retired:** In 2013, the MPSC issued a Securitization financing order authorizing Consumers to issue Securitization bonds in order to finance the recovery of the remaining book value of seven smaller coal-fueled electric generating units that Consumers plans to retire by April 2016 and three smaller natural gas-fueled electric generating units that Consumers retired in June 2015. Upon receipt of the MPSC's order, Consumers removed the book value of the ten units from plant, property, and equipment and recorded this amount as a regulatory asset. Consumers is amortizing the regulatory asset over the life of the related Securitization bonds, which it issued through a subsidiary in July 2014. For additional details regarding the Securitization bonds, see Note 5, Financings and Capitalization.

**ARO:** The recovery of the underlying asset investments and related removal and monitoring costs of recorded AROs is approved by the MPSC in depreciation rate cases. Consumers records a regulatory asset and a regulatory liability for timing differences between the recognition of AROs for financial reporting purposes and the recovery of these costs from customers. The recovery period approximates the useful life of the assets to be removed.

**MGP Sites:** Consumers is incurring environmental remediation and other response activity costs at 23 former MGP facilities. The MPSC allows Consumers to recover from its natural gas customers over a ten-year period the costs incurred to remediate the MGP sites.

**Unamortized Debt Costs:** Under regulatory accounting, any unamortized debt costs related to debt redeemed with the proceeds of new debt are capitalized and amortized over the life of the new debt.



Table of Contents

**Gas Storage Inventory Adjustments:** Consumers incurs inventory expenses related to the loss of gas from its natural gas storage fields. The MPSC allows Consumers to recover these costs from its natural gas customers over a five-year period.

## Regulatory Liabilities

**Income Taxes, Net:** These costs represent the difference between deferred income taxes recognized for financial reporting purposes and amounts previously reflected in Consumers' rates. This net balance will decrease over the remaining life of the related temporary differences and flow through current income tax benefit.

In 2013, the MPSC issued an order authorizing Consumers to accelerate the flow-through to electric and gas customers of certain income tax benefits associated primarily with the cost of removal of plant placed in service before 1993. The order authorized Consumers to implement a regulatory treatment beginning January 2014 that will return \$209 million of income tax benefits over five years to electric customers and \$260 million of income tax benefits over 12 years to gas customers. During 2015, Consumers returned \$64 million of income tax benefits to customers.

**Cost of Removal:** These amounts have been collected from customers to fund future asset removal activities. This regulatory liability is reduced as costs of removal are incurred. The refund period of this regulatory liability approximates the useful life of the assets to be removed.

**Renewable Energy Plan:** Consumers has collected surcharges to fund its renewable energy plan. Amounts not yet spent under the plan are recorded as a regulatory liability, which is amortized as incremental costs are incurred to operate and depreciate Consumers' wind parks and to purchase RECs under renewable energy purchase agreements. Incremental costs represent costs incurred in excess of amounts recovered through the PSCR process.

**Renewable Energy Grant:** In 2013, Consumers received a \$69 million renewable energy grant for Lake Winds® Energy Park, which began operations in 2012. This grant reduces Consumers' cost of complying with the renewable portfolio standards prescribed by the 2008 Energy Law and, accordingly, reduces the overall renewable energy surcharge to be collected from customers. The regulatory liability recorded for the grant will be amortized over the life of Lake Winds® Energy Park.

**Energy Optimization Plan:** At December 31, 2015 and 2014, surcharges collected from customers to fund Consumers' energy optimization plan exceeded Consumers' spending. The associated regulatory liability is amortized as costs are incurred under Consumers' energy optimization plan.

## Consumers Electric Utility

## Edgar Filing: CMS ENERGY CORP - Form 10-K

**Electric Rate Case:** In December 2014, Consumers filed an application with the MPSC seeking an annual rate increase of \$163 million, based on a 10.7 percent authorized return on equity. The MPSC issued an order in November 2015, authorizing an annual rate increase of \$165 million, based on a 10.3 percent authorized rate of return on equity. In April 2016, upon the planned retirement of seven coal-fueled electric generating units, the annual rate increase will be reduced by \$39 million to \$126 million.

In June 2015, Consumers self-implemented an annual rate increase of \$110 million, subject to refund with interest. Consumers does not expect that a significant refund of self-implemented rates will be required.

**Electric Rate Design:** In June 2015, the MPSC issued an order on Consumers' proposal for a new electric rate design, authorizing a reallocation of annual costs among customer classes. This new allocation will better ensure that rates reflect the cost of service for each customer class and will have the

Table of Contents

effect of making rates for energy-intensive industrial customers more competitive, while keeping residential bills below the national average. In December 2015, the new rate design went into effect.

**Depreciation Rate Case:** In June 2014, Consumers filed a depreciation case related to its electric and common utility property. In this case, Consumers requested an increase in depreciation expense, and its recovery of that expense, of \$28 million annually. In May 2015, the MPSC approved a settlement agreement authorizing an increase in Consumers' depreciation expense, and its recovery of that expense, of \$6 million annually based on December 31, 2013 balances. In December 2015, the new depreciation rates went into effect.

## Consumers Gas Utility

**Gas Rate Case:** In July 2014, Consumers filed an application with the MPSC seeking an annual rate increase of \$88 million. The filing requested authority to recover new investments that will allow Consumers to improve system reliability, comply with regulations, and enhance technology.

In January 2015, the MPSC approved a settlement agreement authorizing a \$45 million annual rate increase, based on a 10.3 percent authorized return on equity. This was Consumers' first gas base rate increase since 2012.

## Power Supply Cost Recovery and Gas Cost Recovery

The PSCR and GCR ratemaking processes are designed to allow Consumers to recover all of its power supply and purchased natural gas costs if incurred under reasonable and prudent policies and practices. The MPSC reviews these costs, policies, and practices in annual plan and reconciliation proceedings. Consumers adjusts its PSCR and GCR billing charges monthly in order to minimize the underrecovery or overrecovery amount in the annual reconciliations.

Underrecoveries represent probable future revenues that will be recovered from customers and are included in accrued gas revenue on Consumers' consolidated balance sheets. Overrecoveries represent previously collected revenues that will be refunded to customers and are included in accrued rate refunds on Consumers' consolidated balance sheets. Presented in the following table are the assets and liabilities for PSCR and GCR underrecoveries and overrecoveries reflected on Consumers' consolidated balance sheets:

December 31	<i>In Millions</i>	
	2015	2014
<i>Assets</i>		
Accrued gas revenue	\$ -	\$ 27
<i>Liabilities</i>		
Accrued rate refunds	26	6

**PSCR Plans and Reconciliations:** In May 2015, the MPSC issued an order in Consumers' 2013 PSCR plan, authorizing the 2013 PSCR factor that Consumers self-implemented beginning in January 2013. Consumers filed its 2013 PSCR reconciliation in March 2014, requesting full recovery of \$1.9 billion of power costs and authorization to roll into its 2014 PSCR plan the overrecovery of \$10 million.

Consumers submitted its 2014 PSCR plan to the MPSC in September 2013 and, in accordance with its proposed plan, self-implemented the 2014 PSCR factor beginning in January 2014. Consumers' power supply costs for 2014 were significantly higher than those projected in its 2014 PSCR plan due to severe winter weather during the three months ended March 31, 2014, as extreme cold weather and heavy snowfall inhibited the delivery and use of coal at Consumers' coal-fueled generating units. Additionally, increases in natural gas prices raised the cost of electricity purchased from the MISO energy market as

Table of Contents

well as the cost of power generated at Consumers' natural gas-fueled generating units. Consumers filed an amendment to its 2014 PSCR plan in March 2014, requesting approval to increase the 2014 PSCR factor. Consumers self-implemented the revised factor in July 2014. In March 2015, Consumers filed its 2014 PSCR reconciliation, requesting full recovery of \$2.1 billion of power costs and authorization to roll into its 2015 PSCR plan the overrecovery of \$6 million.

Consumers submitted its 2015 PSCR plan to the MPSC in September 2014 and, in accordance with its proposed plan, self-implemented the 2015 PSCR factor beginning in January 2015. Consumers had an \$8 million PSCR overrecovery at December 31, 2015.

**GCR Plans and Reconciliations:** In July 2014, the MPSC issued an order in Consumers' 2013-2014 GCR plan, authorizing the 2013-2014 GCR factor that Consumers self-implemented beginning in April 2013. Due to the impact on natural gas prices of extended periods of colder-than-normal winter weather in Michigan and throughout the United States during the three months ended March 31, 2014, Consumers' natural gas fuel costs for this period were significantly higher than those projected in its 2013-2014 GCR plan. As a result, Consumers calculated an \$84 million underrecovery for the 2013-2014 GCR plan year. In the reconciliation it filed in June 2014, Consumers requested full recovery of \$0.9 billion of gas costs and authorization to roll into its 2014-2015 GCR plan the underrecovery of \$84 million.

In June 2015, the MPSC issued an order in Consumers' 2014-2015 GCR plan, authorizing the 2014-2015 GCR factor that Consumers self-implemented beginning in April 2014. Consumers filed its 2014-2015 GCR reconciliation in June 2015, requesting full recovery of \$0.8 billion of gas costs and authorization to roll into its 2015-2016 GCR plan the overrecovery of \$9 million.

Consumers submitted its 2015-2016 GCR plan to the MPSC in December 2014 and, in accordance with its proposed plan, self-implemented the 2015-2016 GCR charge beginning in April 2015. Consumers had an \$18 million GCR overrecovery recorded at December 31, 2015.

## **4: CONTINGENCIES AND COMMITMENTS**

CMS Energy and Consumers are involved in various matters that give rise to contingent liabilities. Depending on the specific issues, the resolution of these contingencies could negatively affect CMS Energy's and Consumers' liquidity, financial condition, and results of operations. In their disclosures of these matters, CMS Energy and Consumers provide an estimate of the possible loss or range of loss when such an estimate can be made. Disclosures that state that CMS Energy or Consumers cannot predict the outcome of a matter indicate that they are unable to estimate a possible loss or range of loss for the matter.

### **CMS Energy Contingencies**

**Gas Index Price Reporting Litigation:** CMS Energy, along with CMS MST, CMS Field Services, Cantera Natural Gas, Inc., and Cantera Gas Company, have been named as defendants in four class action lawsuits and one individual lawsuit arising as a result of alleged inaccurate natural gas price reporting to publications that report trade information. Allegations include price-fixing conspiracies, restraint of trade, and artificial

## Edgar Filing: CMS ENERGY CORP - Form 10-K

inflation of natural gas retail prices in Kansas, Missouri, and Wisconsin. The following provides more detail on the cases in which CMS Energy or its affiliates remain as parties:

- In 2005, CMS Energy, CMS MST, and CMS Field Services were named as defendants in a putative class action filed in Kansas state court, Learjet, Inc., et al. v. Oneok, Inc., et al. The complaint alleges that during the putative class period, January 1, 2000 through October 31, 2002, the defendants engaged in a scheme to violate the Kansas Restraint of Trade Act. The plaintiffs are seeking treble damages, statutory full consideration damages consisting of the full

Table of Contents

consideration paid by the plaintiffs for natural gas purchased during the period, costs, and attorneys' fees.

- In 2007, a class action complaint, Heartland Regional Medical Center, et al. v. Oneok, Inc. et al., was filed as a putative class action in Missouri state court alleging violations of Missouri antitrust laws. The defendants, including CMS Energy, CMS Field Services, and CMS MST, are alleged to have violated the Missouri antitrust law in connection with their natural gas reporting activities during the period January 2000 through October 2002. The plaintiffs are seeking treble damages, costs, and attorneys' fees.

- In 2006, a class action complaint, Arandell Corp., et al. v. XCEL Energy Inc., et al., was filed in Wisconsin state court on behalf of Wisconsin commercial entities that purchased natural gas between January 1, 2000 and October 31, 2002. The defendants, including CMS Energy, CMS ERM, and Cantera Gas Company, are alleged to have violated Wisconsin's antitrust statute. The plaintiffs are seeking full consideration damages, treble damages, costs, interest, and attorneys' fees.

- In 2009, a class action complaint, Newpage Wisconsin System v. CMS ERM, et al., was filed in circuit court in Wood County, Wisconsin, against CMS Energy, CMS ERM, Cantera Gas Company, and others. The plaintiff is seeking full consideration damages, treble damages, costs, interest, and attorneys' fees.

- In 2005, J.P. Morgan Trust Company, N.A., in its capacity as trustee of the FLI Liquidating Trust, filed an action in Kansas state court against CMS Energy, CMS MST, CMS Field Services, and others. The complaint alleges various claims under the Kansas Restraint of Trade Act. The plaintiff is seeking statutory full consideration damages for its purchases of natural gas in 2000 and 2001, costs, and attorneys' fees.

After removal to federal court, all of the cases described above were transferred to a single federal district court pursuant to the multidistrict litigation process. In 2010 and 2011, all claims against CMS Energy defendants were dismissed by the district court based on FERC preemption. Plaintiffs filed appeals in all of the cases. The issues on appeal were whether the district court erred in dismissing the cases based on FERC preemption and denying the plaintiffs' motions for leave to amend their complaints to add a federal Sherman Act antitrust claim. The plaintiffs did not appeal the dismissal of CMS Energy as a defendant in these cases, but other CMS Energy entities remain as defendants.

In 2013, the U.S. Court of Appeals for the Ninth Circuit reversed the district court decision. The appellate court found that FERC preemption does not apply under the facts of these cases. The appellate court affirmed the district court's denial of leave to amend to add federal antitrust claims. The matter was appealed to the U.S. Supreme Court, which in 2015 upheld the Ninth Circuit's decision. The cases have been remanded back to the federal district court.

These cases involve complex facts, a large number of similarly situated defendants with different factual positions, and multiple jurisdictions. Presently, any estimate of liability would be highly speculative; the amount of CMS Energy's reasonably possible loss would be based on widely varying models previously untested in this context. If the outcome after appeals is unfavorable, these cases could negatively affect CMS Energy's liquidity, financial condition, and results of operations.

**Bay Harbor:** CMS Land retained environmental remediation obligations for the collection and treatment of leachate, a liquid consisting of water and other substances, at Bay Harbor after selling its interests in the development in 2002. Leachate is produced when water enters into cement kiln dust piles left over from former cement plant operations at the site. In 2012, CMS Land and the MDEQ finalized an agreement that established the final remedies and the future water quality criteria at the site. CMS Land completed all construction necessary to implement the remedies required by the agreement and will



Table of Contents

continue to maintain and operate a system to discharge treated leachate into Little Traverse Bay under an NPDES permit issued in 2010. CMS Land is presently working with the MDEQ to renew this permit, which requires renewal every five years. Until a new permit is issued, CMS Land is authorized to continue operating under the existing permit.

Various claims have been brought against CMS Land or its affiliates, including CMS Energy, alleging environmental damage to property, loss of property value, insufficient disclosure of environmental matters, breach of agreement relating to access, or other matters. CMS Land and other parties have received a demand for payment from the EPA in the amount of \$8 million, plus interest. The EPA is seeking recovery under CERCLA of response costs allegedly incurred at Bay Harbor. These costs exceed what was agreed to in a 2005 order between CMS Land and the EPA, and CMS Land has communicated to the EPA that it does not believe that this is a valid claim. The EPA has filed a lawsuit to collect these costs.

At December 31, 2015, CMS Energy had a recorded liability of \$58 million for its remaining obligations. CMS Energy calculated this liability based on discounted projected costs, using a discount rate of 4.34 percent and an inflation rate of one percent on annual operating and maintenance costs. The undiscounted amount of the remaining obligation is \$74 million. CMS Energy expects to pay the following amounts for long-term liquid disposal and operating and maintenance in each of the next five years:

	2016	2017	2018	2019	<i>In Millions</i> 2020
<b>CMS Energy</b>					
Long-term liquid disposal and operating and maintenance costs	\$ 6	\$ 5	\$ 5	\$ 5	\$ 4

CMS Energy's estimate of response activity costs and the timing of expenditures could change if there are changes in circumstances or assumptions used in calculating the liability. Although a liability for its present estimate of remaining response activity costs has been recorded, CMS Energy cannot predict the ultimate financial impact or outcome of this matter.

**Equatorial Guinea Tax Claim:** In 2002, CMS Energy sold its oil, gas, and methanol investments in Equatorial Guinea. The government of Equatorial Guinea claims that CMS Energy owes \$152 million in taxes, plus significant penalties and interest, in connection with the sale. The matter is proceeding to formal arbitration. CMS Energy has concluded that the government's tax claim is without merit and is contesting the claim, but cannot predict the financial impact or outcome of the matter. An unfavorable outcome could have a material adverse effect on CMS Energy's liquidity, financial condition, and results of operations.

## Consumers Electric Utility Contingencies

**Electric Environmental Matters:** Consumers' operations are subject to environmental laws and regulations. Historically, Consumers has generally been able to recover, in customer rates, the costs to operate its facilities in compliance with these laws and regulations.

## Edgar Filing: CMS ENERGY CORP - Form 10-K

*Cleanup and Solid Waste:* Consumers expects to incur remediation and other response activity costs at a number of sites under the NREPA. Consumers believes that these costs should be recoverable in rates, but cannot guarantee that outcome. Consumers estimates that its liability for NREPA sites for which it can estimate a range of loss will be between \$3 million and \$5 million. At December 31, 2015, Consumers had a recorded liability of \$3 million, the minimum amount in the range of its estimated probable NREPA liability.

Consumers is a potentially responsible party at a number of contaminated sites administered under CERCLA. CERCLA liability is joint and several. In 2010, Consumers received official notification from

Table of Contents

the EPA that identified Consumers as a potentially responsible party for cleanup of PCBs at the Kalamazoo River CERCLA site. The notification claimed that the EPA has reason to believe that Consumers disposed of PCBs and arranged for the disposal and treatment of PCB-containing materials at portions of the site. In 2011, Consumers received a follow-up letter from the EPA requesting that Consumers agree to participate in a removal action plan along with several other companies for an area of lower Portage Creek, which is connected to the Kalamazoo River. All parties, including Consumers, that were asked to participate in the removal action plan declined to accept liability. Until further information is received from the EPA, Consumers is unable to estimate a range of potential liability for cleanup of the river.

Based on its experience, Consumers estimates that its share of the total liability for known CERCLA sites will be between \$3 million and \$8 million. Various factors, including the number of potentially responsible parties involved with each site, affect Consumers' share of the total liability. At December 31, 2015, Consumers had a recorded liability of \$3 million for its share of the total liability at these sites, the minimum amount in the range of its estimated probable CERCLA liability.

The timing of payments related to Consumers' remediation and other response activities at its CERCLA and NREPA sites is uncertain. Consumers periodically reviews these cost estimates. A change in the underlying assumptions, such as an increase in the number of sites, different remediation techniques, the nature and extent of contamination, and legal and regulatory requirements, could affect its estimates of NREPA and CERCLA liability.

*Ludington PCB:* In 1998, during routine maintenance activities, Consumers identified PCB as a component in certain paint, grout, and sealant materials at Ludington. Consumers removed part of the PCB material and replaced it with non-PCB material. Consumers has had several communications with the EPA regarding this matter. Consumers cannot predict the financial impact or outcome of this matter.

*CCRs:* In April 2015, the EPA published a final rule regulating CCRs, such as coal ash, under the Resource Conservation and Recovery Act. In September 2015, the MDEQ submitted a draft plan to the EPA in which it declared its intent to explicitly regulate these facilities under state laws, and the EPA responded, confirming that it agreed with the MDEQ's regulatory approach. Accordingly, Consumers recorded a \$68 million increase to its coal ash disposal ARO liability and a corresponding increase to plant, property, and equipment that will be amortized over the remaining lives of the facilities. For additional details on the ARO liability, see Note 11, Asset Retirement Obligations.

## Consumers Gas Utility Contingencies

**Gas Environmental Matters:** Consumers expects to incur remediation and other response activity costs at a number of sites under the NREPA. These sites include 23 former MGP facilities. Consumers operated the facilities on these sites for some part of their operating lives. For some of these sites, Consumers has no present ownership interest or may own only a portion of the original site.

At December 31, 2015, Consumers had a recorded liability of \$114 million for its remaining obligations for these sites. This amount represents the present value of long-term projected costs, using a discount rate of 2.57 percent and an inflation rate of 2.5 percent. The undiscounted amount of the remaining obligation is \$129 million. Consumers expects to pay the following amounts for remediation and other response activity costs in each of the next five years:

Edgar Filing: CMS ENERGY CORP - Form 10-K

	2016	2017	2018	2019	<i>In Millions</i> 2020
<b>Consumers</b>					
Remediation and other response activity costs	\$ 14	\$ 19	\$ 11	\$ 14	\$ 19

Table of Contents

Consumers periodically reviews these cost estimates. Any significant change in the underlying assumptions, such as an increase in the number of sites, changes in remediation techniques, or legal and regulatory requirements, could affect Consumers' estimates of annual response activity costs and the MGP liability. At one of the MGP sites, Consumers is waiting for a local agency to make certain decisions on work being carried out adjacent to the site. Depending on the outcome, the agency's decisions could impact Consumers' remediation strategy and result in an increase in its cost estimates in 2016.

Pursuant to orders issued by the MPSC, Consumers defers its MGP-related remediation costs and recovers them from its customers over a ten-year period. At December 31, 2015, Consumers had a regulatory asset of \$146 million related to the MGP sites.

Consumers estimates that its liability to perform remediation and other response activities at NREPA sites other than the MGP sites could reach \$3 million. At December 31, 2015, Consumers had a recorded liability of less than \$1 million, the minimum amount in the range of its estimated probable liability.

## Guarantees

Presented in the following table are CMS Energy's and Consumers' guarantees at December 31, 2015:

Guarantee Description	Issue Date	Expiration Date	Maximum Obligation	<i>In Millions</i> Carrying Amount
<b>CMS Energy, including Consumers</b>				
Indemnity obligations from stock and asset sale agreements <sup>1</sup>	Various	Indefinite	\$ 143	\$ 7
Guarantees <sup>2</sup>	Various	Indefinite	51	-
<b>Consumers</b>				
Guarantee <sup>2</sup>	July 2011	Indefinite	\$ 30	\$ -

<sup>1</sup> These obligations arose from stock and asset sale agreements under which CMS Energy or a subsidiary of CMS Energy indemnified the purchaser for losses resulting from various matters, primarily claims related to taxes. CMS Energy believes the likelihood of material loss to be remote for the indemnity obligations not recorded as liabilities.

<sup>2</sup> At Consumers, this obligation comprises a guarantee provided to the DOE in connection with a settlement agreement regarding damages resulting from the DOE's failure to accept spent nuclear fuel from nuclear power plants formerly owned by Consumers. At CMS Energy, the guarantee obligations comprise Consumers' guarantee to the DOE and CMS Energy's 1994 guarantee of non-recourse revenue bonds issued by Genesee. For additional details on this guarantee, see Note 19, Variable Interest Entities.

Additionally, in the normal course of business, CMS Energy, Consumers, and certain other subsidiaries of CMS Energy have entered into various agreements containing tax and other indemnity provisions for which they are unable to estimate the maximum potential obligation. The current carrying value of these indemnity obligations is less than \$1 million. CMS Energy and Consumers consider the likelihood that they would be required to perform or incur substantial losses related to these indemnities to be remote.

## Other Contingencies

**Michigan Sales and Use Tax Litigation:** In 2010, the Michigan Department of Treasury finalized a sales and use tax audit of Consumers for the period from October 1997 to December 2004. It determined that Consumers' electric and natural gas distribution equipment was not eligible for an industrial-processing exemption and therefore was subject to the use tax. Consumers paid the tax for the period from 1997

Table of Contents

through 2004 and filed a claim in the Michigan Court of Claims disputing the tax determination. Consumers has continued to apply the industrial-processing exemption for the years subsequent to 2004.

In December 2015, Consumers and the Michigan Department of Treasury reached a settlement agreement under which the Michigan Department of Treasury will refund to Consumers the majority of use tax that Consumers paid on electric distribution equipment for the period from October 1997 through December 2004. Accordingly, Consumers will receive \$37 million, which comprises a \$19 million refund of taxes paid, a \$12 million refund of interest paid, and \$6 million of interest owed to Consumers. In December 2015, Consumers recorded a \$12 million reduction in other interest expense and \$6 million in interest income. The taxes paid were originally capitalized as a cost of the equipment. Therefore, Consumers recorded the \$19 million tax refund as a reduction in plant, property, and equipment. Consumers also recorded an additional \$5 million reduction in general taxes for the elimination of a loss contingency previously recorded for this matter.

The parties further agreed to continue to meet to reach agreement on a reasonable method of apportionment relating to Consumers' natural gas system for the period from October 1997 to December 2004 and to Consumers' electric and natural gas distribution equipment for the period from January 2005 to December 2014.

**Other:** In addition to the matters disclosed in this Note and Note 3, Regulatory Matters, there are certain other lawsuits and administrative proceedings before various courts and governmental agencies arising in the ordinary course of business to which CMS Energy, Consumers, and certain other subsidiaries of CMS Energy are parties. These other lawsuits and proceedings may involve personal injury, property damage, contracts, environmental matters, federal and state taxes, rates, licensing, employment, and other matters. Further, CMS Energy and Consumers occasionally self-report certain regulatory non-compliance matters that may or may not eventually result in administrative proceedings. CMS Energy and Consumers believe that the outcome of any one of these proceedings will not have a material negative effect on their consolidated results of operations, financial condition, or liquidity.

## Contractual Commitments

**Purchase Obligations:** Purchase obligations arise from long-term contracts for the purchase of commodities and related services, and construction and service agreements. The commodities and related services include long-term PPAs, natural gas and associated transportation, and coal and associated transportation. Related party PPAs are between Consumers and certain affiliates of CMS Enterprises. Presented in the following table are CMS Energy's and Consumers' contractual purchase obligations at December 31, 2015 for each of the periods shown:

	Payments Due							<i>In Millions</i>	
	Total	2016	2017	2018	2019	2020	Beyond 2020		
<b>CMS Energy, including Consumers</b>									
Total PPAs	\$ 9,947	\$ 999	\$ 1,027	\$ 969	\$ 1,003	\$ 995	\$ 4,954		
Other	2,200	904	580	251	111	63	291		
<b>Consumers</b>									
<i>PPAs</i>									
MCV PPA	\$ 3,003	\$ 335	\$ 345	\$ 277	\$ 321	\$ 296	\$ 1,429		
Palisades PPA	2,327	342	352	363	374	387	509		

Edgar Filing: CMS ENERGY CORP - Form 10-K

Related party PPAs		977		82		82		82		85		87		559
Other PPAs		3,640		240		248		247		223		225		2,457
Total PPAs	\$	9,947	\$	999	\$	1,027	\$	969	\$	1,003	\$	995	\$	4,954
Other		1,908		870		551		224		83		34		146



Table of Contents

**MCV PPA:** Consumers has a 35-year PPA that began in 1990 with the MCV Partnership to purchase 1,240 MW of electricity. The MCV PPA, as amended and restated, provides for:

- a capacity charge of \$10.14 per MWh of available capacity
- a fixed energy charge based on Consumers' annual average baseload coal generating plant operating and maintenance cost, fuel inventory, and administrative and general expenses
- a variable energy charge based on the MCV Partnership's cost of production when the plant is dispatched
- a \$5 million annual contribution by the MCV Partnership to a renewable resources program
- an option for Consumers to extend the MCV PPA for five years or purchase the MCV Facility at the conclusion of the MCV PPA's term in March 2025

Capacity and energy charges under the MCV PPA were \$282 million in 2015, \$300 million in 2014, and \$278 million in 2013.

**Palisades PPA:** Consumers has a PPA expiring in 2022 with Entergy to purchase all of the capacity and energy produced by Palisades, up to the annual average capacity of 798 MW. For all delivered energy, the Palisades PPA has escalating capacity and variable energy charges. Total capacity and energy charges under the Palisades PPA were \$352 million in 2015, \$302 million in 2014, and \$338 million in 2013. For further details about Palisades, see Note 10, Leases.

**Other PPAs:** Consumers has PPAs expiring between 2016 and 2036 with various counterparties. The majority of the PPAs have capacity and energy charges for delivered energy. Capacity and energy charges under these PPAs were \$347 million in 2015, \$354 million in 2014, and \$345 million in 2013.

Table of Contents**5: FINANCINGS AND CAPITALIZATION**

Presented in the following table is CMS Energy's long-term debt at December 31:

	Interest Rate (%)	Maturity	<i>In Millions</i>	
			2015	2014
<b>CMS Energy parent</b>				
Senior notes	6.550	2017	\$ 250	\$ 250
	5.050	2018	250	250
	8.750	2019	300	300
	6.250	2020	300	300
	5.050	2022	300	300
	3.875	2024	250	250
	3.600	2025	250	-
	4.700	2043	250	250
	4.875	2044	300	300
Total CMS Energy senior notes			\$ 2,450	\$ 2,200
Term loan facility	variable <sup>1</sup>	2017	180	180
Total CMS Energy parent			\$ 2,630	\$ 2,380
<b>Consumers</b>			\$ 5,409	\$ 5,283
<b>Other CMS Energy subsidiaries</b>				
EnerBank certificates of deposit	1.3652	2016-2025	\$ 1,098	\$ 884
Total other CMS Energy subsidiaries			\$ 1,098	\$ 884
Total CMS Energy principal amount outstanding			\$ 9,137	\$ 8,547
Current amounts			(684)	(519)
Net unamortized discounts			(12)	(12)
Total CMS Energy long-term debt			\$ 8,441	\$ 8,016

<sup>1</sup> Outstanding borrowings bear interest at an annual interest rate of LIBOR plus 0.85 percent (1.19 percent at December 31, 2015).

<sup>2</sup> The weighted-average interest rate for EnerBank's certificates of deposit was 1.36 percent at December 31, 2015 and 1.22 percent at December 31, 2014. EnerBank's primary deposit product consists of brokered certificates of deposit with varying maturities and having a face value of \$1,000.

Table of Contents

Presented in the following table is Consumers long-term debt at December 31:

	Interest Rate (%)	Maturity	<i>In Millions</i>	
			2015	2014
<b>Consumers</b>				
FMBs <sup>1</sup>	2.600	2015	\$ -	\$ 50
	5.500	2016	173	173
	5.150	2017	250	250
	3.210	2017	100	100
	5.650	2018	250	250
	6.125	2019	350	350
	6.700	2019	500	500
	5.650	2020	300	300
	3.770	2020	100	100
	5.300	2022	250	250
	2.850	2022	375	375
	3.375	2023	325	325
	3.190	2024	52	52
	3.125	2024	250	250
	3.390	2027	35	35
	5.800	2035	175	175
	6.170	2040	50	50
	4.970	2040	50	50
	4.310	2042	263	263
	3.950	2043	425	425
	4.100	2045	250	-
	4.350	2064	250	250
			\$ 4,773	\$ 4,573
Securitization bonds	5.760	2015	-	49
	2.6892	2020-2029 <sup>3</sup>	353	378
			\$ 353	\$ 427
Senior notes	6.875	2018	180	180
Tax-exempt pollution control revenue bonds	various	2018-2035	103	103
Total Consumers principal amount outstanding			\$ 5,409	\$ 5,283
Current amounts			(198)	(124)
Net unamortized discounts			(5)	(5)
Total Consumers long-term debt			\$ 5,206	\$ 5,154

<sup>1</sup> The weighted-average interest rate for Consumers FMBs was 4.73 percent at December 31, 2015 and 4.75 percent at December 31, 2014.

<sup>2</sup> The weighted-average interest rate for Consumers Securitization bonds issued through its subsidiary Consumers 2014 Securitization Funding was 2.69 percent at December 31, 2015 and 2.60 percent at December 31, 2014.

3 Principal and interest payments are made semiannually.

## Edgar Filing: CMS ENERGY CORP - Form 10-K

### Table of Contents

**Financings:** Presented in the following table is a summary of major long-term debt transactions during the year ended December 31, 2015:

	Principal (In Millions)	Interest Rate	Issue/Retirement Date	Maturity Date
<i>Debt issuances</i>				
<b>CMS Energy parent</b>				
Senior notes	\$ 250	3.600 %	November 2015	November 2025
Total CMS Energy parent	\$ 250			
<b>Consumers</b>				
FMBs	\$ 250	4.100 %	November 2015	November 2045
Total Consumers	\$ 250			
Total CMS Energy	\$ 500			
<i>Debt retirements</i>				
<b>Consumers</b>				
FMBs	\$ 50	2.600 %	October 2015	October 2015
Total Consumers	\$ 50			
Total CMS Energy	\$ 50			

**FMBs:** Consumers secures its FMBs by a mortgage and lien on substantially all of its property. Consumers' ability to issue FMBs is restricted by certain provisions in the First Mortgage Bond Indenture and the need for regulatory approvals under federal law. Restrictive issuance provisions in the First Mortgage Bond Indenture include achieving a two-times interest coverage ratio and having sufficient unfunded net property additions.

**Regulatory Authorization for Financings:** Consumers is required to maintain FERC authorization for financings. In June 2014, Consumers received authorization from FERC to have outstanding, at any one time, up to \$800 million of secured and unsecured short-term securities for general corporate purposes. At December 31, 2015, Consumers had entered into short-term borrowing programs allowing it to issue up to \$800 million in short-term securities; \$249 million of securities were outstanding under these programs. FERC has also authorized Consumers to issue and sell up to \$1.9 billion of secured and unsecured long-term securities for general corporate purposes. The remaining availability was \$900 million at December 31, 2015. The authorizations were effective July 1, 2014 and terminate June 30, 2016. Any long-term issuances during the authorization period are exempt from FERC's competitive bidding and negotiated placement requirements.

**Securitization Bonds:** Certain regulatory assets held by Consumers' subsidiary, Consumers 2014 Securitization Funding, collateralize Consumers' Securitization bonds. The bondholders have no recourse to Consumers' assets except for those held by the subsidiary that issued the bonds. Consumers collects Securitization surcharges to cover the principal and interest on the bonds as well as certain other qualified costs. The surcharges collected are remitted to a trustee and are not available to creditors of Consumers or creditors of Consumers' affiliates other than the subsidiary that issued the bonds.

**Debt Maturities:** At December 31, 2015, the aggregate annual contractual maturities for long-term debt for the next five years were:

	<i>In Millions</i>				
	2016	2017	2018	2019	2020
<b>CMS Energy, including Consumers</b>					
Long-term debt	\$ 684	\$ 1,010	\$ 911	\$ 1,288	\$ 801

**Consumers**

Long-term debt	\$	198	\$	375	\$	523	\$	876	\$	426
----------------	----	-----	----	-----	----	-----	----	-----	----	-----

Table of Contents

**Revolving Credit Facilities:** The following secured revolving credit facilities with banks were available at December 31, 2015:

Expiration Date	Facility	Borrowed	Outstanding	Available
<b>CMS Energy parent</b>				
May 27, 2020 <sup>1</sup>	\$ 550	\$ -	\$ 1	\$ 549
<b>Consumers</b>				
May 27, 2020 <sup>2</sup>	\$ 650	\$ -	\$ 9	\$ 641
November 23, 2017 <sup>2,3</sup>	250	-	-	250
May 9, 2018 <sup>2</sup>	30	-	30	-

1 Obligations under this facility are secured by Consumers common stock.

2 Obligations under this facility are secured by FMBs of Consumers.

3 In November 2015, Consumers entered into a new \$250 million credit facility and terminated its \$250 million accounts receivable sales program.

**Short-term Borrowings:** Under Consumers' commercial paper program, Consumers may issue, in one or more placements, commercial paper notes with maturities of up to 365 days and that bear interest at fixed or floating rates. These issuances are supported by Consumers' \$650 million revolving credit facility and may have an aggregate principal amount outstanding of up to \$500 million. While the amount of outstanding commercial paper does not reduce the revolver's available capacity, Consumers would not issue commercial paper in an amount exceeding the available revolver capacity. At December 31, 2015, \$249 million of commercial paper notes with a weighted-average annual interest rate of 0.91 percent was outstanding under this program.

**Dividend Restrictions:** At December 31, 2015, payment of dividends by CMS Energy on its common stock was limited to \$3.9 billion under provisions of the Michigan Business Corporation Act of 1972.

Under the provisions of its articles of incorporation, at December 31, 2015, Consumers had \$884 million of unrestricted retained earnings available to pay dividends on its common stock to CMS Energy. Provisions of the Federal Power Act and the Natural Gas Act appear to restrict dividends payable by Consumers to the amount of Consumers' retained earnings. Several decisions from FERC suggest that under a variety of circumstances dividends from Consumers on its common stock would not be limited to amounts in Consumers' retained earnings. Any decision by Consumers to pay dividends on its common stock in excess of retained earnings would be based on specific facts and circumstances and would be subject to a formal regulatory filing process.

For the year ended December 31, 2015, Consumers paid \$474 million in dividends on its common stock to CMS Energy.

**Capitalization:** The authorized capital stock of CMS Energy consists of:

- 350 million shares of CMS Energy Common Stock, par value \$0.01 per share
- 10 million shares of CMS Energy Preferred Stock, par value \$0.01 per share

**Issuance of Common Stock:** In April 2015, CMS Energy entered into an updated continuous equity offering program permitting it to sell, from time to time in at the market offerings, common stock having an aggregate sales price of up to \$100 million. In 2015, CMS Energy issued 888,610 shares of common stock at an average price of \$33.76 per share, resulting in net proceeds of \$30 million.



Table of Contents

**Preferred Stock of Subsidiary:** Presented in the following table are details about Consumers' preferred stock outstanding:

	Series	Optional Redemption Price	Number of Shares Outstanding	Balance Outstanding (In Millions)	
				2015	2014
December 31					
Cumulative, \$100 par value, authorized 7,500,000 shares, with no mandatory redemption	\$ 4.50	\$ 110.00	373,148	\$ 37	\$ 37

## 6: FAIR VALUE MEASUREMENTS

Accounting standards define fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants. When measuring fair value, CMS Energy and Consumers are required to incorporate all assumptions that market participants would use in pricing an asset or liability, including assumptions about risk. A fair value hierarchy prioritizes inputs used to measure fair value according to their observability in the market. The three levels of the fair value hierarchy are as follows:

- Level 1 inputs are unadjusted quoted prices in active markets for identical assets or liabilities.
- Level 2 inputs are observable, market-based inputs, other than Level 1 prices. Level 2 inputs may include quoted prices for similar assets or liabilities in active markets, quoted prices in inactive markets, and inputs derived from or corroborated by observable market data.
- Level 3 inputs are unobservable inputs that reflect CMS Energy's or Consumers' own assumptions about how market participants would value their assets and liabilities.

To the extent possible, CMS Energy and Consumers use quoted market prices or other observable market pricing data in valuing assets and liabilities measured at fair value. If this information is unavailable, they use market-corroborated data or reasonable estimates about market participant assumptions. CMS Energy and Consumers classify fair value measurements within the fair value hierarchy based on the lowest level of input that is significant to the fair value measurement in its entirety.

Table of Contents**Assets and Liabilities Measured at Fair Value on a Recurring Basis**

Presented in the following table are CMS Energy's and Consumers' assets and liabilities recorded at fair value on a recurring basis:

December 31	CMS Energy, including Consumers		Consumers	
	2015	2014	2015	2014
<i>In Millions</i>				
<i>Assets</i> <sup>1</sup>				
Cash equivalents	\$ 158	\$ 110	\$ -	\$ 19
Restricted cash equivalents	19	38	19	38
CMS Energy common stock	-	-	29	38
Nonqualified deferred compensation plan assets	10	8	7	6
<i>DB SERP</i>				
Cash equivalents	2	4	2	3
Mutual funds	146	127	104	90
<i>Derivative instruments</i>				
Commodity contracts	1	2	1	2
<b>Total</b>	<b>\$ 336</b>	<b>\$ 289</b>	<b>\$ 162</b>	<b>\$ 196</b>
<i>Liabilities</i> <sup>1</sup>				
Nonqualified deferred compensation plan liabilities	\$ 10	\$ 8	\$ 7	\$ 6
<i>Derivative instruments</i>				
Commodity contracts	-	1	-	1
<b>Total</b>	<b>\$ 10</b>	<b>\$ 9</b>	<b>\$ 7</b>	<b>\$ 7</b>

<sup>1</sup> All assets and liabilities were classified as Level 1 with the exception of some commodity contracts, which were classified as Level 3 and which were insignificant at December 31, 2015 and 2014.

**Cash Equivalents:** Cash equivalents and restricted cash equivalents consist of money market funds with daily liquidity.

**Nonqualified Deferred Compensation Plan Assets and Liabilities:** The nonqualified deferred compensation plan assets consist of mutual funds, which are valued using the daily quoted NAVs that are publicly available and are the basis for transactions to buy or sell shares in each fund. CMS Energy and Consumers value their nonqualified deferred compensation plan liabilities based on the fair values of the plan assets, as they reflect what is owed to the plan participants in accordance with their investment elections. CMS Energy and Consumers report the assets in other non-current assets and the liabilities in other non-current liabilities on their consolidated balance sheets.

**DB SERP Assets:** CMS Energy and Consumers value their DB SERP assets using a market approach that incorporates quoted market prices. The DB SERP cash equivalents consist of a money market fund with daily liquidity. The DB SERP invests in mutual funds that hold primarily fixed-income instruments of varying maturities. In order to meet their investment objectives, the funds hold investment-grade debt securities, and may invest a portion of their assets in high-yield securities, foreign debt, and derivative instruments. CMS Energy and Consumers value these funds using the daily quoted NAVs that are publicly available and are the basis for transactions to buy or sell shares in each fund. CMS Energy and Consumers report their DB SERP assets in other non-current assets on their consolidated balance sheets. For additional details about DB SERP securities, see Note 7, Financial Instruments.

**Derivative Instruments:** CMS Energy and Consumers value their derivative instruments using either a market approach that incorporates information from market transactions, or an income approach that discounts future expected cash flows to a present value amount. CMS Energy values its exchange-traded

Table of Contents

derivative contracts based on Level 1 quoted prices. CMS Energy's and Consumers' remaining derivatives are classified as Level 3 since the fair value measurements incorporate assumptions that cannot be observed or confirmed through market transactions.

The majority of derivatives classified as Level 3 are FTRs held by Consumers. Due to the lack of quoted pricing information, Consumers determines the fair value of its FTRs based on Consumers' average historical settlements.

## Assets and Liabilities Measured at Fair Value on a Recurring Basis Using Significant Level 3 Inputs

Presented in the following table are reconciliations of changes in the fair values of Level 3 assets and liabilities at CMS Energy and Consumers:

	<i>In Millions</i>		
<b>CMS Energy, including Consumers</b>			
Balance at beginning of period	\$ 1	\$ 4	\$ 2
Total losses included in earnings <sup>1</sup>	(1)	-	-
Total gains (losses) offset through regulatory accounting	2	(15)	3
Purchases	1	(1)	-
Settlements	(2)	13	(1)
Balance at end of period	\$ 1	\$ 1	\$ 4
Unrealized losses included in earnings relating to assets and liabilities still held at end of period <sup>1</sup>	\$ -	\$ -	\$ (1)
<b>Consumers</b>			
Balance at beginning of period	\$ 1	\$ 4	\$ 2
Total gains (losses) offset through regulatory accounting	2	(15)	3
Purchases	-	(1)	-
Settlements	(2)	13	(1)
Balance at end of period	\$ 1	\$ 1	\$ 4

<sup>1</sup> CMS Energy records realized and unrealized gains and losses for Level 3 recurring fair value measurements in earnings as a component of operating revenue or purchased and interchange power on its consolidated statements of income.

Table of Contents**7: FINANCIAL INSTRUMENTS**

Presented in the following table are the carrying amounts and fair values, by level within the fair value hierarchy, of CMS Energy's and Consumers' financial instruments that are not recorded at fair value. The table does not include information on cash, cash equivalents, short-term accounts and notes receivable, short-term investments, and current liabilities since the carrying amounts of these items approximate their fair values because of their short-term nature. For information about assets and liabilities recorded at fair value and for additional details regarding the fair value hierarchy, see Note 6, Fair Value Measurements.

*In Millions*

	December 31, 2015				December 31, 2014					
	Carrying Amount	Total	Fair Value Level		Carrying Amount	Total	Fair Value Level			
			1	2			1	2	3	
<b>CMS Energy, including Consumers</b>										
Securities held to maturity	\$ 11	\$ 11	\$ -	\$ 11	\$ -	\$ 11	\$ 11	\$ -	\$ 11	\$ -
Notes payable <sup>1</sup>	14	14	-	-	14	-	-	-	-	-
Notes receivable <sup>2</sup>	1,161	1,228	-	-	1,228	938	995	-	-	995
Long-term debt <sup>3</sup>	9,125	9,599	-	8,648	951	8,535	9,285	-	8,252	1,033
<b>Consumers</b>										
Long-term debt <sup>4</sup>	\$ 5,404	\$ 5,684	\$ -	\$ 4,733	\$ 951	\$ 278	\$ 5,749	\$ -	\$ 4,716	\$ 1,033

<sup>1</sup> Includes current portion of notes payable of \$1 million at December 31, 2015.

<sup>2</sup> Includes current portion of notes receivable of \$144 million at December 31, 2015 and \$138 million at December 31, 2014.

<sup>3</sup> Includes current portion of long-term debt of \$684 million at December 31, 2015 and \$519 million at December 31, 2014.

<sup>4</sup> Includes current portion of long-term debt of \$198 million at December 31, 2015 and \$124 million at December 31, 2014.

Notes receivable consist of EnerBank's fixed-rate installment loans. EnerBank estimates the fair value of these loans using a discounted cash flows technique that incorporates market interest rates as well as assumptions about the remaining life of the loans and credit risk.

## Edgar Filing: CMS ENERGY CORP - Form 10-K

CMS Energy and Consumers estimate the fair value of their long-term debt using quoted prices from market trades of the debt, if available. In the absence of quoted prices, CMS Energy and Consumers calculate market yields and prices for the debt using a matrix method that incorporates market data for similarly rated debt. Depending on the information available, other valuation techniques and models may be used that rely on assumptions that cannot be observed or confirmed through market transactions.

The effects of third-party credit enhancements are excluded from the fair value measurements of long-term debt. At December 31, 2015 and 2014, CMS Energy's long-term debt included \$103 million principal amount that was supported by third-party credit enhancements. This entire principal amount was at Consumers.

Table of Contents

Presented in the following table are CMS Energy's and Consumers' investment securities classified as available for sale or held to maturity:

	December 31, 2015				December 31, 2014				<i>In Millions</i>
	Cost	Unrealized	Unrealized	Fair Value	Cost	Unrealized	Unrealized	Fair Value	
		Gains	Losses			Gains	Losses		
<b>CMS Energy, including Consumers</b>									
<i>Available for sale</i>									
<i>DB SERP</i>									
Mutual funds	\$ 152	\$ -	\$ 6	\$ 146	\$ 129	\$ -	\$ 2	\$ 127	
<i>Held to maturity</i>									
Debt securities	11	-	-	11	11	-	-	11	
<b>Consumers</b>									
<i>Available for sale</i>									
<i>DB SERP</i>									
Mutual funds	\$ 108	\$ -	\$ 4	\$ 104	\$ 92	\$ -	\$ 2	\$ 90	
CMS Energy common stock	4	25	-	29	5	33	-	38	

The mutual funds classified as available for sale hold primarily fixed-income instruments of varying maturities. Debt securities classified as held to maturity consist primarily of mortgage-backed securities and Utah Housing Corporation bonds held by EnerBank.

Presented in the following table is a summary of the sales activity for CMS Energy's and Consumers' investment securities:

Years Ended December 31	<i>In Millions</i>		
	2015	2014	2013
<b>CMS Energy, including Consumers</b>			
Proceeds from sales of investment securities	\$ 3	\$ 8	\$ 3
<b>Consumers</b>			
Proceeds from sales of investment securities	\$ 2	\$ 6	\$ 2

The sales proceeds for all periods represent sales of investments that were held within the DB SERP and classified as available for sale. Realized gains and losses on the sales were insignificant for CMS Energy and Consumers during each period.

Consumers recognized gains of \$9 million in 2015 and \$4 million in 2013 from transferring shares of CMS Energy common stock to a related charitable foundation. The gains reflected the excess of fair value over cost of the stock donated and were recorded in other income on Consumers' consolidated statements of income. The gains were eliminated on CMS Energy's consolidated statements of income.





Table of Contents**8: NOTES RECEIVABLE**

Presented in the following table are details of CMS Energy's current and non-current notes receivable:

December 31			<i>In Millions</i>	
			2015	2014
<b>CMS Energy, including Consumers</b>				
<i>Current</i>				
EnerBank notes receivable, net of allowance for loan losses	\$	128	\$	97
EnerBank notes receivable held for sale		16		41
Other		-		1
<i>Non-current</i>				
EnerBank notes receivable		1,017		800
Total notes receivable	\$	1,161	\$	939

EnerBank notes receivable are unsecured consumer installment loans for financing home improvements. EnerBank records its notes receivable at cost, less allowance for loan losses. In May 2015, EnerBank completed a sale of notes receivable, receiving proceeds of \$48 million and recording an insignificant gain. At December 31, 2015, \$16 million of notes receivable were classified as held for sale; the fair value of notes receivable held for sale exceeded their carrying value. These notes are expected to be sold in 2016.

The allowance for loan losses is a valuation allowance to reflect estimated credit losses. The allowance is increased by the provision for loan losses and decreased by loan charge-offs net of recoveries. Management estimates the allowance balance required by taking into consideration historical loan loss experience, the nature and volume of the portfolio, economic conditions, and other factors. Loan losses are charged against the allowance when the loss is confirmed, but no later than the point at which a loan becomes 120 days past due.

Presented in the following table are the changes in the allowance for loan losses:

Years Ended December 31	<i>In Millions</i>	
	2015	2014
Balance at beginning of period	\$ 8	\$ 5
Charge-offs	(8)	(6)
Recoveries	1	1
Provision for loan losses	8	8
Balance at end of period	\$ 9	\$ 8

Loans that are 30 days or more past due are considered delinquent. The balance of EnerBank's delinquent consumer loans was \$8 million at December 31, 2015 and \$5 million at December 31, 2014.

At December 31, 2015 and 2014, \$1 million of EnerBank's loans had been modified as troubled debt restructurings.

Table of Contents**9: PLANT, PROPERTY, AND EQUIPMENT**

Presented in the following table are details of CMS Energy's and Consumers' plant, property, and equipment:

December 31	Estimated Depreciable Life in Years		<i>In Millions</i>	
			2015	2014
<b>CMS Energy, including Consumers</b>				
<i>Electric</i>				
Generation	22	- 125	\$ 4,925	\$ 4,544
Distribution	20	- 75	6,809	6,487
Other	5	- 50	1,039	910
Assets under capital leases and financing obligation			286	289
<i>Gas</i>				
Distribution	28	- 80	3,497	3,239
Transmission	17	- 75	981	974
Underground storage facilities <sup>1</sup>	29	- 65	601	578
Other	5	- 50	630	538
Capital leases			14	6
<i>Enterprises</i>				
Independent power production	3	- 30	95	90
Other	3	- 40	25	25
Other	2	- 51	41	41
Construction work in progress			1,509	1,106
Less accumulated depreciation and amortization			(5,747)	(5,415)
Net plant, property, and equipment <sup>2</sup>			\$ 14,705	\$ 13,412
<b>Consumers</b>				
<i>Electric</i>				
Generation	22	- 125	\$ 4,925	\$ 4,544
Distribution	20	- 75	6,809	6,487
Other	5	- 50	1,039	910
Assets under capital leases and financing obligation			286	289
<i>Gas</i>				
Distribution	28	- 80	3,497	3,239
Transmission	17	- 75	981	974
Underground storage facilities <sup>1</sup>	29	- 65	601	578
Other	5	- 50	630	538
Capital leases			14	6
Other non-utility property	8	- 51	15	15
Construction work in progress			1,467	1,103
Less accumulated depreciation and amortization			(5,676)	(5,346)
Net plant, property, and equipment <sup>2</sup>			\$ 14,588	\$ 13,337

<sup>1</sup> Underground storage includes base natural gas of \$26 million at December 31, 2015 and 2014. Base natural gas is not subject to depreciation.

2 For the year ended December 31, 2015, utility plant additions were \$1.4 billion and utility plant retirements were \$187 million. For the year ended December 31, 2014, utility plant additions were \$1.6 billion and utility plant retirements were \$126 million.

**Capitalization:** CMS Energy and Consumers record plant, property, and equipment at original cost when placed into service. The cost includes labor, material, applicable taxes, overhead such as pension and

Table of Contents

other benefits, and AFUDC, if applicable. Consumers' plant, property, and equipment is generally recoverable through its general rate making process.

With the exception of utility property for which the remaining book value has been securitized, mothballed utility property stays in rate base and continues to be depreciated at the same rate as before the mothball period. When utility property is retired or otherwise disposed of in the ordinary course of business, Consumers records the original cost to accumulated depreciation, along with associated cost of removal, net of salvage. CMS Energy and Consumers recognize gains or losses on the retirement or disposal of non-regulated assets in income. Consumers records cost of removal collected from customers, but not spent, as a regulatory liability.

*Software:* CMS Energy and Consumers capitalize the costs to purchase and develop internal-use computer software. These costs are expensed evenly over the estimated useful life of the internal-use computer software. If computer software is integral to computer hardware, then its cost is capitalized and depreciated with the hardware.

*AFUDC:* Consumers capitalizes AFUDC on regulated major construction projects, except pollution control facilities on its fossil-fuel-fired power plants. AFUDC represents the estimated cost of debt and authorized return-on-equity funds used to finance construction additions. Consumers records the offsetting credit as a reduction of interest for the amount representing the borrowed funds component and as other income for the equity funds component on the consolidated statements of income. When construction is completed and the property is placed in service, Consumers depreciates and recovers the capitalized AFUDC from customers over the life of the related asset. Presented in the following table are Consumers' composite AFUDC capitalization rates:

Years Ended December 31	2015	2014	2013
AFUDC capitalization rate	7.1 %	7.2 %	7.3 %

**Electric Plant Purchase:** In December 2015, Consumers completed the purchase of a 540-MW natural gas-fueled electric generating plant located in Jackson, Michigan for \$155 million from AlphaGen Power LLC and DPC Juniper, LLC, affiliates of JPMorgan Chase & Co. Consumers purchased the plant to help address its future capacity requirements.

Consumers accounted for the purchase as a business combination and prepared a valuation analysis of the assets acquired and liabilities assumed to determine their fair values. The cash consideration of \$155 million was allocated based on the underlying fair values of the assets acquired, which were primarily plant, property, and equipment, and the liabilities assumed. No goodwill was recorded as a result of this purchase. The pro forma results of operations have not been presented, as the effects of the acquisition would not have been material to CMS Energy's or Consumers' consolidated results of operations in 2015.

**Assets Under Capital Leases and Financing Obligation:** Presented in the following table are further details about changes in Consumers' assets under capital leases and financing obligation:

*In Millions*

Edgar Filing: CMS ENERGY CORP - Form 10-K

Years Ended December 31	2015	2014
<b>Consumers</b>		
Balance at beginning of period	\$ 295	\$ 291
Additions	17	7
Net retirements and other adjustments	(12)	(3)
Balance at end of period	\$ 300	\$ 295

## Edgar Filing: CMS ENERGY CORP - Form 10-K

### Table of Contents

Assets under capital leases and financing obligation are presented as gross amounts. Accumulated amortization of assets under capital leases and financing obligation was \$152 million at December 31, 2015 and \$143 million at December 31, 2014 for Consumers.

**Depreciation and Amortization:** Presented in the following table are further details about CMS Energy's and Consumers' accumulated depreciation and amortization:

December 31	<i>In Millions</i>	
	2015	2014
<b>CMS Energy, including Consumers</b>		
Utility plant assets	\$ 5,674	\$ 5,345
Non-utility plant assets	73	70
<b>Consumers</b>		
Utility plant assets	\$ 5,674	\$ 5,345
Non-utility plant assets	2	1

Consumers depreciates utility property on an asset-group basis, in which it applies a single MPSC-approved depreciation rate to the gross investment in a particular class of property within the electric and gas segments. Consumers performs depreciation studies periodically to determine appropriate group lives. Presented in the following table are the composite depreciation rates for Consumers' segment properties:

Electric utility property	3.5 %	3.5 %	3.5 %
Other property	8.7	7.7	7.0

CMS Energy and Consumers record property repairs and minor property replacement as maintenance expense. CMS Energy and Consumers record planned major maintenance activities as operating expense unless the cost represents the acquisition of additional long-lived assets or the replacement of an existing long-lived asset.

Presented in the following table are the components of CMS Energy's and Consumers' depreciation and amortization expense:

Years Ended December 31	<i>In Millions</i>		
	2015	2014	2013
<b>CMS Energy, including Consumers</b>			
Depreciation expense - plant, property, and equipment	\$ 591	\$ 551	\$ 516
<i>Amortization expense</i>			
Software	70	50	40
Other intangible assets	4	4	3
Securitized regulatory assets	83	75	63
Other regulatory assets	2	5	6
Total depreciation and amortization expense	\$ 750	\$ 685	\$ 628
<b>Consumers</b>			

Edgar Filing: CMS ENERGY CORP - Form 10-K

Depreciation expense	plant, property, and equipment	\$	586	\$	546	\$	511
<i>Amortization expense</i>							
Software			69		49		39
Other intangible assets			4		3		3
Securitized regulatory assets			83		75		63
Other regulatory assets			2		5		6
Total depreciation and amortization expense		\$	744	\$	678	\$	622



Table of Contents

Amortization expense on intangible assets is expected to range between \$84 million and \$110 million per year over the next five years.

**Intangible Assets:** Included in net plant, property, and equipment are intangible assets. Presented in the following table are details about CMS Energy's and Consumers' intangible assets:

Description	Amortization Life in Years	December 31, 2015		December 31, 2014	
		Gross Cost <sup>1</sup>	Accumulated Amortization	Gross Cost <sup>1</sup>	Accumulated Amortization
<i>In Millions</i>					
<b>CMS Energy, including Consumers</b>					
Software development	2 - 15	\$ 734	\$ 294	\$ 596	\$ 223
Rights of way	50 - 75	153	46	150	44
Franchises and consents	5 - 30	15	8	15	8
Leasehold improvements	various <sup>2</sup>	7	5	5	4
Other intangibles	various	21	15	21	14
<b>Total</b>		<b>\$ 930</b>	<b>\$ 368</b>	<b>\$ 787</b>	<b>\$ 293</b>
<b>Consumers</b>					
Software development	3 - 15	\$ 729	\$ 291	\$ 594	\$ 221
Rights of way	50 - 75	153	46	150	44
Franchises and consents	5 - 30	15	8	15	8
Leasehold improvements	various <sup>2</sup>	7	5	5	4
Other intangibles	various	21	15	21	14
<b>Total</b>		<b>\$ 925</b>	<b>\$ 365</b>	<b>\$ 785</b>	<b>\$ 291</b>

<sup>1</sup> Net intangible asset additions for Consumers' utility plant were \$140 million during 2015 and \$96 million during 2014 and primarily represented software development costs.

<sup>2</sup> Leasehold improvements are amortized over the life of the lease, which may change whenever the lease is renewed or extended.

## Jointly Owned Regulated Utility Facilities

Presented in the following table are Consumers' investments in jointly owned regulated utility facilities at December 31, 2015:

	<i>In Millions, Except Ownership Share</i>		
	J.H. Campbell Unit 3	Ludington	Distribution
Ownership share	93.3 %	51.0 %	various
Utility plant in service	\$ 1,078	\$ 245	\$ 200
Accumulated depreciation	(542)	(151)	(63)

Edgar Filing: CMS ENERGY CORP - Form 10-K

Construction work in progress	494	157	4
Net investment	\$ 1,030	\$ 251	\$ 141

Consumers includes its share of the direct expenses of the jointly owned plants in operating expenses. Consumers shares operation, maintenance, and other expenses of these jointly owned utility facilities in proportion to each participant's undivided ownership interest. Consumers is required to provide only its share of financing for the jointly owned utility facilities.

Table of Contents**10: LEASES**

CMS Energy and Consumers lease various assets, including railcars, service vehicles, gas pipeline capacity, and buildings. In addition, CMS Energy and Consumers account for a number of their PPAs as capital and operating leases.

Operating leases for coal-carrying railcars have original lease terms ranging from one to 15 years, expiring without extension provisions over the next ten years and with extension provisions over the next 11 years. These leases contain fair market value extension and buyout provisions. Capital leases for Consumers' vehicle fleet operations have a maximum term of 120 months with some having end-of-lease rental adjustment clauses based on the proceeds received from the sale or disposition of the vehicles, and others having fixed percentage purchase options.

Consumers has capital leases for gas transportation pipelines to the D.E. Karn generating complex and Zeeland. The capital lease for the gas transportation pipeline into the D.E. Karn generating complex has a term of 15 years with a provision to extend the contract from month to month. The remaining term of the contract was six years at December 31, 2015. The capital lease for the gas transportation pipeline to Zeeland has a term of five years with a renewal provision of an additional five years at the end of the contract. The remaining term of the contract was two years at December 31, 2015. The remaining terms of Consumers' long-term PPAs accounted for as leases range between one and 17 years. Most of these PPAs contain provisions at the end of the initial contract terms to renew the agreements annually.

Presented in the following table are Consumers' minimum lease expense and contingent rental expense. For each of the years ended December 31, 2015, 2014, and 2013, all of CMS Energy's minimum lease expense and contingent rental expense were attributable to Consumers.

Years Ended December 31	2015	2014	<i>In Millions</i> 2013
<b>Consumers</b>			
<i>Minimum operating lease expense</i>			
PPAs	\$ 6	\$ 6	\$ 6
Other agreements	19	19	21
Contingent rental expense <sup>1</sup>	82	85	77

<sup>1</sup> Contingent rental expense is related to capital and operating lease PPAs and is based on delivery of energy and capacity in excess of minimum lease payments.

Consumers is authorized by the MPSC to record operating lease payments as operating expense and recover the total cost from customers.

Table of Contents

Presented in the following table are the minimum annual rental commitments under Consumers' non-cancelable leases at December 31, 2015. All of CMS Energy's non-cancelable leases at December 31, 2015 were attributable to Consumers.

	Capital Leases	Financing <sup>1</sup>	<i>In Millions</i> Operating Leases
<b>Consumers</b>			
2016	\$ 14	\$ 17	\$ 20
2017	14	17	19
2018	13	16	16
2019	13	15	10
2020	11	14	10
2021 and thereafter	36	17	29
Total minimum lease payments	\$ 101	\$ 96	\$ 104
Less imputed interest	43	14	
Present value of net minimum lease payments	\$ 58	\$ 82	
Less current portion	9	13	
Non-current portion	\$ 49	\$ 69	

<sup>1</sup> In 2007, Consumers sold Palisades to Entergy and entered into a 15-year PPA to buy all of the capacity and energy then capable of being produced by Palisades. Consumers has continuing involvement with Palisades through security provided to Entergy for Consumers' PPA obligation and other arrangements. Because of these ongoing arrangements, Consumers accounted for the transaction as a financing of Palisades and not a sale. Accordingly, no gain on the sale of Palisades was recognized on the consolidated statements of income. Consumers accounted for the remaining non-real-estate assets and liabilities associated with the transaction as a sale.

Palisades remains on Consumers' consolidated balance sheets and Consumers continues to depreciate it. Consumers recorded the related proceeds as a financing obligation with payments recorded to interest expense and the financing obligation based on the amortization of the obligation over the life of the Palisades PPA. The value of the financing obligation was determined based on an allocation of the transaction proceeds to the fair values of the net assets sold and fair value of the plant asset under the financing. Total amortization and interest charges under the financing were \$18 million for the year ended December 31, 2015, \$19 million for the year ended December 31, 2014, and \$20 million for the year ended December 31, 2013.

## 11: ASSET RETIREMENT OBLIGATIONS

CMS Energy and Consumers record the fair value of the cost to remove assets at the end of their useful lives, if there is a legal obligation to remove them. If a reasonable estimate of fair value cannot be made in the period in which the ARO is incurred, such as for assets with indeterminate lives, the liability is recognized when a reasonable estimate of fair value can be made. CMS Energy and Consumers have not recorded liabilities for assets that have insignificant cumulative disposal costs, such as substation batteries.

In 2015, Consumers increased its ARO liability for coal ash disposal areas. The increase was attributable to proposed changes in state regulations based on the EPA's final rule regarding CCRs, which provided Consumers with sufficient information to reasonably estimate an

additional ARO liability associated with closure work at certain waste management facilities. For additional details, see Note 4, Contingencies and Commitments Consumers Electric Utility Contingencies Electric Environmental Matters.

Edgar Filing: CMS ENERGY CORP - Form 10-K

Table of Contents

Presented below are the categories of assets that CMS Energy and Consumers have legal obligations to remove at the end of their useful lives and for which they have an ARO liability recorded:

Company and ARO Description	In-Service Date	Long-Lived Assets
<b>CMS Energy, including Consumers</b>		
Closure of gas treating plant and gas wells	Various	Gas transmission and storage
Closure of coal ash disposal areas	Various	Generating plants coal ash areas
Gas distribution cut, purge, and cap	Various	Gas distribution mains and services
Asbestos abatement	1973	Electric and gas utility plant
Closure of wind parks	2012, 2014	Wind generation facilities
<b>Consumers</b>		
Closure of coal ash disposal areas	Various	Generating plants coal ash areas
Gas distribution cut, purge, and cap	Various	Gas distribution mains and services
Asbestos abatement	1973	Electric and gas utility plant
Closure of wind parks	2012, 2014	Wind generation facilities

No assets have been restricted for purposes of settling AROs.

Presented in the following tables are the changes in CMS Energy's and Consumers' ARO liabilities:

Company and ARO Description	In Millions						ARO Liability 12/31/2015
	ARO Liability 12/31/2014	Incurred	Settled	Accretion	Cash flow Revisions		
<b>CMS Energy, including Consumers</b>							
Consumers	\$ 339	\$ 11	\$ (6)	\$ 20	\$ 74	\$ 438	
Gas treating plant and gas wells	1	-	-	-	-	1	
Total CMS Energy	\$ 340	\$ 11	\$ (6)	\$ 20	\$ 74	\$ 439	
<b>Consumers</b>							
Coal ash disposal areas	\$ 120	\$ -	\$ -	\$ 6	\$ 74	\$ 200	
Gas distribution cut, purge, and cap	162	11	(6)	11	-	178	
Asbestos abatement	51	-	-	3	-	54	
Wind parks	6	-	-	-	-	6	
Total Consumers	\$ 339	\$ 11	\$ (6)	\$ 20	\$ 74	\$ 438	

Company and ARO Description	In Millions						ARO Liability 12/31/2014
	ARO Liability 12/31/2013	Incurred	Settled	Accretion	Cash flow Revisions		
<b>CMS Energy, including Consumers</b>							
Consumers	\$ 324	\$ 9	\$ (12)	\$ 18	\$ -	\$ 339	
Gas treating plant and gas wells	1	-	-	-	-	1	
Total CMS Energy	\$ 325	\$ 9	\$ (12)	\$ 18	\$ -	\$ 340	
<b>Consumers</b>							
Coal ash disposal areas	\$ 118	\$ -	\$ (3)	\$ 5	\$ -	\$ 120	
Gas distribution cut, purge, and cap	154	6	(8)	10	-	162	
Asbestos abatement	49	-	(1)	3	-	51	

Edgar Filing: CMS ENERGY CORP - Form 10-K

Wind parks		3		3		-		-		-		6
Total Consumers	\$	324	\$	9	\$	(12)	\$	18	\$	-	\$	339

126

---

Table of Contents

## 12: RETIREMENT BENEFITS

**Benefit Plans:** CMS Energy and Consumers provide pension, OPEB, and other retirement benefits to employees under a number of different plans. These plans include:

- a non-contributory, qualified DB Pension Plan (closed to new non-union participants as of July 1, 2003 and closed to new union participants as of September 1, 2005)
- a qualified Cash Balance Pension Plan for certain employees hired between July 1, 2003 and August 31, 2005
- a non-contributory, qualified DCCP for employees hired on or after September 1, 2005
- benefits to certain management employees under a non-contributory, nonqualified DB SERP (closed to new participants as of March 31, 2006)
- a non-contributory, non-qualified DC SERP for certain management employees hired or promoted on or after April 1, 2006
- a contributory, qualified defined contribution 401(k) plan
- health care and life insurance benefits under an OPEB Plan

*DB Pension Plan:* Participants in the DB Pension Plan include present and former employees of CMS Energy and Consumers, including certain present and former affiliates and subsidiaries. DB Pension Plan trust assets are not distinguishable by company.

*DCCP and Cash Balance Pension Plan:* CMS Energy and Consumers provide an employer contribution of six percent of base pay to the DCCP 401(k) plan for employees hired on or after September 1, 2005. Employees are not required to contribute in order to receive the plan's employer contribution.

Participants in the Cash Balance Pension Plan, effective July 1, 2003 to August 31, 2005, also participate in the DCCP as of September 1, 2005. Additional pay credits under the Cash Balance Pension Plan were discontinued as of September 1, 2005. DCCP expense for CMS Energy and Consumers was \$16 million for the year ended December 31, 2015, \$13 million for the year ended December 31, 2014, and \$10 million for the year ended December 31, 2013.

*DB SERP:* The DB SERP is a non-qualified plan as defined by the Internal Revenue Code. DB SERP benefits are paid from a rabbi trust established in 1988. DB SERP rabbi trust earnings are taxable. Presented in the following table are the fair values of trust assets, ABO, and contributions for CMS Energy's and Consumers' DB SERP:



Edgar Filing: CMS ENERGY CORP - Form 10-K

Years Ended December 31	2015	<i>In Millions</i> 2014
<b>CMS Energy, including Consumers</b>		
Trust assets	\$ 148	\$ 131
ABO	140	145
Contributions	25	-
<b>Consumers</b>		
Trust assets	\$ 106	\$ 93
ABO	97	99
Contributions	17	-

*DC SERP:* On April 1, 2006, CMS Energy and Consumers implemented a DC SERP and froze further new participation in the DB SERP. The DC SERP provides participants benefits ranging from 5 percent to 15 percent of total compensation. The DC SERP requires a minimum of five years of participation before vesting. CMS Energy's and Consumers' contributions to the plan, if any, are placed in a grantor trust. For CMS Energy and Consumers, trust assets were \$2 million at December 31, 2015 and 2014. DC SERP assets are included in other non-current assets on CMS Energy's and Consumers' consolidated

Table of Contents

balance sheets. CMS Energy's and Consumers' DC SERP expense was less than \$1 million for each of the years ended December 31, 2015, 2014, and 2013.

*401(k) Plan:* The 401(k) plan employer match equals 60 percent of eligible contributions up to the first six percent of an employee's wages. The total 401(k) plan cost for CMS Energy, including Consumers, and for Consumers was \$19 million for the year ended December 31, 2015, \$18 million for the year ended December 31, 2014, and \$17 million for the year ended December 31, 2013.

*OPEB Plan:* Participants in the OPEB Plan include all regular full-time employees covered by the employee health care plan on the day before retirement from either CMS Energy or Consumers at age 55 or older with at least ten full years of applicable continuous service. Regular full-time employees who qualify for DB Pension Plan disability retirement and have 15 years of applicable continuous service may also participate in the OPEB Plan. Retiree health care costs were based on the assumption that costs would increase 7.25 percent in 2016 and 6.50 percent in 2015 for those under 65 and would increase 8.00 percent in 2016 and 6.50 percent in 2015 for those over 65. The rate of increase was assumed to decline to 4.75 percent by 2027 and thereafter for all retirees.

The assumptions used in the health care cost-trend rate affect service, interest, and PBO costs. Presented in the following table are the effects of a one-percentage-point change in the health care cost-trend assumption:

Year Ended December 31, 2015	One Percentage Point Increase	<i>In Millions</i> One Percentage Point Decrease
<b>CMS Energy, including Consumers</b>		
Effect on total service and interest cost component	\$ 11	\$ (9)
Effect on PBO	168	(137)
<b>Consumers</b>		
Effect on total service and interest cost component	\$ 11	\$ (9)
Effect on PBO	164	(133)

Table of Contents

**Assumptions:** Presented in the following table are the weighted-average assumptions used in CMS Energy's and Consumers' retirement benefits plans to determine benefit obligations and net periodic benefit cost:

December 31	2015	2014	2013
<b>CMS Energy, including Consumers</b>			
<i>Weighted average for benefit obligations<sup>1</sup></i>			
<i>Discount rate<sup>2</sup></i>			
DB Pension Plan	4.52%	4.10%	4.90%
DB SERP	4.43	4.10	4.90
OPEB Plan	4.70	4.30	5.10
<i>Rate of compensation increase</i>			
DB Pension Plan	3.00	3.00	3.00
DB SERP	5.50	5.50	5.50
<i>Weighted average for net periodic benefit cost<sup>1</sup></i>			
<i>Discount rate<sup>2,3</sup></i>			
DB Pension Plan	4.10	4.90	4.10
DB SERP	4.10	4.90	4.10
OPEB Plan	4.30	5.10	4.40
<i>Expected long-term rate of return on plan assets<sup>4</sup></i>			
DB Pension Plan	7.50	7.50	7.75
OPEB Plan	7.25	7.25	7.25
<i>Rate of compensation increase</i>			
DB Pension Plan	3.00	3.00	3.00
DB SERP	5.50	5.50	5.50

<sup>1</sup> The mortality assumption for 2015 and 2014 for benefit obligations was based on the RP-2014 mortality table, with projection scales MP-2015 for 2015 and MP-2014 for 2014. The mortality assumption for 2013 was based on the RP-2000 mortality tables with projection of future mortality improvements using Scale AA, which aligned with the IRS prescriptions for cash funding valuations under the Pension Protection Act of 2006. The mortality assumption for net periodic benefit cost for 2015 was based on the RP-2014 mortality table with projection scale MP-2014, and for 2014 and 2013 was based on the RP-2000 mortality table.

<sup>2</sup> The discount rate reflects the rate at which benefits could be effectively settled and is equal to the equivalent single rate resulting from a yield-curve analysis. This analysis incorporated the projected benefit payments specific to CMS Energy's and Consumers' DB Pension Plan and OPEB Plan and the yields on high-quality corporate bonds rated Aa or better.

<sup>3</sup> In January 2016, CMS Energy and Consumers changed the method in which they determine the discount rate used to calculate the service cost and interest expense components of net periodic benefit costs for the DB Pension and OPEB Plans. Historically, the discount rate used for this purpose represented a single weighted-average rate derived from the yield curve used to determine the benefit obligation. CMS Energy and Consumers have elected to use instead a full-yield-curve approach in the estimation of service cost and interest expense; this approach is more accurate in that it applies individual spot rates along the yield curve to future projected benefit payments based on the time of payment. CMS Energy and Consumers expect that this change will result in a

decrease in the service cost and interest expense components of net periodic benefit costs for the DB Pension and OPEB Plans, with an offsetting impact to the actuarial gain or loss recorded in, and later amortized from, the associated regulatory asset and AOCI. This change represents a change in accounting estimate and will not impact years prior to 2016.

4 CMS Energy and Consumers determined the long-term rate of return using historical market returns, the present and expected future economic environment, the capital market principles of risk and return, and the expert opinions of individuals and firms with financial market knowledge. CMS Energy and Consumers considered the asset allocation of the portfolio in forecasting the future expected total return of the portfolio. The goal was to determine a long-term rate of return that could be incorporated into the planning

Edgar Filing: CMS ENERGY CORP - Form 10-K

Table of Contents

of future cash flow requirements in conjunction with the change in the liability. Annually, CMS Energy and Consumers review for reasonableness and appropriateness the forecasted returns for various classes of assets used to construct an expected return model. CMS Energy and Consumers' expected long-term rate of return on DB Pension Plan assets was 7.5 percent in 2015. The actual return (loss) on DB Pension Plan assets was (2.0) percent in 2015, 7.4 percent in 2014, and 12.5 percent in 2013.

**Costs:** Presented in the following table are the costs (credits) and other changes in plan assets and benefit obligations incurred in CMS Energy and Consumers' retirement benefits plans:

Years Ended December 31	DB Pension Plan and DB SERP			OPEB Plan			<i>In Millions</i>	
	2015	2014	2013	2015	2014	2013		
<b>CMS Energy, including Consumers</b>								
<i>Net periodic cost (credit)</i>								
Service cost	\$ 50	\$ 42	\$ 54	\$ 25	\$ 20	\$ 29		
Interest expense	108	105	100	58	56	65		
Expected return on plan assets	(138)	(135)	(127)	(91)	(88)	(77)		
<i>Amortization of:</i>								
Net loss	97	60	101	21	2	26		
Prior service cost (credit)	1	1	3	(41)	(41)	(31)		
Net periodic cost (credit)	\$ 118	\$ 73	\$ 131	\$ (28)	\$ (51)	\$ 12		
<b>Consumers</b>								
<i>Net periodic cost (credit)</i>								
Service cost	\$ 49	\$ 41	\$ 52	\$ 25	\$ 20	\$ 28		
Interest expense	103	100	96	56	54	63		
Expected return on plan assets	(134)	(131)	(124)	(86)	(83)	(72)		
<i>Amortization of:</i>								
Net loss	93	59	98	22	3	27		
Prior service cost (credit)	1	1	3	(40)	(40)	(30)		
Net periodic cost (credit)	\$ 112	\$ 70	\$ 125	\$ (23)	\$ (46)	\$ 16		

Presented in the following table are the estimated net loss and prior service cost (credit) that will be amortized into net periodic benefit cost in 2016 from or to the associated regulatory asset and AOCI:

	DB Pension Plan	OPEB Plan	<i>In Millions</i>
<b>CMS Energy, including Consumers</b>			
Regulatory asset	\$ 72	\$ (18)	
AOCI	1	(2)	
<b>Consumers</b>			
Regulatory asset	\$ 72	\$ (18)	

CMS Energy and Consumers amortize net gains and losses in excess of ten percent of the greater of the PBO or the MRV over the average remaining service period. The estimated period of amortization of gains and losses for CMS Energy and Consumers was ten years for the DB Pension Plan and 13 years for OPEB for the years ended December 31, 2015, 2014, and 2013. Prior service cost (credit) amortization is established in the year in which the prior service cost (credit) first occurred, and is based on the same amortization period for all future years until the prior service cost (credit) is fully amortized. CMS Energy and Consumers had a new prior service credit for OPEB in 2015 and 2013 and new prior service cost for the DB Pension Plan in 2015. The estimated period of amortization of these new prior service costs (credits) for

CMS Energy and Consumers is ten years.

Edgar Filing: CMS ENERGY CORP - Form 10-K

Table of Contents

**Reconciliations:** Presented in the following table are reconciliations of the funded status of CMS Energy's and Consumers' retirement benefits plans with their retirement benefits plans' liabilities:

Years Ended December 31	DB Pension Plan		DB SERP		<i>In Millions</i> OPEB Plan	
	2015	2014	2015	2014	2015	2014
<b>CMS Energy, including Consumers</b>						
Benefit obligation at beginning of period	\$ 2,547	\$ 2,073	\$ 156	\$ 132	\$ 1,378	\$ 1,123
Service cost	49	41	1	1	25	20
Interest cost	102	99	6	6	58	56
Plan amendments	13	-	-	-	(25)	-
Actuarial (gain) loss	(153)	4581	(5)	24	(152)	2301
Benefits paid	(155)	(124)	(8)	(7)	(57) <sup>2</sup>	(51) <sup>2</sup>
Benefit obligation at end of period	\$ 2,403	\$ 2,547	\$ 150	\$ 156	\$ 1,227	\$ 1,378
Plan assets at fair value at beginning of period	\$ 1,979	\$ 1,964	\$ -	\$ -	\$ 1,265	\$ 1,218
Actual return on plan assets	(36)	139	-	-	(29)	72
Company contribution	225	-	8	7	29	25
Actual benefits paid	(155)	(124)	(8)	(7)	(57) <sup>2</sup>	(50) <sup>2</sup>
Plan assets at fair value at end of period	\$ 2,013	\$ 1,979	\$ -	\$ -	\$ 1,208	\$ 1,265
Funded status	\$ (390) <sup>3</sup>	\$ (568) <sup>3</sup>	\$ (150)	\$ (156)	\$ (19)	\$ (113)
<b>Consumers</b>						
Benefit obligation at beginning of period			\$ 111	\$ 93	\$ 1,336	\$ 1,088
Service cost			1	1	25	20
Interest cost			4	4	56	54
Plan amendments			-	-	(24)	-
Actuarial (gain) loss			(5)	17	(150)	2231
Benefits paid			(5)	(4)	(55) <sup>2</sup>	(49) <sup>2</sup>
Benefit obligation at end of period			\$ 106	\$ 111	\$ 1,188	\$ 1,336
Plan assets at fair value at beginning of period			\$ -	\$ -	\$ 1,186	\$ 1,141
Actual return on plan assets			-	-	(27)	68
Company contribution			5	4	29	25
Actual benefits paid			(5)	(4)	(55) <sup>2</sup>	(48) <sup>2</sup>
Plan assets at fair value at end of period			\$ -	\$ -	\$ 1,133	\$ 1,186
Funded status			\$ (106)	\$ (111)	\$ (55)	\$ (150)

<sup>1</sup> The actuarial loss for 2014 was primarily the result of lowering the discount rates used in calculating the plans' obligations and using the RP-2014 mortality table during the annual measurement of benefit obligations.

<sup>2</sup> CMS Energy received less than \$1 million in 2015, \$4 million in 2014, and \$5 million in 2013 for the Medicare Part D subsidies. Consumers received less than \$1 million in 2015 and \$4 million in each of 2014 and 2013 for the Medicare Part D subsidies. The Medicare Part D subsidy payments are used to pay OPEB Plan benefits.

<sup>3</sup> At December 31, 2015, \$368 million of the total funded status of the DB Pension Plan was attributable to Consumers, based on an allocation of expenses. At December 31, 2014, \$532 million of the total funded status of the DB Pension Plan was attributable to Consumers, based on an allocation of expenses.



Table of Contents

Presented in the following table is the classification of CMS Energy's and Consumers' retirement benefit plans' assets (liabilities):

December 31	2015	<i>In Millions</i> 2014
<b>CMS Energy, including Consumers</b>		
<i>Current assets (liabilities)</i>		
DB SERP	\$ (8)	\$ (8)
<i>Non-current assets (liabilities)</i>		
DB Pension Plan	(390)	(568)
DB SERP	(142)	(148)
OPEB Plan	(19)	(113)
<b>Consumers</b>		
<i>Current assets (liabilities)</i>		
DB SERP	\$ (5)	\$ (5)
<i>Non-current assets (liabilities)</i>		
DB Pension Plan	(368)	(532)
DB SERP	(101)	(106)
OPEB Plan	(55)	(150)

Presented in the following table are the DB Pension Plan PBO, ABO, and fair value of plan assets:

December 31	2015	<i>In Millions</i> 2014
<b>CMS Energy, including Consumers</b>		
DB Pension Plan PBO	\$ 2,403	\$ 2,547
DB Pension Plan ABO	2,140	2,257
Fair value of DB Pension Plan assets	2,013	1,979

Table of Contents

**Items Not Yet Recognized as a Component of Net Periodic Benefit Cost:** Presented in the following table are the amounts recognized in regulatory assets and AOCI that have not been recognized as components of net periodic benefit cost. For additional details on regulatory assets and liabilities, see Note 3, Regulatory Matters.

*In Millions*

Years Ended December 31	DB Pension Plan and DB SERP		OPEB Plan	
	2015	2014	2015	2014
<b>CMS Energy, including Consumers</b>				
<i>Regulatory assets</i>				
Net loss	\$ 944	\$ 1,012	\$ 360	\$ 419
Prior service cost (credit)	19	7	(227)	(243)
Regulatory assets	\$ 963	\$ 1,019	\$ 133	\$ 176
<i>AOCI</i>				
Net loss (gain)	86	99	(11)	(18)
Prior service cost (credit)	1	1	(8)	(8)
Total amounts recognized in regulatory assets and AOCI	\$ 1,050	\$ 1,119	\$ 114	\$ 150
<b>Consumers</b>				
<i>Regulatory assets</i>				
Net loss	\$ 944	\$ 1,012	\$ 360	\$ 419
Prior service cost (credit)	19	7	(227)	(243)
Regulatory assets	\$ 963	\$ 1,019	\$ 133	\$ 176
<i>AOCI</i>				
Net loss (gain)	29	39	-	-
Total amounts recognized in regulatory assets and AOCI	\$ 992	\$ 1,058	\$ 133	\$ 176

**Plan Assets:** Presented in the following tables are the fair values of CMS Energy's and Consumers' DB Pension Plan and OPEB Plan assets, by asset category and by level within the fair value hierarchy. For additional details regarding the fair value hierarchy, see Note 6, Fair Value Measurements.

*In Millions*

	DB Pension Plan					
	December 31, 2015			December 31, 2014		
	Total	Level 1	Level 2	Total	Level 1	Level 2
<b>CMS Energy, including Consumers</b>						
<i>Asset category</i>						
Cash and short-term investments	\$ 215	\$ 215	\$ -	\$ 31	\$ 31	\$ -
U.S. government and agencies securities	19	-	19	30	-	30
Corporate debt	243	-	243	222	-	222
State and municipal bonds	8	-	8	8	-	8
Foreign corporate bonds	16	-	16	21	-	21
Mutual funds	538	538	-	598	598	-
Pooled funds	974	-	974	1,069	-	1,069
Total	\$ 2,013	\$ 753	\$ 1,260	\$ 1,979	\$ 629	\$ 1,350



Table of Contents

*In Millions*

	December 31, 2015			OPEB Plan			December 31, 2014		
	Total	Level 1	Level 2	Total	Level 1	Level 2	Total	Level 1	Level 2
<b>CMS Energy, including Consumers</b>									
<i>Asset category</i>									
Cash and short-term investments	\$ 51	\$ 51	\$ -	\$ 19	\$ 19	\$ -			
U.S. government and agencies securities	3	-	3	5	-	5			
Corporate debt	34	-	34	33	-	33			
State and municipal bonds	1	-	1	1	-	1			
Foreign corporate bonds	2	-	2	3	-	3			
Common stocks	54	54	-	69	69	-			
Mutual funds	456	456	-	438	438	-			
Pooled funds	607	-	607	697	-	697			
Total	\$ 1,208	\$ 561	\$ 647	\$ 1,265	\$ 526	\$ 739			
<b>Consumers</b>									
<i>Asset category</i>									
Cash and short-term investments	\$ 48	\$ 48	\$ -	\$ 18	\$ 18	\$ -			
U.S. government and agencies securities	3	-	3	4	-	4			
Corporate debt	32	-	32	31	-	31			
State and municipal bonds	1	-	1	1	-	1			
Foreign corporate bonds	2	-	2	3	-	3			
Common stocks	51	51	-	65	65	-			
Mutual funds	427	427	-	411	411	-			
Pooled funds	569	-	569	653	-	653			
Total	\$ 1,133	\$ 526	\$ 607	\$ 1,186	\$ 494	\$ 692			

*Cash and Short-Term Investments:* Cash and short-term investments consist of money market funds with daily liquidity.

*U.S. Government and Agencies Securities:* U.S. government and agencies securities consist of U.S. Treasury notes and other debt securities backed by the U.S. government and related agencies. These securities were valued based on quoted market prices.

*Corporate Debt:* Corporate debt investments consisted of investment grade bonds of U.S. issuers from diverse industries. These securities are valued based on quoted market prices, when available, or yields presently available on comparable securities of issuers with similar credit ratings.

*State and Municipal Bonds:* State and municipal bonds were valued using a matrix-pricing model that incorporates Level 2 market-based information. The fair value of the bonds was derived from various observable inputs, including benchmark yields, reported securities trades, broker/dealer quotes, bond ratings, and general information on market movements for investment grade state and municipal securities normally considered by market participants when pricing such debt securities.

*Foreign Corporate Bonds:* Foreign corporate debt securities were valued based on quoted market prices, when available, or on yields available on comparable securities of issuers with similar credit ratings.



Table of Contents

*Common Stocks:* Common stocks in the OPEB Plan consist of equity securities with low transaction costs that were actively managed and tracked by the S&P 500 Index. These securities were valued at their quoted closing prices.

*Mutual Funds:* Mutual funds represent shares in registered investment companies that are priced based on the daily quoted NAVs that are publicly available and are the basis for transactions to buy or sell shares in the funds.

*Pooled Funds:* Pooled funds include both common and collective trust funds as well as special funds that contain only employee benefit plan assets from two or more unrelated benefit plans. Presented in the following table are the investment components of these funds:

December 31	DB Pension Plan		OPEB Plan		2014
	2015	%	2014	2015	
U.S. equity securities	62	%	64	58	62
Foreign equity securities	18		16	13	12
U.S. fixed-income securities	11		9	22	18
Foreign fixed-income securities	6		6	5	5
Alternative investments	3		5	2	3
	100	%	100	100	100

These investments were valued at the quoted NAV provided by the fund managers that is the basis for transactions to buy or sell shares in the funds.

*Target Asset Allocations:* CMS Energy's target asset allocation for DB Pension Plan assets is 50 percent equity, 30 percent fixed income, and 20 percent alternative-strategy investments. This target asset allocation is expected to continue to maximize the long-term return on plan assets, while maintaining a prudent level of risk. The level of acceptable risk is a function of the liabilities of the plan. Equity investments are diversified mostly across the S&P 500 Index, with lesser allocations to the S&P MidCap and SmallCap Indexes and Foreign Equity Funds. Fixed-income investments are diversified across investment grade instruments of government and corporate issuers as well as high-yield and global bond funds. Alternative strategies are diversified across absolute return investment approaches and global tactical asset allocation. CMS Energy and Consumers use annual liability measurements, quarterly portfolio reviews, and periodic asset/liability studies to evaluate the need for adjustments to the portfolio allocation.

CMS Energy and Consumers established union and non-union VEBA trusts to fund their future retiree health and life insurance benefits. These trusts are funded through the ratemaking process for Consumers and through direct contributions from the non-utility subsidiaries. CMS Energy's and Consumers' target asset allocation for the trusts is 50 percent equity, 30 percent fixed income, and 20 percent alternative strategy investments. This target allocation is expected to continue to maximize the long-term return on plan assets, while maintaining a prudent level of risk. The level of acceptable risk is a function of the liabilities of the plan. Equity investments are diversified mostly across the S&P 500 Index, with lesser allocations to the S&P SmallCap Index and Foreign Equity Funds. Fixed-income investments are diversified across investment grade instruments of government and corporate issuers. Alternative strategies are diversified across absolute return investment approaches and global tactical asset allocation. CMS Energy and Consumers use annual liability measurements, quarterly portfolio reviews, and periodic asset/liability studies to evaluate the need for adjustments to the portfolio allocation.



Table of Contents

**Contributions:** Presented in the following table are the contributions to CMS Energy's and Consumers' OPEB Plan and DB Pension Plan:

Years Ended December 31	<i>In Millions</i>	
	2015	2014
<b>CMS Energy, including Consumers</b>		
<i>OPEB Plan</i>		
VEBA trust	\$ 29	\$ 16
401(h) component	-	9
	\$ 29	\$ 25
DB Pension Plan	\$ 225	\$ -
<b>Consumers</b>		
<i>OPEB Plan</i>		
VEBA trust	\$ 29	\$ 16
401(h) component	-	9
	\$ 29	\$ 25
DB Pension Plan	\$ 209	\$ -

Contributions comprise required amounts and discretionary contributions. Neither CMS Energy nor Consumers plans to contribute to the OPEB or DB Pension Plans in 2016. Actual future contributions will depend on future investment performance, discount rates, and various factors related to the DB Pension Plan and OPEB Plan participants.

Following amendments to the OPEB Plan in July 2013, Consumers' OPEB costs decreased substantially and, as a result, the OPEB Plan was fully funded at December 31, 2013. In May 2014, Consumers filed an application with the MPSC requesting approval to suspend contributions to Consumers' OPEB Plan during 2014 and 2015 if the OPEB Plan continued to be fully funded. Consumers' electric and gas rates still reflect the higher OPEB costs, and previous MPSC orders required Consumers to contribute to the OPEB Plan the associated amount collected in rates annually.

In September 2014, the MPSC approved a settlement agreement addressing Consumers' OPEB Plan funding application. Under the settlement agreement, Consumers contributed \$25 million to the plan in 2014 and \$29 million in February 2015. Consumers will suspend further contributions until the MPSC determines funding requirements in future general rate cases.



Table of Contents

**Benefit Payments:** Presented in the following table are the expected benefit payments for each of the next five years and the five-year period thereafter:

	DB Pension Plan	DB SERP	<i>In Millions</i> OPEB Plan
<b>CMS Energy, including Consumers</b>			
2016	\$ 141	\$ 8	\$ 53
2017	146	8	57
2018	152	8	59
2019	156	9	63
2020	159	10	65
2021-2025	815	50	353
<b>Consumers</b>			
2016	\$ 137	\$ 5	\$ 51
2017	142	5	55
2018	148	5	57
2019	152	5	61
2020	155	6	63
2021-2025	793	30	341

**Collective Bargaining Agreements:** At December 31, 2015, unions represented 40 percent of CMS Energy's employees and 42 percent of Consumers' employees. The UWUA represents Consumers' operating, maintenance, construction, and call center employees. The USW represents Zeeland employees. Union contracts expire in 2020.

## 13: STOCK-BASED COMPENSATION

CMS Energy and Consumers provide a PISP to officers, employees, and non-employee directors based on their contributions to the successful management of the company. The PISP has a ten-year term, expiring in May 2024.

In 2015, all awards were in the form of restricted stock or restricted stock units. The PISP also allows for unrestricted common stock, stock options, stock appreciation rights, phantom shares, performance units, and incentive options, none of which was granted in 2015, 2014, or 2013.

Shares awarded or subject to stock options, phantom shares, or performance units may not exceed 6.5 million shares from June 2014 through May 2024, nor may such awards to any recipient exceed 500,000 shares in any calendar year. CMS Energy and Consumers may issue awards of up to 5,611,442 shares of common stock under the PISP as of December 31, 2015. Shares for which payment or exercise is in cash, as well as shares that expire, terminate, or are cancelled or forfeited, may be awarded or granted again under the PISP.

All awards under the PISP vest fully upon death. Upon a change of control of CMS Energy or termination under an officer separation agreement, the awards will vest in accordance with specific officer agreements. If stated in the award, for restricted stock recipients who terminate employment due to retirement or disability, a pro-rata portion of the award will vest upon termination, with any market-based award

also contingent upon the outcome of the market condition and any performance-based award contingent upon the outcome of the performance condition. The pro-rata portion is equal to the portion of the service period served between the award grant date and the employee's termination date. The remaining portion of the awards will be forfeited. All awards for directors vest fully upon retirement. Restricted shares may be forfeited if employment terminates for any other reason or if the minimum service requirements are not met, as described in the award document.

Table of Contents

**Restricted Stock Awards:** Restricted stock awards for employees under the PISP for 2015 and 2014 were in the form of performance-based, market-based, and time-lapse restricted stock. Prior to 2014, all grants were in the form of market-based and time-lapse restricted stock. Award recipients receive shares of CMS Energy common stock that have dividend and voting rights. In lieu of cash dividend payments, however, the dividends on performance-based and market-based restricted stock are paid in restricted shares equal to the value of the dividends. These additional restricted shares are subject to the same vesting conditions as the underlying restricted stock shares.

Performance-based restricted stock vesting is contingent on meeting at least a 36-month service requirement and a performance condition. The performance condition is based on CMS Energy's EPS growth relative to a peer group over a three-year period. The awards granted in 2015 and 2014 require a 38-month service period. Market-based restricted stock vesting is generally contingent on meeting a three-year service requirement and a market condition. The market condition is based on a comparison of CMS Energy's total shareholder return with the median total shareholder return of a peer group over the same three-year period. Depending on the outcome of the performance condition or the market condition, a recipient may earn a total award ranging from zero to 200 percent of the initial grant. Time-lapse restricted stock generally vests after a service period of three years.

**Restricted Stock Units:** In 2015, CMS Energy and Consumers granted restricted stock units to certain non-employee directors who elected to defer their restricted stock awards. The restricted stock units generally vest after a service period of one year or, if earlier, at the next annual meeting. The restricted stock units will be distributed to the recipients as shares in accordance with the directors' deferral agreements. Restricted stock units do not have voting rights, but do have dividend rights. In lieu of cash dividend payments, the dividends on restricted stock units are paid in additional units equal to the value of the dividends. These additional restricted stock units are subject to the same vesting and distribution conditions as the underlying restricted stock units. No restricted stock units vested or were forfeited during 2015.

Presented in the following tables is the activity for restricted stock and restricted stock units under the 2009 and 2014 PISPs:

	CMS Energy, including Consumers		Consumers	
	Number of Shares	Weighted-Average Grant Date Fair Value per Share	Number of Shares	Weighted-Average Grant Date Fair Value per Share
Year Ended December 31, 2015				
Nonvested at beginning of period	1,679,595	\$ 24.69	1,614,684	\$ 24.71
<i>Granted</i>				
Restricted stock	789,602	36.84	750,262	36.83
Restricted stock units	13,180	34.25	12,837	34.25
Vested - restricted stock	(793,103)	27.76	(756,286)	27.74
Forfeited - restricted stock	(64,340)	26.93	(63,840)	26.93
Nonvested at end of period	1,624,934	\$ 29.08	1,557,657	\$ 29.06

Table of Contents

Year Ended December 31, 2015	CMS Energy, including	
	Consumers	Consumers
<i>Granted</i>		
Time-lapse awards	152,820	146,536
Market-based awards	158,385	149,909
Performance-based awards	158,385	149,909
Restricted stock units	12,848	12,514
Dividends on market-based awards	22,208	21,129
Dividends on performance-based awards	11,046	10,502
Dividends on restricted stock units	332	323
Additional market-based shares based on achievement of condition	286,758	272,277
Total granted	802,782	763,099

CMS Energy and Consumers charge the fair value of the restricted stock awards to expense over the required service period and charge the fair value of the restricted stock units to expense immediately. For performance-based awards, CMS Energy and Consumers estimate the number of shares expected to vest at the end of the performance period based on the probable achievement of the performance objective. Performance-based and market-based restricted stock awards have graded vesting features for retirement-eligible employees, and CMS Energy and Consumers recognize expense for those awards on a graded vesting schedule over the required service period. Expense for performance-based and market-based restricted stock awards for non-retirement-eligible employees and time-lapse awards is recognized on a straight-line basis over the required service period.

The fair value of performance-based and time-lapse restricted stock and restricted stock units is based on the price of CMS Energy's common stock on the grant date. The fair value of market-based restricted stock awards is calculated on the grant date using a Monte Carlo simulation. CMS Energy and Consumers base expected volatilities on the historical volatility of the price of CMS Energy common stock. The risk-free rate for valuation of the market-based restricted stock awards was based on the three-year U.S. Treasury yield at the award grant date.

Presented in the following table are the most important assumptions used to estimate the fair value of the market-based restricted stock awards:

Years Ended December 31	2015	2014	2013
Expected volatility	14.1 %	15.6 %	17.4 %
Expected dividend yield	3.3	3.7	3.9
Risk-free rate	0.8	0.8	0.4

Table of Contents

Presented in the following table is the weighted-average grant-date fair value of all awards under the PISP:

Years Ended December 31	2015	2014	2013
<b>CMS Energy, including Consumers</b>			
Weighted-average grant-date fair value per share			
Restricted stock granted	\$ 36.84	\$ 26.15	\$ 16.65
Restricted stock units granted	34.25	-	-
<b>Consumers</b>			
Weighted-average grant-date fair value per share			
Restricted stock granted	\$ 36.83	\$ 26.18	\$ 16.76
Restricted stock units granted	34.25	-	-

Presented in the following table are amounts related to restricted stock awards and restricted stock units:

Years Ended December 31	2015	2014	<i>In Millions</i> 2013
<b>CMS Energy, including Consumers</b>			
Fair value of shares that vested during the year	\$ 29	\$ 16	\$ 10
Compensation expense recognized	20	14	14
Income tax benefit recognized	8	5	5
<b>Consumers</b>			
Fair value of shares that vested during the year	\$ 28	\$ 15	\$ 9
Compensation expense recognized	19	13	14
Income tax benefit recognized	7	5	5

At December 31, 2015, \$15 million of total unrecognized compensation cost was related to restricted stock for CMS Energy, including Consumers, and \$15 million of total unrecognized compensation cost was related to restricted stock for Consumers. CMS Energy and Consumers expect to recognize this cost over a weighted-average period of 1.8 years.

Since CMS Energy has utilized tax loss carryforwards, CMS Energy was unable to realize excess federal tax benefits upon vesting of restricted stock. Therefore, CMS Energy did not recognize the related excess federal tax benefits in equity. Since CMS Energy is not in a loss position for state tax purposes, CMS Energy recognized the related state tax benefits of \$1 million in equity in 2015. As of December 31, 2015, CMS Energy had \$33 million of unrealized excess federal tax benefits.

Table of Contents**14: INCOME TAXES**

CMS Energy and its subsidiaries file a consolidated U.S. federal income tax return and a unitary Michigan income tax return. Income taxes are allocated based on each company's separate taxable income in accordance with the CMS Energy tax sharing agreement.

Presented in the following table is the difference between actual income tax expense on continuing operations and income tax expense computed by applying the statutory U.S. federal income tax rate:

Years Ended December 31	<i>In Millions, Except Tax Rate</i>		
	2015	2014	2013
<b>CMS Energy, including Consumers</b>			
Income from continuing operations before income taxes	\$ 796	\$ 729	\$ 756
Income tax expense at statutory rate	279	255	265
<i>Increase (decrease) in income taxes from:</i>			
State and local income taxes, net of federal effect	39	36	37
Accelerated flow-through of regulatory tax benefits	(39)	(39)	-
Other, net	(8)	(2)	-
Income tax expense	\$ 271	\$ 250	\$ 302
Effective tax rate	34.0 %	34.3 %	39.9 %
<b>Consumers</b>			
Income from continuing operations before income taxes	\$ 896	\$ 873	\$ 880
Income tax expense at statutory rate	314	306	308
<i>Increase (decrease) in income taxes from:</i>			
State and local income taxes, net of federal effect	42	42	43
Accelerated flow-through of regulatory tax benefits	(39)	(39)	-
Other, net	(15)	(3)	(5)
Income tax expense	\$ 302	\$ 306	\$ 346
Effective tax rate	33.7 %	35.1 %	39.3 %

Prior to 2014, Consumers recognized the income tax benefits associated with the removal costs of plant placed in service before 1993 as payments were made and the tax benefits were flowed through to customers. In 2013, the MPSC issued an order authorizing Consumers to flow through to customers the income tax benefits on a straight-line basis over an accelerated period. This regulatory treatment, which Consumers implemented in January 2014, will accelerate the return of \$209 million of income tax benefits over five years to electric customers and \$260 million of income tax benefits over 12 years to gas customers. This treatment reduced Consumers' income tax expense by \$39 million for each of the years ended December 31, 2015 and 2014.

Edgar Filing: CMS ENERGY CORP - Form 10-K

Table of Contents

Presented in the following table are the significant components of income tax expense on continuing operations:

Years Ended December 31	2015	2014	<i>In Millions</i> 2013
<b>CMS Energy, including Consumers</b>			
<i>Current income taxes</i>			
Federal	\$ -	\$ -	\$ -
State and local	24	24	34
	\$ 24	\$ 24	\$ 34
<i>Deferred income taxes</i>			
Federal	\$ 192	\$ 198	\$ 248
State and local	36	31	23
	\$ 228	\$ 229	\$ 271
Deferred income tax credit	19	(3)	(3)
Tax expense	\$ 271	\$ 250	\$ 302
<b>Consumers</b>			
<i>Current income taxes</i>			
Federal	\$ 66	\$ 8	\$ 137
State and local	32	36	45
	\$ 98	\$ 44	\$ 182
<i>Deferred income taxes</i>			
Federal	\$ 153	\$ 236	\$ 147
State and local	32	29	20
	\$ 185	\$ 265	\$ 167
Deferred income tax credit	19	(3)	(3)
Tax expense	\$ 302	\$ 306	\$ 346

Table of Contents

Presented in the following table are the principal components of deferred income tax assets (liabilities) recognized:

December 31	2015	<i>In Millions</i> 2014
<b>CMS Energy, including Consumers</b>		
Employee benefits	\$ (127)	\$ (72)
Gas inventory	(96)	(117)
Plant, property, and equipment	(2,429)	(2,217)
Net regulatory tax liability	50	65
Reserves and accruals	59	63
Securitized costs	(122)	(144)
Tax loss and credit carryforwards	657	676
Other	(5)	-
	\$ (2,013)	\$ (1,746)
Less valuation allowance	(4)	(2)
Total net deferred income tax liabilities	\$ (2,017)	\$ (1,748)
Deferred tax assets, net of valuation reserves	\$ 762	\$ 802
Deferred tax liabilities	(2,779)	(2,550)
Total net deferred income tax liabilities	\$ (2,017)	\$ (1,748)
<b>Consumers</b>		
Employee benefits	\$ (156)	\$ (103)
Gas inventory	(96)	(117)
Plant, property, and equipment	(2,457)	(2,263)
Net regulatory tax liability	50	65
Reserves and accruals	30	34
Securitized costs	(122)	(144)
Tax loss and credit carryforwards	46	45
Other	(5)	(2)
	\$ (2,710)	\$ (2,485)
Less valuation allowance	-	(1)
Total net deferred income tax liabilities	\$ (2,710)	\$ (2,486)
Deferred tax assets, net of valuation reserves	\$ 126	\$ 143
Deferred tax liabilities	(2,836)	(2,629)
Total net deferred income tax liabilities	\$ (2,710)	\$ (2,486)

Deferred tax assets and liabilities are recognized for the estimated future tax effect of temporary differences between the tax basis of assets or liabilities and the reported amounts on CMS Energy's and Consumers' consolidated financial statements.



Edgar Filing: CMS ENERGY CORP - Form 10-K

Table of Contents

Presented in the following table are the tax loss and credit carryforwards at December 31, 2015:

	Gross Amount	Tax Attribute	<i>In Millions</i> Expiration	
<b>CMS Energy, including Consumers</b>				
Federal net operating loss carryforward	\$ 885	\$ 311	2025	2034
Local net operating loss carryforwards	414	4	2023	2034
Alternative minimum tax credits	270	270	No expiration	
Charitable contribution carryover	2	1	2016	2019
General business credits	71	71	2018	2035
Total tax attributes		\$ 657		
<b>Consumers</b>				
Federal net operating loss carryforward	\$ 121	\$ 42	2025	2034
Charitable contribution carryover	2	1	2016	2019
General business credits	3	3	2032	2035
Total tax attributes		\$ 46		

CMS Energy has provided a valuation allowance of \$1 million for the local tax loss carryforward, and \$3 million for general business credits. CMS Energy and Consumers expect to utilize fully tax loss and credit carryforwards for which no valuation allowance has been provided. It is reasonably possible that further adjustments will be made to the valuation allowances within one year.

Presented in the following table is a reconciliation of the beginning and ending amount of uncertain tax benefits:

Years Ended December 31	2015	2014	<i>In Millions</i> 2013	
<b>CMS Energy, including Consumers</b>				
Balance at beginning of period	\$ 5	\$ 4	\$ 1	
Additions for current-year tax positions	1	2	-	
Additions for prior-year tax positions	1	1	3	
Reductions for prior-year tax positions	(1)	(2)	-	
Balance at end of period	\$ 6	\$ 5	\$ 4	
<b>Consumers</b>				
Balance at beginning of period	\$ 5	\$ 4	\$ 1	
Additions for current-year tax positions	1	2	-	
Additions for prior-year tax positions	1	1	3	
Reductions for prior-year tax positions	(1)	(2)	-	
Balance at end of period	\$ 6	\$ 5	\$ 4	

If recognized, all of these uncertain tax benefits would affect CMS Energy's and Consumers' annual effective tax rates in future years.

CMS Energy and Consumers recognize accrued interest and penalties, where applicable, as part of income tax expense. CMS Energy, including Consumers, recognized no interest or penalties for the years ended December 31, 2015, 2014, or 2013.

## Edgar Filing: CMS ENERGY CORP - Form 10-K

In April 2014, the IRS completed its audit of the federal income tax returns of CMS Energy and its subsidiaries for 2010 and 2011. The audit resulted in no significant adjustments to CMS Energy's or Consumers' taxable income or income tax expense.

CMS Energy's federal income tax returns for 2012 and subsequent years remain subject to examination by the IRS. CMS Energy's MCIT and MBT returns for 2008 and subsequent years remain subject to examination by the State of Michigan.

Table of Contents

The amount of income taxes paid is subject to ongoing audits by federal, state, local, and foreign tax authorities, which can result in proposed assessments. CMS Energy's and Consumers' estimate of the potential outcome for any uncertain tax issue is highly judgmental. CMS Energy and Consumers believe that their accrued tax liabilities at December 31, 2015 were adequate for all years.

**15: EARNINGS PER SHARE - CMS ENERGY**

Presented in the following table are CMS Energy's basic and diluted EPS computations based on net income:

Years Ended December 31	<i>In Millions, Except Per Share Amounts</i>		
	2015	2014	2013
<i>Income available to common stockholders</i>			
Net income	\$ 525	\$ 479	\$ 454
Less income attributable to noncontrolling interests	2	2	2
Net income available to common stockholders - basic and diluted	\$ 523	\$ 477	\$ 452
<i>Average common shares outstanding</i>			
Weighted-average shares - basic	275.6	270.6	264.5
Add dilutive contingently convertible securities	-	3.1	6.4
Add dilutive nonvested stock awards	0.9	0.9	1.0
Weighted-average shares - diluted	276.5	274.6	271.9
<i>Net income per average common share available to common stockholders</i>			
Basic	\$ 1.90	\$ 1.76	\$ 1.71
Diluted	1.89	1.74	1.66
Dividends declared per common share	\$ 1.16	\$ 1.08	\$ 1.02

**Contingently Convertible Securities**

In June 2014, CMS Energy redeemed its remaining contingently convertible securities. For the periods those securities were outstanding, they diluted EPS to the extent that the conversion value of the securities, which was based on the average market price of CMS Energy common stock, exceeded their principal value.

**Nonvested Stock Awards**

CMS Energy's nonvested stock awards are composed of participating and non-participating securities. The participating securities accrue cash dividends when common stockholders receive dividends. Since the recipient is not required to return the dividends to CMS Energy if the recipient forfeits the award, the nonvested stock awards are considered participating securities. As such, the participating nonvested stock

## Edgar Filing: CMS ENERGY CORP - Form 10-K

awards were included in the computation of basic EPS. The non-participating securities accrue stock dividends that vest concurrently with the stock award. If the recipient forfeits the award, the stock dividends accrued on the non-participating securities are also forfeited. Accordingly, the non-participating awards and stock dividends were included in the computation of diluted EPS, but not basic EPS.

Table of Contents**16: OTHER INCOME AND OTHER EXPENSE**

Presented in the following table are the components of other income and other expense at CMS Energy and Consumers:

Years Ended December 31	2015	2014	<i>In Millions</i> 2013
<b>CMS Energy, including Consumers</b>			
<i>Other income</i>			
Fee income	\$ 9	\$ 8	\$ 7
All other	1	3	3
Total other income CMS Energy	\$ 10	\$ 11	\$ 10
<b>Consumers</b>			
<i>Other income</i>			
Fee income	\$ 9	\$ 8	\$ 7
Gain on CMS Energy common stock	9	-	4
All other	1	2	3
Total other income Consumers	\$ 19	\$ 10	\$ 14
<b>CMS Energy, including Consumers</b>			
<i>Other expense</i>			
Civic and political expenditures	\$ (10)	\$ (14)	\$ (5)
Donations	(1)	(15)	(4)
Loss on reacquired and extinguished debt	-	(20)	(4)
All other	(6)	(6)	(7)
Total other expense CMS Energy	\$ (17)	\$ (55)	\$ (20)
<b>Consumers</b>			
<i>Other expense</i>			
Civic and political expenditures	\$ (10)	\$ (14)	\$ (5)
Donations	(1)	(15)	(4)
All other	(6)	(6)	(7)
Total other expense Consumers	\$ (17)	\$ (35)	\$ (16)

Table of Contents

## 17: REPORTABLE SEGMENTS

Reportable segments consist of business units defined by the products and services they offer. CMS Energy and Consumers evaluate the performance of each segment based on its contribution to net income available to CMS Energy's common stockholders.

Accounting policies for CMS Energy's and Consumers' segments are as described in Note 1, Significant Accounting Policies. The consolidated financial statements reflect the assets, liabilities, revenues, and expenses of the individual segments when appropriate. Accounts are allocated among the segments when common accounts are attributable to more than one segment. The allocations are based on certain measures of business activities, such as revenue, labor dollars, customers, other operation and maintenance expense, construction expense, leased property, taxes, or functional surveys. For example, customer receivables are allocated based on revenue, and pension provisions are allocated based on labor dollars.

Inter-segment sales and transfers are accounted for at current market prices and are eliminated in consolidated net income available to common stockholders by segment.

### CMS Energy

The reportable segments for CMS Energy are:

- electric utility, consisting of regulated activities associated with the generation, transmission, and distribution of electricity in Michigan
- gas utility, consisting of regulated activities associated with the transportation, storage, and distribution of natural gas in Michigan
- enterprises, consisting of various subsidiaries engaging primarily in domestic independent power production

CMS Energy presents EnerBank and corporate interest and other expenses within other reconciling items.

### Consumers

The reportable segments for Consumers are:

- electric utility, consisting of regulated activities associated with the generation, transmission, and distribution of electricity in Michigan
- gas utility, consisting of regulated activities associated with the transportation, storage, and distribution of natural gas in Michigan

Consumers other consolidated entities are presented within other reconciling items.

Table of Contents

Presented in the following tables is financial information by reportable segment:

Years Ended December 31	2015	2014	<i>In Millions</i> 2013
<b>CMS Energy, including Consumers</b>			
<i>Operating revenue</i>			
Electric utility	\$ 4,249	\$ 4,436	\$ 4,173
Gas utility	1,916	2,363	2,148
Enterprises	190	299	181
Other reconciling items	101	81	64
Total operating revenue CMS Energy	\$ 6,456	\$ 7,179	\$ 6,566
<b>Consumers</b>			
<i>Operating revenue</i>			
Electric utility	\$ 4,249	\$ 4,436	\$ 4,173
Gas utility	1,916	2,363	2,148
Other reconciling items	-	1	-
Total operating revenue Consumers	\$ 6,165	\$ 6,800	\$ 6,321
<b>CMS Energy, including Consumers</b>			
<i>Depreciation and amortization</i>			
Electric utility	\$ 567	\$ 522	\$ 484
Gas utility	177	156	138
Enterprises	4	4	3
Other reconciling items	2	3	3
Total depreciation and amortization CMS Energy	\$ 750	\$ 685	\$ 628
<b>Consumers</b>			
<i>Depreciation and amortization</i>			
Electric utility	\$ 567	\$ 522	\$ 484
Gas utility	177	156	138
Total depreciation and amortization Consumers	\$ 744	\$ 678	\$ 622
<b>CMS Energy, including Consumers</b>			
<i>Income from equity method investees</i>			
Enterprises	\$ 14	\$ 15	\$ 13
Total income from equity method investees CMS Energy	\$ 14	\$ 15	\$ 13
<b>CMS Energy, including Consumers</b>			
<i>Interest charges</i>			
Electric utility	\$ 178	\$ 181	\$ 179
Gas utility	71	67	64
Other reconciling items	147	159	155
Total interest charges CMS Energy	\$ 396	\$ 407	\$ 398
<b>Consumers</b>			
<i>Interest charges</i>			
Electric utility	\$ 178	\$ 181	\$ 179
Gas utility	71	67	64
Other reconciling items	1	2	2
Total interest charges Consumers	\$ 250	\$ 250	\$ 245



Table of Contents

Years Ended December 31	2015	2014	<i>In Millions</i> 2013
<b>CMS Energy, including Consumers</b>			
<i>Income tax expense (benefit)</i>			
Electric utility	\$ 224	\$ 211	\$ 242
Gas utility	78	95	104
Enterprises	3	(1)	(4)
Other reconciling items	(34)	(55)	(40)
Total income tax expense CMS Energy	\$ 271	\$ 250	\$ 302
<b>Consumers</b>			
<i>Income tax expense</i>			
Electric utility	\$ 224	\$ 211	\$ 242
Gas utility	78	95	104
Total income tax expense Consumers	\$ 302	\$ 306	\$ 346
<b>CMS Energy, including Consumers</b>			
<i>Net income (loss) available to common stockholders</i>			
Electric utility	\$ 437	\$ 384	\$ 363
Gas utility	154	179	168
Enterprises	4	(1)	2
Other reconciling items	(72)	(85)	(81)
Total net income available to common stockholders CMS Energy	\$ 523	\$ 477	\$ 452
<b>Consumers</b>			
<i>Net income available to common stockholder</i>			
Electric utility	\$ 437	\$ 384	\$ 363
Gas utility	154	179	168
Other reconciling items	1	2	1
Total net income available to common stockholder Consumers	\$ 592	\$ 565	\$ 532
<b>CMS Energy, including Consumers</b>			
<i>Plant, property, and equipment, gross</i>			
Electric utility	\$ 13,059	\$ 12,230	\$ 11,186
Gas utility	5,723	5,335	4,843
Enterprises	120	115	115
Other reconciling items	41	41	40
Total plant, property, and equipment, gross CMS Energy	\$ 18,943	\$ 17,721	\$ 16,184
<b>Consumers</b>			
<i>Plant, property, and equipment, gross</i>			
Electric utility	\$ 13,059	\$ 12,230	\$ 11,186
Gas utility	5,723	5,335	4,843
Other reconciling items	15	15	15
Total plant, property, and equipment, gross Consumers	\$ 18,797	\$ 17,580	\$ 16,044
<b>CMS Energy, including Consumers</b>			
<i>Investments in equity method investees</i>			
Enterprises	\$ 61	\$ 58	\$ 57
Other reconciling items	3	3	2
Total investments in equity method investees CMS Energy	\$ 64	\$ 61	\$ 59

Table of Contents

Years Ended December 31	2015	2014	<i>In Millions</i> 2013
<b>CMS Energy, including Consumers</b>			
<i>Total assets</i>			
Electric utility <sup>2</sup>	\$ 12,676	\$ 11,582	\$ 10,487
Gas utility <sup>2</sup>	5,918	5,391	4,784
Enterprises	270	231	231
Other reconciling items	1,476	1,981	1,788
Total assets CMS Energy	\$ 20,340	\$ 19,185	\$ 17,290
<b>Consumers</b>			
<i>Total assets</i>			
Electric utility <sup>2</sup>	\$ 12,676	\$ 11,582	\$ 10,487
Gas utility <sup>2</sup>	5,918	5,391	4,784
Other reconciling items	64	874	908
Total assets Consumers	\$ 18,658	\$ 17,847	\$ 16,179
<b>CMS Energy, including Consumers</b>			
<i>Capital expenditures<sup>3</sup></i>			
Electric utility	\$ 1,136	\$ 1,139	\$ 996
Gas utility	558	473	407
Enterprises	44	3	1
Other reconciling items	3	1	4
Total capital expenditures CMS Energy	\$ 1,741	\$ 1,616	\$ 1,408
<b>Consumers</b>			
<i>Capital expenditures<sup>3</sup></i>			
Electric utility	\$ 1,136	\$ 1,139	\$ 996
Gas utility	558	473	407
Total capital expenditures Consumers	\$ 1,694	\$ 1,612	\$ 1,403

1 Consumers had no significant equity method investments.

2 Amounts include a portion of Consumers other common assets attributable to both the electric and gas utility businesses.

3 Amounts include purchase of capital lease additions. Amounts also include a portion of Consumers capital expenditures for plant and equipment attributable to both the electric and gas utility businesses.

## 18: RELATED-PARTY TRANSACTIONS CONSUMERS

Consumers enters into a number of transactions with related parties. These transactions include:

- purchases of electricity from affiliates of CMS Enterprises

## Edgar Filing: CMS ENERGY CORP - Form 10-K

- payments to and from CMS Energy related to parent company overhead costs
- investment in CMS Energy common stock

Transactions involving power supply purchases from certain affiliates of CMS Enterprises are based on avoided costs under the Public Utility Regulatory Policies Act of 1978, state law, and competitive bidding. The payment of parent company overhead costs is based on the use of accepted industry allocation methodologies. These payments are for costs that occur in the normal course of business.

## Edgar Filing: CMS ENERGY CORP - Form 10-K

### Table of Contents

Presented in the following table is Consumers' expense recorded from related party transactions for the years ended December 31:

Description	Related Party	<i>In Millions</i>		
		2015	2014	2013
Purchases of capacity and energy	Affiliates of CMS Enterprises	\$ 83	\$ 89	\$ 89

Amounts payable to related parties for purchased power and other services were \$23 million at December 31, 2015 and \$12 million at December 31, 2014.

Accounts receivable from related parties were \$17 million at December 31, 2015, primarily representing Consumers' payment of postretirement benefits contributions on behalf of CMS Energy. Accounts receivable from related parties were \$1 million at December 31, 2014.

Consumers owned shares of CMS Energy common stock with a fair value of \$29 million at December 31, 2015. For additional details on Consumers' investment in CMS Energy common stock, see Note 7, Financial Instruments.

In January 2016, Consumers renewed a short-term credit agreement with CMS Energy, permitting Consumers to borrow up to \$300 million. At December 31, 2015, there were no outstanding loans under the agreement.

## 19: VARIABLE INTEREST ENTITIES

CMS Energy has variable interests in T.E.S. Filer City, Grayling, and Genesee. CMS Energy is not the primary beneficiary of any of these partnerships because power is shared among unrelated parties, and no one party has the power to direct activities, such as operations and maintenance, plant dispatch, and fuel strategy, that most significantly impact the entities' economic performance. The partners must agree on all major decisions for each of the partnerships.

Presented in the following table is information about these partnerships:

Name (Ownership Interest)	Nature of the Entity	Financing of Partnership
T.E.S. Filer City (50%)	Coal-fueled power generator	Non-recourse long-term debt that matured in December 2007.
Grayling (50%)	Wood waste-fueled power generator	Sale of revenue bonds that were retired in March 2012.
Genesee (50%)		

## Edgar Filing: CMS ENERGY CORP - Form 10-K

Wood waste-fueled  
power generator

Sale of revenue bonds that mature in 2021 and bear interest at fixed rates. The debt is non-recourse to the partners and secured by a CMS Energy guarantee capped at \$3 million annually.

CMS Energy has operating and management contracts with Grayling and Genesee, and Consumers is the primary purchaser of power from each partnership through long-term PPAs. Consumers also has reduced dispatch agreements with Grayling and Genesee, which allow these facilities to be dispatched based on the market price of wood waste. This results in fuel cost savings that each partnership shares with Consumers customers.

CMS Energy's investment in these partnerships is included in investments on its consolidated balance sheets in the amount of \$59 million as of December 31, 2015 and \$57 million as of December 31, 2014. The creditors of these partnerships do not have recourse to the general credit of CMS Energy or Consumers, except through a guarantee provided by CMS Energy of \$3 million annually. CMS Energy

Table of Contents

has deferred collections on certain receivables owed by Genesee. CMS Energy's maximum exposure to loss from these receivables is \$8 million. Consumers has not provided any financial or other support during the periods presented that was not previously contractually required.

## 20: QUARTERLY FINANCIAL AND COMMON STOCK INFORMATION (UNAUDITED)

*In Millions, Except Per Share Amounts and Stock Prices*  
2015

Quarters Ended	March 31	June 30	Sept 30	Dec 31
<b>CMS Energy, including Consumers</b>				
Operating revenue	\$ 2,111	\$ 1,350	\$ 1,486	\$ 1,509
Operating income	397	204	317	245
Net income	202	68	148	107
Income attributable to noncontrolling interests	-	1	-	1
Net income available to common stockholders	202	67	148	106
Basic earnings per average common share <sup>1</sup>	0.73	0.25	0.53	0.39
Diluted earnings per average common share <sup>1</sup>	0.73	0.25	0.53	0.38
<i>Common stock prices<sup>2</sup></i>				
High	38.20	35.57	35.82	37.17
Low	32.83	31.39	32.10	34.24
<b>Consumers</b>				
Operating revenue	\$ 2,028	\$ 1,281	\$ 1,417	\$ 1,439
Operating income	379	192	305	246
Net income	215	84	160	135
Preferred stock dividends	-	1	-	1
Net income available to common stockholder	215	83	160	134

*In Millions, Except Per Share Amounts and Stock Prices*  
2014

Quarters Ended	March 31	June 30	Sept 30	Dec 31
<b>CMS Energy, including Consumers</b>				
Operating revenue	\$ 2,523	\$ 1,468	\$ 1,430	\$ 1,758
Operating income	408	235	236	273
Net income	204	84	94	97
Income attributable to noncontrolling interests	-	1	-	1
Net income available to common stockholders	204	83	94	96
Basic earnings per average common share <sup>1</sup>	0.77	0.31	0.34	0.35
Diluted earnings per average common share <sup>1</sup>	0.75	0.30	0.34	0.35
<i>Common stock prices<sup>2</sup></i>				
High	29.28	31.15	30.87	36.42
Low	26.12	28.87	28.18	29.78
<b>Consumers</b>				
Operating revenue	\$ 2,382	\$ 1,387	\$ 1,359	\$ 1,672
Operating income	399	227	245	264
Net income	221	109	119	118
Preferred stock dividends	-	1	-	1
Net income available to common stockholder	221	108	119	117

- 1 The sum of the quarters may not equal annual EPS due to changes in the number of shares outstanding.
  
- 2 Based on New York Stock Exchange composite transactions.

Table of Contents

## REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors and Stockholders of CMS Energy Corporation

In our opinion, the accompanying consolidated balance sheets and the related consolidated statements of income, of comprehensive income, of cash flows, and of changes in equity present fairly, in all material respects, the financial position of CMS Energy Corporation and its subsidiaries at December 31, 2015 and December 31, 2014 and the results of their operations and their cash flows for each of the three years in the period ended December 31, 2015 in conformity with accounting principles generally accepted in the United States of America. In addition, in our opinion, the financial statement schedules listed in the index appearing under Item 15(a)(2) present fairly, in all material respects, the information set forth therein when read in conjunction with the related consolidated financial statements. Also in our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2015 based on criteria established in *Internal Control – Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). The Company's management is responsible for these financial statements and financial statement schedules, for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in Management's Annual Report on Internal Control over Financial Reporting appearing under Item 9A. Our responsibility is to express opinions on these financial statements, on the financial statement schedules, and on the Company's internal control over financial reporting based on our integrated 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 audits to obtain reasonable assurance about whether the financial statements are free of material misstatement and whether effective internal control over financial reporting was maintained in all material respects. Our audits of the financial statements included 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. Our audit of internal control over financial reporting included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audits also included performing such other procedures as we considered necessary in the circumstances. We believe that our audits provide a reasonable basis for our opinions.

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (i) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (ii) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (iii) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

/s/ PricewaterhouseCoopers LLP



Detroit, Michigan

February 11, 2016

Table of Contents

## REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors and Stockholder of Consumers Energy Company

In our opinion, the accompanying consolidated balance sheets and the related consolidated statements of income, of comprehensive income, of cash flows, and of changes in equity present fairly, in all material respects, the financial position of Consumers Energy Company and its subsidiaries at December 31, 2015 and December 31, 2014 and the results of their operations and their cash flows for each of the three years in the period ended December 31, 2015 in conformity with accounting principles generally accepted in the United States of America. In addition, in our opinion, the financial statement schedule listed in the index appearing under Item 15(a)(2) presents fairly, in all material respects, the information set forth therein when read in conjunction with the related consolidated financial statements. Also in our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2015 based on criteria established in *Internal Control – Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). The Company's management is responsible for these financial statements and the financial statement schedule, for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in Management's Annual Report on Internal Control over Financial Reporting appearing under Item 9A. Our responsibility is to express opinions on these financial statements, on the financial statement schedule, and on the Company's internal control over financial reporting based on our integrated 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 audits to obtain reasonable assurance about whether the financial statements are free of material misstatement and whether effective internal control over financial reporting was maintained in all material respects. Our audits of the financial statements included 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. Our audit of internal control over financial reporting included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audits also included performing such other procedures as we considered necessary in the circumstances. We believe that our audits provide a reasonable basis for our opinions.

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (i) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (ii) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (iii) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

/s/ PricewaterhouseCoopers LLP

Detroit, Michigan

February 11, 2016

Table of Contents

## Item 9. Changes in and Disagreements with Accountants on Accounting and Financial Disclosure

None.

## Item 9A. Controls and Procedures

### CMS ENERGY

**Conclusion Regarding the Effectiveness of Disclosure Controls and Procedures:** Under the supervision and with the participation of management, including its CEO and CFO, CMS Energy conducted an evaluation of its disclosure controls and procedures (as such term is defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act). Based on such evaluation, CMS Energy's CEO and CFO have concluded that its disclosure controls and procedures were effective as of December 31, 2015.

**Management's Annual Report on Internal Control Over Financial Reporting:** CMS Energy's management is responsible for establishing and maintaining adequate internal control over financial reporting, as defined in Exchange Act Rules 13a-15(f) and 15d-15(f). CMS Energy's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with GAAP and includes policies and procedures that:

- \_\_\_\_\_ pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of CMS Energy
- \_\_\_\_\_ provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with GAAP, and that receipts and expenditures of CMS Energy are being made only in accordance with authorizations of management and directors of CMS Energy
- \_\_\_\_\_ provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of CMS Energy's assets that could have a material effect on its financial statements

Management, including its CEO and CFO, does not expect that its internal controls will prevent or detect all errors and all fraud. A control system, no matter how well designed and operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be

## Edgar Filing: CMS ENERGY CORP - Form 10-K

considered relative to their costs. In addition, any evaluation of the effectiveness of controls is subject to risks that those internal controls may become inadequate in future periods because of changes in business conditions, or that the degree of compliance with the policies or procedures deteriorates.

Under the supervision and with the participation of management, including its CEO and CFO, CMS Energy conducted an evaluation of the effectiveness of its internal control over financial reporting as of December 31, 2015. In making this evaluation, management used the criteria set forth in the framework in Internal Control - Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission. Based on such evaluation, CMS Energy's management concluded that its internal control over financial reporting was effective as of December 31, 2015. The effectiveness of CMS Energy's internal control over financial reporting as of December 31, 2015 has been audited by PricewaterhouseCoopers LLP, an independent registered public accounting firm, as stated in their report which appears under Item 8. Financial Statements and Supplementary Data.

Table of Contents

**Changes in Internal Control over Financial Reporting:** There have been no changes in CMS Energy's internal control over financial reporting during the most recently completed fiscal quarter that have materially affected, or are reasonably likely to materially affect, its internal control over financial reporting.

## CONSUMERS

**Conclusion Regarding the Effectiveness of Disclosure Controls and Procedures:** Under the supervision and with the participation of management, including its CEO and CFO, Consumers conducted an evaluation of its disclosure controls and procedures (as such term is defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act). Based on such evaluation, Consumers' CEO and CFO have concluded that its disclosure controls and procedures were effective as of December 31, 2015.

**Management's Annual Report on Internal Control Over Financial Reporting:** Consumers' management is responsible for establishing and maintaining adequate internal control over financial reporting, as defined in Exchange Act Rules 13a-15(f) and 15d-15(f). Consumers' internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with GAAP and includes policies and procedures that:

- pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of Consumers
- provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with GAAP, and that receipts and expenditures of Consumers are being made only in accordance with authorizations of management and directors of Consumers
- provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of Consumers assets that could have a material effect on its financial statements

Management, including its CEO and CFO, does not expect that its internal controls will prevent or detect all errors and all fraud. A control system, no matter how well designed and operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. In addition, any evaluation of the effectiveness of controls is subject to risks that those internal controls may become inadequate in future periods because of changes in business conditions, or that the degree of compliance with the policies or procedures deteriorates.

Under the supervision and with the participation of management, including its CEO and CFO, Consumers conducted an evaluation of the effectiveness of its internal control over financial reporting as of December 31, 2015. In making this evaluation, management used the criteria set forth in the framework in Internal Control - Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the

## Edgar Filing: CMS ENERGY CORP - Form 10-K

Treadway Commission. Based on such evaluation, Consumers' management concluded that its internal control over financial reporting was effective as of December 31, 2015. The effectiveness of Consumers' internal control over financial reporting as of December 31, 2015 has been audited by PricewaterhouseCoopers LLP, an independent registered public accounting firm, as stated in their report which appears under Item 8. Financial Statements and Supplementary Data.

**Changes in Internal Control over Financial Reporting:** There have been no changes in Consumers' internal control over financial reporting during the most recently completed fiscal quarter that have materially affected, or are reasonably likely to materially affect, its internal control over financial reporting.

Table of Contents

## Item 9B. Other Information

None.

## Part III

## Item 10. Directors, Executive Officers and Corporate Governance

### CMS ENERGY

Information that is required in Item 10 of this Form 10-K regarding executive officers is included in the Item 1. Business - CMS Energy and Consumers Executive Officers section, which is incorporated by reference herein.

Information that is required in Item 10 of this Form 10-K regarding directors, executive officers, and corporate governance is incorporated by reference from CMS Energy's definitive proxy statement for its 2016 Annual Meeting of Shareholders to be held May 6, 2016. The proxy statement will be filed with the SEC, pursuant to Regulation 14A under the Exchange Act, within 120 days after the end of the fiscal year covered by this Form 10-K, all of which information is hereby incorporated by reference in, and made part of, this Form 10-K.

### Code of Ethics

CMS Energy has adopted an employee code of ethics, entitled CMS Energy 2016 Code of Conduct and Guide to Ethical Business Behavior ( Employee Code ) that applies to its CEO, CFO, and CAO, as well as all other officers and employees of CMS Energy and its affiliates, except for EnerBank, which has its own code of conduct. The Employee Code is administered by the Chief Compliance Officer of CMS Energy, who reports directly to the Audit Committee of the Board of Directors of CMS Energy. CMS Energy has also adopted a director code of ethics entitled Board of Directors Code of Conduct ( Director Code ) that applies to its directors. The Director Code is administered by the Audit Committee of the Board of Directors of CMS Energy. Any alleged violation of the Director Code by a director will be investigated by disinterested members of the Audit Committee of the Board of Directors of CMS Energy, or if none, by disinterested members of the entire Board of Directors of CMS Energy. The Employee Code and Director Code and any waivers of, or amendments or exceptions to, a provision of the Employee Code that applies to CMS Energy's CEO, CFO, CAO or persons performing similar functions and any waivers of, or amendments or exceptions to, a provision of CMS Energy's Director Code will be disclosed on CMS Energy's website at [www.cmsenergy.com/corporate-governance/compliance-and-ethics](http://www.cmsenergy.com/corporate-governance/compliance-and-ethics).



## CONSUMERS

Information that is required in Item 10 of this Form 10-K regarding executive officers is included in the Item 1. Business - CMS Energy and Consumers Executive Officers section, which is incorporated by reference herein.

Information that is required in Item 10 of this Form 10-K regarding directors, executive officers, and corporate governance is incorporated by reference from CMS Energy's definitive proxy statement for its 2016 Annual Meeting of Shareholders to be held May 6, 2016. The proxy statement will be filed with the SEC, pursuant to Regulation 14A under the Exchange Act, within 120 days after the end of the fiscal year covered by this Form 10-K, all of which information is hereby incorporated by reference in, and made part of, this Form 10-K.

Table of Contents**Code of Ethics**

Consumers has adopted an employee code of ethics, entitled CMS Energy 2016 Code of Conduct and Guide to Ethical Business Behavior ( Employee Code ) that applies to its CEO, CFO, and CAO, as well as all other officers and employees of Consumers and its affiliates, except for EnerBank, which has its own code of conduct. The Employee Code is administered by the Chief Compliance Officer of Consumers, who reports directly to the Audit Committee of the Board of Directors of Consumers. Consumers has also adopted a director code of ethics entitled Board of Directors Code of Conduct ( Director Code ) that applies to its directors. The Director Code is administered by the Audit Committee of the Board of Directors of Consumers. Any alleged violation of the Director Code by a director will be investigated by disinterested members of the Audit Committee of the Board of Directors of Consumers, or if none, by disinterested members of the entire Board of Directors of Consumers. The Employee Code and Director Code and any waivers of, or amendments or exceptions to, a provision of the Employee Code that applies to Consumers CEO, CFO, CAO or persons performing similar functions and any waivers of, or amendments or exceptions to, a provision of Consumers Director Code will be disclosed on Consumers website at [www.cmsenergy.com/corporate-governance/compliance-and-ethics](http://www.cmsenergy.com/corporate-governance/compliance-and-ethics).

**Item 11. Executive Compensation**

See the note below.

**Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters****SECURITIES AUTHORIZED FOR ISSUANCE UNDER EQUITY COMPENSATION PLANS**

Presented in the following table is information regarding CMS Energy s equity compensation plans as of December 31, 2015:

	(a)	(b)	(c)
Plan Category	Number of securities to be issued upon exercise of outstanding options, warrants, and rights	Weighted-average exercise price of outstanding options, warrants, and rights	Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in column (a))
Equity compensation plan approved by shareholders	-	\$ -	5,611,442

Also see the note below.

**Item 13. Certain Relationships and Related Transactions, and Director Independence**

See the note below.

**Item 14. Principal Accountant Fees and Services**

See the note below.

Table of Contents

**NOTE:** Information that is required by Part III Items 11, 12, 13, and 14 of this Form 10-K is incorporated by reference from CMS Energy's definitive proxy statement for its 2016 Annual Meeting of Shareholders to be held May 6, 2016. The proxy statement will be filed with the SEC, pursuant to Regulation 14A under the Exchange Act, within 120 days after the end of the fiscal year covered by this Form 10-K, all of which information is hereby incorporated by reference in, and made part of, this Form 10-K.

Part IV

**Item 15. Exhibits and Financial Statement Schedules**

(a)(1) Financial Statements and Reports of Independent Public Accountants for CMS Energy and Consumers are included in Item 8. Financial Statements and Supplementary Data and are incorporated by reference herein.

(a)(2) Index to Financial Statement Schedules.

	<u>Page</u>
<u>Schedule I</u>	
<u>Condensed Financial Information of Registrant CMS Energy Parent Company</u>	
<u>Condensed Statements of Income</u>	160
<u>Condensed Statements of Cash Flows</u>	161
<u>Condensed Balance Sheets</u>	162
<u>Notes to the Condensed Financial Statements</u>	164
<u>Schedule II</u>	
<u>Valuation and Qualifying Accounts and Reserves</u>	
<u>CMS Energy</u>	165
<u>Consumers</u>	165
Report of Independent Registered Public Accounting Firm	
CMS Energy	153
Consumers	154

Schedules other than those listed above are omitted because they are either not required or not applicable, or the required information is shown in the financial statements or notes thereto. Columns omitted from schedules filed have been omitted because the information is not applicable.

(a)(3) and (b) See CMS Energy's and Consumers' Exhibit Index included as the last part of this report, which is incorporated herein by reference.



Table of Contents

## CMS Energy Corporation

**Schedule I Condensed Financial Information of Registrant****CMS ENERGY PARENT COMPANY**

## Condensed Statements of Income

Years Ended December 31	2015	2014	<i>In Millions</i> 2013
<b>Operating Expenses</b>			
Other operating expenses	\$ (9)	\$ (6)	\$ (6)
Total operating expenses	(9)	(6)	(6)
<b>Operating Loss</b>	(9)	(6)	(6)
<b>Other Income (Expense)</b>			
Equity earnings of subsidiaries	625	585	566
Interest income	1	1	1
Other expense	(9)	(20)	(8)
Total other income	617	566	559
<b>Interest Charges</b>			
Interest on long-term debt	134	150	148
Intercompany interest expense and other	3	2	3
Total interest charges	137	152	151
<b>Income Before Income Taxes</b>	471	408	402
<b>Income Tax Benefit</b>	(52)	(69)	(50)
<b>Net Income Available to Common Stockholders</b>	\$ 523	\$ 477	\$ 452

The accompanying notes are an integral part of these statements.

Table of Contents

## CMS Energy Corporation

## Schedule I Condensed Financial Information of Registrant

## CMS ENERGY PARENT COMPANY

## Condensed Statements of Cash Flows

Years Ended December 31	2015	2014	<i>In Millions</i> 2013
<b>Cash Flows from Operating Activities</b>			
Net income	\$ 523	\$ 477	\$ 452
<i>Adjustments to reconcile net income to net cash provided by operating activities</i>			
Equity earnings of subsidiaries	(625)	(585)	(566)
Dividends received from subsidiaries	499	544	435
Deferred income taxes	(24)	30	48
<i>Cash provided by (used in) changes in assets and liabilities</i>			
Accounts and notes receivable	(86)	(3)	(3)
Accounts payable	16	(2)	2
Accrued taxes	(115)	97	48
Other current and non-current assets and liabilities	21	31	18
Net cash provided by operating activities	209	589	434
<b>Cash Flows from Investing Activities</b>			
Investment in subsidiaries	(150)	(495)	(150)
Return of capital	-	178	-
Net cash used in investing activities	(150)	(317)	(150)
<b>Cash Flows from Financing Activities</b>			
Proceeds from issuance of long-term debt	349	550	275
Issuance of common stock	43	43	36
Retirement of long-term debt	(100)	(547)	(275)
Payment of dividends on common stock	(320)	(293)	(271)
Debt issuance costs and financing fees	(3)	(6)	(4)
Decrease in notes payable	(28)	(19)	(47)
Net cash used in financing activities	(59)	(272)	(286)
<b>Net Decrease in Cash and Cash Equivalents</b>	-	-	(2)
<b>Cash and Cash Equivalents, Beginning of Period</b>	-	-	2
<b>Cash and Cash Equivalents, End of Period</b>	\$ -	\$ -	\$ -

The accompanying notes are an integral part of these statements.





Table of Contents

## CMS Energy Corporation

**Schedule I Condensed Financial Information of Registrant****CMS ENERGY PARENT COMPANY**

## Condensed Balance Sheets

## ASSETS

December 31	2015	<i>In Millions</i> 2014
<b>Current Assets</b>		
Notes and accrued interest receivable	\$ 88	\$ 2
Accounts receivable, including intercompany and related parties	9	9
Total current assets	97	11
<b>Plant, Property, and Equipment</b>		
Plant, property, and equipment, gross	16	16
Less accumulated depreciation and amortization	16	16
Total plant, property, and equipment	-	-
<b>Other Non-current Assets</b>		
Deferred income taxes	340	317
Investments in subsidiaries	6,240	5,961
Other investments DB SERP	26	22
Other	23	23
Total other non-current assets	6,629	6,323
<b>Total Assets</b>	<b>\$ 6,726</b>	<b>\$ 6,334</b>

Table of Contents**LIABILITIES AND EQUITY**

December 31	2015	<i>In Millions</i> 2014
<b>Current Liabilities</b>		
Accounts and notes payable, including intercompany and related parties	\$ 74	\$ 86
Accrued interest, including intercompany	38	37
Accrued taxes	23	138
Other current liabilities	5	4
<b>Total current liabilities</b>	<b>140</b>	<b>265</b>
<b>Non-current Liabilities</b>		
Long-term debt	2,630	2,380
Unamortized discount	(7)	(7)
Postretirement benefits	22	24
Other non-current liabilities	3	2
<b>Total non-current liabilities</b>	<b>2,648</b>	<b>2,399</b>
<b>Equity</b>		
Common stockholders' equity	3,938	3,670
<b>Total Liabilities and Equity</b>	<b>\$ 6,726</b>	<b>\$ 6,334</b>

The accompanying notes are an integral part of these statements.

Table of Contents

## CMS Energy Corporation

### Schedule I Condensed Financial Information of Registrant

#### CMS ENERGY PARENT COMPANY

#### Notes to the Condensed Financial Statements

##### 1: Basis of Presentation

CMS Energy's condensed financial statements have been prepared on a parent-only basis. In accordance with Rule 12-04 of Regulation S-X, these parent-only financial statements do not include all of the information and notes required by GAAP for annual financial statements, and therefore these parent-only financial statements and other information included should be read in conjunction with CMS Energy's audited consolidated financial statements contained within Item 8. Financial Statements and Supplementary Data.

##### 2: Guarantees

CMS Energy has issued guarantees with a maximum potential obligation of \$328 million on behalf of some of its wholly owned subsidiaries and related parties. CMS Energy's maximum potential obligation consists primarily of potential payments:

- to third parties under certain commodity purchase and swap agreements entered into with CMS ERM
- to third parties in support of non-recourse revenue bonds issued by Genesee
- to the MDEQ on behalf of CMS Land and CMS Capital, for environmental remediation obligations at Bay Harbor
- to the DOE on behalf of Consumers, in connection with Consumers' 2011 settlement agreement with the DOE regarding damages resulting from the DOE's failure to accept spent nuclear fuel from nuclear power plants formerly owned by Consumers

The expiry dates of these guarantees vary, depending upon contractual provisions or upon the statute of limitations under the relevant governing law.



Table of Contents

## CMS Energy Corporation

**Schedule II Valuation and Qualifying Accounts and Reserves**

Years Ended December 31, 2015, 2014, and 2013

Description	Balance at Beginning of Period	Charged to Expense	Charged to Other Accounts	Deductions	<i>In Millions</i> Balance at End of Period
<b>Allowance for uncollectible accounts<sup>1</sup></b>					
2015	\$ 40	\$ 50	\$ -	\$ 62	\$ 28
2014	33	72	-	65	40
2013	32	63	-	62	33
<b>Deferred tax valuation allowance</b>					
2015	\$ 2	\$ 3	\$ (1)	\$ -	\$ 4
2014	2	-	-	-	2
2013	3	-	-	1	2
<b>Allowance for notes receivable<sup>1</sup></b>					
2015	\$ 8	\$ 8	\$ -	\$ 7	\$ 9
2014	5	8	-	5	8
2013	5	4	-	4	5

<sup>1</sup> Deductions are write-offs of uncollectible accounts, net of recoveries.

## Consumers Energy Company

**Schedule II Valuation and Qualifying Accounts and Reserves**

Years Ended December 31, 2015, 2014, and 2013

Description	Balance at Beginning of Period	Charged to Expense	Charged to Other Accounts	Deductions	<i>In Millions</i> Balance at End of Period
-------------	--------------------------------	--------------------	---------------------------	------------	--

Edgar Filing: CMS ENERGY CORP - Form 10-K

Allowance for uncollectible accounts <sup>1</sup>					
2015	\$ 39	\$ 50	\$ -	\$ 61	\$ 28
2014	31	72	-	64	39
2013	30	63	-	62	31
Deferred tax valuation allowance					
2015	\$ 1	\$ -	\$ (1)	\$ -	\$ -
2014	1	-	-	-	1
2013	1	-	-	-	1

1 Deductions are write-offs of uncollectible accounts, net of recoveries.

Table of Contents

## SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, CMS Energy Corporation has duly caused this Annual Report to be signed on its behalf by the undersigned, thereunto duly authorized, on the 11th day of February 2016.

CMS ENERGY CORPORATION

By:

/s/ John Russell  
John G. Russell  
President and Chief Executive Officer

Pursuant to the requirements of the Securities Exchange Act of 1934, this Annual Report has been signed below by the following persons on behalf of CMS Energy Corporation and in the capacities indicated and on the 11th day of February 2016.

/s/ John Russell  
John G. Russell  
President and Chief Executive Officer  
(Principal Executive Officer)

/s/ William D. Harvey  
William D. Harvey, Director

/s/ Thomas J. Webb  
Thomas J. Webb  
Executive Vice President and Chief Financial Officer  
(Principal Financial Officer)

/s/ D.W. Joos  
David W. Joos, Director

/s/ Glenn P. Barba  
Glenn P. Barba  
Vice President, Controller, and Chief Accounting Officer  
(Controller)

/s/ Philip R. Lochner, Jr.  
Philip R. Lochner, Jr., Director

/s/ Jon E. Barfield  
Jon E. Barfield, Director

/s/ John Russell  
John G. Russell, Director

/s/ Deborah H. Butler  
Deborah H. Butler, Director

/s/ Myrna Soto  
Myrna M. Soto, Director

/s/ Kurt L. Darrow  
Kurt L. Darrow, Director

/s/ John Sznawajs  
John G. Sznawajs, Director

/s/ Stephen Ewing  
Stephen E. Ewing, Director

/s/ Laura H. Wright  
Laura H. Wright, Director

/s/ Richard M. Gabrys  
Richard M. Gabrys, Director



Table of Contents

## SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, Consumers Energy Company has duly caused this Annual Report to be signed on its behalf by the undersigned, thereunto duly authorized, on the 11th day of February 2016.

### CONSUMERS ENERGY COMPANY

By:

/s/ John Russell  
John G. Russell  
President and Chief Executive Officer

Pursuant to the requirements of the Securities Exchange Act of 1934, this Annual Report has been signed below by the following persons on behalf of Consumers Energy Company and in the capacities indicated and on the 11th day of February 2016.

/s/ John Russell  
John G. Russell  
President and Chief Executive Officer  
(Principal Executive Officer)

/s/ William D. Harvey  
William D. Harvey, Director

/s/ Thomas J. Webb  
Thomas J. Webb  
Executive Vice President and Chief Financial Officer  
(Principal Financial Officer)

/s/ D.W. Joos  
David W. Joos, Director

/s/ Glenn P. Barba  
Glenn P. Barba  
Vice President, Controller, and Chief Accounting Officer  
(Controller)

/s/ Philip R. Lochner, Jr.  
Philip R. Lochner, Jr., Director

/s/ Jon E. Barfield  
Jon E. Barfield, Director

/s/ John Russell  
John G. Russell, Director

/s/ Deborah H. Butler  
Deborah H. Butler, Director

/s/ Myrna Soto  
Myrna M. Soto, Director

/s/ Kurt L. Darrow  
Kurt L. Darrow, Director

/s/ John Sznawajs  
John G. Sznawajs, Director

Edgar Filing: CMS ENERGY CORP - Form 10-K

/s/ Stephen Ewing  
Stephen E. Ewing, Director

/s/ Laura H. Wright  
Laura H. Wright, Director

/s/ Richard M. Gabrys  
Richard M. Gabrys, Director

Table of Contents

(This page intentionally left blank)

[Table of Contents](#)

## EXHIBITS

---

Table of Contents**CMS ENERGY S AND CONSUMERS EXHIBIT INDEX**

The agreements included as exhibits to this Form 10-K filing are included solely to provide information regarding the terms of the agreements and are not intended to provide any other factual or disclosure information about CMS Energy, Consumers, or other parties to the agreements. The agreements may contain representations and warranties made by each of the parties to each of the agreements that were made exclusively for the benefit of the parties involved in each of the agreements and should not be treated as statements of fact. The representations and warranties were made as a way to allocate risk if one or more of those statements prove to be incorrect. The statements were qualified by disclosures of the parties to each of the agreements that may not be reflected in each of the agreements. The agreements may apply standards of materiality that are different than standards applied to other investors. Additionally, the statements were made as of the date of the agreements or as specified in the agreements and have not been updated.

The representations and warranties may not describe the actual state of affairs of the parties to each agreement. Additional information about CMS Energy and Consumers may be found in this filing, at [www.cmsenergy.com](http://www.cmsenergy.com), at [www.consumersenergy.com](http://www.consumersenergy.com), and through the SEC's website at [www.sec.gov](http://www.sec.gov).

Exhibits	Previously Filed		Description
	With File Number	As Exhibit Number	
3.11	1-9513	(3)(a)	Restated Articles of Incorporation of CMS Energy, effective June 1, 2004, as amended May 22, 2009 (Form 10-Q for the quarterly period ended June 30, 2009)
3.21	1-9513	3.2	CMS Energy Bylaws, amended and restated as of February 8, 2016 (Form 8-K filed February 8, 2016)
3.3	1-5611	3(c)	Restated Articles of Incorporation of Consumers effective June 7, 2000 (Form 10-K for the fiscal year ended December 31, 2000)
3.4	1-5611	3.2	Consumers Bylaws, amended and restated as of January 24, 2013 (Form 8-K filed January 29, 2013)
4.1	2-65973	(b)(1) 4	Indenture dated as of September 1, 1945 between Consumers and Chemical Bank (successor to Manufacturers Hanover Trust Company), as Trustee, including therein indentures supplemental thereto through the Forty-third Supplemental Indenture dated as of May 1, 1979 (Form S-16 filed November 13, 1979)
4.1.a	1-5611	(4)(a)	Indentures Supplemental thereto: 71st dated as of 3/06/98 (Form 10-K for the fiscal year ended December 31, 1997)
4.1.b	1-5611	(4)(a)	96th dated as of 8/17/04 (Form 8-K filed August 20, 2004)
4.1.c	1-5611	(4)(a)(i)	99th dated as of 1/20/05 (Form 10-K for the fiscal year ended December 31, 2004)
4.1.d	1-5611	4.2	100th dated as of 3/24/05 (Form 8-K filed March 30, 2005)
4.1.e	1-5611	4.2	104th dated as of 8/11/05 (Form 8-K filed August 11, 2005)
4.1.f	1-5611	4.1	108th dated as of 3/14/08 (Form 8-K filed March 14, 2008)
4.1.g	1-5611	4.1	110th dated as of 9/12/08 (Form 8-K filed September 12, 2008)
4.1.h	1-5611	4.1	111th dated as of 3/6/09 (Form 8-K filed March 6, 2009)
4.1.i	1-5611	4.1	112th dated as of 9/1/10 (Form 8-K filed September 7, 2010)
4.1.j	1-5611	4.1	113th dated as of 10/15/10 (Form 8-K filed October 20, 2010)

4.1.k

1-5611

4.1

114th dated as of 3/31/11 (Form 8-K filed April 6, 2011)

---

Edgar Filing: CMS ENERGY CORP - Form 10-K

Table of Contents

Exhibits	Previously Filed		Description
	With File Number	As Exhibit Number	
4.1.l	1-5611	4.1	116th dated as of 9/1/11 (Form 10-Q for the quarterly period ended September 30, 2011)
4.1.m	1-5611	4.1	117th dated as of 5/8/12 (Form 8-K filed May 8, 2012)
4.1.n	1-5611	4.1	119th dated as of 8/3/12 (Form 10-Q for the quarterly period ended September 30, 2012)
4.1.o	1-5611	4.1	120th dated as of 12/17/12 (Form 8-K filed December 20, 2012)
4.1.p	1-5611	4.1	121st dated as of 5/17/13 (Form 8-K filed May 17, 2013)
4.1.q	1-5611	4.1	122nd dated as of 8/9/13 (Form 8-K filed August 9, 2013)
4.1.r	1-5611	4.1	123rd dated as of 12/20/13 (Form 8-K filed December 27, 2013)
4.1.s	1-5611	4.1	124th dated as of 8/18/2014 (Form 8-K filed August 18, 2014)
4.1.t	1-5611	4.1	125th dated as of 11/6/2015 (Form 8-K filed November 6, 2015)
4.1.u	1-5611	4.1	126th dated as of 11/23/2015 (Form 8-K filed November 25, 2015)
4.2	1-5611	(4)(b)	Indenture dated as of January 1, 1996 between Consumers and The Bank of New York Mellon, as Trustee (Form 10-K for the fiscal year ended December 31, 1995)
4.3	1-5611	(4)(c)	Indenture dated as of February 1, 1998 between Consumers and The Bank of New York Mellon (formerly The Chase Manhattan Bank), as Trustee (Form 10-K for the fiscal year ended December 31, 1997)
4.4i	33-47629	(4)(a)	Indenture dated as of September 15, 1992 between CMS Energy and NBD Bank, as Trustee (Form S-3 filed May 1, 1992) Indentures Supplemental thereto:
4.4.a1	1-9513	4.2	20th dated as of 7/3/07 (Form 8-K filed July 5, 2007)
4.4.b1	1-9513	4.3	23rd dated as of 6/15/09 (Form 8-K filed June 15, 2009)
4.4.c1	1-9513	4.1	24th dated as of 1/14/10 (Form 8-K filed January 14, 2010)
4.4.d1	1-9513	4.1	26th dated as of 11/19/10 (Form 8-K filed November 19, 2010)
4.4.e1	1-9513	4.1	28th dated as of 3/12/12 (Form 8-K filed March 12, 2012)
4.4.f1	1-9513	4.1	29th dated as of 3/22/13 (Form 8-K filed March 22, 2013)
4.4.g1	1-9513	4.1	30th dated as of 2/27/14 (Form 8-K filed February 27, 2014)
4.4.h1	1-9513	4.2	31st dated as of 2/27/14 (Form 8-K filed February 27, 2014)
4.4.i1	1-9513	4.1	32nd dated as of 11/9/15 (Form 8-K filed November 9, 2015)
4.51	1-9513	(4a)	Indenture dated as of June 1, 1997 between CMS Energy and The Bank of New York Mellon, as Trustee (Form 8-K filed July 1, 1997)
10.12	1-9513	(10)(g)	2004 Form of Executive Severance Agreement (Form 10-Q for the quarterly period ended September 30, 2009)
10.22	1-9513	(10)(h)	2004 Form of Officer Severance Agreement (Form 10-Q for the quarterly period ended September 30, 2009)
10.32	1-9513	10.3	CMS Energy's Performance Incentive Stock Plan as amended and restated, effective January 22, 2015 (Form 10-K for the fiscal year ended December 31, 2014)

## Edgar Filing: CMS ENERGY CORP - Form 10-K

### Table of Contents

Exhibits	Previously Filed		Description
	With File Number	As Exhibit Number	
10.42	1-9513	(10)(i)	CMS Deferred Salary Savings Plan effective December 1, 1989 and as further amended effective December 1, 2007 (Form 10-K for the fiscal year ended December 31, 2007)
10.4.a2	1-9513	(10)(l)	Amendment to the Deferred Salary Savings Plan dated December 21, 2008 (Form 10-K for the fiscal year ended December 31, 2008)
10.4.b2	1-9513	10.1	Amendment to the CMS Energy Deferred Salary Savings Plan effective January 1, 2016 (Form 10-Q for the quarterly period ended September 30, 2015)
10.4.c2	1-9513		Amendment to the CMS Energy Deferred Salary Savings Plan effective December 17, 2015
10.52	1-9513	10.5	CMS Energy and Consumers Director s Deferred Compensation Plan, effective as of November 30, 2007 (Form 10-K for the fiscal year ended December 31, 2014)
10.62	1-9513	10.6	Supplemental Executive Retirement Plan for Employees of CMS Energy/Consumers effective on January 1, 1982 and as amended effective April 1, 2011 (Form 10-Q for the quarterly period ended March 31, 2011)
10.72	1-9513	10.5	Defined Contribution Supplemental Executive Retirement Plan effective April 1, 2006 and as amended effective April 1, 2011 (Form 10-Q for the quarterly period ended March 31, 2011)
10.7.a2	1-9513		Amendment to the Defined Contribution Supplemental Executive Retirement Plan effective January 1, 2016
10.82	1-9513	10.8	Form of Officer Separation Agreement as of January 2014 (Form 10-K for the fiscal year ended December 31, 2013)
10.91	1-9513	(10)(v)	Amended and Restated Investor Partner Tax Indemnification Agreement dated as of June 1, 1990 among Investor Partners, CMS Midland as Indemnitor and CMS Energy as Guarantor (Form 10-K for the fiscal year ended December 31, 1990)
10.101	1-9513	(10)(y)	Environmental Agreement dated as of June 1, 1990 made by CMS Energy to The Connecticut National Bank and Others (Form 10-K for the fiscal year ended December 31, 1990)
10.11	1-5611	(10)(y)	Unwind Agreement dated as of December 10, 1991 by and among CMS Energy, Midland Group, Ltd., Consumers, CMS Midland, Inc., MEC Development Corp. and CMS Midland Holdings Company (Form 10-K for the fiscal year ended December 31, 1991)
10.121	1-9513	(10)(aa)	Parent Guaranty dated as of June 14, 1990 from CMS Energy to MCV, each of the Owner Trustees, the Indenture Trustees, the Owner Participants and the Initial Purchasers of Senior Bonds in the MCV Sale Leaseback transaction, and MEC Development (Form 10-K for the fiscal year ended December 31, 1991)
10.13	1-5611	(10)(j)	Palisades Nuclear Power Plant Power Purchase Agreement dated as of July 11, 2006 between Entergy Nuclear Palisades, LLC and Consumers (Form 10-Q for the quarterly period ended September 30, 2009)
10.141.2	1-9513	(10)(a)	Form of Indemnification Agreement between CMS Energy and its Directors, effective as of November 1, 2007 (Form 10-Q for the quarterly period ended September 30, 2007)



## Edgar Filing: CMS ENERGY CORP - Form 10-K

### Table of Contents

Exhibits	Previously Filed		Description
	With File Number	As Exhibit Number	
10.152	1-5611	(10)(b)	Form of Indemnification Agreement between Consumers and its Directors, effective as of November 1, 2007 (Form 10-Q for the quarterly period ended September 30, 2007)
10.16	1-5611	(10)(t)	Settlement Agreement and Amended and Restated Power Purchase Agreement between Consumers and Midland Cogeneration Venture Limited Partnership (Form 10-Q for the quarterly period ended September 30, 2009)
10.16.a	1-5611	10.4	1st Amendment to the Amended and Restated Power Purchase Agreement between Consumers and MCV Partnership, dated as of March 1, 2010 (Form 10-Q for the quarterly period ended September 30, 2010)
10.172	1-9513	10.2	CMS Incentive Compensation Plan for CMS Energy and Consumers Officers as amended, effective as of March 14, 2014 (Form 10-Q for the quarterly period ended March 31, 2014)
10.17.a2	1-9513		Amendment to CMS Incentive Compensation Plan for CMS Energy and Consumers Officers effective December 17, 2015
10.182	1-9513	10.33	Form of Change in Control Agreement as of January 2014 (Form 10-K for the fiscal year ended December 31, 2013)
10.192	1-5611	10.1	Annual Employee Incentive Compensation Plan for Consumers as amended, effective as of March 14, 2014 (Form 10-Q for the quarterly period ended March 31, 2014)
10.19.a2	1-5611		Amendment to Annual Employee Incentive Compensation Plan for Consumers effective December 17, 2015
10.201	1-9513	10.1	\$550 million Third Amended and Restated Revolving Credit Agreement dated as of May 27, 2015 among CMS Energy, the Banks, as defined therein, and Barclays Bank PLC, as Agent (Form 8-K filed June 1, 2015)
10.21	1-5611	10.2	\$650 million Fourth Amended and Restated Revolving Credit Agreement dated as of May 27, 2015 among Consumers, the Banks, as defined therein, and JPMorgan Chase Bank, N.A., as Agent (Form 8-K filed June 1, 2015)
10.221	1-9513	10.3	Pledge and Security Agreement dated as of March 31, 2011, made by CMS Energy to Barclays Bank PLC, as Administrative Agent for the Banks, as defined therein (Form 8-K filed April 6, 2011)
10.23	1-5611	10.1	\$250 million secured Revolving Credit Agreement dated as of November 23, 2015 between Consumers and The Bank of Nova Scotia (Form 8-K filed November 25, 2015)
10.242	1-9513	10.1	Consumers and other CMS Energy Companies Retired Executives Survivor Benefit Plan for Management/ Executive Employees, distributed July 1, 2011 (Form 10-Q for the quarterly period ended September 30, 2011)
10.251	1-9513	10.1	\$180 million Term Loan Credit Agreement dated as of June 11, 2015 among CMS Energy, the financial institutions named therein, and JPMorgan Chase Bank, N.A., as Agent (Form 8-K filed June 16, 2015)
10.26	1-5611	10.1	Form of Commercial Paper Dealer Agreement between Consumers, as Issuer, and the Dealer party thereto (Form 10-Q for the quarterly period ended September 30, 2014)

## Edgar Filing: CMS ENERGY CORP - Form 10-K

### Table of Contents

Exhibits	Previously Filed		Description
	With File Number	As Exhibit Number	
12.1			Statement regarding computation of CMS Energy's Ratios of Earnings to Fixed Charges and Combined Fixed Charges and Preferred Dividends
12.2			Statement regarding computation of Consumers' Ratios of Earnings to Fixed Charges and Combined Fixed Charges and Preferred Dividends
21.1			Subsidiaries of CMS Energy and Consumers
23.1			Consent of PricewaterhouseCoopers LLP for CMS Energy
23.2			Consent of PricewaterhouseCoopers LLP for Consumers
31.1			CMS Energy's certification of the CEO pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
31.2			CMS Energy's certification of the CFO pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
31.3			Consumers' certification of the CEO pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
31.4			Consumers' certification of the CFO pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
32.1			CMS Energy's certifications pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
32.2			Consumers' certifications pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
99.11	333-199611	99.1	CMS Energy Stock Purchase Plan, as amended and restated October 27, 2014 (Form S-3ASR filed October 27, 2014)
101.INS3			XBRL Instance Document
101.SCH3			XBRL Taxonomy Extension Schema
101.CAL3			XBRL Taxonomy Extension Calculation Linkbase
101.DEF3			XBRL Taxonomy Extension Definition Linkbase
101.LAB3			XBRL Taxonomy Extension Labels Linkbase
101.PRE3			XBRL Taxonomy Extension Presentation Linkbase

1      **Obligations of CMS Energy or its subsidiaries, but not of Consumers.**

2      **Management contract or compensatory plan or arrangement.**

3      **The financial information contained in the XBRL-related information is unaudited and unreviewed.**

Exhibits listed above that have heretofore been filed with the SEC pursuant to various acts administered by the SEC, and which were designated as noted above, are hereby incorporated herein by reference and made a part hereof with the same effect as if filed herewith.