

NRG ENERGY, INC.
Form 10-Q
November 04, 2015

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-Q

Quarterly report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

For the Quarterly Period Ended: September 30, 2015

Transition report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Commission File Number: 001-15891

NRG Energy, Inc.

(Exact name of registrant as specified in its charter)

Delaware

41-1724239

(State or other jurisdiction

(I.R.S. Employer

of incorporation or organization)

Identification No.)

211 Carnegie Center, Princeton, New Jersey

08540

(Address of principal executive offices)

(Zip Code)

(609) 524-4500

(Registrant's telephone number, including area code)

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.

Yes No

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).

Yes No

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.

Large accelerated filer Accelerated filer Non-accelerated filer Smaller reporting company
(Do not check if a smaller reporting company)

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

Yes No

As of October 31, 2015, there were 314,176,328 shares of common stock outstanding, par value \$0.01 per share.

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CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING INFORMATION

This Quarterly Report on Form 10-Q of NRG Energy, Inc., or NRG or the Company, includes forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, or Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, or Exchange Act. The words "believes," "projects," "anticipates," "plans," "expects," "intends," "estimates" and similar expressions are intended to identify forward-looking statements. These forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause NRG's actual results, performance and achievements, or industry results, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. These factors, risks and uncertainties include the factors described under Item 1A — Risk Factors Related to NRG Energy, Inc., in Part I, Item 1A of the Company's Annual Report on Form 10-K for the year ended December 31, 2014, and the following:

• General economic conditions, changes in the wholesale power markets and fluctuations in the cost of fuel;

• Volatile power supply costs and demand for power;

• Hazards customary to the power production industry and power generation operations such as fuel and electricity price volatility, unusual weather conditions, catastrophic weather-related or other damage to facilities, unscheduled generation outages, maintenance or repairs, unanticipated changes to fuel supply costs or availability due to higher demand, shortages, transportation problems or other developments, environmental incidents, or electric transmission or gas pipeline system constraints and the possibility that NRG may not have adequate insurance to cover losses as a result of such hazards;

• The effectiveness of NRG's risk management policies and procedures, and the ability of NRG's counterparties to satisfy their financial commitments;

• Counterparties' collateral demands and other factors affecting NRG's liquidity position and financial condition;

• NRG's ability to operate its businesses efficiently, manage capital expenditures and costs tightly, and generate earnings and cash flows from its asset-based businesses in relation to its debt and other obligations;

• NRG's ability to enter into contracts to sell power and procure fuel on acceptable terms and prices;

• The liquidity and competitiveness of commodities markets;

• Government regulation, including compliance with regulatory requirements and changes in market rules, rates, tariffs and environmental laws and increased regulation of carbon dioxide and other GHG emissions;

• Price mitigation strategies and other market structures employed by ISOs or RTOs that result in a failure to adequately compensate NRG's generation units for all of their costs;

• NRG's ability to borrow additional funds and access capital markets, as well as NRG's substantial indebtedness and the possibility that NRG may incur additional indebtedness going forward;

• NRG's ability to receive loan guarantees or cash grants to support development projects;

• Operating and financial restrictions placed on NRG and its subsidiaries that are contained in the indentures governing

• NRG's outstanding notes, in NRG's Senior Credit Facility, and in debt and other agreements of certain of NRG subsidiaries and project affiliates generally;

• Cyber terrorism and inadequate cybersecurity, or the occurrence of a catastrophic loss and the possibility that NRG may not have adequate insurance to cover losses resulting from such hazards or the inability of NRG's insurers to provide agreed upon coverage;

• NRG's ability to develop and build new power generation facilities, including new renewable projects;

• NRG's ability to implement its strategy;

• NRG's ability to sell assets to NRG Yield, Inc. and to close drop-down transactions;

• NRG's ability to achieve its strategy of regularly returning capital to stockholders;

• NRG's ability to obtain and maintain retail market share;

• NRG's ability to successfully evaluate investments and achieve intended financial results in new business and growth initiatives;

• NRG's ability to successfully integrate, realize cost savings and manage any acquired businesses; and

• NRG's ability to develop and maintain successful partnership relationships.

Forward-looking statements speak only as of the date they were made, and NRG undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. The foregoing review of factors that could cause NRG's actual results to differ materially from those contemplated in any forward-looking statements included in this Quarterly Report on Form 10-Q should not be construed as exhaustive.

GLOSSARY OF TERMS

When the following terms and abbreviations appear in the text of this report, they have the meanings indicated below:

2014 Form 10-K	NRG's Annual Report on Form 10-K for the year ended December 31, 2014
Alta Wind Assets	Seven wind facilities that total 947 MWs located in Tehachapi, California and a portfolio of land leases
ASC	The FASB Accounting Standards Codification, which the FASB established as the source of authoritative U.S. GAAP
ASU	Accounting Standards Updates, which reflect updates to the ASC
Average realized prices	Volume-weighted average power prices, net of average fuel costs and reflecting the impact of settled hedges
B2B	Business-to-business, which includes demand response, commodity sales, energy efficiency and energy management services
BACT	Best Available Control Technology
BTU	British Thermal Unit
Buffalo Bear	Buffalo Bear, LLC, the operating subsidiary of Tapestry Wind LLC, which owns the Buffalo Bear project
CAA	Clean Air Act
CAIR	Clean Air Interstate Rule
CAISO	California Independent System Operator
Capital Allocation Program	NRG's plan of allocating capital between debt reduction, reinvestment in the business, investment in acquisition opportunities, share repurchases and shareholder dividends
CCF	Carbon Capture Facility
CCPI	Clean Coal Power Initiative
CDD	Cooling Degree Day
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
CenterPoint	CenterPoint Energy, Inc. and its subsidiaries, on and after August 31, 2002, and Reliant Energy, Incorporated and its subsidiaries prior to August 31, 2002
CFTC	U.S. Commodity Futures Trading Commission
C&I	Commercial, Industrial and Governmental/Institutional
COD	Commercial Operation Date
ComEd	Commonwealth Edison
CPS	Combined Pollutant Standard
CPUC	California Public Utilities Commission
CSAPR	Cross-State Air Pollution Rule
CVSR	California Solar Valley Ranch
CWA	Clean Water Act
D.C. Circuit	U.S. Court of Appeals for the District of Columbia Circuit
DGPV Holdco	NRG DGPV Holdco 1 LLC
Direct Energy	Direct Energy Business Marketing, LLC
Discrete Customers	Customers measured by unit sales of one-time products or services, such as connected home thermostats, portable solar products and portable battery solutions
Distributed Solar	Solar power projects that primarily sell power produced to customers for usage on site, or are interconnected to sell power into the local distribution grid
Dominion	Dominion Resources, Inc.
Drop Down Assets	Collectively, the June 2014 Drop Down Assets and the January 2015 Drop Down Assets
DSI	Dry Sorbent Injection with Trona

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Economic gross margin	Sum of energy revenue, capacity revenue, retail revenue and other revenue, less cost of sales
EME	Edison Mission Energy
Energy Plus Holdings	Energy Plus Holdings LLC and Energy Plus Natural Gas LLC
EPA	U.S. Environmental Protection Agency
ERCOT	Electric Reliability Council of Texas, the Independent System Operator and the regional reliability coordinator of the various electricity systems within Texas
ESP	Electrostatic Precipitator
ESPP	NRG Energy, Inc. Amended and Restated Employee Stock Purchase Plan
Exchange Act	The Securities Exchange Act of 1934, as amended
FASB	Financial Accounting Standards Board
FCM	Forward Capacity Market
FERC	Federal Energy Regulatory Commission
FPA	Federal Power Act
FTRs	Financial Transmission Rights
GenConn	GenConn Energy LLC
GenOn	GenOn Energy, Inc.
GenOn Americas Generation	GenOn Americas Generation, LLC
GenOn Americas Generation Senior Notes	GenOn Americas Generation's \$850 million outstanding unsecured senior notes consisting of \$450 million of 8.50% senior notes due 2021 and \$400 million of 9.125% senior notes due 2031
GenOn Mid-Atlantic	GenOn Mid-Atlantic, LLC and, except where the context indicates otherwise, its subsidiaries, which include the coal generation units at the Dickerson and Morgantown generating facilities under operating leases
GenOn Senior Notes	GenOn's \$2.0 billion outstanding unsecured senior notes consisting of \$725 million of 7.875% senior notes due 2017, \$675 million of 9.5% senior notes due 2018, and \$550 million of 9.875% senior notes due 2020
GHG	Greenhouse Gases
GWh	Gigawatt Hour
HAPs	Hazardous Air Pollutants
HDD	Heating Degree Day
Heat Rate	A measure of thermal efficiency computed by dividing the total BTU content of the fuel burned by the resulting kWhs generated. Heat rates can be expressed as either gross or net heat rates, depending whether the electricity output measured is gross or net generation and is generally expressed as BTU per net kWh
High Desert	TA - High Desert, LLC, which owns the High Desert project
IASB	Independent Accounting Standards Board
ICAP	New York Installed Capacity
IFRS	International Financial Reporting Standards
IL CPS	Illinois Combined Pollutant Standard
ILU	Illinois Union Insurance Company
IPPNY	Independent Power Producers of New York
ISO	Independent System Operator
January 2015 Drop Down Assets	The Laredo Ridge, Tapestry and Walnut Creek projects, which were sold to NRG Yield, Inc. on January 2, 2015
June 2014 Drop Down Assets	The High Desert, Kansas South and El Segundo projects, which were sold to NRG Yield, Inc. on June 30, 2014

JX Nippon
Kansas South
kV
kWh

JX Nippon Oil Exploration (EOR) Limited
NRG Solar Kansas South LLC, which owns the Kansas South project
Kilovolts
Kilowatt-hours

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LA DEQ	Louisiana Department of Environmental Quality
LaGen	Louisiana Generating LLC
Laredo Ridge	Laredo Ridge Wind, LLC, the operating subsidiary of Mission Wind Laredo, LLC, which owns the Laredo Ridge project
LIBOR	London Inter-Bank Offered Rate
LTIPs	Collectively, the NRG Long-Term Incentive Plan and the NRG GenOn Long-Term Incentive Plan
Mass	Residential and Small Business
MATS	Mercury and Air Toxics Standards promulgated by the EPA
MDE	Maryland Department of the Environment
Midwest Generation	Midwest Generation, LLC
MISO	Midcontinent Independent System Operator, Inc.
MMBtu	Million British Thermal Units
MW	Megawatt
MWh	Saleable megawatt hours, net of internal/parasitic load megawatt-hours
MWt	Megawatts Thermal Equivalent
NAAQS	National Ambient Air Quality Standards
NEPOOL	New England Power Pool
NERC	North American Electric Reliability Corporation
Net Exposure	Counterparty credit exposure to NRG, net of collateral
NextEra	NextEra Energy Resources, LLC
NOL	Net Operating Loss
NO _x	Nitrogen Oxide
NPDES	National Pollutant Discharge Elimination System
NPNS	Normal Purchase Normal Sale
NRC	U.S. Nuclear Regulatory Commission
NRG	NRG Energy, Inc.
NRG Marsh Landing	NRG Marsh Landing, LLC
NRG Wind TE Holdco	NRG Wind TE Holdco LLC
NRG Yield	Reporting segment that includes the projects held by NRG Yield, Inc.
NRG Yield, Inc.	NRG Yield, Inc., the owner of 53.3% of NRG Yield LLC with a controlling interest, and issuer of publicly held shares of Class A and Class C common stock
NSR	New Source Review
Nuclear Decommissioning Trust Fund	NRG's nuclear decommissioning trust fund assets, which are for the Company's portion of the decommissioning of the STP, units 1 & 2
NYAG	State of New York Office of Attorney General
NYISO	New York Independent System Operator
NYPA	New York Power Authority
NYSPSC	New York State Public Service Commission
OCI	Other Comprehensive Income/(Loss)
Peaking	Units expected to satisfy demand requirements during the periods of greatest or peak load on the system
PG&E	Pacific Gas and Electric Company
Pinnacle	Pinnacle Wind, LLC, the operating subsidiary of Tapestry Wind LLC, which owns the Pinnacle project
PJM	PJM Interconnection, LLC
PM	Particulate Matter
POJO	

Powerton and Joliet, of which the Company leases 100% interests in Unit 7 and Unit 8 of the Joliet generating facility and the Powerton generating facility, through Midwest Generation

PPA	Power Purchase Agreement
PPTA	Power Purchase Tolling Agreement
PSCs	Public Service Commissions
PSD	Prevention of Significant Deterioration
PUCT	Public Utility Commission of Texas
RCRA	Resource Conservation and Recovery Act of 1976
RDS	Roof Diagnostics Solar
Recurring Customers	Customers that subscribe to one or more recurring services, such as electricity, natural gas and protection products, the majority of which are retail electricity customers in Texas and the Northeast
REMA	NRG REMA LLC, which leases a 100% interest in the Shawville generating facility and 16.7% and 16.5% interests in the Keystone and Conemaugh generating facilities, respectively
Repowering	Technologies utilized to replace, rebuild, or redevelop major portions of an existing electrical generating facility, generally to achieve a substantial emissions reduction, increase facility capacity, and improve system efficiency
Revolving Credit Facility	The Company's \$2.5 billion revolving credit facility due 2018, a component of the Senior Credit Facility
RFP	Request For Proposal
RGGI	Regional Greenhouse Gas Initiative
Right of First Offer Agreement	Amended and Restated Right of First Offer Agreement by and between NRG Energy, Inc. and NRG Yield, Inc.
RMR	Reliability Must-Run
RPM	Reliability Pricing Model
RPV Holdco	NRG RPV Holdco 1 LLC
RSSA	Reliability Support Services Agreement
RTO	Regional Transmission Organization
Sabine	Sabine Cogen, L.P.
SCE	Southern California Edison
SCR	Selective Catalytic Reduction Control System
SDG&E	San Diego Gas & Electric
SEC	U.S. Securities and Exchange Commission
Senior Credit Facility	NRG's senior secured facility, comprised of the Term Loan Facility and the Revolving Credit Facility The Company's \$6.4 billion outstanding unsecured senior notes, consisting of \$1.1 billion of 7.625% senior notes due 2018, \$1.1 billion of 8.25% senior notes due 2020, \$1.1 billion of 7.875% senior notes due 2021, \$1.1 billion of 6.25% senior notes due 2022, \$990 million of 6.625% senior notes due 2023, and \$1.0 billion of 6.25% senior notes due 2024
Senior Notes	
SF6	Sulfur Hexafluoride
SO ₂	Sulfur Dioxide
STP	South Texas Project — nuclear generating facility located near Bay City, Texas in which NRG owns a 44% interest
SunPower	SunPower Corporation, Systems
Taloga	Taloga Wind, LLC, the operating subsidiary of Tapestry Wind LLC, which owns the Taloga project
TCPA	Telephone Consumer Protection Act
Term Loan Facility	

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The Company's \$2.0 billion term loan facility due 2018, a component of the Senior Credit Facility

U.S.
U.S. DOE
U.S. GAAP

United States of America
U.S. Department of Energy
Accounting principles generally accepted in the U.S.

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Utility Scale Solar	Solar power projects, typically 20 MW or greater in size (on an alternating current basis), that are interconnected into the transmission or distribution grid to sell power at a wholesale level
VaR	Value at Risk
VIE	Variable Interest Entity
Walnut Creek	NRG Walnut Creek, LLC, the operating subsidiary of WCEP Holdings, LLC, which owns the Walnut Creek project
Yield Operating	NRG Yield Operating LLC

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PART I — FINANCIAL INFORMATION

ITEM 1 — CONDENSED CONSOLIDATED FINANCIAL STATEMENTS AND NOTES

NRG ENERGY, INC. AND SUBSIDIARIES

CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS

(Unaudited)

(In millions, except for per share amounts)	Three months ended		Nine months ended	
	September 30, 2015	2014	September 30, 2015	2014
Operating Revenues				
Total operating revenues	\$4,431	\$4,569	\$11,654	\$11,676
Operating Costs and Expenses				
Cost of operations	3,034	3,278	8,530	8,843
Depreciation and amortization	382	375	1,173	1,096
Impairment losses	263	70	263	70
Selling, general and administrative	332	258	886	737
Acquisition-related transaction and integration costs	3	17	16	69
Development activity expenses	38	22	113	62
Total operating costs and expenses	4,052	4,020	10,981	10,877
Gain on postretirement benefits curtailment and sale of assets	—	—	14	19
Operating Income	379	549	687	818
Other Income/(Expense)				
Equity in earnings of unconsolidated affiliates	24	18	29	39
Other income/(expense), net	4	(3)	27	13
Loss on debt extinguishment	(2)	(13)	(9)	(94)
Interest expense	(291)	(280)	(855)	(809)
Total other expense	(265)	(278)	(808)	(851)
Income/(Loss) Before Income Taxes	114	271	(121)	(33)
Income tax expense/(benefit)	47	89	(43)	(68)
Net Income/(Loss)	67	182	(78)	35
Less: Net income/(loss) attributable to noncontrolling interest and redeemable noncontrolling interests	1	14	(10)	20
Net Income/(Loss) Attributable to NRG Energy, Inc.	66	168	(68)	15
Dividends for preferred shares	5	2	15	7
Income/(Loss) Available for Common Stockholders	\$61	\$166	\$(83)	\$8
Earnings/(Loss) per Share Attributable to NRG Energy, Inc.				
Common Stockholders				
Weighted average number of common shares outstanding — basic	331	338	334	333
Earnings/(Loss) per Weighted Average Common Share — Basic	\$0.18	\$0.49	\$(0.25)	\$0.02
Weighted average number of common shares outstanding — diluted	332	343	334	338
Earnings/(Loss) per Weighted Average Common Share — Diluted	\$0.18	\$0.48	\$(0.25)	\$0.02
Dividends Per Common Share	\$0.15	\$0.14	\$0.44	\$0.40

See accompanying notes to condensed consolidated financial statements.

NRG ENERGY, INC. AND SUBSIDIARIES
 CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME/(LOSS)
 (Unaudited)

	Three months ended September 30,		Nine months ended September 30,	
	2015	2014	2015	2014
	(In millions)			
Net Income/(Loss)	\$67	\$182	\$(78)	) \$35
Other Comprehensive Income/(Loss), net of tax				
Unrealized (loss)/gain on derivatives, net of income tax (benefit)/expense of \$(12), \$4, \$(6) and \$(11)	(6	) 4	(2	) (24
Foreign currency translation adjustments, net of income tax benefit of \$(5), \$(6), \$(6) and \$(2)	(8	) (6	) (10	) (3
Available-for-sale securities, net of income tax expense/(benefit) of \$6, \$(1), \$1 and \$0	(7	) (2	) (11	) 2
Defined benefit plans, net of tax expense/(benefit) of \$2, \$0, \$6 and \$(7)	3	(3	) 9	9
Other comprehensive loss	(18	) (7	) (14	) (16
Comprehensive Income/(Loss)	49	175	(92	) 19
Less: Comprehensive (loss)/income attributable to noncontrolling interest and redeemable noncontrolling interests	(17	) 17	(34	) 14
Comprehensive Income/(Loss) Attributable to NRG Energy, Inc.	66	158	(58	) 5
Dividends for preferred shares	5	2	15	7
Comprehensive Income/(Loss) Available for Common Stockholders	\$61	\$156	\$(73)	) \$(2)

See accompanying notes to condensed consolidated financial statements.

NRG ENERGY, INC. AND SUBSIDIARIES
CONDENSED CONSOLIDATED BALANCE SHEETS

(In millions, except shares)	September 30, 2015 (unaudited)	December 31, 2014
ASSETS		
Current Assets		
Cash and cash equivalents	\$2,265	\$2,116
Funds deposited by counterparties	68	72
Restricted cash	497	457
Accounts receivable — trade, less allowance for doubtful accounts of \$26 and \$23,492	21,492	1,322
Inventory	1,149	1,247
Derivative instruments	1,580	2,425
Cash collateral paid in support of energy risk management activities	367	187
Deferred income taxes	169	174
Renewable energy grant receivable, net	26	135
Prepayments and other current assets	460	447
Total current assets	8,073	8,582
Property, plant and equipment, net of accumulated depreciation of \$8,969 and \$7,890	21,985	22,367
Other Assets		
Equity investments in affiliates	1,068	771
Notes receivable, less current portion	62	72
Goodwill	2,503	2,574
Intangible assets, net of accumulated amortization of \$1,590 and \$1,402	2,371	2,567
Nuclear decommissioning trust fund	551	585
Derivative instruments	522	480
Deferred income taxes	1,427	1,406
Other non-current assets	1,426	1,261
Total other assets	9,930	9,716
Total Assets	\$39,988	\$40,665
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current Liabilities		
Current portion of long-term debt and capital leases	\$457	\$474
Accounts payable	1,173	1,060
Derivative instruments	1,416	2,054
Cash collateral received in support of energy risk management activities	68	72
Accrued expenses and other current liabilities	1,222	1,199
Total current liabilities	4,336	4,859
Other Liabilities		
Long-term debt and capital leases	19,598	19,900
Nuclear decommissioning reserve	322	310
Nuclear decommissioning trust liability	280	333
Deferred income taxes	20	21
Derivative instruments	619	438
Out-of-market contracts, net of accumulated amortization of \$639 and \$562	1,168	1,244
Other non-current liabilities	1,478	1,574

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Total non-current liabilities	23,485	23,820	
Total Liabilities	27,821	28,679	
2.822% convertible perpetual preferred stock	299	291	
Redeemable noncontrolling interest in subsidiaries	29	19	
Commitments and Contingencies			
Stockholders' Equity			
Common stock	4	4	
Additional paid-in capital	8,382	8,327	
Retained earnings	3,358	3,588	
Less treasury stock, at cost — 97,190,988 and 78,843,552 shares, respectively	(2,330)	(1,983))
Accumulated other comprehensive loss	(188)	(174))
Noncontrolling interest	2,613	1,914	
Total Stockholders' Equity	11,839	11,676	
Total Liabilities and Stockholders' Equity	\$39,988	\$40,665	

See accompanying notes to condensed consolidated financial statements.

ENERGY, INC. AND SUBSIDIARIES
 CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
 (Unaudited)

	Nine months ended September 30,	
	2015	2014
	(In millions)	
Cash Flows from Operating Activities		
Net (Loss)/Income	\$(78	) \$35
Adjustments to reconcile net loss to net cash provided by operating activities:		
Distributions and equity in earnings of unconsolidated affiliates	28	32
Depreciation and amortization	1,173	1,096
Provision for bad debts	49	49
Amortization of nuclear fuel	36	33
Amortization of financing costs and debt discount/premiums	(9	) (9
Adjustment for debt extinguishment	9	24
Amortization of intangibles and out-of-market contracts	68	52
Amortization of unearned equity compensation	37	32
Changes in deferred income taxes and liability for uncertain tax benefits	(72	) (75
Changes in nuclear decommissioning trust liability	1	12
Changes in derivative instruments	180	248
Changes in collateral deposits supporting energy risk management activities	(180	) (100
Loss on sale of emission allowances	(6	) 2
Gain on postretirement benefits curtailment and sale of assets	(14	) (26
Impairment losses	263	70
Cash used by changes in other working capital	(93	) (361
Net Cash Provided by Operating Activities	1,392	1,114
Cash Flows from Investing Activities		
Acquisitions of businesses, net of cash acquired	(31	) (2,832
Capital expenditures	(889	) (675
Increase in restricted cash, net	(41	) (52
Decrease in restricted cash to support equity requirements for U.S. DOE funded projects	1	21
Decrease in notes receivable	10	21
Investments in nuclear decommissioning trust fund securities	(500	) (475
Proceeds from the sale of nuclear decommissioning trust fund securities	499	463
Proceeds from renewable energy grants and state rebates	62	431
Proceeds from sale of assets, net of cash disposed of	1	153
Cash proceeds to fund cash grant bridge loan payment	—	57
Investments in unconsolidated affiliates	(357	) (87
Other	13	17
Net Cash Used by Investing Activities	(1,232	) (2,958
Cash Flows from Financing Activities		
Payment of dividends to common and preferred stockholders	(152	) (140
Payment for treasury stock	(353) —
Net receipts from/(payments for) settlement of acquired derivatives that include financing elements	138	(64
Proceeds from issuance of long-term debt	679	4,456

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Distributions from, net of contributions to, noncontrolling interest in subsidiaries	651	639	
Proceeds from issuance of common stock	1	15	
Payment of debt issuance costs	(14	) (57)
Payments for short and long-term debt	(954	) (3,308)
Other	(22) —	
Net Cash (Used)/Provided by Financing Activities	(26	) 1,541	
Effect of exchange rate changes on cash and cash equivalents	15	2	
Net Increase/ (Decrease) in Cash and Cash Equivalents	149	(301)
Cash and Cash Equivalents at Beginning of Period	2,116	2,254	
Cash and Cash Equivalents at End of Period	\$2,265	\$1,953	
See accompanying notes to condensed consolidated financial statements.			

NRG ENERGY, INC. AND SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

Note 1 — Basis of Presentation

NRG Energy, Inc., or NRG or the Company, is a competitive power company, which produces, sells and delivers energy and energy products and services in major competitive power markets primarily in the U.S. while positioning itself as a leader in the way residential, industrial and commercial consumers think about and use energy products and services. NRG has one of the nation's largest and most diverse competitive power generation portfolios balanced with one of the nation's largest retail energy providers. The Company owns and operates approximately 50,000 MWs of generation; engages in the trading of wholesale energy, capacity and related products; transacts in and trades fuel and transportation services; and directly sells energy, services, and innovative, sustainable products and services to retail customers under the name "NRG" and various other retail brand names owned by NRG.

On June 29, 2015, NRG Yield, Inc. closed on its offering of 28,198,000 shares of Class C common stock at a price of \$22 per share, which included 3,678,000 shares of Class C common stock purchased by the underwriters through an over-allotment option. Net proceeds to NRG Yield, Inc. from the sale of the Class C common stock were \$599 million, net of underwriting discounts and commissions of \$21 million. The additional equity offering reduced the Company's economic interest in NRG Yield, Inc. to 46.7% and its voting interest to 55.1%. The Company continues to consolidate NRG Yield, Inc. through its controlling interest.

The accompanying unaudited interim condensed consolidated financial statements have been prepared in accordance with the SEC's regulations for interim financial information and with the instructions to Form 10-Q. Accordingly, they do not include all of the information and notes required by generally accepted accounting principles for complete financial statements. The following notes should be read in conjunction with the accounting policies and other disclosures as set forth in the notes to the consolidated financial statements in the Company's 2014 Form 10-K. Interim results are not necessarily indicative of results for a full year.

In the opinion of management, the accompanying unaudited interim condensed consolidated financial statements contain all material adjustments consisting of normal and recurring accruals necessary to present fairly the Company's consolidated financial position as of September 30, 2015, and the results of operations, comprehensive income/(loss) and cash flows for the nine months ended September 30, 2015, and 2014.

Use of Estimates

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements, disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from these estimates.

Reclassifications

Certain prior year amounts have been reclassified for comparative purposes. The reclassifications did not affect results from operations, net assets or cash flows.

Note 2 — Summary of Significant Accounting Policies

Other Cash Flow Information

NRG's investing activities exclude capital expenditures of \$69 million which were accrued and unpaid at September 30, 2015.

Noncontrolling Interest

The following table reflects the changes in NRG's noncontrolling interest balance:

	(In millions)
Balance as of December 31, 2014	\$1,914
Sale of assets to NRG Yield, Inc.	(27)
Distributions to noncontrolling interest	(115)
Contributions from noncontrolling interest	153
Increase to noncontrolling interest due to NRG Yield, Inc. acquisitions	74
Proceeds received from NRG Yield, Inc. public offering	599
Non-cash adjustments for equity component of NRG Yield, Inc. convertible notes	23
Non-cash increase to noncontrolling interest	19
Comprehensive loss attributable to noncontrolling interest	(27)
Balance as of September 30, 2015	\$2,613

NRG DGPV Holdco 1 LLC

On May 8, 2015, NRG Yield DGPV Holding LLC, a subsidiary of NRG Yield, Inc., and NRG Renew LLC, a subsidiary of the Company, entered into a partnership by forming NRG DGPV Holdco 1 LLC, or DGPV Holdco, the purpose of which is to own or purchase solar power generation projects and other ancillary related assets from NRG Renew LLC, via intermediate funds, including: (i) a tax equity-financed portfolio of 11 recently completed community solar projects representing approximately 11 MW with a weighted average remaining PPA term of 20 years; and (ii) a tax equity-financed portfolio of approximately 29 commercial photovoltaic systems representing approximately 89 MW. As of September 30, 2015, NRG Yield, Inc.'s investment in DGPV Holdco related to the recently completed community solar projects was \$17 million. Additionally, as of September 30, 2015, NRG Yield, Inc.'s investment related to commercial photovoltaic systems was \$2 million. The following illustrates the structure of DGPV Holdco:

NRG RPV Holdco 1 LLC

On April 9, 2015, NRG Yield RPV Holding LLC, a subsidiary of NRG Yield, Inc. and NRG Residential Solar Solutions LLC, a subsidiary of the Company, entered into a partnership, through their ownership of NRG RPV Holdco 1 LLC, or RPV Holdco, that will invest in and hold operating portfolios of residential solar assets developed by NRG Home Solar, including: (i) an existing, unlevered portfolio of over 2,200 leases across nine states representing approximately 17 MW with a weighted average remaining lease term of approximately 17 years, in which NRG Yield, Inc. invested \$26 million in April 2015; and (ii) tax equity-financed portfolios of approximately 13,000 leases representing approximately 90 MW with an average lease term for the existing and new leases of approximately 17 to 20 years. NRG Yield, Inc. has committed to invest up to an additional \$150 million of cash contributions into the partnership over time, excluding the \$26 million noted above. As of September 30, 2015, NRG Yield, Inc. has contributed \$21 million of the \$150 million committed contributions. The following illustrates the structure of RPV Holdco:

Alta Wind X-XI TE Holdco, LLC

On June 30, 2015, NRG Yield Operating LLC, a subsidiary of NRG Yield, Inc., sold an economic interest in Alta Wind X-XI TE Holdco LLC, or Alta TE Holdco, holder of the Alta Wind X and Alta Wind XI projects, to a financial institution in order to monetize cash and tax attributes, primarily production tax credits. The net proceeds of \$119 million are reflected as noncontrolling interest in the Company's balance sheet.

NRG Yield, Inc. Issuance of Class C Common Stock and Convertible Notes

On June 29, 2015, NRG Yield, Inc. issued 28,198,000 shares of Class C common stock for net proceeds of \$599 million, as described in Note 1, Basis of Presentation, and issued \$287.5 million in aggregate principal amount of 3.25% Convertible Senior Notes, due 2020, as described in Note 8, Debt and Capital Leases. The value of the conversion option of \$23 million is reflected in the NRG Yield, Inc. noncontrolling interest balance.

Redeemable Noncontrolling Interest in Subsidiaries

Redeemable noncontrolling interest in subsidiaries represents third-party interests in the net assets under certain arrangements that the Company has entered into to finance the cost of certain projects, including solar energy systems under operating leases and wind facilities eligible for certain tax credits. To the extent that the third party has the right to redeem its interests for cash or other assets, the Company has included the noncontrolling interest attributable to the third party as a component of temporary equity in the mezzanine section of the consolidated balance sheet. The following table reflects the changes in the Company's redeemable noncontrolling interest balance for the nine months ended September 30, 2015:

	(In millions)
Balance as of December 31, 2014	\$ 19
Cash contributions from noncontrolling interest	17
Comprehensive loss attributable to noncontrolling interest	(7)
Balance as of September 30, 2015	\$ 29

Gain on Postretirement Benefits Curtailment

During the first quarter of 2015, the Company recognized a gain of \$14 million related to the curtailment of certain of the Company's postretirement plans.

Recent Accounting Developments

ASU 2015-16 — In September 2015, the FASB issued ASU No. 2015-16, Business Combinations (Topic 805): Simplifying the Accounting for Measurement-Period Adjustments, or ASU No. 2015-16. The amendments of ASU No. 2015-16 require that an acquirer recognize measurement period adjustments to the provisional amounts recognized in a business combination in the reporting period during which the adjustments are determined. Additionally, the amendments of ASU No. 2015-16 require the acquirer to record in the same period's financial statements the effect on earnings of changes in depreciation, amortization or other income effects, if any, as a result of the measurement period adjustment, calculated as if the accounting had been completed at the acquisition date as well as disclosing either on the face of the income statement or in the notes the portion of the amount recorded in current period earnings that would have been recorded in previous reporting periods. The guidance in ASU No. 2015-16 is effective for financial statements issued for fiscal years beginning after December 15, 2015, and interim periods within those fiscal years. The amendments should be applied prospectively. The adoption of this standard is not expected to have a material impact on the Company's results of operations, cash flows or financial position.

ASU 2015-03 and ASU 2015-15 — In April 2015, the FASB issued ASU No. 2015-03, Interest - Imputation of Interest (Subtopic 835-30): Simplifying the Presentation of Debt Issuance Costs, or ASU No. 2015-03. The amendments of ASU No. 2015-03 were issued to reduce complexity in the balance sheet presentation of debt issuance costs. ASU No. 2015-03 requires that debt issuance costs be presented in the balance sheet as a direct deduction from the carrying amount of debt liability, consistent with debt discounts or premiums. The recognition and measurement guidance for debt issuance costs are not affected by the amendments in this standard. Additionally, in August 2015, the FASB issued ASU No. 2015-15, Interest - Imputation of Interest (Subtopic 835-30): Presentation and Subsequent Measurement of Debt Issuance Costs Associated with Line-of-Credit Arrangements, or ASU No. 2015-15, as ASU No. 2015-03 did not specifically address presentation or subsequent measurement of debt issuance costs related to line-of-credit arrangements. ASU No. 2015-15 allows an entity to continue to defer and present debt issuance costs ratably over the term of the line-of-credit arrangement, regardless of whether there are any outstanding borrowings on the line-of-credit arrangement. The guidance in ASU No. 2015-03 and ASU No. 2015-15 is effective for financial statements issued for fiscal years beginning after December 15, 2015, and interim periods within those fiscal years. Early adoption is permitted for financial statements that have not been previously issued. The adoption of ASU No. 2015-03 is not expected to have a material impact on the Company's balance sheets on a gross basis and will have no impact on net assets.

ASU 2015-02 — In February 2015, the FASB issued ASU No. 2015-02, Consolidation (Topic 810): Amendments to the Consolidation Analysis, or ASU No. 2015-02. The amendments of ASU No. 2015-02 were issued in an effort to minimize situations under previously existing guidance in which a reporting entity was required to consolidate another legal entity in which that reporting entity did not have: (1) the ability through contractual rights to act primarily on its own behalf; (2) ownership of the majority of the legal entity's voting rights; or (3) the exposure to a majority of the legal entity's economic benefits. ASU No. 2015-02 affects reporting entities that are required to evaluate whether they should consolidate certain legal entities. All legal entities are subject to reevaluation under the revised consolidation model. The guidance in ASU No. 2015-02 is effective for periods beginning after December 15, 2015. Early adoption is permitted. The Company adopted the standard effective January 1, 2015 and the adoption of this standard did not impact the Company's results of operations, cash flows or financial position.

ASU 2014-16 — In November 2014, the FASB issued ASU No. 2014-16, Derivatives and Hedging (Topic 815): Determining Whether the Host Contract in a Hybrid Financial Instrument Issued in the Form of a Share Is More Akin to Debt or to Equity, or ASU No. 2014-16. The amendments of ASU No. 2014-16 clarify how U.S. GAAP should be applied in determining whether the nature of a host contract is more akin to debt or equity and in evaluating whether the economic characteristics and risks of an embedded feature are "clearly and closely related" to its host contract. The guidance in ASU No. 2014-16 is effective for fiscal years, and interim periods within those fiscal years, beginning

after December 15, 2015. Early adoption is permitted. The Company adopted the standard effective January 1, 2015 and the adoption of this standard did not impact the Company's results of operations, cash flows or financial position.

ASU 2014-09 — In May 2014, the FASB issued ASU No. 2014-09, Revenue from Contracts with Customers (Topic 606), or ASU No. 2014-09. The amendments of ASU No. 2014-09 complete the joint effort between the FASB and the International Accounting Standards Board, or IASB, to develop a common revenue standard for U.S. GAAP and International Financial Reporting Standards, or IFRS, and to improve financial reporting. The guidance in ASU No. 2014-09 provides that an entity should recognize revenue to depict the transfer of goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled to in exchange for the goods or services provided and establishes the following steps to be applied by an entity: (1) identify the contract with a customer; (2) identify the performance obligations in the contract; (3) determine the transaction price; (4) allocate the transaction price to the performance obligations in the contract; and (5) recognize revenue when (or as) the entity satisfies the performance obligation. In August 2015, the FASB issued ASU 2015-14, which formally deferred the effective date by one year to make the guidance of ASU No. 2014-09 effective for annual reporting periods beginning after December 15, 2017, including interim periods therein. Early adoption is permitted, but not prior to the original effective date, which was for annual reporting periods beginning after December 15, 2016. The Company is currently evaluating the impact of the standard on the Company's results of operations, cash flows and financial position.

Note 3 — Business Acquisitions and Dispositions

The Company has completed the following business acquisitions and dispositions that are material to the Company's financial statements:

NRG Yield Acquisitions

2015 Acquisition of Desert Sunlight

On June 29, 2015, NRG Yield, Inc., through its subsidiary Yield Operating, acquired 25% of the membership interest in Desert Sunlight Investment Holdings, LLC, which owns two solar photovoltaic facilities that total 550 MWs located in Desert Center, California from EFS Desert Sun, LLC, an affiliate of GE Energy Financial Services, for a purchase price of \$285 million. The Company accounts for its 25% investment as an equity method investment.

2014 Acquisition of Alta Wind

On August 12, 2014, NRG Yield, Inc., through its subsidiary Yield Operating, completed the acquisition of 100% of the membership interests of Alta Wind Asset Management Holdings, LLC, Alta Wind Company, LLC, Alta Wind X Holding Company, LLC, and Alta Wind XI Holding Company, LLC, which collectively own seven wind facilities that total 947 MWs located in Tehachapi, California and a portfolio of land leases, or the Alta Wind Assets. Power generated by the Alta Wind facilities is sold to Southern California Edison under long-term power purchase agreements, with 21 years of remaining contract life for Alta I-V. The Alta X and XI power purchase agreements begin in 2016 with terms of 22 years and currently sell energy and renewable energy credits on a merchant basis. The purchase price of the Alta Wind Assets was \$923 million, which was comprised of a purchase price of \$870 million and \$53 million paid for working capital balances. In order to fund the purchase price of the acquisition, NRG Yield, Inc. issued 12,075,000 shares of its Class A common stock on July 29, 2014, for net proceeds of \$630 million. In addition, on August 5, 2014, Yield Operating issued \$500 million in aggregate principal amount at par of 5.375% senior notes due August 2024. Interest on the notes is payable semi-annually on February 15 and August 15 of each year and commenced on February 15, 2015. The notes are senior unsecured obligations of Yield Operating and are guaranteed by NRG Yield LLC, Yield Operating's parent company, and by certain of Yield Operating's wholly-owned subsidiaries.

The acquisition was recorded as a business combination under ASC 805, with identifiable assets acquired and liabilities assumed provisionally recorded at their estimated fair values on the acquisition date. The accounting for the business combination was completed as of August 11, 2015, at which point the fair values became final. The following table summarizes the provisional amounts recognized for assets acquired and liabilities assumed as of December 31, 2014, as well as adjustments made through August 11, 2015, when the allocation became final. The purchase price of \$923 million was allocated as follows:

	Acquisition Date Fair Value at December 31, 2014 (In millions)	Measurement period adjustments	Revised Acquisition Date
Assets			
Cash	\$22	\$—	\$22
Current and non-current assets	49	(2)	47
Property, plant and equipment	1,304	6	1,310
Intangible assets	1,177	(6)	1,171
Total assets acquired	2,552	(2)	2,550
Liabilities			
Debt	1,591	—	1,591
Current and non-current liabilities	38	(2)	36
Total liabilities assumed	1,629	(2)	1,627
Net assets acquired	\$923	\$—	\$923

Acquisitions of Assets from NRG

On November 3, 2015, the Company sold 75% of the Class B interests of NRG Wind TE Holdco, which owns a portfolio of 12 wind facilities totaling 814 net MW, to NRG Yield, Inc. NRG Yield Inc., paid total cash consideration of \$210 million, subject to working capital adjustments. NRG Yield, Inc. will be responsible for its pro-rata share of non-recourse project debt of \$193 million and noncontrolling interest associated with a tax equity structure of \$165 million (as of September 30, 2015).

On January 2, 2015, the Company sold the following facilities to NRG Yield, Inc.: Walnut Creek, the Tapestry projects (Buffalo Bear, Pinnacle and Taloga) and Laredo Ridge. NRG Yield, Inc. paid total cash consideration of \$489 million, including \$9 million of working capital adjustments, plus assumed project level debt of \$737 million. The sale was recorded as a transfer of entities under common control and the related assets were transferred at their carrying value of \$405 million.

On June 30, 2014, the Company sold the following facilities to NRG Yield, Inc.: High Desert, Kansas South, and El Segundo Energy Center. NRG Yield, Inc. paid total cash consideration of \$357 million, which represents a base purchase price of \$349 million and \$8 million of working capital adjustments, plus assumed project level debt of approximately \$612 million. The sale was recorded as a transfer of entities under common control and the related assets were transferred at their carrying value of \$236 million.

NRG Dispositions

Sale of Sabine

On December 2, 2014, the Company, through its subsidiaries GenOn Sabine (Delaware), Inc. and GenOn Sabine (Texas), Inc., completed the sale of its 50% interest in Sabine to Bayou Power, LLC, an affiliate of Rockland Capital, LLC. Sabine owns a 105 MW natural gas-fired cogeneration facility located in Texas. The Company received cash consideration of \$35 million at closing. A gain of \$18 million was recognized as a result of the transaction and recorded as a gain on sale of equity-method investments within the Company's consolidated statements of operations.

Disposition of 50% Interest in Petra Nova Parish Holdings LLC

On July 3, 2014, the Company, through its wholly owned subsidiary Petra Nova Holdings LLC, sold 50% of its interest in Petra Nova Parish Holdings LLC to JX Nippon, a wholly owned subsidiary of JX Nippon Oil & Gas Exploration Corporation. As a result of the sale, the Company no longer has a controlling interest in and has deconsolidated Petra Nova Parish Holdings LLC as of the date of the sale. On July 7, 2014, the Company made its initial capital contribution into the partnership of \$35 million, which was funded with a portion of the sale proceeds of \$76 million. On March 3, 2014, Petra Nova CCS I LLC, a wholly owned subsidiary of Petra Nova Parish Holdings LLC, entered into a fixed-price agreement to build and operate a CCF at the W.A. Parish facility with a consortium of Mitsubishi Heavy Industries America, Inc. and TIC - The Industrial Company. Notice to proceed for the construction on the CCF was issued on July 15, 2014, and commercial operation is expected in late 2016.

Petra Nova Parish Holdings LLC also owns a 75 MW peaking unit at W.A. Parish, which achieved commercial operations on June 26, 2013. The peaking unit will be converted into a cogeneration facility to provide power and steam to the CCF. The project is being financed by: (i) up to \$167 million from a U.S. DOE CCPI grant, (ii) \$250 million in loans provided by the Japan Bank for International Cooperation and Mizuho Bank, Ltd., and (iii) approximately \$300 million in equity contributions from each of the Company and JX Nippon. NRG's contribution will include investments already made during the development of the project.

NRG Acquisitions

Acquisition of Dominion's Competitive Electric Retail Business

On March 31, 2014, the Company acquired the competitive retail electricity business of Dominion. The acquisition of Dominion's competitive retail electricity business increased NRG's retail portfolio by approximately 540,000 customers in the aggregate by the end of 2014. The acquisition supports NRG's ongoing efforts to expand the Company's retail footprint in the Northeast and to grow its retail position in Texas. The Company paid approximately \$192 million as cash consideration for the acquisition, including \$165 million of purchase price and \$27 million paid for working capital balances, which was funded by cash on hand. The purchase price was allocated to the following: \$40 million to accounts receivable-trade, \$64 million to customer relationships, \$9 million to trade names, \$14 million to current assets, \$21 million to derivative assets, \$47 million to current and non-current liabilities, and goodwill of \$91 million, of which \$8 million is deductible for U.S. income tax purposes in future periods. The factors that resulted in goodwill arising from the acquisition include the revenues associated with new customers in new regions and through the synergies associated with combining a new retail business with the Company's existing retail and generation assets. The assets acquired and liabilities assumed are included within the NRG Home Retail segment. The accounting for the Dominion acquisition was completed as of March 30, 2015, at which point the provisional fair values became final with no material changes.

EME Acquisition

On April 1, 2014, the Company acquired substantially all of the assets of EME. EME, through its subsidiaries and affiliates, owned or leased and operated a portfolio of approximately 8,000 MW consisting of wind energy facilities and coal- and gas-fired generating facilities. The Company paid an aggregate purchase price of \$3.5 billion, which was funded through the issuance of 12,671,977 shares of NRG common stock on April 1, 2014, the issuance of \$700 million in newly-issued corporate debt and cash on hand. The Company also assumed non-recourse debt of approximately \$1.2 billion.

In connection with the transaction, NRG agreed to certain conditions with the parties to the POJO sale-leaseback transaction subject to which an NRG subsidiary assumed the POJO leveraged leases and NRG guaranteed the

remaining payments under each lease, which total \$405 million through 2034. In connection with this agreement, NRG has committed to fund up to \$350 million in capital expenditures for plant modifications at Powerton and Joliet to comply with environmental regulations.

The acquisition was recorded as a business combination under ASC 805, with identifiable assets acquired and liabilities assumed provisionally recorded at their estimated fair values on the acquisition date. The accounting for the EME acquisition was completed as of March 31, 2015, at which point the fair values became final. The following table summarizes the provisional amounts recognized for assets acquired and liabilities assumed as of December 31, 2014, as well as adjustments made through March 31, 2015, when the allocation became final. Measurement period adjustments primarily reflect the tax impact of the acquisition date fair values and final estimates for asset retirement obligations.

The purchase price of \$3.5 billion was allocated as follows:

	Acquisition Date Fair Value at December 31, 2014 (In millions)	Measurement period adjustments	Revised Acquisition Date
Assets			
Cash	\$1,422	\$—	\$1,422
Current assets	724	72	796
Property, plant and equipment	2,438	(3)	2,435
Intangible assets	172	—	172
Goodwill	334	(56)	278
Non-current assets	773	—	773
Total assets acquired	5,863	13	5,876
Liabilities			
Current and non-current liabilities	629	13	642
Out-of-market contracts and leases	159	—	159
Long-term debt	1,249	—	1,249
Total liabilities assumed	2,037	13	2,050
Less: noncontrolling interest	352	—	352
Net assets acquired	\$3,474	\$—	\$3,474

Note 4 — Fair Value of Financial Instruments

This footnote should be read in conjunction with the complete description under Note 4, Fair Value of Financial Instruments, to the Company's 2014 Form 10-K.

For cash and cash equivalents, funds deposited by counterparties, accounts and other receivables, accounts payable, restricted cash, and cash collateral paid and received in support of energy risk management activities, the carrying amount approximates fair value because of the short-term maturity of those instruments and are classified as Level 1 within the fair value hierarchy.

The estimated carrying amounts and fair values of NRG's recorded financial instruments not carried at fair market value are as follows:

	As of September 30, 2015		As of December 31, 2014	
	Carrying Amount	Fair Value	Carrying Amount	Fair Value
	(In millions)			
Assets:				
Notes receivable ^(a)	\$82	\$82	\$91	\$91
Liabilities:				
Long-term debt, including current portion	\$20,041	\$19,163	\$20,366	\$20,361

(a) Includes the current portion of notes receivable which is recorded in prepayments and other current assets on the Company's consolidated balance sheets.

The fair value of the Company's publicly-traded long-term debt is based on quoted market prices and is classified as Level 2 within the fair value hierarchy. The fair value of debt securities, non-publicly-traded long-term debt and certain notes receivable of the Company are based on expected future cash flows discounted at market interest rates, or current interest rates for similar instruments with equivalent credit quality and are classified as Level 3 within the fair value hierarchy.

Recurring Fair Value Measurements

Debt securities, equity securities, and trust fund investments, which are comprised of various U.S. debt and equity securities, and derivative assets and liabilities, are carried at fair market value.

The following tables present assets and liabilities measured and recorded at fair value on the Company's condensed consolidated balance sheets on a recurring basis and their level within the fair value hierarchy:

(In millions)	As of September 30, 2015			
	Fair Value			
	Level 1	Level 2	Level 3	Total
Investment in available-for-sale securities (classified within other non-current assets):				
Debt securities	\$—	\$—	\$18	\$18
Available-for-sale securities	15	—	—	15
Other ^(a)	14	—	—	14
Nuclear trust fund investments:				
Cash and cash equivalents	4	—	—	4
U.S. government and federal agency obligations	58	2	—	60
Federal agency mortgage-backed securities	—	60	—	60
Commercial mortgage-backed securities	—	25	—	25
Corporate debt securities	—	83	—	83
Equity securities	269	—	49	318
Foreign government fixed income securities	—	1	—	1
Other trust fund investments:				
U.S. government and federal agency obligations	1	—	—	1
Derivative assets:				
Commodity contracts	720	1,161	221	2,102
Interest rate contracts	—	—	—	—
Total assets	\$1,081	\$1,332	\$288	\$2,701
Derivative liabilities:				
Commodity contracts	\$815	\$866	\$188	\$1,869
Interest rate contracts	—	166	—	166
Total liabilities	\$815	\$1,032	\$188	\$2,035

(a) Consists primarily of mutual funds held in a Rabbi Trust for non-qualified deferred compensation plans for certain former employees.

(In millions)	As of December 31, 2014			Total
	Fair Value			
	Level 1	Level 2	Level 3	
Investment in available-for-sale securities (classified within other non-current assets):				
Debt securities	\$—	\$—	\$18	\$18
Available-for-sale securities	30	—	—	30
Other ^(a)	21	—	11	32
Nuclear trust fund investments:				
Cash and cash equivalents	14	—	—	14
U.S. government and federal agency obligations	44	3	—	47
Federal agency mortgage-backed securities	—	74	—	74
Commercial mortgage-backed securities	—	25	—	25
Corporate debt securities	—	78	—	78
Equity securities	292	—	52	344
Foreign government fixed income securities	—	3	—	3
Other trust fund investments:				
U.S. government and federal agency obligations	1	—	—	1
Derivative assets:				
Commodity contracts	1,078	1,515	309	2,902
Interest rate contracts	—	2	—	2
Equity contracts	—	—	1	1
Total assets	\$1,480	\$1,700	\$391	\$3,571
Derivative liabilities:				
Commodity contracts	\$1,004	\$1,093	\$230	\$2,327
Interest rate contracts	—	165	—	165
Total liabilities	\$1,004	\$1,258	\$230	\$2,492

(a) Primarily consists of mutual funds held in rabbi trusts for non-qualified deferred compensation plans for certain former employees and a total return swap that does not meet the definition of a derivative.

There were no transfers during the three and nine months ended September 30, 2015, and 2014 between Levels 1 and 2. The following tables reconcile, for the three and nine months ended September 30, 2015, and 2014, the beginning and ending balances for financial instruments that are recognized at fair value in the consolidated financial statements, at least annually, using significant unobservable inputs:

(In millions)	Fair Value Measurement Using Significant Unobservable Inputs (Level 3)									
	Three months ended September 30, 2015					Nine months ended September 30, 2015				
	Debt Securities	Other	Trust Fund Investments	Derivatives ^(a)	Total	Debt Securities	Other	Trust Fund Investments	Derivatives ^(a)	Total
Beginning balance	\$ 18	\$ —	\$ 55	\$ 49	\$ 122	\$ 18	\$ 11	\$ 52	\$ 80	\$ 161
Total gains/(losses) — realized/unrealized:										
Included in earnings	—	—	—	(17)	(17)	—	(11)	—	(95)	(106)
Included in nuclear decommissioning obligation	—	—	(6)	—	(6)	—	—	(4)	—	(4)
Purchases	—	—	—	9	9	—	—	1	44	45
Transfers into Level 3 ^(b)	—	—	—	(10)	(10)	—	—	—	1	1
Transfers out of Level 3 ^(b)	—	—	—	2	2	—	—	—	3	3
Ending balance as of September 30, 2015	\$ 18	\$ —	\$ 49	\$ 33	\$ 100	\$ 18	\$ —	\$ 49	\$ 33	\$ 100
Losses for the period included in earnings attributable to the change in unrealized gains or losses relating to assets or liabilities still held as of September 30, 2015	\$ —	\$ —	\$ —	\$ (9)	\$ (9)	\$ —	\$ —	\$ —	\$ (37)	\$ (37)

(a) Consists of derivative assets and liabilities, net.

(b) Transfers into/out of Level 3 are related to the availability of external broker quotes and are valued as of the end of the reporting period. All transfers in/out are with Level 2.

(In millions)	Fair Value Measurement Using Significant Unobservable Inputs (Level 3)									
	Three months ended September 30, 2014					Nine months ended September 30, 2014				
	Debt Securities	Other	Trust Fund Investments	Derivatives ^(a)	Total	Debt Securities	Other	Trust Fund Investments	Derivatives ^(a)	Total
Beginning balance	\$18	\$11	\$ 58	\$ (12)	\$75	\$16	\$10	\$ 56	\$ 13	\$95
Total gains/(losses) — realized/unrealized:										
Included in earnings	—	—	—	(22)	(22)	—	1	—	(18)	(17)
Included in OCI	—	—	—	—	—	2	—	—	—	2
Included in nuclear decommissioning obligations	—	—	(4)	—	(4)	—	—	(3)	—	(3)
Purchases	—	—	—	63	63	—	—	1	(21)	(20)
Contracts acquired in Dominion and EME acquisition	—	—	—	—	—	—	—	—	39	39
Transfers into Level 3 ^(b)	—	—	—	(1)	(1)	—	—	—	17	17
Transfers out of Level 3 ^(b)	—	—	—	1	1	—	—	—	(1)	(1)
Ending balance as of September 30, 2014	\$18	\$11	\$ 54	\$ 29	\$112	\$18	\$11	\$ 54	\$ 29	\$112
Gains for the period included in earnings attributable to the change in unrealized gains or losses relating to assets or liabilities still held as of September 30, 2014	\$—	\$—	\$—	\$ 5	\$5	\$—	\$—	\$—	\$ 26	\$26

(a) Consists of derivative assets and liabilities, net.

(b) Transfers into/out of Level 3 are related to the availability of external broker quotes and are valued as of the end of the reporting period. All transfers in/out are with Level 2.

Derivative Fair Value Measurements

A portion of NRG's contracts are exchange-traded contracts with readily available quoted market prices. A majority of NRG's contracts are non-exchange-traded contracts valued using prices provided by external sources, primarily price quotations available through brokers or over-the-counter and on-line exchanges. The remainder of the assets and liabilities represent contracts for which external sources or observable market quotes are not available for the whole term or for certain delivery months or the contracts are retail and load following power contracts. These contracts are valued using various valuation techniques including but not limited to internal models that apply fundamental analysis of the market and corroboration with similar markets. As of September 30, 2015, contracts valued with prices provided by models and other valuation techniques make up 11% of the total derivative assets and 9% of the total derivative liabilities.

NRG's significant positions classified as Level 3 include physical and financial power and physical coal executed in illiquid markets as well as financial transmission rights, or FTRs. The significant unobservable inputs used in

developing fair value include illiquid power and coal location pricing which is derived as a basis to liquid locations. The basis spread is based on observable market data when available or derived from historic prices and forward market prices from similar observable markets when not available. For FTRs, NRG uses the most recent auction prices to derive the fair value.

The following tables quantify the significant unobservable inputs used in developing the fair value of the Company's Level 3 positions as of September 30, 2015 and December 31, 2014:

Significant Unobservable Inputs

September 30, 2015

	Fair Value		Valuation Technique	Significant Unobservable Input	Input/Range		Weighted Average
	Assets	Liabilities			Low	High	
	(In millions)						
Power Contracts	\$ 136	\$ 116	Discounted Cash Flow	Forward Market Price (per MWh)	\$ 9	\$ 78	\$ 34
Coal Contracts	—	9	Discounted Cash Flow	Forward Market Price (per ton)	46	49	47
FTRs	85	63	Discounted Cash Flow	Auction Prices (per MWh)	(93	) 64	—
	\$ 221	\$ 188					

Significant Unobservable Inputs

December 31, 2014

	Fair Value		Valuation Technique	Significant Unobservable Input	Input/Range		Weighted Average
	Assets	Liabilities			Low	High	
	(In millions)						
Power Contracts	\$ 195	\$ 154	Discounted Cash Flow	Forward Market Price (per MWh)	\$ 15	\$ 92	\$ 47
Coal Contracts	3	1	Discounted Cash Flow	Forward Market Price (per ton)	53	56	54
FTRs	111	75	Discounted Cash Flow	Auction Prices (per MWh)	(29	) 30	—
	\$ 309	\$ 230					

The following table provides sensitivity of fair value measurements to increases/(decreases) in significant unobservable inputs as of September 30, 2015 and December 31, 2014:

Significant Unobservable Input	Position	Change In Input	Impact on Fair Value Measurement
Forward Market Price Power/Coal	Buy	Increase/(Decrease)	Higher/(Lower)
Forward Market Price Power/Coal	Sell	Increase/(Decrease)	Lower/(Higher)
FTR Prices	Buy	Increase/(Decrease)	Higher/(Lower)
FTR Prices	Sell	Increase/(Decrease)	Lower/(Higher)

The fair value of each contract is discounted using a risk-free interest rate. In addition, the Company applies a credit reserve to reflect credit risk, which is calculated based on published default probabilities. As of September 30, 2015, the credit reserve resulted in a \$7 million increase in fair value, which is composed of a \$4 million gain in OCI and a \$3 million gain in operating revenue and cost of operations. As of September 30, 2014, the credit reserve resulted in a \$1 million increase in fair value, which is a gain in OCI.

Concentration of Credit Risk

In addition to the credit risk discussion as disclosed in Note 2, Summary of Significant Accounting Policies, to the Company's 2014 Form 10-K, the following is a discussion of the concentration of credit risk for the Company's contractual obligations. Credit risk relates to the risk of loss resulting from non-performance or non-payment by counterparties pursuant to the terms of their contractual obligations. NRG is exposed to counterparty credit risk

through various activities including wholesale sales, fuel purchases and retail supply arrangements, and retail customer credit risk through its retail load activities.

Counterparty Credit Risk

The Company's counterparty credit risk policies are disclosed in its 2014 Form 10-K. As of September 30, 2015, counterparty credit exposure, excluding credit risk exposure under certain long term agreements, was \$942 million and NRG held collateral (cash and letters of credit) against those positions of \$111 million, resulting in a net exposure of \$800 million. Approximately 81% of the Company's exposure before collateral is expected to roll off by the end of 2016. Counterparty credit exposure is valued through observable market quotes and discounted at a risk free interest rate. The following tables highlight net counterparty credit exposure by industry sector and by counterparty credit quality. Net counterparty credit exposure is defined as the aggregate net asset position for NRG with counterparties where netting is permitted under the enabling agreement and includes all cash flow, mark-to-market and NPNS, and non-derivative transactions. The exposure is shown net of collateral held, and includes amounts net of receivables or payables.

Category	Net Exposure ^(a) (% of Total)	
Financial institutions	44	%
Utilities, energy merchants, marketers and other ISOs	32	
	24	
Total as of September 30, 2015	100	%
Category	Net Exposure ^(a) (% of Total)	
Investment grade	99	%
Non-rated ^(b)	1	
Total as of September 30, 2015	100	%

(a) Counterparty credit exposure excludes uranium and coal transportation contracts because of the unavailability of market prices.

(b) For non-rated counterparties, a significant portion are related to ISO and municipal public power entities, which are considered investment grade equivalent ratings based on NRG's internal credit ratings.

NRG has counterparty credit risk exposure to certain counterparties, each of which represent more than 10% of total net exposure discussed above. The aggregate of such counterparties' exposure was \$279 million as of September 30, 2015. Changes in hedge positions and market prices will affect credit exposure and counterparty concentration. Given the credit quality, diversification and term of the exposure in the portfolio, NRG does not anticipate a material impact on the Company's financial position or results of operations from nonperformance by any of NRG's counterparties. Counterparty credit exposure described above excludes credit risk exposure under certain long term agreements, including California tolling agreements, Gulf Coast load obligations, wind and solar PPAs, and a coal supply agreement. As external sources or observable market quotes are not available to estimate such exposure, the Company estimates its credit exposure for these contracts based on various techniques including, but not limited to, internal models based on a fundamental analysis of the market and extrapolation of observable market data with similar characteristics. Based on these valuation techniques, as of September 30, 2015, aggregate credit risk exposure managed by NRG to these counterparties was approximately \$4.2 billion, including \$2.9 billion related to assets of NRG Yield, Inc., for the next five years. This amount excludes potential credit exposures for projects with long-term PPAs that have not reached commercial operations. The majority of these power contracts are with utilities or public power entities with strong credit quality and public utility commission or other regulatory support. However, such regulated utility counterparties can be impacted by changes in government regulations and other technology and market factors, which NRG is unable to predict. In the case of the coal supply agreement, NRG holds a lien against the underlying asset, which significantly reduces the risk of loss.

Retail Customer Credit Risk

NRG is exposed to retail credit risk through the Company's retail electricity providers, which serve commercial, industrial and governmental/institutional customers and the Mass market. Retail credit risk results when a customer fails to pay for products or services rendered. The losses may result from both nonpayment of customer accounts

receivable and the loss of in-the-money forward value. NRG manages retail credit risk through the use of established credit policies that include monitoring of the portfolio, and the use of credit mitigation measures such as deposits or prepayment arrangements.

As of September 30, 2015, the Company believes its retail customer credit exposure was diversified across many customers and various industries, as well as government entities.

Note 5 — Nuclear Decommissioning Trust Fund

This footnote should be read in conjunction with the complete description under Note 6, Nuclear Decommissioning Trust Fund, to the Company's 2014 Form 10-K.

NRG's Nuclear Decommissioning Trust Fund assets are comprised of securities classified as available-for-sale and recorded at fair value based on actively quoted market prices. NRG accounts for the Nuclear Decommissioning Trust Fund in accordance with ASC 980, Regulated Operations, because the Company's nuclear decommissioning activities are subject to approval by the PUCT with regulated rates that are designed to recover all decommissioning costs and that can be charged to and collected from the ratepayers per PUCT mandate. Since the Company is in compliance with PUCT rules and regulations regarding decommissioning trusts and the cost of decommissioning is the responsibility of the Texas ratepayers, not NRG, all realized and unrealized gains or losses (including other-than-temporary impairments) related to the Nuclear Decommissioning Trust Fund are recorded to nuclear decommissioning trust liability and are not included in net income or accumulated OCI, consistent with regulatory treatment.

The following table summarizes the aggregate fair values and unrealized gains and losses (including other-than-temporary impairments) for the securities held in the trust funds, as well as information about the contractual maturities of those securities.

(In millions, except otherwise noted)	As of September 30, 2015				As of December 31, 2014			
	Fair Value	Unrealized Gains	Unrealized Losses	Weighted-average Maturities (In years)	Fair Value	Unrealized Gains	Unrealized Losses	Weighted-average Maturities (In years)
Cash and cash equivalents	\$4	\$—	\$—	—	\$14	\$—	\$—	—
U.S. government and federal agency obligations	60	2	—	10	47	2	—	11
Federal agency mortgage-backed securities	60	1	—	25	74	2	—	25
Commercial mortgage-backed securities	25	—	1	28	25	—	1	30
Corporate debt securities	83	1	1	10	78	2	1	11
Equity securities	318	185	—	—	344	211	—	—
Foreign government fixed income securities	1	—	—	15	3	1	—	16
Total	\$551	\$189	\$2		\$585	\$218	\$2	

The following table summarizes proceeds from sales of available-for-sale securities and the related realized gains and losses from these sales. The cost of securities sold is determined on the specific identification method.

	Nine months ended September 30,	
	2015	2014
	(In millions)	
Realized gains	\$14	\$15
Realized losses	10	5
Proceeds from sale of securities	499	463

Note 6 — Accounting for Derivative Instruments and Hedging Activities

This footnote should be read in conjunction with the complete description under Note 5, Accounting for Derivative Instruments and Hedging Activities, to the Company's 2014 Form 10-K.

Energy-Related Commodities

As of September 30, 2015, NRG had energy-related derivative instruments extending through 2024. The Company voluntarily de-designated all remaining commodity cash flow hedges as of January 1, 2014, and prospectively marked these derivatives to market through the income statement.

Interest Rate Swaps

NRG is exposed to changes in interest rates through the Company's issuance of variable rate debt. In order to manage the Company's interest rate risk, NRG enters into interest rate swap agreements. As of September 30, 2015, the Company had interest rate derivative instruments on non-recourse debt extending through 2032, most of which are designated as cash flow hedges.

Volumetric Underlying Derivative Transactions

The following table summarizes the net notional volume buy/(sell) of NRG's open derivative transactions broken out by category, excluding those derivatives that qualified for the NPNS exception, as of September 30, 2015, and December 31, 2014. Option contracts are reflected using delta volume. Delta volume equals the notional volume of an option adjusted for the probability that the option will be in-the-money at its expiration date.

Category	Units	Total Volume	
		September 30, 2015	December 31, 2014
		(In millions)	
Emissions	Short Ton	6	2
Coal	Short Ton	34	57
Natural Gas	MMBtu	82	(58)
Oil	Barrel	1	1
Power	MWh	(67)	(56)
Capacity	MW/Day	(1)	—
Interest	Dollars	\$2,394	\$3,440
Equity	Shares	2	2

The increase in the natural gas position was primarily the result of additional retail hedges, as well as settlement of generation hedge positions. The decrease in the interest rate position was primarily the result of settling the Alta X and Alta XI interest rate swaps in connection with the repayment of the project-level debt, as described in Note 8, Debt and Capital Leases.

Fair Value of Derivative Instruments

The following table summarizes the fair value within the derivative instrument valuation on the balance sheets:

	Fair Value			
	Derivative Assets		Derivative Liabilities	
	September 30, 2015	December 31, 2014	September 30, 2015	December 31, 2014
	(In millions)			
Derivatives designated as cash flow hedges:				
Interest rate contracts current	\$—	\$—	\$45	\$55
Interest rate contracts long-term	—	2	98	74
Total derivatives designated as cash flow hedges	—	2	143	129
Derivatives not designated as cash flow hedges:				
Interest rate contracts current	—	—	6	8
Interest rate contracts long-term	—	—	17	28
Commodity contracts current	1,580	2,425	1,365	1,991

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Commodity contracts long-term	522	477	504	336
Equity contracts long-term	—	1	—	—
Total derivatives not designated as cash flow hedges	2,102	2,903	1,892	2,363
Total derivatives	\$2,102	\$2,905	\$2,035	\$2,492

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The Company has elected to present derivative assets and liabilities on the balance sheet on a trade-by-trade basis and does not offset amounts at the counterparty master agreement level. In addition, collateral received or paid on the Company's derivative assets or liabilities are recorded on a separate line item on the balance sheet. The following table summarizes the offsetting of derivatives by counterparty master agreement level and collateral received or paid:

	Gross Amounts Not Offset in the Statement of Financial Position			
	Gross Amounts			
	of Recognized	Derivative	Cash Collateral	Net Amount
	Assets /	Instruments	(Held) / Posted	
	Liabilities			
	(In millions)			
As of September 30, 2015				
Commodity contracts:				
Derivative assets	\$2,102	\$(1,544)	\$(71)	\$487
Derivative liabilities	(1,869)	1,544	112	(213)
Total commodity contracts	233	—	41	274
Interest rate contracts:				
Derivative assets	—	—	—	—
Derivative liabilities	(166)	—	—	(166)
Total interest rate contracts	(166)	—	—	(166)
Total derivative instruments	\$67	\$—	\$41	\$108

	Gross Amounts Not Offset in the Statement of Financial Position			
	Gross Amounts			
	of Recognized	Derivative	Cash Collateral	Net Amount
	Assets /	Instruments	(Held) / Posted	
	Liabilities			
	(In millions)			
As of December 31, 2014				
Commodity contracts:				
Derivative assets	\$2,902	\$(2,155)	\$(72)	\$675
Derivative liabilities	(2,327)	2,155	27	(145)
Total commodity contracts	575	—	(45)	530
Interest rate contracts:				
Derivative assets	2	(2)	—	—
Derivative liabilities	(165)	2	—	(163)
Total interest rate contracts	(163)	—	—	(163)
Equity contracts:				
Derivative assets	1	—	—	1
Total derivative instruments	\$413	\$—	\$(45)	\$368

Accumulated Other Comprehensive Loss

The following table summarizes the effects of ASC 815 on the Company's accumulated OCI balance attributable to cash flow hedge derivatives, net of tax:

	Three months ended September 30, 2015			Nine months ended September 30, 2015		
	Energy	Interest	Total	Energy	Interest	Total
	Commodities	Rate		Commodities	Rate	
	(In millions)					
Accumulated OCI beginning balance	\$(1)	\$(62)	\$(63)	\$(1)	\$(67)	\$(68)
Reclassified from accumulated OCI to income:						
Due to realization of previously deferred amounts	1	3	4	1	7	8

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Mark-to-market of cash flow hedge accounting contracts	—	(33)	(33)	—	(32)	(32)
Accumulated OCI ending balance, net of \$54 tax	\$—	\$(92)	\$(92)	\$—	\$(92)	\$(92)
Losses expected to be realized from OCI during the next 12 months, net of \$7 tax	\$—	\$(13)	\$(13)	\$—	\$(13)	\$(13)

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	Three months ended September 30, 2014			Nine months ended September 30, 2014		
	Energy Commodities	Interest Rate	Total	Energy Commodities	Interest Rate	Total
Accumulated OCI beginning balance	\$(1)	\$(50)	\$(51)	\$(1)	\$(22)	\$(23)
Reclassified from accumulated OCI to income:						
Due to realization of previously deferred amounts—	—	11	11	—	3	3
Mark-to-market of cash flow hedge accounting contracts	—	(7)	(7)	—	(27)	(27)
Accumulated OCI ending balance, net of \$25 tax	\$(1)	\$(46)	\$(47)	\$(1)	\$(46)	\$(47)

Amounts reclassified from accumulated OCI into income and amounts recognized in income from the ineffective portion of cash flow hedges are recorded to operating revenue for commodity contracts and interest expense for interest rate contracts. There was no ineffectiveness for the three and nine months ended September 30, 2015, and 2014.

Impact of Derivative Instruments on the Statements of Operations

Unrealized gains and losses associated with changes in the fair value of derivative instruments not accounted for as cash flow hedges and ineffectiveness of hedge derivatives are reflected in current period earnings.

The following table summarizes the pre-tax effects of economic hedges that have not been designated as cash flow hedges, ineffectiveness on cash flow hedges and trading activity on the Company's statement of operations. The effect of energy commodity contracts is included within operating revenues and cost of operations and the effect of interest rate contracts is included in interest expense.

	Three months ended September 30, 2015		Nine months ended September 30, 2014	
	2015	2014	2015	2014
Unrealized mark-to-market results	(In millions)			
Reversal of previously recognized unrealized gains on settled positions related to economic hedges	\$(29)	\$(1)	\$(179)	\$(3)
Reversal of acquired gain positions related to economic hedges	(33)	(87)	(83)	(249)
Net unrealized gains/(losses) on open positions related to economic hedges	55	162	(26)	(61)
Total unrealized mark-to-market (losses)/gains for economic hedging activities	(7)	74	(288)	(313)
Reversal of previously recognized unrealized losses/(gains) on settled positions related to trading activity	2	(1)	(34)	4
Reversal of acquired gain positions related to trading activity	(1)	(8)	(13)	(28)
Net unrealized (losses)/gains on open positions related to trading activity	(2)	15	—	45
Total unrealized mark-to-market (losses)/gains for trading activity	(1)	6	(47)	21
Total unrealized (losses)/gains	\$(8)	\$80	\$(335)	\$(292)
	Three months ended September 30, 2015		Nine months ended September 30, 2014	
	2015	2014	2015	2014
Unrealized gains/(losses) included in operating revenues	\$34	\$159	\$(212)	\$(205)
Unrealized losses included in cost of operations	(42)	(79)	(123)	(87)
Total impact to statement of operations — energy commodities	\$(8)	\$80	\$(335)	\$(292)
Total impact to statement of operations — interest rate contracts	\$(9)	\$1	\$12	\$(6)

The reversals of acquired gain or loss positions were valued based upon the forward prices on the acquisition date. The roll-off amounts were offset by realized gains or losses at the settled prices and are reflected in revenue or cost of operations during the same period.

For the nine months ended September 30, 2015, the \$26 million unrealized loss from open economic hedge positions was primarily the result of a decrease in value of forward purchases of ERCOT electricity and coal due to decreases in ERCOT power and coal prices partially offset by an increase in value of forward sales of PJM electricity due to decreases in PJM power prices.

For the nine months ended September 30, 2014, the \$61 million unrealized loss from open economic hedge positions was primarily the result of a decrease in value of forward sales of electricity due to increases in power prices and ERCOT heat rates.

Credit Risk Related Contingent Features

Certain of the Company's hedging agreements contain provisions that require the Company to post additional collateral if the counterparty determines that there has been deterioration in credit quality, generally termed "adequate assurance" under the agreements, or requires the Company to post additional collateral if there were a one notch downgrade in the Company's credit rating. The collateral required for contracts with adequate assurance clauses that are in a net liability position as of September 30, 2015, was \$137 million. The collateral required for contracts with credit rating contingent features as of September 30, 2015, was \$41 million. The Company is also a party to certain marginable agreements where NRG has a net liability position, but the counterparty has not called for the collateral due, which was approximately \$11 million as of September 30, 2015.

See Note 4, Fair Value of Financial Instruments, to this Form 10-Q for discussion regarding concentration of credit risk.

Note 7 — Impairments

2015 Impairment Losses

Huntley — During the three months ended September 30, 2015, the Company filed a notice with the NYSPSC of its intent to retire Huntley's operating units on March 1, 2016. The Company considered this to be an indicator of impairment and performed an impairment test for these assets under ASC 360, Property, Plant and Equipment. On October 14, 2015, the Company filed a cost-of-service filing at FERC in anticipation that the Huntley operating units would be needed for reliability purposes, proposing a reliability must run service agreement for a four-year period beginning on March 1, 2016. On October 30, 2015, NYISO released the results of its reliability study, indicating that the Huntley operating units are not needed for bulk system reliability, but could be needed for short-term local system reliability in 2016. The Company considered the impact of the reliability study conducted and evaluated the estimated cash flows associated with the facility, including the impact of a potential short-term reliability agreement with NYISO and National Grid. Accordingly, the Company determined that the carrying amount of the assets was higher than the estimated future net cash flows expected to be generated by the assets and that the assets were impaired. The fair value of the Huntley operating units was determined using a weighting of the income approach and the market approach. The income approach utilized estimates of discounted future cash flows, which were Level 3 fair value measurements, and include key inputs such as forecasted contract prices, forecasted operating expenses and discount rates. The Company recorded an impairment loss of \$106 million during the quarter ended September 30, 2015.

Dunkirk — The Company had previously signed a ten year agreement in November 2014 with National Grid to add natural gas-burning capabilities at the Dunkirk facility. On August 25, 2015, NRG announced that Dunkirk Unit 2 will be mothballed on January 1, 2016 at the expiration of its reliability support services agreement. The project to add natural gas-burning capabilities has been suspended, pending the outcome of litigation with respect to the gas addition contract and its validity. On October 30, 2015, NYISO released the results of its reliability study, indicating that the Dunkirk facility is not needed for system reliability. In connection with the planned mothball of the facility, the pending litigation and the latest reliability assessment completed by NYISO, the Company evaluated whether the related fixed assets were impaired as of September 30, 2015. The Company determined that the carrying amount of the assets was higher than the estimated future net cash flows expected to be generated by the assets and that the assets were impaired. The fair value of the Dunkirk facility was determined using a weighting of the income approach and

the market approach. The income approach utilized estimates of discounted future cash flows, which were Level 3 fair value measurements, and include key inputs such as forecasted contract prices, forecasted operating and capital expenditures and discount rates. The Company recorded an impairment loss of \$116 million during the quarter ended September 30, 2015.

Goal Zero — During the three months ended September 30, 2015, the Company agreed to relieve the Goal Zero seller of all known and unknown claims in return for the seller's agreement to forego all contingent consideration. Concurrently, the Company determined that there was an indication of goodwill impairment and performed an impairment test under ASC 350, Intangibles - Goodwill and Other. The carrying amount of the reporting unit was higher than the fair value, and accordingly, the Company recognized an impairment loss of \$36 million to reduce the carrying value of the goodwill that was recognized in connection with the acquisition.

2014 Impairment Losses

Osceola — During the three months ended September 30, 2014, the Company determined that it would mothball the 463 MW natural gas-fired Osceola facility in Saint Cloud, Florida. The Company considered this to be an indicator of impairment and performed an impairment test for these assets under ASC 360, Property, Plant and Equipment. The carrying amount of the assets was higher than the future net cash flows expected to be generated by the assets and, as a result, the assets were considered to be impaired. The Company measured the impairment loss as the difference between the carrying amount and the fair value of the assets. Due to the location of the facility, it was determined that the best indicator of fair value is the market value of the combustion turbines. The Company recorded an impairment loss of approximately \$60 million during the three months ended September 30, 2014, which represents the excess of the carrying value over the fair market value, and mothballed the facility effective January 1, 2015.

Solar Panels — During the three months ended September 30, 2014, the Company recorded an impairment loss of \$10 million to reduce the carrying value of certain solar panels to their approximate fair value.

Note 8 — Debt and Capital Leases

This footnote should be read in conjunction with the complete description under Note 12, Debt and Capital Leases, to the Company's 2014 Form 10-K. Long-term debt and capital leases consisted of the following:

(In millions, except rates)	September 30, 2015	December 31, 2014	September 30, 2015 interest rate % ^(a)
Recourse debt:			
Senior notes, due 2018	\$ 1,130	\$ 1,130	7.625
Senior notes, due 2020	1,063	1,063	8.250
Senior notes, due 2021	1,128	1,128	7.875
Senior notes, due 2022	1,100	1,100	6.250
Senior notes, due 2023	990	990	6.625
Senior notes, due 2024	1,000	1,000	6.250
Term loan facility, due 2018	1,968	1,983	L+2.00
Tax-exempt bonds	451	406	4.125 - 6.00
Subtotal NRG recourse debt	8,830	8,800	
Non-recourse debt:			
GenOn senior notes	2,097	2,133	7.875 - 9.875
GenOn Americas Generation senior notes	922	929	8.500 - 9.125
GenOn Other	57	60	various
Subtotal GenOn debt (non-recourse to NRG)	3,076	3,122	
NRG Yield Operating LLC Senior Notes, due 2024	500	500	5.375
NRG Yield LLC and NRG Yield Operating LLC Revolving Credit Facility, due 2019	92	—	L+2.75
NRG Yield, Inc. Convertible Senior Notes, due 2019	329	326	3.500
NRG Yield, Inc. Convertible Senior Notes, due 2020	266	—	3.250
NRG West Holdings LLC, due 2023 (El Segundo Energy Center)	485	506	L+1.625 - L+2.25
NRG Marsh Landing, due 2017 and 2023	431	464	L+1.75 - L+1.875
Alta Wind I - V lease financing arrangements, due 2034 and 2035	1,013	1,036	5.696 - 7.015
Alta Wind X, due 2021	—	300	L+2.00
Alta Wind XI, due 2021	—	191	L+2.00
Walnut Creek, term loans due 2023	363	391	L+1.625
Tapestry Wind LLC, due 2021	184	192	L+1.625
Laredo Ridge Wind LLC, due 2028	105	108	L+1.875
NRG Solar Alpine LLC, due 2022	156	163	L+1.750
NRG Energy Center Minneapolis LLC, due 2017 and 2025	110	121	5.95 - 7.25
NRG Yield - other	475	489	various
Subtotal NRG Yield debt (non-recourse to NRG)	4,509	4,787	
Ivanpah Financing, due 2033 and 2038	1,175	1,187	2.285 - 4.256
Agua Caliente Solar LLC, due 2037	894	898	2.395 - 3.633
CVSR High Plains Ranch II LLC, due 2037	794	815	2.339 - 3.775
Viento Funding II LLC, due 2023	193	196	L+2.75
NRG Peaker Finance Co. LLC, bonds due 2019	102	100	L+1.07
Cedro Hill Wind LLC, due 2025	104	111	L+3.125
NRG - other	364	350	various

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Subtotal other NRG non-recourse debt	3,626	3,657	
Subtotal all non-recourse debt	11,211	11,566	
Subtotal long-term debt (including current maturities)	20,041	20,366	
Capital leases:			
Home Solar capital leases	10	5	various
Chalk Point capital lease, due 2015	1	—	8.190
Other	3	3	various
Subtotal long-term debt and capital leases (including current maturities)	20,055	20,374	
Less current maturities	457	474	
Total long-term debt and capital leases	\$ 19,598	\$ 19,900	

(a) As of September 30, 2015, L+ equals 3 month LIBOR plus x%, with the exception of the Viento Funding II term loan, which is 6 month LIBOR plus x%, and the NRG Marsh Landing term loan, Walnut Creek term loan, and NRG Yield Operating LLC Revolving Credit facility, which are 1 month LIBOR plus x%.

NRG Recourse Debt

Senior Notes

Issuance of 2022 Senior Notes

On January 27, 2014, NRG issued \$1.1 billion in aggregate principal amount at par of 6.25% senior notes due 2022. The notes are senior unsecured obligations of NRG and are guaranteed by certain of its subsidiaries. Interest is payable semi-annually beginning on July 15, 2014, until the maturity date of July 15, 2022. The proceeds were utilized to redeem the 8.5% and 7.625% 2019 Senior Notes, as discussed below, and to fund the acquisition of EME.

Issuance of 2024 Senior Notes

On April 21, 2014, NRG issued \$1.0 billion in aggregate principal amount at par of 6.25% senior notes due 2024. The notes are senior unsecured obligations of NRG and are guaranteed by certain of its subsidiaries. Interest is payable semi-annually beginning on November 1, 2014, until the maturity date of November 1, 2024. A portion of the cash proceeds were used to redeem all remaining of its 7.625% 2019 Senior Notes, as discussed below, and the rest of the proceeds were used to redeem all remaining \$225 million of its 8.5% 2019 Senior Notes in September 2014.

Redemptions of 8.5% and 7.625% 2019 Senior Notes

On February 10, 2014, the Company redeemed \$308 million of its 8.5% 2019 Senior Notes and \$91 million of its 7.625% 2019 Senior Notes through a tender offer, at an average early redemption percentage of 106.992% and 105.500%, respectively. A \$33 million loss on debt extinguishment of the 8.5% and 7.625% 2019 Senior Notes was recorded during the three months ended March 31, 2014, primarily consisting of the premiums paid on the redemption and the write-off of previously deferred financing costs.

On April 21, 2014, the Company redeemed \$74 million of its 8.5% 2019 Senior Notes and \$337 million of its 7.625% 2019 Senior Notes through a tender offer and call, at an average early redemption percentage of 105.250% and 104.200%, respectively. A \$22 million loss on debt extinguishment of the 8.5% and 7.625% 2019 Senior Notes was recorded during the three months ended June 30, 2014, primarily consisting of the premiums paid on the redemption and the write-off of previously deferred financing costs.

On May 21, 2014, the Company redeemed for cash all of its remaining 7.625% 2019 Senior Notes at an average early redemption percentage of 103.813%. An \$18 million loss on debt extinguishment of the 7.625% 2019 Senior Notes was recorded during the three months ended June 30, 2014, primarily consisting of the premiums paid on the redemption and the write-off of previously deferred financing costs.

On September 3, 2014, the Company redeemed for cash all of its remaining 8.5% 2019 Senior Notes at an average early redemption percentage of 104.25%. A \$13 million loss on debt extinguishment of the 8.5% 2019 Senior Notes was recorded during the three months ended September 30, 2014, primarily consisting of the premiums paid on the redemption and the write-off of previously deferred financing costs.

NRG Non-Recourse Debt

The Company has non-recourse debt that is secured by acquired or developed projects that are held in several of its subsidiaries. In the event of a bankruptcy, receivership, liquidation or similar event involving a subsidiary, the assets of such subsidiary would be used to satisfy claims of creditors of the subsidiary, including liabilities under the non-recourse debt associated with such subsidiaries, rather than the creditors of NRG. As described in Note 3, Business Acquisitions and Dispositions, through the Company's acquisitions of EME on April 1, 2014 and Alta Wind on August 12, 2014, the Company acquired approximately \$1.2 billion and \$1.6 billion, respectively, of non-recourse debt.

Alta Wind X and Alta Wind XI due 2021

On June 30, 2015, the Company entered into a tax equity financing arrangement through which Yield Operating, a subsidiary of NRG Yield, Inc., received \$119 million in net proceeds, as described in Note 2, Summary of Significant Accounting Policies. These proceeds, as well as proceeds obtained from the June 29, 2015, NRG Yield, Inc. common stock issuance and the 2020 Convertible Notes issuance, were utilized to repay all of the outstanding project indebtedness associated with Alta Wind X and Alta Wind XI facilities. The Company also settled interest rate swaps associated with the project level debt for Alta Wind X and Alta Wind XI and incurred a fee of \$17 million.

NRG Yield, Inc. Convertible Notes

On June 29, 2015, NRG Yield, Inc. closed on its offering of \$287.5 million aggregate principal amount of 3.25% Convertible Senior Notes due 2020, or the 2020 Convertible Notes. The 2020 Convertible Notes are convertible, under certain circumstances, into NRG Yield, Inc. Class C common stock, cash or a combination thereof at an initial conversion price of \$27.50 per Class C common share, which is equivalent to an initial conversion rate of approximately 36.3636 shares of Class C common stock per \$1,000 principal amount of notes. Interest on the 2020 Convertible Notes is payable semi-annually in arrears on June 1 and December 1 of each year, commencing on December 1, 2015. The 2020 Convertible Notes mature on June 1, 2020, unless earlier repurchased or converted in accordance with their terms. Prior to the close of business on the business day immediately preceding December 1, 2019, the 2020 Convertible Notes will be convertible only upon the occurrence of certain events and during certain periods, and thereafter, at any time until the close of business on the second scheduled trading day immediately preceding the maturity date. The 2020 Convertible Notes are accounted for in accordance with ASC 470-20. Under ASC 470-20, issuers of convertible debt instruments that may be settled in cash upon conversion, including partial cash settlement, are required to separately account for the liability (debt) and equity (conversion option) components. The equity component, the \$23 million conversion option value, was recorded to NRG's noncontrolling interest for NRG Yield, Inc. with the offset to debt discount. The debt discount will be amortized to interest expense over the term of the notes.

During the first quarter of 2014, NRG Yield, Inc. closed on its offering of \$345 million aggregate principal amount of 3.50% Convertible Senior Notes due 2019, or the 2019 Convertible Notes. The 2019 Convertible Notes were convertible, under certain circumstances, into NRG Yield, Inc. Class A common stock, cash or a combination thereof at an initial conversion rate of approximately 21.4822 shares of Class A common stock per \$1,000 principal amount of 2019 Convertible Notes. Effective May 15, 2015, the conversion rate was adjusted to 42.9644 shares of Class A common stock per \$1,000 principal amount of 2019 Convertible Notes in accordance with the terms of the related indenture. Interest on the 2019 Convertible Notes is payable semi-annually in arrears on February 1 and August 1 of each year, commencing on August 1, 2014. The 2019 Convertible Notes mature on February 1, 2019, unless earlier repurchased or converted in accordance with their terms. Prior to the close of business on the business day immediately preceding August 1, 2018, the 2019 Convertible Notes will be convertible only upon the occurrence of certain events and during certain periods, and thereafter, at any time until the close of business on the second scheduled trading day immediately preceding the maturity date. The notes are accounted for in accordance with ASC 470-20. The equity component, the \$23 million conversion option value, was recorded to NRG's noncontrolling interest for NRG Yield, Inc. with the offset to debt discount. The debt discount will be amortized to interest expense over the term of the notes.

NRG Yield LLC and NRG Yield Operating LLC Revolving Credit Facility

On June 26, 2015, the Company amended the revolving credit facility to, among other things, increase the availability from \$450 million to \$495 million. As of September 30, 2015, \$92 million of borrowings and \$25 million of letters of credit were outstanding.

NRG West Holdings LLC

On May 29, 2015, NRG West Holdings LLC amended its financing agreement to increase borrowings under the Tranche A facility by \$5 million and to reduce the related interest rate to LIBOR plus an applicable margin of 1.625% from May 29, 2015, to August 31, 2017, LIBOR plus an applicable margin of 1.75% from September 1, 2017, to August 31, 2020, and LIBOR plus 1.875% from September 1, 2020, through the maturity date; and to reduce Tranche B loan interest rate to LIBOR plus an applicable margin of 2.25% from May 29, 2015, to August 31, 2017, LIBOR plus 2.375% from September 1, 2017, to August 31, 2020, and LIBOR plus an applicable margin of 2.50% from September 1, 2020, through the maturity date and to reduce the working capital facility by \$9 million. The proceeds of the increased borrowing were used to pay costs associated with the refinancing. Further, the amendment resulted in a \$7 million loss on debt extinguishment.

Peakers

On February 21, 2014, NRG Peaker Finance Company LLC elected to redeem approximately \$30 million of the outstanding bonds at a redemption price equal to the principal amount plus a redemption premium, accrued and unpaid interest, swap breakage, and other fees, totaling approximately \$35 million in connection with the removal of Bayou Cove Peaking Power LLC from the Peaker financing collateral package, which also involved limited commitments for certain repairs on other assets that were funded concurrently with the December 10, 2013, debt service payment. On March 3, 2014, Bayou Cove Peaking Power LLC sold Bayou Cove Unit 1, which the Company continues to manage and operate.

High Lonesome Mesa Facility

Prior to the Company's acquisition of EME, an intercompany tax credit agreement related to the High Lonesome Mesa facility was terminated. The termination resulted in an event of default under the project financing arrangement. The Company received additional default notices for various items. As a result of the default, the balance under the project financing arrangement is classified as current. On November 3, 2015, the lender sent a notice of acceleration of such amount and indicated that it will accept the Company's interest in the assets in lieu of repayment. The Company is currently evaluating its options with respect to this notification.

Note 9 — Variable Interest Entities, or VIEs

Entities that are not Consolidated

NRG has interests in entities that are considered VIEs under ASC 810, Consolidation, but NRG is not considered the primary beneficiary. NRG accounts for its interests in these entities under the equity method of accounting.

GenConn Energy LLC — Through its consolidated subsidiary, Yield Operating, the Company owns a 50% interest in GCE Holding LLC, the owner of GenConn, which owns and operates two 190 MW peaking generation facilities in Connecticut at NRG's Devon and Middletown sites. NRG's maximum exposure to loss is limited to its equity investment, which was \$110 million as of September 30, 2015.

Sherbino I Wind Farm LLC — NRG owns a 50% interest in Sherbino, a joint venture with BP Wind Energy North America Inc. NRG's maximum exposure to loss is limited to its equity investment, which was \$80 million as of September 30, 2015.

Entities that are Consolidated

Capistrano Wind Partners — Through the acquisition of EME, the Company has a controlling financial interest in Capistrano Wind Partners, whose Class B preferred equity interests are held by outside investors. Capistrano Wind Partners holds 100% ownership in five projects generating 411 MW of wind capacity. The five wind projects include Cedro Hill located in Texas, Mountain Wind Power I located in Wyoming, Mountain Wind Power II located in Wyoming, Crofton Bluffs located in Nebraska, and Broken Bow I located in Nebraska.

Under the terms of the Capistrano Wind Partners formation documents, the holders of the Class B preferred equity interests receive 100% of the cash available for distribution, up to a scheduled amount to target a certain return and thereafter cash distributions are shared. The Company retains indirect beneficial ownership of the wind projects and retains responsibilities for managing the operations of Capistrano Wind Partners. Accordingly, the Company consolidates these projects. The Company does not consolidate Capistrano Wind Partners for tax purposes.

The summarized financial information for Capistrano Wind Holdings, the parent company of Capistrano Wind Partners, consisted of the following:

(In millions)	September 30, 2015
Current assets	\$23
Net property, plant and equipment	563
Other long-term assets	127
Total assets	713
Current liabilities	38
Long-term debt	175
Other long-term liabilities	154
Total liabilities	367
Noncontrolling interests	336
Net assets less noncontrolling interests	\$10

Note 10 — Changes in Capital Structure

As of September 30, 2015, and December 31, 2014, the Company had 500,000,000 shares of common stock authorized. The following table reflects the changes in NRG's common stock issued and outstanding:

	Issued	Treasury	Outstanding
Balance as of December 31, 2014	415,506,176	(78,843,552)	336,662,624
Shares issued under LTIPs	1,419,704	—	1,419,704
Shares issued under ESPP	—	283,139	283,139
Shares repurchased under Capital Allocation Program	—	(18,630,575)	(18,630,575)
Balance as of September 30, 2015	416,925,880	(97,190,988)	319,734,892

Employee Stock Purchase Plan

As of September 30, 2015, there were 1,276,913 shares of treasury stock available for issuance under the ESPP.

NRG Common Stock Dividends

The following table lists the dividends paid during the nine months ended September 30, 2015:

	Third Quarter 2015	Second Quarter 2015	First Quarter 2015
Dividends per Common Share	\$0.145	\$0.145	\$0.145

On October 12, 2015, NRG declared a quarterly dividend on the Company's common stock of \$0.145 per share, payable November 16, 2015, to stockholders of record as of November 2, 2015, representing \$0.58 per share on an annualized basis.

The Company's common stock dividends are subject to available capital, market conditions, and compliance with associated laws, regulations and other contractual obligations.

2015 Capital Allocation Program

Beginning December 2014 through September 2015, the Company's board of directors authorized share repurchases of \$481 million of its common stock under the 2015 Capital Allocation Program.

The following table reflects the repurchases made under the 2015 Capital Allocation Program:

	Total number of shares purchased	Average price paid per share ^(a)	Amounts paid for shares purchased (in millions) ^(a)
2015 Capital Allocation Program			
Fourth Quarter 2014	1,624,360	\$26.95	\$44
First Quarter 2015	3,146,484	25.15	79
Second Quarter 2015	4,379,907	24.53	107
Third Quarter 2015	11,104,184	15.06	167
Fourth Quarter 2015	5,558,920	15.03	84
Total Repurchases under 2015 Capital Allocation Program	25,813,855		\$481

(a) The average price paid per share and amounts paid for shares purchased exclude the commissions of \$0.015 per share paid in connection with the share repurchase.

Note 11 — Earnings/(Loss) Per Share

Basic earnings/(loss) per common share is computed by dividing net income/(loss) less accumulated preferred stock dividends by the weighted average number of common shares outstanding. Shares issued and treasury shares repurchased during the year are weighted for the portion of the year that they were outstanding. Diluted earnings/(loss) per share is computed in a manner consistent with that of basic earnings/(loss) per share while giving effect to all potentially dilutive common shares that were outstanding during the period. The reconciliation of NRG's basic and diluted earnings/(loss) per share is shown in the following table:

(In millions, except per share data)	Three months ended		Nine months ended	
	September 30,		September 30,	
	2015	2014	2015	2014
Basic earnings/(loss) per share attributable to NRG Energy, Inc. common stockholders				
Net income/(loss) attributable to NRG Energy, Inc.	\$66	\$168	\$(68)	\$15
Dividends for preferred shares	5	2	15	7
Income/(loss) available for common stockholders	\$61	\$166	\$(83)	\$8
Weighted average number of common shares outstanding - basic	331	338	334	333
Earnings/(loss) per weighted average common share — basic	\$0.18	\$0.49	\$(0.25)	\$0.02
Diluted earnings/(loss) per share attributable to NRG Energy, Inc. common stockholders				
Weighted average number of common shares outstanding	331	338	334	333
Incremental shares attributable to the issuance of equity compensation (treasury stock method)	1	5	—	5
Total dilutive shares	332	343	334	338
Earnings/(loss) per weighted average common share — diluted	\$0.18	\$0.48	\$(0.25)	\$0.02

The following table summarizes NRG's outstanding equity instruments that are anti-dilutive and were not included in the computation of the Company's diluted earnings/(loss) per share:

(In millions of shares)	Three months ended		Nine months ended	
	September 30,		September 30,	
	2015	2014	2015	2014
Equity compensation plans	3	1	6	1
Embedded derivative of 2.822% redeemable perpetual preferred stock ^(a)	16	16	16	16
Total	19	17	22	17

(a) As of September 30, 2014, the redeemable perpetual preferred stock had an interest rate of 3.625%.

Note 12 — Segment Reporting

Effective in December 2014, the Company's segment structure and its allocation of corporate expenses were updated to reflect how management currently makes financial decisions and allocates resources. The Company has recast data from prior periods to reflect this change in reportable segments to conform to the current year presentation. The Company's businesses are segregated as follows: NRG Business, which includes conventional power generation and the carbon capture business; NRG Home, which includes NRG Home Retail, consisting of Mass market retail products and services, and NRG Home Solar, which includes the installation and leasing of residential solar systems and the sale of solar energy services; NRG Renew, which includes solar and wind assets, excluding those in the NRG Yield segment; NRG Yield; and corporate activities. NRG Yield includes certain of the Company's contracted generation assets. On January 2, 2015, NRG Yield, Inc. acquired three projects from the Company: Walnut Creek formerly in the NRG Business segment, the Tapestry projects (Buffalo Bear, Pinnacle and Taloga) and Laredo Ridge, both formerly in the NRG Renew segment. As the transaction was accounted for as a transfer of entities under common control, all historical periods have been recast to reflect this change. The Company's corporate segment includes international business and electric vehicle services. Intersegment sales are accounted for at market. NRG's chief operating decision maker, its chief executive officer, evaluates the performance of its segments based on operational measures including adjusted earnings before interest, taxes, depreciation and amortization, or Adjusted EBITDA, free cash flow and capital for allocation, as well as net income/(loss) and net income/(loss) attributable to NRG Energy, Inc.

	NRG Home		NRG Renew ^(a)	NRG Yield ^(b)	Corporate ^(a)	Eliminations	Total	
	NRG Business ^(a)	Retail ^(a) Solar						
Three months ended September 30, 2015	(in millions)							
Operating revenues ^(a)	\$2,723	\$1,699 \$4	\$168	\$209	\$(3)	\$(369)	\$4,431	
Depreciation and amortization	220	30 8	65	50	9	—	382	
Impairment charges	222	36 —	5	—	—	—	263	
Equity in earnings of unconsolidated affiliates	7	— —	—	19	3	(5)	24	
Income/(Loss) before income taxes	165	196 (50)	(14)	42	(222)	(3)	114	
Net Income/(Loss)	164	196 (50)	(10)	34	(264)	(3)	67	
Net Income/(Loss) attributable to NRG Energy, Inc.	\$164	\$196 \$(45)	\$(27)	\$22	\$(266)	\$22	\$66	
Total assets as of September 30, 2015	\$25,609	\$7,092 \$197	\$6,981	\$6,989	\$28,145	\$(35,025)	\$39,988	
(a) Operating revenues include inter-segment sales and net derivative gains and losses of:								
(b) Includes loss on debt extinguishment of:	\$—	\$— \$—	\$—	\$2	\$—	\$—	\$2	
	NRG Home		NRG Renew ^(c)	NRG Yield	Corporate ^{(c)(d)}	Eliminations	Total	
	NRG Business ^(c)	Retail ^(c) Solar						
(in millions)								

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Three months ended
September 30, 2014

Operating revenues ^(c)	\$3,093	\$1,775	\$13	\$154	\$184	\$ 14	\$ (664)	\$4,569
Depreciation and amortization	238	31	2	61	34	9	—	375
Impairment charges	60	—	—	10	—	—	—	70
Equity in earnings/(loss) of unconsolidated affiliates	13	—	—	(2)	11	—	(4)	18
Income/(Loss) before income taxes	392	121	(27)	(22)	49	(254)	12	271
Net Income/(Loss)	392	121	(27)	(22)	39	(333)	12	182
Net Income/(Loss) attributable to NRG Energy, Inc.	\$392	\$121	\$(27)	\$(34)	\$33	\$(339)	\$ 22	\$168
(c) Operating revenues include inter-segment sales and net derivative gains and losses of:								
(d) Includes loss on debt extinguishment of:	\$595	\$1	\$—	\$6	\$—	\$62	\$—	\$664
	\$—	\$—	\$—	\$—	\$—	\$13	\$—	\$13

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	NRG Home							Total
	NRG Business ^(e)	Retail ^(e)	Solar	NRG Renew ^(e)	NRG Yield ^{(e)(f)}	Corporate ^(e)	Eliminations	
Nine months ended September 30, 2015	(in millions)							
Operating revenues ^(e)	\$7,334	\$4,308	\$19	\$423	\$606	\$(9)	\$(1,027)	\$11,654
Depreciation and amortization	682	93	18	193	163	24	—	1,173
Impairment charges	222	36	—	5	—	—	—	263
Equity in earnings/(loss) of unconsolidated affiliates	7	—	—	(2)	29	3	(8)	29
Income/(Loss) before income taxes	193	512	(149)	(96)	67	(640)	(8)	(121)
Net Income/(Loss)	192	512	(149)	(83)	59	(601)	(8)	(78)
Net Income/(loss) attributable to NRG Energy, Inc.	\$192	\$512	\$(143)	\$(109)	\$35	\$(579)	\$24	\$(68)
(e) Operating revenues include inter-segment sales and net derivative gains and losses of:	\$850	\$5	\$—	\$32	\$9	\$131	\$—	\$1,027
(f) Includes loss on debt extinguishment of:	\$—	\$—	\$—	\$—	\$9	\$—	\$—	\$9

	NRG Home							Total
	NRG Business ^(g)	Retail ^(g)	Solar	NRG Renew ^{(g)(h)}	NRG Yield	Corporate ^{(g)(h)}	Eliminations	
Nine months ended September 30, 2014	(in millions)							
Operating revenues ^(g)	\$7,974	\$4,260	\$38	\$360	\$497	\$38	\$(1,491)	\$11,676
Depreciation and amortization	702	92	4	161	112	25	—	1,096
Impairment charges	60	—	—	10	—	—	—	70
Equity in earnings/(loss) of unconsolidated affiliates	29	—	—	(8)	26	3	(11)	39
Income/(Loss) before income taxes	486	256	(36)	(85)	122	(778)	2	(33)
Net Income/(Loss)	\$485	\$256	\$(36)	\$(85)	\$107	\$(694)	\$2	35
Net Income/(Loss) attributable to NRG Energy, Inc.	\$485	\$256	\$(36)	\$(100)	\$91	\$(709)	\$28	\$15
(g) Operating revenues include inter-segment sales and net derivative gains and losses of:	\$1,420	\$5	\$—	\$21	\$—	\$45		\$1,491
(h) Includes loss on debt extinguishment of:	\$—	\$—	\$—	\$1	\$—	\$93		\$94

Note 13 — Income Taxes

Effective Tax Rate

The income tax provision consisted of the following:

(In millions except otherwise noted)	Three months ended		Nine months ended	
	September 30,		September 30,	
	2015	2014	2015	2014
Income/(loss) before income taxes	\$114	\$271	\$(121)	\$(33)
Income tax expense/(benefit)	47	89	(43)	(68)
Effective tax rate	41.2	% 32.8	% 35.5	% 206.1

For the three months ended September 30, 2015, NRG's overall effective tax rate was different than the statutory rate of 35% primarily due to non deductible impairment of goodwill, partially offset by production tax credits generated from the Company's wind assets.

For the nine month ended September 30, 2015, NRG's overall effective tax rate was different than the statutory rate of 35% primarily due to the impact of production tax credits generated from the Company's wind assets, partially offset by tax expense attributable to consolidated partnerships.

For the three and nine months ended September 30, 2014, NRG's overall effective tax rate was different than the statutory rate of 35% primarily due to the impact of production tax credits generated from the Company's wind assets and a benefit resulting from the recognition of previously uncertain tax benefits that were settled upon IRS audit during the second quarter of 2014.

Uncertain Tax Benefits

As of September 30, 2015, NRG has recorded a non-current tax liability of \$57 million for uncertain tax benefits from positions taken on various state income tax returns, including accrued interest. For the nine months ended September 30, 2015, NRG accrued \$1 million of interest relating to the uncertain tax benefits. As of September 30, 2015, NRG had cumulative interest and penalties related to these uncertain tax benefits of \$7 million. The Company recognizes interest and penalties related to uncertain tax benefits in income tax expense.

NRG is subject to examination by taxing authorities for income tax returns filed in the U.S. federal jurisdiction and various state and foreign jurisdictions including operations located in Australia. The Company is not subject to U.S. federal income tax examinations for years prior to 2011. With few exceptions, state and local income tax examinations are no longer open for years before 2009. The Company's primary foreign operations are also no longer subject to examination by local jurisdictions for years prior to 2010.

Note 14 — Commitments and Contingencies

This footnote should be read in conjunction with the complete description under Note 22, Commitments and Contingencies, to the Company's 2014 Form 10-K.

Commitments

First Lien Structure — NRG has granted first liens to certain counterparties on a substantial portion of the Company's assets, excluding assets acquired in the GenOn and EME (including Midwest Generation) acquisitions, assets held by NRG Yield, Inc. and NRG's assets that have project-level financing, to reduce the amount of cash collateral and letters of credit that it would otherwise be required to post from time to time to support its obligations under out-of-the-money hedge agreements for forward sales of power or MWh equivalents. The Company's lien counterparties may have a claim on NRG's assets to the extent market prices exceed the hedged price. As of September 30, 2015, hedges under the first liens were in-the-money for NRG on a counterparty aggregate basis.

Nuclear Insurance — STP maintains required insurance coverage for liability claims arising from nuclear incidents pursuant to the Price-Anderson Act. As a result of one reactor obtaining its Nuclear Regulatory Operating License in the U.S., the current per reactor liability limits under the Price-Anderson Act have changed. Effective October 22, 2015, the current liability limit per incident is \$13.5 billion, subject to change to account for the effects of inflation and the number of licensed reactors. An inflation adjustment must be made at least once every five years with the most recent adjustment effective September 2013. Under the Price-Anderson Act, owners of nuclear power plants in the U.S. are required to purchase primary insurance limits of \$375 million for each operating site. In addition, the Price-Anderson Act requires an additional layer of protection through mandatory participation in a retrospective rating plan for power reactors resulting in an additional \$13.5 billion in funds available for public liability claims. The current maximum assessment per incident, per reactor, is approximately \$127 million, taking into account a 5% adjustment for administrative fees, payable at approximately \$19 million per year, per reactor. NRG would be responsible for 44% of the maximum assessment, or \$8 million per year, per reactor, and a maximum of \$112 million per incident. In addition, the U.S. Congress retains the ability to impose additional financial requirements on the nuclear industry to pay liability claims that exceed \$13.5 billion for a single incident. The liabilities of the co-owners of STP with respect to the retrospective premium assessments for nuclear liability insurance are joint and several.

Ivanpah Energy Production Guarantee — The Company's PPAs with PG&E with respect to the Ivanpah project contain provisions for contract quantity and guaranteed energy production, which require that Ivanpah units 1 and 3 deliver to PG&E no less than the guaranteed energy production amount specified in the PPAs in any period of twenty-four consecutive months, or performance measurement period, during the term of the PPAs. If either of Ivanpah units 1

and 3 deliver less than the guaranteed energy production amount in any performance measurement period, PG&E may, at its option, declare an event of default. Based on the energy production amount since January 2014, the Company expects that the units will not meet their guaranteed energy production amount for the initial performance measurement period. The Company is exploring options to mitigate this risk or its consequences.

Contingencies

The Company's material legal proceedings are described below. The Company believes that it has valid defenses to these legal proceedings and intends to defend them vigorously. NRG records reserves for estimated losses from contingencies when information available indicates that a loss is probable and the amount of the loss, or range of loss, can be reasonably estimated. In addition, legal costs are expensed as incurred. Management has assessed each of the following matters based on current information and made a judgment concerning its potential outcome, considering the nature of the claim, the amount and nature of damages sought, and the probability of success. Unless specified below, the Company is unable to predict the outcome of these legal proceedings or reasonably estimate the scope or amount of any associated costs and potential liabilities. As additional information becomes available, management adjusts its assessment and estimates of such contingencies accordingly. Because litigation is subject to inherent uncertainties and unfavorable rulings or developments, it is possible that the ultimate resolution of the Company's liabilities and contingencies could be at amounts that are different from its currently recorded reserves and that such difference could be material.

In addition to the legal proceedings noted below, NRG and its subsidiaries are party to other litigation or legal proceedings arising in the ordinary course of business. In management's opinion, the disposition of these ordinary course matters will not materially adversely affect NRG's consolidated financial position, results of operations, or cash flows.

Midwest Generation Asbestos Liabilities — The Company, through its subsidiary, Midwest Generation, may be subject to potential asbestos liabilities as a result of its acquisition of EME. The Company is currently analyzing the scope of potential liability as it may relate to Midwest Generation. The Company believes that it has established an adequate reserve to deal with these cases.

Actions Pursued by MC Asset Recovery — With Mirant Corporation's emergence from bankruptcy protection in 2006, certain actions filed by GenOn Energy Holdings and some of its subsidiaries against third parties were transferred to MC Asset Recovery, a wholly owned subsidiary of GenOn Energy Holdings. MC Asset Recovery is governed by a manager who is independent of NRG and GenOn. MC Asset Recovery is a disregarded entity for income tax purposes. Under the remaining action transferred to MC Asset Recovery, MC Asset Recovery seeks to recover damages from Commerzbank AG and various other banks, or the Commerzbank Defendants, for alleged fraudulent transfers that occurred prior to Mirant's bankruptcy proceedings. In December 2010, the U.S. District Court for the Northern District of Texas dismissed MC Asset Recovery's complaint against the Commerzbank Defendants. In January 2011, MC Asset Recovery appealed the District Court's dismissal of its complaint against the Commerzbank Defendants to the U.S. Court of Appeals for the Fifth Circuit. In March 2012, the Court of Appeals reversed the District Court's dismissal and reinstated MC Asset Recovery's amended complaint against the Commerzbank Defendants. If MC Asset Recovery succeeds in obtaining any recoveries from the Commerzbank Defendants, the Commerzbank Defendants have asserted that they will seek to file claims in Mirant's bankruptcy proceedings for the amount of those recoveries. GenOn Energy Holdings would vigorously contest the allowance of any such claims. If the Commerzbank Defendants were to receive an allowed claim as a result of a recovery by MC Asset Recovery on its claims against them, GenOn Energy Holdings would retain from the net amount recovered by MC Asset Recovery an amount equal to the dollar amount of the resulting allowed claim.

Natural Gas Litigation — GenOn is party to several lawsuits, certain of which are class action lawsuits, in state and federal courts in Kansas, Missouri, Nevada and Wisconsin. These lawsuits were filed in the aftermath of the California energy crisis in 2000 and 2001 and the resulting FERC investigations and relate to alleged conduct to increase natural gas prices in violation of state antitrust law and similar laws. The lawsuits seek treble or punitive damages, restitution and/or expenses. The lawsuits also name as parties a number of energy companies unaffiliated with NRG. In July 2011, the U.S. District Court for the District of Nevada, which was handling four of the five cases, granted the defendants' motion for summary judgment and dismissed all claims against GenOn in those cases. The plaintiffs appealed to the U.S. Court of Appeals for the Ninth Circuit which reversed the decision of the District Court. GenOn along with the other defendants in the lawsuit filed a petition for a writ of certiorari to the U.S. Supreme Court

challenging the Court of Appeals' decision, and the U.S. Supreme Court granted the petition. On April 21, 2015, the U.S. Supreme Court affirmed the Ninth Circuit's holding that plaintiffs' state antitrust law claims are not field-preempted by the federal Natural Gas Act and the Supremacy Clause of the U.S. Constitution. The U.S. Supreme Court left open whether the claims were preempted on the basis of conflict preemption. The U.S. Supreme Court directed that the case be remanded to the U.S. District Court for the District of Nevada for further proceedings. GenOn has agreed to indemnify CenterPoint against certain losses relating to these lawsuits.

In September 2012, the State of Nevada Supreme Court, which was handling the remaining case, affirmed dismissal by the Eighth Judicial District Court for Clark County, Nevada of all plaintiffs' claims against GenOn. In February 2013, the plaintiffs in the Nevada case filed a petition for a writ of certiorari to the U.S. Supreme Court. In June 2013, the U.S. Supreme Court denied the petition for a writ of certiorari, thereby ending one of the five lawsuits.

Energy Plus Holdings — On August 7, 2012, Energy Plus Holdings received a subpoena from the NYAG which generally sought information and business records related to Energy Plus Holdings' sales, marketing and business practices. Energy Plus Holdings provided documents and information to the NYAG. On June 22, 2015, the NYAG issued another subpoena seeking additional information. The parties are engaged in discussions regarding the scope of the second subpoena. The Company does not expect the resolution of this matter to have a material impact on the Company's consolidated financial position, results of operations, or cash flows.

Maryland Department of the Environment v. GenOn Chalk Point and GenOn Mid-Atlantic — On January 25, 2013, Food & Water Watch, the Patuxent Riverkeeper and the Potomac Riverkeeper (together, the Citizens Group) sent GenOn Mid-Atlantic a letter alleging that the Chalk Point, Dickerson and Morgantown generating facilities were violating the terms of the three National Pollution Discharge Elimination System permits by discharging nitrogen and phosphorous in excess of the limits in each permit. On March 21, 2013, the MDE sent GenOn Mid-Atlantic a similar letter with respect to the Chalk Point and Dickerson generating facilities, threatening to sue within 60 days if the generating facilities were not brought into compliance. On June 11, 2013, the Maryland Attorney General on behalf of the MDE filed a complaint in the U.S. District Court for the District of Maryland alleging violations of the CWA and Maryland environmental laws related to water. The lawsuit is ongoing and seeks injunctive relief and civil penalties in excess of \$100,000. The Company does not expect the resolution of this matter to have a material impact on the Company's consolidated financial position, results of operations, or cash flows.

Midwest Generation New Source Review Litigation — In August 2009, the EPA and the Illinois Attorney General, or the Government Plaintiffs, filed a complaint, or the Governments' Complaint, in the U.S. District Court for the Northern District of Illinois alleging violations of CAA PSD requirements by Midwest Generation arising from maintenance, repair or replacement projects at six Illinois coal-fired electric generating stations performed by Midwest Generation or ComEd, a prior owner of the stations, including alleged failures to obtain PSD construction permits and to comply with BACT requirements. The Government Plaintiffs also alleged violations of opacity and PM standards at the Midwest Generation plants. Finally, the Government Plaintiffs alleged that Midwest Generation violated certain operating permit requirements under Title V of the CAA allegedly arising from such claimed PSD, opacity and PM emission violations. In addition to seeking penalties of up to \$37,500 per violation, per day, the complaint seeks an injunction ordering Midwest Generation to install controls sufficient to meet BACT emission rates at the units subject to the complaint and other remedies, which could go well beyond the requirements of the CPS. Several environmental groups intervened as plaintiffs in this litigation and filed a complaint, or the Intervenor's Complaint, which alleged opacity, PM and related Title V violations. Midwest Generation filed a motion to dismiss nine of the ten PSD counts in the Governments' Complaint, and to dismiss the tenth PSD count to the extent the Governments' Complaint sought civil penalties for that count. The trial court granted the motion in March 2010.

In June 2010, the Government Plaintiffs and Intervenor each filed an amended complaint. The Governments' Amended Complaint again alleged that Midwest Generation violated PSD (based upon the same projects as alleged in their original complaint, but adding allegations that the Company was liable as the "successor" to ComEd), Title V and opacity and PM standards. It named EME and ComEd as additional defendants and alleged PSD violations (again, premised on the same projects) against them. The Intervenor's Amended Complaint named only Midwest Generation as a defendant and alleged Title V and opacity/PM violations, as well as one of the ten PSD violations alleged in the Governments' Amended Complaint. Midwest Generation again moved to dismiss all but one of the Government Plaintiffs' PSD claims and the related Title V claims. Midwest Generation also filed a motion to dismiss the PSD claim in the Intervenor's Amended Complaint and the related Title V claims. In March 2011, the trial court granted Midwest Generation's partial motion to dismiss the Government Plaintiffs' PSD claims. The trial court denied Midwest Generation's motion to dismiss the PSD claim asserted in the Intervenor's Amended Complaint, but noted that the plaintiffs would be required to convince the court that the statute of limitations should be equitably tolled. The trial court did not address other counts in the amended complaints that allege violations of opacity and PM emission limitations under the Illinois State Implementation Plan and related Title V claims. The trial court also granted the motions to dismiss the PSD claims asserted against EME and ComEd.

Following the trial court ruling, the Government Plaintiffs appealed the trial court's dismissals of their PSD claims, including the dismissal of nine of the ten PSD claims against Midwest Generation and of the PSD claims against the other defendants. Those PSD claim dismissals were affirmed by the U.S. Court of Appeals for the Seventh Circuit in July 2013. In addition, in 2012, all but one of the environmental groups that had intervened in the case dismissed their claims without prejudice. As a result, only one environmental group remains a plaintiff intervenor in the case. The Company does not expect the resolution of this matter to have a material impact on the Company's consolidated financial position, results of operations or cash flows.

Telephone Consumer Protection Act Purported Class Actions — Two purported class action lawsuits have been filed against NRG and NRG Residential Solar Solutions, LLC in California and New Jersey. The plaintiffs generally allege misrepresentation by the call agents and violations of the TCPA, claiming that the defendants engaged in a telemarketing campaign placing unsolicited calls to individuals on the “Do Not Call List.” The plaintiffs generally seek statutory damages of up to \$1,500 per plaintiff, actual damages and equitable relief. The Company intends to vigorously defend against these lawsuits. On September 25, 2015, plaintiffs dismissed NRG Energy, Inc. from the New Jersey lawsuit. The remaining NRG parties have requested a stay of both cases pending decisions of unrelated cases by the U.S. Supreme Court, the results of which could materially affect these lawsuits. On October 21, 2015, the court in the California case granted NRG's request for a stay.

El Segundo Environmental Liability — During the maintenance of breakers in 2012, the Company's El Segundo plant exceeded California's limit regarding SF6 losses. SF6 is an electrical insulator and GHG. The Company is in settlement discussions with the California Air Resources Board to resolve the matter and expects to pay a penalty in excess of \$100,000. The Company does not expect the resolution of this matter to have a material impact on the Company's consolidated financial position, results of operations or cash flows.

Note 15 — Regulatory Matters

This footnote should be read in conjunction with the complete description under Note 23, Regulatory Matters, to the Company's 2014 Form 10-K.

NRG operates in a highly regulated industry and is subject to regulation by various federal and state agencies. As such, NRG is affected by regulatory developments at both the federal and state levels and in the regions in which NRG operates. In addition, NRG is subject to the market rules, procedures, and protocols of the various ISO and RTO markets in which NRG participates. These power markets are subject to ongoing legislative and regulatory changes that may impact NRG's wholesale and retail businesses.

In addition to the regulatory proceedings noted below, NRG and its subsidiaries are a party to other regulatory proceedings arising in the ordinary course of business or have other regulatory exposure. In management's opinion, the disposition of these ordinary course matters will not materially adversely affect NRG's consolidated financial position, results of operations, or cash flows.

National

Court Rejects FERC's Jurisdiction Over Demand Response — On May 23, 2014, the D.C. Circuit vacated FERC's rules (known as Order No. 745) that allowed demand response resources to participate in FERC-jurisdictional energy markets. The Court of Appeals held that the FPA does not authorize FERC to exercise jurisdiction over demand response and that instead demand response is part of the retail market over which the states have jurisdiction. The specific order being challenged related to energy market compensation, but this ruling also calls into question whether demand response will be permitted to participate in the capacity markets in the future. Parties including the U.S. Solicitor General filed petitions for a writ of certiorari with the U.S. Supreme Court. On May 4, 2015, the U.S. Supreme Court granted certiorari on two questions: first, on whether the FPA gives FERC jurisdiction over demand response, and second, whether FERC was arbitrary and capricious when it established in Order No. 745 the level of compensation to be paid to demand response resources participating in the wholesale energy markets. On July 16, 2015, the Company filed an amicus brief with the U.S. Supreme Court. The U.S. Supreme Court heard oral argument on October 14, 2015. The eventual outcome of this proceeding could result in refunds of payments made for non-jurisdictional services and resettlement of wholesale markets, but it is not possible to predict the outcome or estimate the impact on the Company at this time.

East Region

Montgomery County Station Power Tax — On December 20, 2013, the Company received a letter from Montgomery County, Maryland requesting payment of an energy tax for the consumption of station power at the Dickerson Facility over the previous three years. Montgomery County seeks payment in the amount of \$22 million, which includes tax, interest and penalties. The Company is disputing the applicability of the tax. On December 17, 2014, the Maryland Tax Court heard oral arguments from the parties. Subsequently, post hearing briefs were filed. The decision is pending.

Note 16 — Environmental Matters

This footnote should be read in conjunction with the complete description under Note 24, Environmental Matters, to the Company's 2014 Form 10-K.

NRG is subject to a wide range of environmental laws in the development, construction, ownership and operation of projects. These laws generally require that governmental permits and approvals be obtained before construction and during operation of power plants. NRG is also subject to laws and regulations surrounding the protection of wildlife, including migratory birds, eagles and threatened and endangered species. Environmental laws have become increasingly stringent and NRG expects this trend to continue. The electric generation industry is facing new requirements to address various emissions, including GHG, as well as combustion byproducts, water discharge and use, and threatened and endangered species. In general, future laws are expected to require the addition of emissions controls or other environmental controls or to impose certain restrictions on the operations of the Company's facilities, which could have a material effect on the Company's operations.

The EPA finalized CSAPR in 2011, which was intended to replace CAIR in January 2012, to address each state's obligation to reduce emissions so that downwind states can achieve federal air quality standards. In December 2011, the D.C. Circuit stayed the implementation of CSAPR and then vacated CSAPR in August 2012 but kept CAIR in place until the EPA could replace it. In April 2014, the U.S. Supreme Court reversed and remanded the D.C. Circuit's decision. In October 2014, the D.C. Circuit lifted the stay of CSAPR. In response, the EPA in November 2014 amended the CSAPR compliance dates. Accordingly, CSAPR replaced CAIR on January 1, 2015. On July 28, 2015, the D.C. Circuit held that the EPA had exceeded its authority by requiring certain reductions that were not necessary for downwind states to achieve federal standards. Although the D.C. Circuit kept the rule in place, the D.C. Circuit ordered the EPA to revise the Phase 2 (or 2017) (i) SO₂ budgets for four states including Texas and (ii) ozone-season NO_x budgets for 11 states including Maryland, New Jersey, New York, Ohio, Pennsylvania and Texas. While NRG cannot predict the final outcome of this rulemaking, the Company believes its investment in pollution controls and cleaner technologies coupled with planned plant retirements leave the fleet well positioned for compliance.

In February 2012, the EPA promulgated standards (the MATS rule) to control emissions of HAPs from coal and oil-fired electric generating units. The rule established limits for mercury, non-mercury metals, certain organics and acid gases, which limits must be met beginning in April 2015 (with some units getting a 1-year extension). In June 2015, the U.S. Supreme Court issued a decision in the case of Michigan v. EPA, and held that the EPA unreasonably refused to consider costs when it determined that it was "appropriate and necessary" to regulate HAPs emitted by electric generating units. The U.S. Supreme Court did not vacate the MATS rule but rather remanded it to the D.C. Circuit for further proceedings.

Water

In August 2014, the EPA finalized the regulation regarding the use of water for once through cooling at existing facilities to address impingement and entrainment concerns. NRG anticipates that more stringent requirements will be incorporated into some of its water discharge permits over the next several years as NPDES permits are renewed.

Byproducts, Wastes, Hazardous Materials and Contamination

In April 2015, the EPA finalized the rule regulating byproducts of coal combustion (e.g., ash and gypsum) as solid wastes under the RCRA. These byproducts will be regulated as solid wastes. The Company is evaluating the impact of the new rule on its results of operations, financial condition and cash flows and has accrued its environmental and asset retirement obligations under the rule based on current estimates as of September 30, 2015.

East Region

Maryland Environmental Regulations — In December 2014, MDE proposed a regulation regarding NO_x emissions from coal-fired electric generating units, which if finalized would have required by 2020 the Company (at each of the three Dickerson coal-fired units and the Chalk Point coal-fired unit that does not have an SCR) to either (1) install and operate an SCR; (2) retire the unit; or (3) convert the fuel source from coal to natural gas. In early 2015, a new gubernatorial administration in Maryland decided not to finalize the regulation as proposed. In September 2015, MDE proposed revised regulations to address future NO_x reductions, which when finalized may negatively affect certain of the Company's coal-fired units in Maryland.

Environmental Capital Expenditures

NRG estimates that environmental capital expenditures from 2015 through 2019 required to comply with environmental laws will be approximately \$629 million, which includes \$98 million for GenOn and \$430 million for Midwest Generation. These costs, the majority of which will be expended by the end of 2016, are primarily associated with (i) DSI/ESP upgrades at the Powerton and Waukegan facilities and the Joliet gas conversion to satisfy the IL CPS; (ii) controls to satisfy MATS and the NSR settlement at the Big Cajun II facility; (iii) controls to satisfy MATS at the Avon Lake facility; (iv) mercury controls at the W.A. Parish facility; and (v) NO_x controls for the Sayreville and Gilbert facilities. The increase in environmental capital expenditures for GenOn relates to the Avon Lake Unit 9 MATS compliance project.

Note 17 — Condensed Consolidating Financial Information

As of September 30, 2015, the Company had outstanding \$6.4 billion of Senior Notes due from 2018 - 2024, as shown in Note 8, Debt and Capital Leases. These Senior Notes are guaranteed by certain of NRG's current and future 100% owned domestic subsidiaries, or guarantor subsidiaries. These guarantees are both joint and several. The non-guarantor subsidiaries include all of NRG's foreign subsidiaries and certain domestic subsidiaries, including GenOn and its subsidiaries and NRG Yield, Inc. and its subsidiaries.

Unless otherwise noted below, each of the following guarantor subsidiaries fully and unconditionally guaranteed the Senior Notes as of September 30, 2015:

Ace Energy, Inc.	NEO Power Services Inc.	NRG Operating Services, Inc.
Allied Warranty LLC	New Genco GP, LLC	NRG Oswego Harbor Power Operations Inc.
Arthur Kill Power LLC	Norwalk Power LLC	NRG PacGen Inc.
Astoria Gas Turbine Power LLC	NRG Advisory Services LLC	NRG Portable Power LLC
Bayou Cove Peaking Power, LLC	NRG Affiliate Services Inc.	NRG Power Marketing LLC
BidURenergy, Inc.	NRG Artesian Energy LLC	NRG Reliability Solutions LLC
Cabrillo Power I LLC	NRG Arthur Kill Operations Inc.	NRG Renter's Protection LLC
Cabrillo Power II LLC	NRG Astoria Gas Turbine Operations Inc.	NRG Retail LLC
Carbon Management Solutions LLC	NRG Bayou Cove LLC	NRG Retail Northeast LLC
Cirro Group, Inc.	NRG Business Services LLC	NRG Rockford Acquisition LLC
Cirro Energy Services, Inc.	NRG Business Solutions LLC	NRG Saguario Operations Inc.
Clean Edge Energy LLC	NRG Cabrillo Power Operations Inc.	NRG Security LLC
Conemaugh Power LLC	NRG California Peaker Operations LLC	NRG Services Corporation
Connecticut Jet Power LLC	NRG Cedar Bayou Development Company, LLC	NRG SimplySmart Solutions LLC
Cottonwood Development LLC	NRG Connected Home LLC	NRG SPV #1 LLC
Cottonwood Energy Company LP	NRG Connecticut Affiliate Services Inc.	NRG South Central Affiliate Services Inc.
Cottonwood Generating Partners I LLC	NRG Construction LLC	NRG South Central Generating LLC
Cottonwood Generating Partners II LLC	NRG Curtailment Solutions LLC	NRG South Central Operations Inc.
Cottonwood Generating Partners III LLC	NRG Development Company Inc.	NRG South Texas LP
Cottonwood Technology Partners LP	NRG Devon Operations Inc.	NRG Texas C&I Supply LLC
Devon Power LLC	NRG Dispatch Services LLC	NRG Texas Gregory LLC
Dunkirk Power LLC	NRG Distributed Generation PR LLC	NRG Texas Holding Inc.
Eastern Sierra Energy Company LLC	NRG Dunkirk Operations Inc.	NRG Texas LLC
El Segundo Power, LLC	NRG El Segundo Operations Inc.	NRG Texas Power LLC
El Segundo Power II LLC	NRG Energy Efficiency-L LLC	NRG Warranty Services LLC
Energy Alternatives Wholesale, LLC	NRG Energy Efficiency-P LLC	NRG West Coast LLC
Energy Curtailment Specialists, Inc.	NRG Energy Labor Services LLC	NRG Western Affiliate Services Inc.
Energy Plus Holdings LLC	NRG Energy Services Group LLC	O'Brien Cogeneration, Inc. II
Energy Plus Natural Gas LLC	NRG Energy Services International Inc.	ONSITE Energy, Inc.
Energy Protection Insurance Company	NRG Energy Services LLC	Oswego Harbor Power LLC

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Everything Energy LLC	NRG Generation Holdings, Inc.	RE Retail Receivables, LLC
Forward Home Security LLC	NRG Home & Business Solutions LLC	Reliant Energy Northeast LLC
GCP Funding Company, LLC	NRG Home Services LLC	Reliant Energy Power Supply, LLC
Green Mountain Energy	NRG Home Solutions LLC	Reliant Energy Retail Holdings, LLC
Green Mountain Energy Company	NRG Home Solutions Product LLC	Reliant Energy Retail Services, LLC
Gregory Partners, LLC	NRG Homer City Services LLC	RERH Holdings LLC
Gregory Power Partners LLC	NRG Huntley Operations Inc.	Saguaro Power LLC
Huntley Power LLC	NRG HQ DC LLC	Somerset Operations Inc.
Independence Energy Alliance LLC	NRG Identity Protect LLC	Somerset Power LLC
Independence Energy Group LLC	NRG Iliion Limited Partnership	Texas Genco Financing Corp.
Independence Energy Natural Gas LLC	NRG Iliion LP LLC	Texas Genco GP, LLC
Indian River Operations Inc.	NRG International LLC	Texas Genco Holdings, Inc.
Indian River Power LLC	NRG Maintenance Services LLC	Texas Genco LP, LLC
Keystone Power LLC	NRG Mextrans Inc.	Texas Genco Operating Services, LLC
Langford Wind Power, LLC	NRG MidAtlantic Affiliate Services Inc.	Texas Genco Services, LP
Louisiana Generating LLC	NRG Middletown Operations Inc.	US Retailers LLC
Meriden Gas Turbines LLC	NRG Montville Operations Inc.	Vienna Operations Inc.
Middletown Power LLC	NRG New Roads Holdings LLC	Vienna Power LLC
Montville Power LLC	NRG North Central Operations Inc.	WCP (Generation) Holdings LLC
NEO Corporation	NRG Northeast Affiliate Services Inc.	West Coast Power LLC
NEO Freehold-Gen LLC	NRG Norwalk Harbor Operations Inc.	

NRG conducts much of its business through and derives much of its income from its subsidiaries. Therefore, the Company's ability to make required payments with respect to its indebtedness and other obligations depends on the financial results and condition of its subsidiaries and NRG's ability to receive funds from its subsidiaries. There are no restrictions on the ability of any of the guarantor subsidiaries to transfer funds to NRG. However, there may be restrictions for certain non-guarantor subsidiaries.

The following condensed consolidating financial information presents the financial information of NRG Energy, Inc., the guarantor subsidiaries and the non-guarantor subsidiaries in accordance with Rule 3-10 under the SEC Regulation S-X. The financial information may not necessarily be indicative of results of operations or financial position had the guarantor subsidiaries or non-guarantor subsidiaries operated as independent entities.

In this presentation, NRG Energy, Inc. consists of parent company operations. Guarantor subsidiaries and non-guarantor subsidiaries of NRG are reported on an equity basis. For companies acquired, the fair values of the assets and liabilities acquired have been presented on a push-down accounting basis.

NRG ENERGY, INC. AND SUBSIDIARIES
 CONDENSED CONSOLIDATING STATEMENTS OF OPERATIONS
 For the Three Months Ended September 30, 2015
 (Unaudited)

	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	NRG Energy, Inc. (Note Issuer)	Eliminations ^(a)	Consolidated
	(In millions)				
Operating Revenues					
Total operating revenues	\$3,132	\$ 1,328	\$—	\$ (29)	\$4,431
Operating Costs and Expenses					
Cost of operations	2,276	784	14	(40)	3,034
Depreciation and amortization	190	187	5	—	382
Impairment losses	222	41	—	—	263
Selling, general and administrative	136	96	100	—	332
Acquisition-related transaction and integration costs	—	2	1	—	3
Development activity expenses	—	17	21	—	38
Total operating costs and expenses	2,824	1,127	141	(40)	4,052
Operating Income/(Loss)	308	201	(141)	11	379
Other Income/(Expense)					
Equity in earnings/(loss) of consolidated subsidiaries	—	42	228	(270)	—
Equity in earnings of unconsolidated affiliates	3	27	1	(7)	24
Other income, net	2	3	1	(2)	4
Loss on debt extinguishment	—	(2)	—	—	(2)
Interest expense	(4)	(151)	(136)	—	(291)
Total other income/(expense)	1	(81)	94	(279)	(265)
Income/(Loss) Before Income Taxes	309	120	(47)	(268)	114
Income tax expense/(benefit)	88	56	(130)	33	47
Net Income	221	64	83	(301)	67
Less: Net income attributable to noncontrolling interest and redeemable noncontrolling interests	—	15	17	(31)	1
Net Income Attributable to NRG Energy, Inc.	\$221	\$ 49	\$66	\$ (270)	\$66

(a) All significant intercompany transactions have been eliminated in consolidation.

NRG ENERGY, INC. AND SUBSIDIARIES
 CONDENSED CONSOLIDATING STATEMENTS OF OPERATIONS
 For the Nine Months Ended September 30, 2015
 (Unaudited)

	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	NRG Energy, Inc. (Note Issuer)	Eliminations ^(a)	Consolidated
	(In millions)				
Operating Revenues					
Total operating revenues	\$7,959	\$ 3,792	\$—	\$ (97)	\$11,654
Operating Costs and Expenses					
Cost of operations	6,083	2,533	10	(96)	8,530
Depreciation and amortization	590	568	15	—	1,173
Impairment losses	222	41	—	—	263
Selling, general and administrative	351	288	247	—	886
Acquisition-related transaction and integration costs	—	3	13	—	16
Development activity expenses	—	47	66	—	113
Total operating costs and expenses	7,246	3,480	351	(96)	10,981
Gain on postretirement benefits curtailment	—	14	—	—	14
Operating Income/(Loss)	713	326	(351)	(1)	687
Other Income/(Expense)					
Equity in (loss)/earnings of consolidated subsidiaries	(35)	(15)	432	(382)	—
Equity in earnings of unconsolidated affiliates	6	33	—	(10)	29
Other income, net	3	23	3	(2)	27
Loss on debt extinguishment	—	(9)	—	—	(9)
Interest expense	(13)	(430)	(412)	—	(855)
Total other expense	(39)	(398)	23	(394)	(808)
Income/(Loss) Before Income Taxes	674	(72)	(328)	(395)	(121)
Income tax expense/(benefit)	225	(20)	(281)	33	(43)
Net Income/(Loss)	449	(52)	(47)	(428)	(78)
Less: Net income/(loss) attributable to noncontrolling interest and redeemable noncontrolling interests	—	15	21	(46)	(10)
Net Income/(Loss) Attributable to NRG Energy, Inc.	\$449	\$ (67)	\$(68)	\$ (382)	\$(68)

(a) All significant intercompany transactions have been eliminated in consolidation.

NRG ENERGY, INC. AND SUBSIDIARIES
 CONDENSED CONSOLIDATING STATEMENTS OF COMPREHENSIVE INCOME
 For the Three Months Ended September 30, 2015
 (Unaudited)

	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	NRG Energy, Inc. (Note Issuer)	Eliminations ^(a)	Consolidated
	(In millions)				
Net Income	\$221	\$ 64	\$83	\$ (301)	\$67
Other Comprehensive Income/(Loss), net of tax					
Unrealized gain/(loss) on derivatives, net	46	189	169	(410)	(6)
Foreign currency translation adjustments, net	—	4	2	(14)	(8)
Available-for-sale securities, net	—	14	(10)	(11)	(7)
Defined benefit plans, net	139	4	(105)	(35)	3
Other comprehensive income/(loss)	185	211	56	(470)	(18)
Comprehensive Income	406	275	139	(771)	49
Less: Comprehensive (loss)/income attributable to noncontrolling interest and redeemable noncontrolling interest	—	(3)	17	(31)	(17)
Comprehensive Income Attributable to NRG Energy, Inc.	406	278	122	(740)	66
Dividends for preferred shares	—	—	5	—	5
Comprehensive Income Available for Common Stockholders	\$406	\$ 278	\$117	\$ (740)	\$61

(a) All significant intercompany transactions have been eliminated in consolidation.

NRG ENERGY, INC. AND SUBSIDIARIES
 CONDENSED CONSOLIDATING STATEMENTS OF COMPREHENSIVE INCOME
 For the Nine Months Ended September 30, 2015
 (Unaudited)

	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	NRG Energy, Inc. (Note Issuer)	Eliminations ^(a)	Consolidated
	(In millions)				
Net Income/(Loss)	\$449	\$ (52	) \$ (47	) \$ (428	) \$ (78
Other Comprehensive Income/(Loss), net of tax					
Unrealized gain/(loss) on derivatives, net	41	204	178	(425	) (2
Foreign currency translation adjustments, net	—	4	—	(14	) (10
Available-for-sale securities, net	—	13	(13	) (11	) (11
Defined benefit plans, net	136	3	(95	) (35	) 9
Other comprehensive income/(loss)	177	224	70	(485	) (14
Comprehensive Income/(Loss)	626	172	23	(913	) (92
Less: Comprehensive (loss)/income attributable to noncontrolling interest and redeemable noncontrolling interest	—	(9	) 21	(46	) (34
Comprehensive Income/(Loss) Attributable to NRG Energy, Inc.	626	181	2	(867	) (58
Dividends for preferred shares	—	—	15	—	15
Comprehensive Income/(Loss) Available for Common Stockholders	\$626	\$ 181	\$ (13	) \$ (867	) \$ (73

(a) All significant intercompany transactions have been eliminated in consolidation.

NRG ENERGY, INC. AND SUBSIDIARIES
CONDENSED CONSOLIDATING BALANCE SHEETS

September 30, 2015

(Unaudited)

	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	NRG Energy, Inc. (Note Issuer)	Eliminations ^(a)	Consolidated
ASSETS					
(In millions)					
Current Assets					
Cash and cash equivalents	\$—	\$ 1,310	\$955	\$ —	\$ 2,265
Funds deposited by counterparties	27	41	—	—	68
Restricted cash	8	488	1	—	497
Accounts receivable - trade, net	1,173	318	1	—	1,492
Accounts receivable - affiliate	9,804	1,410	(8,271	) (2,936	) 7
Inventory	521	628	—	—	1,149
Derivative instruments	1,107	703	—	(230	) 1,580
Cash collateral paid in support of energy risk management activities	255	112	—	—	367
Deferred income taxes	—	88	81	—	169
Renewable energy grant receivable, net	—	25	1	—	26
Prepayments and other current assets	116	260	77	—	453
Total current assets	13,011	5,383	(7,155	) (3,166	) 8,073
Net property, plant and equipment	7,839	13,982	191	(27	) 21,985
Other Assets					
Investment in subsidiaries	416	2,500	24,474	(27,390) —
Equity investments in affiliates	(15	) 1,143	42	(102	) 1,068
Notes receivable, less current portion	—	49	264	(251	) 62
Goodwill	2,072	423	8	—	2,503
Intangible assets, net	789	1,587	1	(6	) 2,371
Nuclear decommissioning trust fund	551	—	—	—	551
Derivative instruments	277	311	—	(66	) 522
Deferred income tax	23	620	784	—	1,427
Other non-current assets	97	831	498	—	1,426
Total other assets	4,210	7,464	26,071	(27,815	) 9,930
Total Assets	\$25,060	\$ 26,829	\$ 19,107	\$ (31,008	) \$ 39,988
LIABILITIES AND STOCKHOLDERS' EQUITY					
Current Liabilities					
Current portion of long-term debt and capital leases	\$2	\$ 435	\$271	\$ (251	) \$ 457
Accounts payable	710	340	123	—	1,173
Accounts payable — affiliate	1,602	2,166	(833	) (2,935) —
Derivative instruments	1,025	621	—	(230	) 1,416
Cash collateral received in support of energy risk management activities	27	41	—	—	68
Accrued expenses and other current liabilities	339	530	353	—	1,222
Total current liabilities	3,705	4,133	(86) (3,416) 4,336

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Other Liabilities					
Long-term debt and capital leases	306	11,039	8,253	—	19,598
Nuclear decommissioning reserve	322	—	—	—	322
Nuclear decommissioning trust liability	280	—	—	—	280
Deferred income taxes	1,540	(1,040	) (513	) 33	20
Derivative instruments	375	310	—	(66	) 619
Out-of-market contracts, net	99	1,069	—	—	1,168
Other non-current liabilities	471	735	272	—	1,478
Total non-current liabilities	3,393	12,113	8,012	(33	) 23,485
Total liabilities	7,098	16,246	7,926	(3,449	) 27,821
2.822% convertible perpetual preferred stock	—	—	299	—	299
Redeemable noncontrolling interest in subsidiaries	—	29	—	—	29
Stockholders' Equity	17,962	10,554	10,882	(27,559	) 11,839
Total Liabilities and Stockholders' Equity	\$25,060	\$ 26,829	\$ 19,107	\$ (31,008	) \$ 39,988

(a) All significant intercompany transactions have been eliminated in consolidation.

NRG ENERGY, INC. AND SUBSIDIARIES CONDENSED
CONSOLIDATING STATEMENTS OF CASH FLOWS
For the Nine Months Ended September 30, 2015 (Unaudited)

	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	NRG Energy, Inc. (Note Issuer)	Eliminations ^(a)	Consolidated
	(In millions)				
Cash Flows from Operating Activities					
Net Income	\$449	\$ (52)	\$(47)	\$ (428)	\$ (78)
Adjustments to reconcile net loss to net cash provided by operating activities:					
Distributions from unconsolidated affiliates	—	77	—	(20)	57
Equity in losses of unconsolidated affiliates	(6)	(33)	—	10	(29)
Depreciation and amortization	590	568	15	—	1,173
Provision for bad debts	46	—	3	—	49
Amortization of nuclear fuel	36	—	—	—	36
Amortization of financing costs and debt discount/premiums	—	(29)	20	—	(9)
Adjustment for debt extinguishment	—	9	—	—	9
Amortization of intangibles and out-of-market contracts	43	25	—	—	68
Amortization of unearned equity compensation	—	—	37	—	37
Changes in deferred income taxes and liability for uncertain tax benefits	218	(77)	(213)	—	(72)
Changes in nuclear decommissioning trust liability	1	—	—	—	1
Changes in derivative instruments	135	89	(44)	—	180
Changes in collateral deposits supporting energy risk management activities	(141)	(39)	—	—	(180)
Gain on sale of emission allowances	(6)	—	—	—	(6)
Gain on postretirement benefits curtailment	—	(14)	—	—	(14)
Impairment losses	222	41	—	—	263
Cash used by changes in other working capital	1,048	(879)	(702)	440	(93)
Net Cash Provided/(Used) by Operating Activities	\$2,635	\$ (314)	\$(931)	\$ 2	\$ 1,392
Cash Flows from Investing Activities					
(Payments for)/proceeds from intercompany loans to subsidiaries	(2,391)	1,093	—	1,298	—
Acquisition of January 2015 Drop Down Assets, net of cash acquired	—	(489)	—	489	—
Acquisition of businesses, net of cash acquired	—	(31)	—	—	(31)
Capital expenditures	(264)	(595)	(30)	—	(889)
Increase in restricted cash, net	(3)	(38)	—	—	(41)
Decrease in restricted cash — U.S. DOE funded projects	—	1	—	—	1
Decrease in notes receivable	—	10	—	—	10
Investments in nuclear decommissioning trust fund securities	(500)	—	—	—	(500)

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Proceeds from sales of nuclear decommissioning trust fund securities	499	—	—	—	499
Proceeds from renewable energy grants and state rebates	—	62	—	—	62
Proceeds from sale of assets, net of cash disposed of	—	—	1	—	1
Investments in unconsolidated affiliates	—	(356	) (39	) —	(395
Return of capital from unconsolidated affiliates	1	39	—	(2	) 38
Other	5	8	—	—	13
Net Cash (Used)/Provided by Investing Activities	(2,653	) (296	) (68	) 1,785	(1,232
Cash Flows from Financing Activities					
Proceeds from intercompany loans	—	—	1,298	(1,298) —
Acquisition of January 2015 Drop Down Assets, net of cash acquired	—	—	489	(489) —
Payment of dividends to common and preferred stockholders	—	—	(152	) —	(152
Payment for treasury stock	—	—	(353	) —	(353
Net receipts from settlement of acquired derivatives that include financing elements	—	138	—	—	138
Proceeds from issuance of long-term debt	—	635	44	—	679
Distributions from, net of contributions to, noncontrolling interest in subsidiaries	—	651	—	—	651
Proceeds from issuance of common stock	—	—	1	—	1
Payment of debt issuance costs	—	(14	) —	—	(14
Payments for short and long-term debt	—	(938	) (16	) —	(954
Other	—	(22	) —	—	(22
Net Cash Provided/(Used) by Financing Activities	—	450	1,311	(1,787	) (26
Effect of exchange rate changes on cash and cash equivalents	—	15	—	—	15
Net (Decrease)/Increase in Cash and Cash Equivalents	(18	) (145	) 312	—	149
Cash and Cash Equivalents at Beginning of Period	18	1,455	643	—	2,116
Cash and Cash Equivalents at End of Period	\$—	\$ 1,310	\$955	\$ —	\$ 2,265

(a) All significant intercompany transactions have been eliminated in consolidation.

NRG ENERGY, INC. AND SUBSIDIARIES
 CONDENSED CONSOLIDATING STATEMENTS OF OPERATIONS
 For the Three Months Ended September 30, 2014
 (Unaudited)

	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	NRG Energy, Inc. (Note Issuer)	Eliminations ^(a)	Consolidated
	(In millions)				
Operating Revenues					
Total operating revenues	\$3,216	\$ 1,375	\$—	\$ (22)	\$ 4,569
Operating Costs and Expenses					
Cost of operations	2,506	761	(5)	16	3,278
Depreciation and amortization	216	154	5	—	375
Selling, general and administrative	110	82	66	—	258
Impairment losses	—	70	—	—	70
Acquisition-related transaction and integration costs	1	4	12	—	17
Development activity expenses	—	8	14	—	22
Total operating costs and expenses	2,833	1,079	92	16	4,020
Operating Income/(Loss)	383	296	(92)	(38)	549
Other Income/(Expense)					
Equity in earnings of consolidated subsidiaries	186	15	319	(520)	—
Equity in earnings of unconsolidated affiliates	3	19	—	(4)	18
Other income/(expense), net	1	1	(19)	14	(3)
Loss on debt extinguishment	—	—	(13)	—	(13)
Interest expense	(4)	(132)	(143)	(1)	(280)
Total other income/(expense)	186	(97)	144	(511)	(278)
Income Before Income Taxes	569	199	52	(549)	271
Income tax expense/(benefit)	169	42	(122)	—	89
Net Income	400	157	174	(549)	182
Less: Net income attributable to noncontrolling interest and redeemable noncontrolling interest	—	37	6	(29)	14
Net Income Attributable to NRG Energy, Inc.	\$400	\$ 120	\$ 168	\$ (520)	\$ 168

(a) All significant intercompany transactions have been eliminated in consolidation.

NRG ENERGY, INC. AND SUBSIDIARIES
CONDENSED CONSOLIDATING STATEMENTS OF OPERATIONS
For the Nine Months Ended September 30, 2014
(Unaudited)

	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	NRG Energy, Inc. (Note Issuer)	Eliminations ^(a)	Consolidated
	(In millions)				
Operating Revenues					
Total operating revenues	\$8,009	\$ 3,755	\$—	\$ (88)	\$ 11,676
Operating Costs and Expenses					
Cost of operations	6,351	2,508	2	(18)	8,843
Depreciation and amortization	625	458	13	—	1,096
Selling, general and administrative	317	210	210	—	737
Impairment losses	—	70	—	—	70
Acquisition-related transaction and integration costs	1	12	56	—	69
Development activity expenses	—	25	37	—	62
Total operating costs and expenses	7,294	3,283	318	(18)	10,877
Gain on sale of assets	—	19	—	—	19
Operating Income/(Loss)	715	491	(318)	(70)	818
Other Income/(Expense)					
Equity in earnings of consolidated subsidiaries	287	9	499	(795)	—
Equity in earnings of unconsolidated affiliates	13	37	—	(11)	39
Other income/(expense), net	5	9	(14)	13	13
Loss on debt extinguishment	—	(9)	(85)	—	(94)
Interest expense	(15)	(359)	(435)	—	(809)
Total other income/(expense)	290	(313)	(35)	(793)	(851)
Income/(Loss) Before Income Taxes	1,005	178	(353)	(863)	(33)
Income tax expense/(benefit)	279	36	(383)	—	(68)
Net Income	726	142	30	(863)	35
Less: Net income attributable to noncontrolling interest and redeemable noncontrolling interest	—	73	15	(68)	20
Net Income Attributable to NRG Energy, Inc.	\$726	\$ 69	\$ 15	\$ (795)	\$ 15

(a) All significant intercompany transactions have been eliminated in consolidation.

NRG ENERGY, INC. AND SUBSIDIARIES
 CONDENSED CONSOLIDATING STATEMENTS OF COMPREHENSIVE INCOME/(LOSS)
 For the Three Months Ended September 30, 2014
 (Unaudited)

	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	NRG Energy, Inc. (Note Issuer)	Eliminations ^(a)	Consolidated	
	(In millions)					
Net Income	\$400	\$ 157	\$ 174	\$ (549	) \$182
Other Comprehensive Income/(Loss), net of tax						
Unrealized (loss)/gain on derivatives, net	(7	) 2	3	6	4
Foreign currency translation adjustments, net	—	(9) 3	—	(6)
Available-for-sale securities, net	—	(21) 19	—	(2)
Defined benefit plans, net	—	55	(58) —	(3)
Other comprehensive (loss)/income	(7) 27	(33) 6	(7)
Comprehensive Income	393	184	141	(543	) 175
Less: Comprehensive income/(loss) attributable to noncontrolling interest and redeemable noncontrolling interest	—	17	(17	) 17	17
Comprehensive Income Attributable to NRG Energy, Inc.	393	167	158	(560	) 158
Dividends for preferred shares	—	—	2	—	2	
Comprehensive Income Available for Common Stockholders	\$393	\$ 167	\$ 156	\$ (560	) \$156

(a) All significant intercompany transactions have been eliminated in consolidation.

NRG ENERGY, INC. AND SUBSIDIARIES
 CONDENSED CONSOLIDATING STATEMENTS OF COMPREHENSIVE INCOME/(LOSS)
 For the Nine Months Ended September 30, 2014
 (Unaudited)

	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	NRG Energy, Inc. (Note Issuer)	Eliminations ^(a)	Consolidated
	(In millions)				
Net Income	\$726	\$142	\$30	\$ (863)	) \$35
Other Comprehensive Income/(Loss), net of tax					
Unrealized gain/(loss) on derivatives, net	1	(24)	) —	(1)	) (24)
Foreign currency translation adjustments, net	—	(4)	) 1	—	(3)
Available-for-sale securities, net	—	3	(1)	) —	2
Defined benefit plans, net	—	42	(33)	) —	9
Other comprehensive income/(loss)	1	17	(33)	) (1)	) (16)
Comprehensive Income/(Loss)	727	159	(3)	) (864)	) 19
Less: Comprehensive income/(loss) attributable to noncontrolling interest and redeemable noncontrolling interest	—	10	(8)	) 12	14
Comprehensive Income Attributable to NRG Energy, Inc.	727	149	5	(876)	) 5
Dividends for preferred shares	—	—	7	—	7
Comprehensive Income/(Loss) Available for Common Stockholders	\$727	\$149	\$(2)	) \$(876)	) \$(2)

(a) All significant intercompany transactions have been eliminated in consolidation.

NRG ENERGY, INC. AND SUBSIDIARIES
 CONDENSED CONSOLIDATING BALANCE SHEETS
 December 31, 2014

	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	NRG Energy, Inc. (Note Issuer)	Eliminations ^(a)	Consolidated
	(In millions)				
ASSETS					
Current Assets					
Cash and cash equivalents	\$ 18	\$ 1,455	\$ 643	\$ —	\$ 2,116
Funds deposited by counterparties	9	63	—	—	72
Restricted cash	5	451	1	—	457
Accounts receivable - trade, net	924	392	6	—	1,322
Accounts receivable - affiliate	7,449	1,988	(5,991	) (3,437	) 9
Inventory	537	710	—	—	1,247
Derivative instruments	1,657	1,209	—	(441	) 2,425
Cash collateral paid in support of energy risk management activities	114	73	—	—	187
Deferred income taxes	41	96	37	—	174
Renewable energy grant receivable, net	—	134	1	—	135
Prepayments and other current assets	53	79	306	—	438
Total current assets	10,807	6,650	(4,997	) (3,878	) 8,582
Net Property, Plant and Equipment	8,344	13,877	171	(25	) 22,367
Other Assets					
Investment in subsidiaries	140	2,293	23,410	(25,843) —
Equity investments in affiliates	(18	) 891	—	(102	) 771
Notes receivable, less current portion	1	60	109	(98	) 72
Goodwill	1,921	653	—	—	2,574
Intangible assets, net	765	1,806	2	(6	) 2,567
Nuclear decommissioning trust fund	585	—	—	—	585
Derivative instruments	242	288	1	(51	) 480
Deferred income taxes	(247	) 816	837	—	1,406
Other non-current assets	113	640	508	—	1,261
Total other assets	3,502	7,447	24,867	(26,100	) 9,716
Total Assets	\$22,653	\$ 27,974	\$20,041	\$ (30,003	) \$ 40,665
LIABILITIES AND STOCKHOLDERS' EQUITY					
Current Liabilities					
Current portion of long-term debt and capital leases	\$ 1	\$ 444	\$ 127	\$ (98	) \$ 474
Accounts payable	598	416	46	—	1,060
Accounts payable — affiliate	1,588	2,447	(598	) (3,437) —
Deferred Income Taxes	7	—	(7) —	—
Derivative instruments	1,532	963	—	(441	) 2,054
Cash collateral received in support of energy risk management activities	9	63	—	—	72
Accrued expenses and other current liabilities	283	498	418	—	1,199
Total current liabilities	4,018	4,831	(14) (3,976) 4,859
Other Liabilities					

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Long-term debt and capital leases	307	11,226	8,367	—	19,900
Nuclear decommissioning reserve	310	—	—	—	310
Nuclear decommissioning trust liability	333	—	—	—	333
Deferred income taxes	1,036	(1,012	) (3	) —	21
Derivative instruments	248	241	—	(51	) 438
Out-of-market contracts, net	111	1,133	—	—	1,244
Other non-current liabilities	465	795	314	—	1,574
Total non-current liabilities	2,810	12,383	8,678	(51	) 23,820
Total Liabilities	6,828	17,214	8,664	(4,027	) 28,679
2.822% Preferred Stock	—	—	291	—	291
Redeemable noncontrolling interest in subsidiaries	—	19	—	—	19
Stockholders' Equity	15,825	10,741	11,086	(25,976	) 11,676
Total Liabilities and Stockholders' Equity	\$22,653	\$27,974	\$20,041	\$ (30,003	) \$40,665

(a) All significant intercompany transactions have been eliminated in consolidation.

NRG ENERGY, INC. AND SUBSIDIARIES
CONDENSED CONSOLIDATING STATEMENTS OF CASH FLOWS
For the Nine Months Ended September 30, 2014
(Unaudited)

	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	NRG Energy, Inc. (Note Issuer)	Eliminations ^(a)	Consolidated
	(In millions)				
Cash Flows from Operating Activities					
Net Income	\$ 726	\$ 142	\$ 30	\$ (863)	\$ 35
Adjustments to reconcile net loss to net cash provided by operating activities:					
Distributions from /(to) unconsolidated affiliates	—	103	—	(32)	71
Equity in (losses)/earnings of unconsolidated affiliates	(13)	(37)	—	11	(39)
Depreciation and amortization	625	458	13	—	1,096
Provision for bad debts	49	—	—	—	49
Amortization of nuclear fuel	33	—	—	—	33
Amortization of financing costs and debt discount/premiums	—	(19)	10	—	(9)
Adjustment for debt extinguishment	—	7	17	—	24
Amortization of intangibles and out-of-market contracts	52	—	—	—	52
Amortization of unearned equity compensation	—	—	32	—	32
Changes in deferred income taxes and liability for uncertain tax benefits	281	136	(492)	—	(75)
Changes in nuclear decommissioning trust liability	12	—	—	—	12
Changes in derivative instruments	(62)	313	(3)	—	248
Changes in collateral deposits supporting energy risk management activities	42	(142)	—	—	(100)
Loss on sale of emission allowances	2	—	—	—	2
Gain on sale of assets	—	(26)	—	—	(26)
Impairment losses	—	70	—	—	70
Cash used by changes in other working capital	(369)	(1,082)	206	884	(361)
Net Cash Provided/(Used) by Operating Activities	1,378	(77)	(187)	—	1,114
Cash Flows from Investing Activities					
Intercompany loans (to)/from subsidiaries	(1,382)	(114)	—	1,496	—
Acquisition of June 2014 Drop Down Assets, net of cash acquired	—	(336)	—	336	—
Acquisition of businesses, net of cash acquired	—	(25)	(2,807)	—	(2,832)
Capital expenditures	(16)	(180)	(479)	—	(675)
Increase in restricted cash, net	—	(52)	—	—	(52)
Decrease/(increase) in restricted cash — U.S. DOE projects	—	24	(3)	—	21
Decrease in notes receivable	—	21	—	—	21
	(475)	—	—	—	(475)

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Investments in nuclear decommissioning trust fund securities					
Proceeds from sales of nuclear decommissioning trust fund securities	463	—	—	—	463
Proceeds from renewable energy grants	—	431	—	—	431
Proceeds from sale of assets, net of cash disposed of	—	—	153	—	153
Cash proceeds to fund cash grant bridge loan payment	—	57	—	—	57
Investments in unconsolidated affiliates	—	(28	) (59	) —	(87
Other	(6	) 12	11	—	17
Net Cash Used by Investing Activities	(1,416	) (190	) (3,184	) 1,832	(2,958
Cash Flows from Financing Activities					
Proceeds from intercompany loans	—	—	1,496	(1,496) —
Acquisition of June 2014 Drop Down Assets, net of cash acquired	—	—	336	(336) —
Payment of dividends to common and preferred stockholders	—	—	(140	) —	(140
Net payment for settlement of acquired derivatives that include financing elements	—	(64	) —	—	(64
Distributions from noncontrolling interest in subsidiaries	—	639	—	—	639
Proceeds from issuance of long-term debt	—	1,121	3,335	—	4,456
Proceeds from issuance of common stock	—	—	15	—	15
Payment of debt issuance costs	—	(28	) (29	) —	(57
Payments for short and long-term debt	—	(649	) (2,659	) —	(3,308
Net Cash Provided by Financing Activities	—	1,019	2,354	(1,832	) 1,541
Effect of exchange rate changes on cash and cash equivalents	—	2	—	—	2
Net (Decrease)/Increase in Cash and Cash Equivalents	(38	) 754	(1,017	) —	(301
Cash and Cash Equivalents at Beginning of Period	56	870	1,328	—	2,254
Cash and Cash Equivalents at End of Period	\$ 18	\$ 1,624	\$ 311	\$ —	\$ 1,953

(a) All significant intercompany transactions have been eliminated in consolidation.

ITEM 2 — MANAGEMENT’S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

As you read this discussion and analysis, refer to NRG's Condensed Consolidated Statements of Operations to this Form 10-Q, which present the results of operations for the three and nine months ended September 30, 2015, and 2014. Also refer to NRG's 2014 Form 10-K, which includes detailed discussions of various items impacting the Company's business, results of operations and financial condition, including: Introduction and Overview section; NRG's Business Strategy section; Business section, including how regulation, weather, and other factors affect NRG's business; and Critical Accounting Policies and Estimates section.

The discussion and analysis below has been organized as follows:

• Executive summary, including introduction and overview, business strategy, and changes to the business environment during the period, including environmental and regulatory matters;

• Results of operations;

• Financial condition, addressing liquidity position, sources and uses of liquidity, capital resources and requirements, commitments, and off-balance sheet arrangements; and

• Known trends that may affect NRG's results of operations and financial condition in the future.

Executive Summary

Introduction and Overview

NRG Energy, Inc., or NRG or the Company, is a competitive power company, which produces, sells and delivers energy and energy products and services in major competitive power markets primarily in the U.S. while positioning itself as a leader in the way residential, industrial and commercial consumers think about and use energy products and services. NRG has one of the nation's largest and most diverse competitive power generation portfolios balanced with one of the nation's largest retail energy providers. The Company owns and operates approximately 50,000 MWs of generation; engages in the trading of wholesale energy, capacity and related products; transacts in and trades fuel and transportation services; and directly sells energy, services, and innovative, sustainable products and services to retail customers under the name "NRG" and various other retail brand names owned by NRG.

The following table summarizes NRG's global generation portfolio as of September 30, 2015, by operating segment:

Global Generation Portfolio by Operating Segment^(a)

(In MW)

NRG Business

	Gulf Coast	East	West	NRG Home Solar ^(b)	NRG Renew ^(c)	NRG Yield ^(d)	Total Domestic	Other(Inter-national)	Total Global
Primary Fuel-type									
Natural gas ^(e)	8,624	7,875	6,496	—	—	1,879	24,874	144	25,018
Coal ^(f)	5,114	10,197	—	—	—	—	15,311	605	15,916
Oil ^(g)	—	5,606	—	—	—	190	5,796	—	5,796
Nuclear	1,176	—	—	—	—	—	1,176	—	1,176
Wind	—	—	—	—	1,672	1,389	3,061	—	3,061
Utility Scale Solar	—	—	—	—	807	481	1,288	—	1,288
Distributed Solar	—	—	—	78	49	9	136	—	136
Total generation capacity	14,914	23,678	6,496	78	2,528	3,948	51,642	749	52,391
Capacity attributable to noncontrolling interest	—	—	—	—	(630)	(1,773)	(2,403)	—	(2,403)
Total net generation capacity	14,914	23,678	6,496	78	1,898	2,175	49,239	749	49,988

(a) Includes 92 active fossil fuel and nuclear plants, 15 Utility Scale Solar facilities (including Guam, which reached COD on October 16, 2015), 36 wind farms and multiple Distributed Solar facilities. All Utility Scale Solar and Distributed Solar facilities are described in MWs on an alternating current basis. MW figures provided represent nominal summer net MW capacity of power generated as adjusted for the Company's owned or leased interest excluding capacity from inactive/mothballed units.

(b) Includes the aggregate production capacity of installed and activated residential solar energy systems. Also includes capacity from operating portfolios of residential solar assets held by RPV Holdco, a partnership between NRG Home Solar and NRG Yield, Inc.

(c) Includes Distributed Solar capacity from assets held by DGPV Holdco, a partnership between NRG Renew and NRG Yield, Inc.

(d) Does not include NRG Yield, Inc.'s thermal converted (MWt) capacity, which is part of the NRG Yield operating segment.

(e) Natural gas generation portfolio does not include 463 MW related to Osceola, which was mothballed on January 1, 2015; 636 MW related to Coolwater, which was retired on January 1, 2015; 160 MW related to Glen Gardner, which was retired on May 1, 2015; and 98 MW related to Gilbert, which was retired on May 1, 2015. Natural gas generation

portfolio increased 389 MW as Bowline Unit 2 was restored to full capacity on June 23, 2015, following a boiler restoration.

(f) Coal generation portfolio does not include 251 MW related to Will County, which was retired April 15, 2015; and 597 MW related to Shawville, which was mothballed on May 31, 2015.

(g) Oil generation portfolio does not include 212 MW related to Werner, which was retired on May 1, 2015.

NRG's Business Strategy

NRG's business strategy, summarized in "Enhance Generation, Expand Retail and Go Green while engaging in Smart Capital Allocation" is to maximize stockholder value through the production and sale of safe, reliable and affordable power to its customers in the markets served by the Company, while aggressively positioning the Company to meet the market's increasing demand for sustainable, low carbon and portable energy solutions individualized for the benefit of the end use energy consumer. This strategy is intended to enable the Company to achieve substantial sustainable growth at reasonable margins while de-risking the Company in terms of reduced and mitigated exposure both to environmental risk and cyclical commodity price risk. At the same time, the Company's relentless commitment to safety for its employees, customers and partners continues unabated.

To effectuate the Company's strategy, NRG is focused on: (i) excellence in operating performance of its existing assets including repowering its power generation assets at premium sites and optimal hedging of generation assets and retail load operations; (ii) engaging in a proactive capital allocation plan focused on achieving the regular return of and on stockholder capital within the dictates of prudent balance sheet management; including pursuing selective acquisitions, joint ventures, divestitures and investments; (iii) serving the energy needs of end-use residential, commercial and industrial customers in competitive markets through multiple brands and channels with a variety of retail energy products and services differentiated by innovative features, premium service, sustainability, and loyalty/affinity programs; and (iv) investing in, and deploying, alternative energy technologies both in its wholesale portfolio through its wind and solar portfolio and, particularly, in and around its retail businesses and its customers as it transforms this part of its business into a technology-driven provider of retail energy services. The Company's progress in each of these areas is more fully described in Item 1, Business of the Company's 2014 Form 10-K, and this Form 10-Q.

The Company believes that societal, sector and technology trends continue to support increased consumer-driven demand for solar and other distributed clean technologies that will both compete and coexist with the traditional centralized grid-based power system. Moreover, the Company believes the information technology driven revolution, increasingly wireless and thus portable, has enabled greater and easier personal choice in other sectors of the consumer economy and will do the same in the U.S. energy sector over the years to come. These trends towards sustainability and personal energy choice create high growth opportunities, but are still small relative to the Company's conventional generation and retail businesses.

The Company announced it is reorganizing its current structure, to be effective January 1, 2016, by forming a new entity ("GreenCo") that will own certain NRG businesses, including, but not limited to, NRG Home Solar and business-to-business distributed solar. The Company believes that GreenCo will provide (i) a simplified approach to measure the value of the Company, (ii) better visibility of the capital allocated to the businesses within GreenCo and (iii) a platform that better aligns the different parts of the Company's business with existing investors while enabling potential third-party investors at GreenCo.

The Company also announced several key updates including: (i) planned annual cost savings of \$150 million through the streamlining of operations in 2016; (ii) an additional \$100 million annual cost reduction initiative associated with the Company's operations and maintenance spend in 2016; (iii) the introduction, commencing January 1, 2016, of an intercompany revolver providing maximum liquidity support of \$125 million to NRG Home Solar, business-to-business distributed solar and NRG EVgo; (iv) a reduction in NRG's capital expenditure program of approximately \$100 million through the elimination of certain fuel conversion projects at GenOn plants; and (v) a comprehensive capital allocation strategy aimed at utilizing an additional \$1.6 billion over the balance of 2015 and 2016 to reduce debt and repurchase shares. This capital allocation strategy is dependent upon the receipt of funds through the sale of assets to NRG Yield, Inc., cost reductions, asset sales and repowering efforts and non-recourse financings.

Significant Events

The following significant events have occurred since the filing of the Company's last quarterly report:

On September 21, 2015, the Company announced the authorization to repurchase an additional \$200 million of the Company's common stock under the 2015 Capital Allocation Program, resulting in an increase in the total amount authorized for repurchase under the 2015 Capital Allocation Program to \$481 million. Through September 30, 2015, the Company completed \$397 million of share repurchases and during October 2015 completed the remaining \$84 million of repurchases available under the 2015 Capital Allocation Program.

On November 3, 2015, the Company sold 75% of the Class B interests of NRG Wind TE Holdco, which owns a portfolio of twelve wind facilities totaling 814 net MW, to NRG Yield, Inc. for total cash consideration of \$210 million, subject to working capital adjustments. NRG Yield, Inc. will be responsible for its pro-rata share of non-recourse project debt of \$193 million and noncontrolling interest associated with a tax equity structure of \$165 million (as of September 30, 2015).

Regulatory Matters

The Company's regulatory matters are described in the Company's 2014 Form 10-K in Item 1, Business — Regulatory Matters. These matters have been updated below and in Note 15, Regulatory Matters, to the Condensed Consolidated Financial Statements of this Form 10-Q as found in Item 1.

As owners of power plants and participants in wholesale and retail energy markets, certain NRG entities are subject to regulation by various federal and state government agencies. These include the CFTC, FERC, NRC, and the PUCT, as well as other public utility commissions in certain states where NRG's generating, thermal, or distributed generation assets are located. In addition, NRG is subject to the market rules, procedures and protocols of the various ISO and RTO markets in which it participates. Likewise, certain NRG entities participating in the retail markets are subject to rules and regulations established by the states in which NRG entities are licensed to sell at retail. NRG must also comply with the mandatory reliability requirements imposed by NERC and the regional reliability entities in the regions where the Company operates.

NRG's operations within the ERCOT footprint are not subject to rate regulation by FERC, as they are deemed to operate solely within the ERCOT market and not in interstate commerce. These operations are subject to regulation by the PUCT, as well as to regulation by the NRC with respect to the Company's ownership interest in STP.

East Region

PJM

PJM Auction Results — On August 21, 2015, PJM announced the results of its 2018/2019 Base Residual Auction, officially integrating the new Capacity Performance product into the market. NRG cleared approximately 13,388 MWs of Capacity Performance product and 784 MWs of Base Capacity product in the 2018/2019 Base Residual Auction. NRG's expected capacity revenues from the 2018/2019 Base Residual Auction are approximately \$900 million. PJM announced the results of its Transitional Capacity Auctions for the 2016/2017 and 2017/2018 delivery years, respectively, on August 31, 2015, and September 9, 2015. NRG cleared approximately 3,900 MWs of Capacity Performance product in the 2016/2017 Transactional Capacity Auction, and 9,700 MWs of Capacity Performance product in the 2017/2018 Transitional Capacity Auction. NRG expects an approximately \$425 million increase in PJM capacity revenue from 2016/2017 to 2018/2019 due to the Capacity Performance product.

The table below provides a detailed description of NRG's 2018/2019 Base Residual Auction results:

Zone	Base Capacity Product		Capacity Performance Product	
	Cleared Capacity (MW) ⁽¹⁾	Price (\$/MW-day)	Cleared Capacity (MW) ⁽¹⁾	Price (\$/MW-day)
COMED	221	\$200.21	4,088	\$215.00
EMAAC	189	\$210.63	981	\$225.42
MAAC	68	\$149.98	6,618	\$164.77
RTO	306	\$149.98	1,701	\$164.77
Total	784		13,388	

(1) Includes imports. Does not include capacity sold by Energy Curtailment Specialists.

Capacity Performance Rehearings — On June 9, 2015, FERC approved a substantial revamp to PJM's capacity market. Major elements of the approved changes to the Capacity Performance framework include the calculation of the bid cap, elimination of the 2.5% holdback for short lead-time resources, and substantial new performance penalties on Capacity Performance resources that do not perform in real time during specific periods of high demand. The new rules mandate that underperformance penalties be paid to units that over perform during those periods of high demand. NRG's actual revenues will be the combination of the revenues based on the cleared auction MWs plus the net of any over and under performance of NRG's fleet. On July 9, 2015, multiple parties, including NRG, filed requests for rehearings at FERC regarding the framework of the new annual capacity auctions. Rehearing is pending. In addition, multiple parties sought clarification on whether Demand Resources could participate in the Capacity Performance Transition Auctions. On July 22, 2015, FERC issued an Order allowing demand response and energy efficiency resources to participate in the upcoming Capacity Performance Transition Auctions. Rehearing is pending.

New Jersey and Maryland's Generator Contracting Programs — The New Jersey Board of Public Utilities and the Maryland Public Service Commission awarded long-term power purchase contracts to generation developers to encourage the construction of new generation capacity in the respective states. The constitutionality of the long-term contracts was challenged and the U.S. District Court for the District of New Jersey (in an October 25, 2013, decision) and the U.S. District Court for the District of Maryland (in an October 24, 2013, decision) found that the respective contracts violated the Supremacy Clause of the U.S. Constitution and were preempted. On June 30, 2014, the U.S. Court of Appeals for the Fourth Circuit affirmed the Maryland District Court's decision. On September 11, 2014, the U.S. Court of Appeals for the Third Circuit affirmed the New Jersey District Court's decision. Various parties filed petitions for a writ of certiorari seeking U.S. Supreme Court review of both cases. On October 19, 2015, the U.S. Supreme Court granted certiorari in the Fourth Circuit case. The outcome of this litigation and the validity of the contracts may affect future capacity prices in PJM.

NextEra/Direct Energy Complaint Against PJM on Capacity Performance Transition Auctions — On August 6, 2015, NextEra and Direct Energy filed a complaint challenging PJM's methodology for conducting its transitional capacity auction. NRG protested the complaint. On August 25, 2015, FERC denied the NextEra/Direct Energy complaint finding that the complainants did not demonstrate that PJM's clearing methodology failed to follow its tariff, or is unjust and unreasonable.

Complaint Against PJM on RPM Load Forecasts — On June 30, 2015, a group of consumer advocates and state PSCs filed a complaint against PJM alleging that PJM has violated Section 206 of the FPA by failing to update its methodology for defining load forecast for purposes of the upcoming annual Base Residual Auction and the Transition Auctions. Briefing is underway. Any change to the load forecast of the underlying models could affect capacity prices going forward.

MOPR Revisions — On May 2, 2013, FERC accepted PJM's proposal to substantially revise its Minimum Offer Price Rule. Among other things, FERC approved the portions of the PJM proposal that exempt many new entrants from demonstrating that their proposed projects are economic, as well as providing a similar exemption from public power entities and certain self-supply entities. This exemption is subject to certain conditions designed to limit the financial incentive of such entities to suppress market prices. On June 3, 2013, the Company filed a request for rehearing of the FERC order and subsequently protested the manner in which PJM proposed to implement the FERC order. On October 15, 2015, FERC denied the requests for rehearing and accepted PJM's compliance filing. The Company is now considering appealing FERC's decision.

New York

Dunkirk Power Reliability Service and Natural Gas Addition — Dunkirk Power has been operating one unit (Unit 2) under a reliability services agreement with National Grid, or RSSA, through May 31, 2015. On May 18, 2015, the NYSPSC approved National Grid's request for a seven-month extension of the RSSA with Dunkirk to December 31, 2015. Subsequently, National Grid confirmed that Dunkirk would not be needed for reliability past December 31, 2015.

In addition, On February 13, 2014, Dunkirk Power LLC and National Grid agreed to a term sheet for a 10-year agreement to govern the addition of natural gas-burning capabilities to the Dunkirk facility. This term sheet, known as the DNG Agreement Term Sheet, was approved by the NYSPSC on June 13, 2014. On February 27, 2015, Entergy filed a complaint in the U.S. District Court for the Northern District of New York alleging that the NYSPSC's approval of the DNG Agreement Term Sheet represents an impermissible interference with FERC's exclusive jurisdiction over the wholesale markets. On April 20, 2015, Dunkirk Power LLC filed an unopposed motion to become a party to the proceeding. On September 15, 2015, Dunkirk Power LLC filed a brief in support of the NYSPSC's motion to dismiss the matter. The U.S. District Court has stayed further discovery until the case goes through summary judgment

procedures. On August 25, 2015, NRG announced that Dunkirk Unit 2 will be mothballed on January 1, 2016. On October 30, 2015, NYISO released the results of its reliability study, indicating that the Dunkirk facility is not needed for bulk system reliability. In connection with the planned mothball of the facility, the pending litigation and the latest reliability assessment completed by NYISO, the Company evaluated the related assets for impairment and recorded an impairment loss of \$116 during the three months ended September 30, 2015, as further described in Note 7, Impairments.

FERC Investigation of NYISO RMR Practices — On February 19, 2015, pursuant to Section 206 of the FPA, FERC found NYISO's tariff to be unjust and unreasonable because it did not contain provisions governing the retention of and compensation to generating units for reliability. FERC ordered NYISO to adopt tariff provisions containing a proposed RMR rate schedule and pro forma RMR agreement within 120 days of the date of FERC's order. However, FERC clarified that NYISO's RMR proposal will not require Dunkirk to enter into new pro forma agreements for the 2012 and 2013 RSSAs. On March 23, 2015, the NYSPSC filed a request for rehearing and a group of New York transmission owners filed a request for clarification, which is still pending. On October 19, 2015, NYISO filed its tariff revisions at FERC.

Huntley Power Reliability Service — On August 25, 2015, Huntley Power filed a notice with the NYSPSC of its intent to retire Huntley's operating units on March 1, 2016. On October 14, 2015, Huntley Power filed a cost-of-service filing at FERC in anticipation that its operating units would be needed for reliability purposes, proposing a reliability must run service agreement for a four-year period beginning on March 1, 2016. On October 30, 2015, NYISO released the results of its reliability study, indicating that the Huntley operating units are not needed for bulk system reliability, but could be needed for short-term local system reliability in 2016. The Company continues to discuss the possibility of a short-term reliability agreement with NYISO and National Grid and expects the operating units will be retired in March 2016 or at the end of the short-term reliability requirement. In connection with the discussions of a short-term agreement and the planned retirement of the units, the Company evaluated the related assets for impairment and recorded an impairment loss of \$106 million, during the three months ended September 30, 2015, as further described in Note 7, Impairments.

Competitive Entry Exemption to Buyer-Side Mitigation Rules — On December 4, 2014, pursuant to Section 206 of the FPA, a group of New York transmission owners filed a complaint seeking a competitive entry exemption to the current NYISO buyer-side mitigation rules. On December 16, 2014, TDI USA Holdings Corporation filed a complaint under Section 206 of the FPA against the NYISO claiming that the NYISO's application of the Mitigation Exemption Test under the buyer-side mitigation rules to TDI's Champlain Hudson 1,000 MW transmission line project is unjust and unreasonable and seeks an exemption from the Mitigation Exemption Test. On February 26, 2015, FERC granted the complaint filed by the New York transmission owners and directed the NYISO to adopt a competitive entry exemption into its tariff within 30 days. In a companion order issued on the same day, FERC rejected the TDI complaint on the grounds that TDI's concerns were adequately addressed by FERC's first order. On March 30, 2015, NRG filed a request for rehearing. On August 4, 2015, FERC granted in part and denied in part the rehearing requests and conditionally accepted NYISO's compliance filing subject to revisions clarifying that the competitive entry exemption is not available for generator or unforced capacity deliverability rights projects that are members of the completed class years.

Revisions to the Buyer-Side Mitigation Rules — On May 8, 2015, several New York entities, including the NYSPSC, filed a complaint against the NYISO under Section 206 of the FPA seeking revisions to the buyer-side market power mitigation measures of the NYISO tariff. The parties requested FERC to find that the current buyer-side mitigation rules are unjust and unreasonable because they prevent the ICAP market from functioning properly and that the rules should apply only to a limited subset of generation facilities. NRG protested the complaint. On October 9, 2015, FERC held that certain renewables and self-supply resources should be exempt from buyer-side mitigation rules. Vast amounts of uneconomic resources could enter the market and harm current and future investments.

Gulf Coast Region

ERCOT

Houston Import Project — At its April 8, 2014, meeting, the ERCOT Board endorsed a new 345 kV transmission line project designed to address purported reliability challenges related to congestion between north Texas into the Houston region. On November 14, 2014, the PUCT denied a challenge by the Company and Calpine Corp. regarding ERCOT's endorsement of the project. On April 24, 2015, the transmission owners filed for approval to amend their certificates of convenience and necessity with the PUCT to obtain the authorization to move forward with the project. On October 28, 2015, the Administrative Law Judges presiding over the hearing filed a recommendation that the PUCT grant approval to build the project. A final decision by the PUCT is expected by the end of the year.

MISO

Complaints regarding the 2015/2016 Planning Resource Auction — In May 2015, the Illinois Attorney General, Public Citizen, Inc., and Southwestern Electric Cooperative, Inc. filed complaints against MISO on the grounds that the results of the MISO 2015/2016 Planning Resource Auction resulted in unjust and unreasonable prices, specifically the auction clearing price in Zone 4. NRG, on behalf of itself and GenOn, filed comments providing its view on the rationale for the market outcome. On October 20, 2015, FERC held a technical conference on MISO's Planning

Resource Auction, which in part addressed whether 2015/2016 delivery year prices were valid. The matter remains pending at FERC.

Consumer Group Complaint Seeking Reforms — On June 30, 2015, the Illinois Energy Consumers filed at FERC a complaint under Section 206 of the FPA regarding MISO's Planning Resource Auction tariff provisions, stating that the current MISO tariff does not produce just and reasonable results. The complaint suggests specific tariff modifications to address these alleged deficiencies, particularly as to the initial reference level price and the failure of the MISO tariff to count capacity sold in neighboring capacity markets toward meeting Local Clearing Requirements in effect for the zones where capacity is physically located. On October 20, 2015, FERC held a technical conference on MISO's Planning Resource Auction, which in part addressed possible changes to MISO's auction design. The matter remains pending at FERC.

West Region

CAISO

Carlsbad Energy Center — On May 21, 2015, the CPUC approved the Carlsbad Energy Center PPTA for a 500 MW five unit natural gas peaking plant. Several parties filed administrative applications for rehearing of the CPUC's decision, which remain pending. Additionally, on July 30, 2015, the CEC approved an amendment to the design of the Carlsbad Energy Center. On September 22, 2015, the CEC granted rehearing of its decision approving the amendment to permit the California Department of Fish and Wildlife, or CDFW, to file comments on the proposed decision. In comments dated October 19, 2015, CDFW recommended that the CEC gather additional information regarding the impact on bird and bat life of thermal plumes emanating from the plant's stacks. The CEC must now decide how to respond to the comments submitted by CDFW.

Environmental Matters

NRG is subject to a wide range of environmental laws in the development, construction, ownership and operation of projects. These laws generally require governmental authorizations to build and operate power plants. NRG is also subject to laws and regulations surrounding the protection of wildlife, including migratory birds, eagles and threatened and endangered species. Environmental laws have become increasingly stringent and NRG expects this trend to continue. The Company's environmental matters are described in the Company's 2014 Form 10-K in Item 1, Business — Environmental Matters and Item 1A, Risk Factors. These matters have been updated in Note 16, Environmental Matters, to the Condensed Consolidated Financial Statements of this Form 10-Q as found in Item 1 and as follows. On October 23, 2015, the EPA promulgated the final GHG emissions rules for new and existing fossil-fuel-fired electric generating units. The Company is evaluating the potential impacts of these rules regarding existing units. The Company expects that it will take several years for the impacts of these rules to be fully known and to take effect because of the likely legal challenges and because it may take several years for states to develop and put in place plans that will be required to implement these rules and to achieve state-specific goals.

On October 26, 2015, the EPA promulgated a rule that reduces the ozone NAAQS to 0.070 ppm. This more stringent NAAQS will obligate the states to develop plans to reduce NO_x (an ozone precursor), which could affect some of the Company's units.

On November 3, 2015, the EPA promulgated a rule revising the Effluent Limitations Guidelines for Steam Electric Generating Facilities, which will result in more stringent requirements for wastewater streams from flue gas desulfurization, fly ash, bottom ash, flue gas mercury control and gasification of fuels such as coal. The Company will be reviewing this rule in concert with the Coal Combustion Byproducts rule to evaluate the impact on operations.

Illinois Union Insurance Company Litigation — On October 2, 2015, the U.S. District Court for the Middle District of Louisiana issued an order granting LaGen's motion for summary judgment on its claims for declaratory judgment and breach of contract against ILU for its failure to indemnify LaGen for the costs LaGen paid pursuant to the consent decree that resolved the NSR lawsuit which was brought by the U.S. EPA and LA DEQ against LaGen related to Big Cajun II. The court entered judgment in favor of LaGen for approximately \$27 million. In addition, the court ruled that LaGen is entitled to approximately \$7 million for future consent decree costs as they are incurred. On October 14, 2015, ILU filed a motion to stay execution of the judgment which was granted on October 19, 2015. Also, on October 14, 2015, ILU filed a notice to appeal the judgment.

Changes in Accounting Standards

See Note 2, Summary of Significant Accounting Policies, to this Form 10-Q as found in Item 1 for a discussion of recent accounting developments.

Consolidated Results of Operations

The following table provides selected financial information for the Company:

(In millions except otherwise noted)	Three months ended September 30,			Nine months ended September 30,		
	2015	2014	Change %	2015	2014	Change %
Operating Revenues						
Energy revenue ^(a)	\$1,542	\$1,462	5 %	\$4,449	\$4,194	6 %
Capacity revenue ^(a)	614	533	15	1,626	1,597	2
Retail revenue	2,137	2,324	(8)	5,484	5,728	(4)
Mark-to-market for economic hedging activities	35	153	(77)	(165)	(226)	27
Contract amortization	(8)	(11)	27	(28)	(5)	(460)
Other revenues ^(b)	111	108	3	288	388	(26)
Total operating revenues	4,431	4,569	(3)	11,654	11,676	—
Operating Costs and Expenses						
Cost of sales ^(c)	2,354	2,527	(7)	6,281	6,773	(7)
Mark-to-market for economic hedging activities	42	79	(47)	123	87	41
Contract and emissions credit amortization ^(c)	7	6	17	11	27	(59)
Operations and maintenance	507	535	(5)	1,760	1,645	7
Other cost of operations	124	131	(5)	355	311	14
Total cost of operations	3,034	3,278	(7)	8,530	8,843	(4)
Depreciation and amortization	382	375	2	1,173	1,096	7
Impairment losses	263	70	276	263	70	276
Selling and marketing	142	100	42	379	252	50
General and administrative	190	158	20	507	485	5
Acquisition-related transaction and integration costs	3	17	(82)	16	69	(77)
Development activity expenses	38	22	73	113	62	82
Total operating costs and expenses	4,052	4,020	1	10,981	10,877	1
Gain on postretirement benefits curtailment and sale of assets	—	—	—	14	19	(26)
Operating Income	379	549	(31)	687	818	(16)
Other Income/(Expense)						
Equity in earnings of unconsolidated affiliates	24	18	(33)	29	39	(26)
Other income/(expense), net	4	(3)	(233)	27	13	108
Loss on debt extinguishment	(2)	(13)	(85)	(9)	(94)	(90)
Interest expense	(291)	(280)	4	(855)	(809)	6
Total other expense	(265)	(278)	(5)	(808)	(851)	(5)
Income/(Loss) before Income Taxes	114	271	(58)	(121)	(33)	(267)
Income tax expense/(benefit)	47	89	(47)	(43)	(68)	37
Net Income/(Loss)	67	182	(63)	(78)	35	(323)
Less: Net income/(loss) attributable to noncontrolling interest and redeemable noncontrolling interest	1	14	(93)	(10)	20	(150)
Net Income/(Loss) Attributable to NRG Energy, Inc.	\$66	\$168	(61)	\$(68)	\$15	N/M
Business Metrics						
Average natural gas price — Henry Hub (\$/MMBtu)	\$2.77	\$4.06	(32)%	\$2.80	\$4.55	(38)%

(a) Includes realized gains and losses from financially settled transactions.

(b) Includes unrealized trading gains and losses.

(c) Includes amortization of SO₂ and NO_x credits and excludes amortization of RGGI credits.

N/M - Not meaningful.

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Management's discussion of the results of operations for the three months ended September 30, 2015, and 2014
Income before income taxes — The pre-tax income of \$114 million for the three months ended September 30, 2015, compared to pre-tax income of \$271 million for the three months ended September 30, 2014, primarily reflects: an increase in economic gross margin of \$172 million comprised primarily of an increase in NRG Home Retail economic gross margin of \$90 million, an increase in NRG Yield economic gross margin of \$23 million, an increase in NRG Business economic gross margin of \$32 million, an increase in NRG Home Solar economic gross margin of \$4 million, and an increase in NRG Renew economic gross margin of \$23 million; partially offset by

- an increase of \$193 million in impairment losses;
- an increase of \$90 million in general and administrative expense, selling and marketing expense and development costs, and
- a decrease in net mark to market results for economic hedges activity of \$81 million

Net income — The decrease in net income of \$115 million primarily reflects the drivers discussed above, including an income tax expense for the three months ended September 30, 2015, of \$47 million, compared to an income tax expense of \$89 million in the comparable period in 2014.

Wind Resource Availability

The Company's results continue to be impacted by lower than normal wind resource availability. While the Company's wind facilities were available, adverse weather had a negative impact on wind resources. The Company cannot predict wind resource availability or its impact on future results.

Electricity Prices

The following table summarizes average on-peak power prices for each of the major markets in which NRG operates for the three months ended September 30, 2015, and 2014. Average on-peak power prices decreased primarily due to the decrease in natural gas prices for the three months ended September 30, 2015 as compared to the same period in 2014.

Region	Average on Peak Power Price (\$/MWh) ^(a)	
	Three months ended September 30, 2015	2014
Gulf Coast ^(b)		
ERCOT - Houston	\$34.87	\$38.58
ERCOT - North	35.22	37.96
MISO - Louisiana Hub	35.03	39.15
East		
NY J/NYC	41.32	41.19
NY A/West NY	40.68	43.02
NEPOOL	42.68	41.28
PEPCO (PJM)	42.62	45.25
PJM West Hub	39.35	41.34
West		
CAISO - NP15	37.20	48.47
CAISO - SP15	38.20	49.16

(a) Average on peak power prices based on real time settlement prices as published by the respective ISOs.

(b) Gulf Coast region also transacts in PJM - West Hub.

Economic gross margin

The Company evaluates its operating performance using the measure of economic gross margin, which is not a GAAP measure and may not be comparable to other companies' presentations or deemed more useful than the GAAP information provided elsewhere in this report. Economic gross margin is defined as the sum of energy revenue, capacity revenue, retail revenue and other revenue, less cost of sales.

Economic gross margin excludes the following elements from gross margin: mark-to-market gains or losses on economic hedging activities, contract amortization and emission credit amortization.

The following tables presents the composition of economic gross margin for the three months ended September 30, 2015 and 2014:

(In millions)	Three months ended September 30, 2015												
	NRG Business					Subtotal	NRG Home			NRG Renew	NRG Yield	Eliminations/Contract	Total
	Gulf Coast	East	West	B2B	Eliminations		Retail	Solar					
Energy revenue	\$765	\$791	\$126	\$—	\$—	\$1,682	\$—	\$—	\$161	\$91	\$ (392)	\$1,542	
Capacity revenue	88	364	73	3	—	528	—	—	—	89	(3)	614	
Retail revenue	—	—	—	437	—	437	1,698	4	—	—	(2)	2,137	
Other revenue	18	16	2	47	(12)	71	—	—	8	45	(13)	111	
Operating revenue	871	1,171	201	487	(12)	2,718	1,698	4	169	225	(410)	4,404	
Cost of sales	(436)	(546)	(90)	(407)	—	(1,479)	(1,255)	(4)	3	(19)	400	(2,354)	
Economic gross margin	\$435	\$625	\$111	\$80	\$ (12)	\$1,239	\$443	\$—	\$172	\$206	\$ (10)	\$2,050	
(In millions)	Three months ended September 30, 2014												
	NRG Business					Subtotal	NRG Home			NRG Renew	NRG Yield	Eliminations/Contract	Total
	Gulf Coast	East	West	B2B	Eliminations		Retail	Solar					
Energy revenue	\$788	\$890	\$113	\$—	\$—	\$1,791	\$—	\$—	\$171	\$74	\$ (574)	\$1,462	
Capacity revenue	76	327	84	—	—	487	—	—	(26)	80	(8)	533	
Retail revenue	—	—	—	566	—	566	1,783	6	—	—	(31)	2,324	
Other revenue	28	24	1	34	(9)	78	(12)	7	9	49	(23)	108	
Operating revenue	892	1,241	198	600	(9)	2,922	1,771	13	154	203	(636)	4,427	
Cost of sales	(523)	(574)	(85)	(530)	—	(1,712)	(1,418)	(17)	(5)	(20)	645	(2,527)	
Economic gross margin	\$369	\$667	\$113	\$70	\$ (9)	\$1,210	\$353	\$(4)	\$149	\$183	\$ 9	\$1,900	

NRG Business economic gross margin

The following is a discussion of economic gross margin for NRG Business, adjusted to eliminate intersegment activity, primarily with NRG Home.

(In millions except otherwise noted)	Three months ended September 30, 2015						
	Gulf Coast	East	West	B2B	Subtotal	Eliminations	Total
Energy revenue	\$765	\$791	\$126	\$—	\$1,682	\$—	\$1,682
Capacity revenue	88	364	73	3	528	—	528
Retail revenue	—	—	—	437	437	—	437
Other revenue	18	16	2	47	83	(12)	71
Operating revenue	871	1,171	201	487	2,730	(12)	2,718
Cost of sales	(436)	(546)	(90)	(407)	(1,479)	—	(1,479)
Economic gross margin	\$435	\$625	\$111	\$80	\$1,251	\$(12)	\$1,239
Business Metrics							
MWh sold (in thousands) ^(a)	17,936	14,543	2,779				
MWh generated (in thousands)	17,283	14,118	1,964				
Electricity sales volume — GWh				5.289			
Average customer count (in thousands, metered locations)				81			

(a) MWh sold excludes generation at facilities that generate revenue under capacity agreements.

(In millions except otherwise noted)	Three months ended September 30, 2014						
	Gulf Coast	East	West	B2B	Subtotal	Eliminations	Total
Energy revenue	\$788	\$890	\$113	\$—	\$1,791	\$—	\$1,791
Capacity revenue	76	327	84	—	487	—	487
Retail revenue	—	—	—	566	566	—	566
Other revenue	28	24	1	34	87	(9)	78
Operating revenue	892	1,241	198	600	2,931	(9)	2,922
Cost of sales	(523)	(574)	(85)	(530)	(1,712)	—	(1,712)
Economic gross margin	\$369	\$667	\$113	\$70	\$1,219	\$(9)	\$1,210
Business Metrics							
MWh sold (in thousands) ^(a)	17,932	12,154	1,872				
MWh generated (in thousands)	16,857	14,123	1,514				
Electricity sales volume — GWh				5,724			
Average customer count (in thousands, metered locations)				84			

(a) MWh sold excludes generation at facilities that generate revenue under capacity agreements.

Weather Metrics	Three months ended September 30,		
	Gulf Coast	East	West
2015			
CDDs ^(a)	3,304	2,394	772
HDDs ^(a)	—	101	7
2014			
CDDs	3,118	1,987	803
HDDs	6	239	3

10 year average

CDDs	3,195	2,192	611
HDDs	8	260	25

National Oceanic and Atmospheric Administration-Climate Prediction Center - A Cooling Degree Day, or CDD, represents the number of degrees that the mean temperature for a particular day is above 65 degrees Fahrenheit in (a) each region. A Heating Degree Day, or HDD, represents the number of degrees that the mean temperature for a particular day is below 65 degrees Fahrenheit in each region. The CDDs/HDDs for a period of time are calculated by adding the CDDs/HDDs for each day during the period.

NRG Business economic gross margin — increased by \$32 million, including intercompany sales, during the three months ended September 30, 2015, compared to the same period in 2014, due to:

	(In millions)
Increase in Gulf Coast region	\$66
Decrease in East region	(42)
Decrease in West region	(2)
Increase in B2B	10
	\$32

The increase in economic gross margin in the Gulf Coast region was driven by:

	(In millions)
Higher gross margin due to an 18% increase in average realized prices driven by the impact of beneficial hedges, primarily in ERCOT	\$60
Higher gross margin due to an increase in capacity revenue from higher pricing for South Central facilities	34
Lower capacity revenue due to the expiration of contracts in Texas	(22)
Lower gross margin due to lower coal generation, primarily in South Central, which was driven by lower natural gas prices	(6)
	\$66

The decrease in economic gross margin in the East region was driven by:

	(In millions)
Lower gross margin due to an 11% decrease in average realized energy prices	\$(30)
Lower gross margin due to decreased coal generation as a result of a decrease in natural gas prices	(17)
Lower gross margin due to higher purchased capacity to meet capacity supply obligations for deactivated units	(16)
Lower gross margin due to certain load contracts rolling off in the second quarter of 2015	(9)
Higher gross margin driven primarily by a 26% increase in PJM cleared auction capacity prices	23
Higher gross margin driven by a 10% increase primarily in New York and New England hedged capacity prices	12
Other	(5)
	\$(42)

The decrease in economic gross margin in the West region was driven by:

	(In millions)
Higher energy gross margin due to a 55% increase in generation and a 36% decrease in gas prices, partially offset by 24% decrease in energy prices	\$10
Lower gross margin due to the retirement of Coolwater	(10)
Other	(2)
	\$(2)

The increase in B2B economic gross margin was driven by:

	(In millions)
Higher margin due to lower supply costs for the C&I business	\$5
Higher margin for the demand response business due to increased activity in PJM and Texas	3
Higher margin for the energy services business due to new contracts and new business	2
	\$10

NRG Home Retail economic gross margin

The following is a discussion of economic gross margin for NRG Home Retail.

(In millions except otherwise noted)	Three months ended September 30,	
	2015	2014
Home Retail revenue	\$1,649	\$1,700
Supply management revenue	49	71
Operating revenue ^(a)	\$1,698	\$1,771
Cost of sales ^(b)	(1,255	) (1,418
Economic Gross Margin	\$443	\$353

Business Metrics

Electricity sales volume — GWh - Gulf Coast	11,585	11,056
Electricity sales volume — GWh - All other regions	2,099	2,573
Average NRG Home Retail customer count (in thousands) ^(c)	2,775	2,884
Ending NRG Home Retail customer count (in thousands) ^(c)	2,771	2,885

^(a) Includes intercompany sales of \$2 million and \$2 million in 2015 and 2014, respectively, representing sales from Retail to the Gulf Coast region.

^(b) Includes intercompany purchases of \$348 million and \$583 million in 2015 and 2014.

^(c) Excludes Discrete Customers.

NRG Home Retail economic gross margin increased \$90 million for the three months ended September 30, 2015, compared to the same period in 2014, due to:

	(In millions)
Increase in margins due to lower supply costs driven by a decrease in natural gas prices along with increased sales to Discrete Customers and Recurring Customers	\$44
Increased margins from the acquisition of Dominion's competitive retail electric business in March 2014 driven by higher renew rates and lower supply costs partially offset by lower customer counts due to expected attrition	23
Favorable impact from increased customer usage due to customer mix and weather	22
Other	1
	\$90

NRG Renew economic gross margin

The following is a discussion of economic gross margin for NRG Renew.

(In millions except otherwise noted)	Three months ended September 30,	
	2015	2014
Operating revenue	\$169	\$154
Cost of sales	3	(5
Economic gross margin	\$172	\$149
Business Metrics		
MWh sold (in thousands)	1,572	1,477
MWh generated (in thousands)	1,572	1,477

NRG Renew economic gross margin increased \$23 million for the three months ended September 30, 2015, compared to the same period in 2014, primarily as a result of improved performance at the Ivanpah project, as it continues towards full production capabilities, as well as additional distributed solar projects in service, in 2015.

NRG Yield economic gross margin

The following is a discussion of economic gross margin for NRG Yield.

	Three months ended September 30,	
	2015	2014
(In millions except otherwise noted)		
Operating revenue	\$225	\$203
Cost of sales	(19)	(20)
Economic gross margin	\$206	\$183
Business Metrics		
MWh sold (in thousands)	1,046	745
MWht sold (in thousands)	468	467

NRG Yield economic gross margin increased \$23 million for the three months ended September 30, 2015, compared the same period in 2014, primarily related to the acquisition of the Alta Wind Assets in August 2014.

Mark-to-market for Economic Hedging Activities

Mark-to-market for economic hedging activities includes asset-backed hedges that have not been designated as cash flow hedges and ineffectiveness on cash flow hedges. Total net mark-to-market results decreased by \$81 million during the three months ended September 30, 2015, compared to the same period in 2014.

The breakdown of gains and losses included in operating revenues and operating costs and expenses by region was as follows:

	Three months ended September 30, 2015								
	NRG Business					NRG	NRG	Elimination ^(a)	Total
	NRG Home	Gulf Coast	East	West	B2B	Renew	Yield		
	(In millions)								
Mark-to-market results in operating revenues									
Reversal of previously recognized unrealized (gains)/losses on settled positions related to economic hedges	\$—	\$(1)	\$(24)	\$3	\$—	\$(1)	\$—	\$ 74	\$51
Reversal of acquired gain positions related to economic hedges	—	—	(19)	—	—	—	—	—	(19)
Net unrealized gains/(losses) on open positions related to economic hedges	—	19	8	12	1	—	(1)	(36)	3
Total mark-to-market gains/(losses) in operating revenues	\$—	\$18	\$(35)	\$15	\$1	\$(1)	\$(1)	\$ 38	\$35
Mark-to-market results in operating costs and expenses									
Reversal of previously recognized unrealized (gains)/losses on settled positions related to economic hedges	\$(15)	\$9	\$4	\$—	\$(4)	\$—	\$—	\$(74)	\$(80)
Reversal of acquired gain positions related to economic hedges	(4)	—	—	(8)	(2)	—	—	—	(14)
Net unrealized gains/(losses) on open positions related to economic hedges	43	4	—	1	(32)	—	—	36	52
Total mark-to-market gains/(losses) in operating costs and expenses	\$24	\$13	\$4	\$(7)	\$(38)	\$—	\$—	\$(38)	\$(42)

(a) Represents the elimination of the intercompany activity between NRG Home, NRG Business and NRG Yield.

	Three months ended September 30, 2014								
	NRG Business								
	NRG Home	Gulf Coast	East	West	B2B	NRG Renew	NRG Yield	Elimination ^(a)	Total
	(In millions)								
Mark-to-market results in operating revenues									
Reversal of previously recognized unrealized losses/(gains) on settled positions related to economic hedges	\$—	\$126	\$11	\$(3)	\$—	\$1	\$—	\$122	\$257
Reversal of acquired (gain)/loss positions related to economic hedges	—	—	(70)	2	—	—	—	—	(68)
Net unrealized gains/(losses) on open positions related to economic hedges	—	9	93	(2)	1	(1)	—	(136)	(36)
Total mark-to-market gains/(losses) in operating revenues	\$—	\$135	\$34	\$(3)	\$1	\$—	\$—	\$(14)	\$153
Mark-to-market results in operating costs and expenses									
Reversal of previously recognized unrealized (gains)/losses on settled positions related to economic hedges	\$(87)	\$1	\$1	\$—	\$(51)	\$—	\$—	\$(122)	\$(258)
Reversal of acquired (gain)/loss positions related to economic hedges	(19)	—	3	—	(3)	—	—	—	(19)
Net unrealized gains/(losses) on open positions related to economic hedges	89	2	(24)	—	(5)	—	—	136	198
Total mark-to-market (losses)/gains in operating costs and expenses	\$(17)	\$3	\$(20)	\$—	\$(59)	\$—	\$—	\$14	\$(79)

(a) Represents the elimination of the intercompany activity between NRG Home, NRG Business, and NRG Renew. Mark-to-market results consist of unrealized gains and losses. The settlement of these transactions is reflected in the same caption as the items being hedged.

The reversals of acquired gain or loss positions were valued based upon the forward prices on the acquisition date. For the three months ended September 30, 2015, the \$35 million gain in operating revenues from economic hedge positions was driven primarily by the reversal of previously recognized unrealized losses on contracts that settled during the period, partially offset by the reversal of acquired contracts. The \$42 million loss in operating costs and expenses from economic hedge positions was driven primarily by the reversal of previously recognized unrealized gains on contracts that settled during the period and the reversal of acquired contracts, partially offset by an increase in value of open positions as a result of increases in ERCOT heat rate.

For the three months ended September 30, 2014, the \$153 million gain in operating revenues from economic hedge positions was driven primarily by the reversal of previously recognized unrealized losses on contracts that settled during the period, partially offset by the reversal of acquired contracts and a decrease in value of open positions as a result of increases in power prices. The \$79 million loss in operating costs and expenses from economic hedge positions was driven primarily by the reversal of previously recognized unrealized gains on contracts that settled during the period and the reversal of acquired contracts, largely offset by an increase in the value of open positions as a result of increases in ERCOT heat rates, partially offset by decreases in coal prices.

In accordance with ASC 815, the following table represents the results of the Company's financial and physical trading of energy commodities for the three months ended September 30, 2015, and 2014. The realized and unrealized financial and physical trading results are included in operating revenue. The Company's trading activities are subject to limits within the Company's Risk Management Policy.

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(In millions)	Three months ended	
	September 30, 2015	2014
Trading (losses)/gains		
Realized	\$(1)	\$33
Unrealized	(1)	6
Total trading (losses)/gains	\$(2)	\$39

In addition, trading activities reflect a decrease in gross margin of \$17 million, reflected in the Corporate segment, for the three months ended September 30, 2015, as compared to the three months ended September 30, 2014.

Operations and maintenance expense

	NRG Business				NRG Home Retail	NRG Home Solar	NRG Renew	NRG Yield	Eliminations	Total
	Gulf Coast	East	West	B2B						
	(In millions)									
Three months ended September 30, 2015	\$127	\$225	\$30	\$16	\$52	\$(8)	\$48	\$33	\$ (16)	\$507
Three months ended September 30, 2014	135	252	27	19	48	1	41	27	(15)	535

Operations and maintenance expense decreased by \$28 million for the three months ended September 30, 2015, compared to the same period in 2014, due to the following:

	(In millions)
Decrease in variable costs in the East region due to lower generation and the timing of planned and unplanned outages at Morgantown, Bowline, Canal, and Waukegan	\$(20)
Decrease due to the retirement of Will County unit 3 in 2015 and the sale of American Bituminous Power Partners, LP in 2014	(9)
Increase in maintenance expense for NRG Renew and NRG Yield due primarily to the acquisition of the Alta Wind Assets and increased expense at Ivanpah	13
Decrease in expense for the Gulf Coast region due to timing of maintenance and fixed asset disposals	(10)
Other	(2)
	\$(28)

Depreciation and Amortization

Depreciation and amortization increased by \$7 million for the three months ended September 30, 2015, compared to the same period in 2014, primarily due to additional depreciation expense from the acquisition of the Alta Wind Assets as well as various other assets placed in service.

Impairment Losses

For the three months ended September 30, 2015, the Company recorded impairment losses primarily related to the write-down of the Huntley and Dunkirk facilities of \$222 million and the impairment of Goal Zero goodwill of \$36 million, as described in Note 7, Impairments.

For the three months ended September 30, 2014, the Company recorded impairment losses of \$60 million related to the Osceola facility and \$10 million related to certain solar panels, as described in Note 7, Impairments.

Selling, Marketing, General and Administrative Expenses

Selling, marketing, general and administrative expenses are comprised of the following:

(In millions)	Three months ended	
	September 30, 2015	2014
Selling and marketing expenses	\$142	\$100
General and administrative expenses	190	158
	\$332	\$258

Selling and marketing expense increased by \$42 million for the three months ended September 30, 2015, compared to the same period in 2014, due primarily to an increase in expense related to retail acquisitions as well as channel and product expansions in the core retail business, which also contributed to margin expansion during the same time period.

General and administrative expenses increased by \$32 million for the three months ended September 30, 2015, compared to the same period in 2014, due primarily to the impact of additional headcount from acquisitions.

Development Activity Expenses

Development activity expenses increased by \$16 million for the three months ended September 30, 2015, compared to the same period in 2014, due to an increase in development activities, primarily for Utility Scale Solar, Distributed Solar and NRG EVgo activities.

Equity in Earnings of Unconsolidated Affiliates

NRG's equity in earnings of unconsolidated affiliates increased by \$6 million for the three months ended September 30, 2015, as compared to the same period in 2014, due primarily to NRG Yield, Inc.'s acquisition of Desert Sunlight in June 2015.

Interest Expense

NRG's interest expense increased by \$11 million for the three months ended September 30, 2015, compared to the same period in 2014 due to the following:

	(In millions)
Increase in derivative interest expense due to changes in the fair value of interest rate swaps	\$10
Increase due to the acquisition of Alta Wind in August 2014	5
Other	(4)
	\$11

Income Tax Expense

For the three months ended September 30, 2015, NRG recorded an income tax expense of \$47 million on pre-tax income of \$114 million. For the same period in 2014, NRG recorded an income tax expense of \$89 million on pre-tax income of \$271 million. The effective tax rate was 41.2% and 32.8% for the three months ended September 30, 2015, and 2014, respectively.

For the three months ended September 30, 2015, NRG's overall effective tax rate was different than the statutory rate of 35% primarily due to non deductible impairment of goodwill, partially offset by production tax credits generated from our wind assets.

For the three months ended September 30, 2014, NRG's overall effective tax rate was different than the statutory rate of 35% primarily due to the impact of production tax credits from our wind assets.

Net income attributable to noncontrolling interests and redeemable noncontrolling interests

For the three months ended September 30, 2015, and 2014, net income attributable to noncontrolling interests primarily reflects NRG Yield, Inc.'s share of net income offset by net losses allocated to tax equity investors in tax equity arrangements using the hypothetical liquidation at book value, or HLBV, method.

Management's discussion of the results of operations for the nine months ended September 30, 2015, and 2014
 Loss before income taxes — The pre-tax loss of \$121 million for the nine months ended September 30, 2015, compared to the pre-tax loss of \$33 million for the nine months ended September 30, 2014, primarily reflects:

- an increase of \$200 million in general and administrative expense, selling and marketing expense and development costs; and

- an increase of \$193 million in impairment losses; partially offset by

- an increase in economic gross margin of \$481 million comprised of an increase in NRG Business economic gross margin of \$36 million, an increase in NRG Home Retail economic gross margin of \$233 million, a decrease in NRG Home Solar economic gross margin of \$1 million, an increase in NRG Yield economic gross margin of \$144 million and an increase in NRG Renew economic gross margin of \$69 million

Net (loss)/income— The decrease in net income of \$113 million primarily reflects the drivers discussed above, including an income tax benefit for the nine months ended September 30, 2015, of \$43 million, compared to an income tax benefit of \$68 million in the comparable period in 2014.

Wind Resource Availability

The Company's results continue to be impacted by lower than normal wind resource availability. While the Company's wind facilities were available, adverse weather had a negative impact on wind resources. The Company cannot predict wind resource availability and its related impact on future results.

Electricity Prices

The following table summarizes average on-peak power prices for each of the major markets in which NRG operates for the nine months ended September 30, 2015, and 2014. Average on-peak power prices decreased primarily due to the decrease in natural gas prices for the nine months ended September 30, 2015 as compared to the same period in 2014.

Region	Average on Peak Power Price (\$/MWh) ^(a)	
	Nine months ended September 30, 2015	2014
Gulf Coast ^(b)		
ERCOT - Houston	\$29.77	\$47.01
ERCOT - North	29.85	46.23
MISO - Louisiana Hub	37.14	52.36
East		
NY J/NYC	52.51	81.43
NY A/West NY	44.46	64.43
NEPOOL	53.31	84.26
PEPCO (PJM)	49.52	77.48
PJM West Hub	45.33	68.08
West		
CAISO - NP15	37.01	51.41
CAISO - SP15	32.86	50.11

(a) Average on peak power prices based on real time settlement prices as published by the respective ISOs.

(b) Gulf Coast region also transacts in PJM - West Hub.

Economic gross margin

The Company evaluates its operating performance using the measure of economic gross margin, which is not a GAAP measure and may not be comparable to other companies' presentations or deemed more useful than the GAAP information provided elsewhere in this report. Economic gross margin is defined as the sum of energy revenue, capacity revenue, retail revenue and other revenue, less cost of sales.

Economic gross margin excludes the following elements from gross margin: mark-to-market gains or losses on economic hedging activities, contract amortization and emission credit amortization.

The following tables presents the composition of economic gross margin for the nine months ended September 30, 2015 and 2014:

(In millions)	Nine months ended September 30, 2015											
	NRG Business					Subtotal	NRG Home					Eliminations/Corporate
	Gulf Coast	East	West	B2B	Elim-inat		Retail	Solar	NRG Renew	NRG Yield		
Energy revenue	\$2,015	\$2,468	\$196	\$—	\$ —	\$4,679	\$—	\$—	\$401	\$261	\$ (892)	\$4,449
Capacity revenue	209	1,009	162	4	—	1,384	—	—	—	252	(10)	1,626
Retail revenue	—	—	—	1,163	—	1,163	4,308	19	—	—	(6)	5,484
Other revenue	57	52	8	151	(44)	224	—	—	25	132	(93)	288
Operating revenue	2,281	3,529	366	1,318	(44)	7,450	4,308	19	426	645	(1,001)	11,847
Cost of sales	(1,152)	(1,621)	(142)	(1,127)	—	(4,042)	(3,136)	(13)	(6)	(57)	973	(6,281)
Economic gross margin	\$1,129	\$1,908	\$224	\$191	\$ (44)	\$3,408	\$1,172	\$6	\$420	\$588	\$ (28)	\$5,566
(In millions)	Nine months ended September 30, 2014											
	NRG Business					Subtotal	NRG Home					Eliminations/Corporate
	Gulf Coast	East	West	B2B	Elim-inat		Retail	Solar	NRG Renew	NRG Yield		
Energy revenue	\$2,115	\$2,737	\$228	\$—	\$ —	\$5,080	\$—	\$—	\$334	\$142	\$ (1,362)	\$4,194
Capacity revenue	204	956	216	1	—	1,377	—	—	1	236	(17)	1,597
Retail revenue	—	—	—	1,475	—	1,475	4,256	1	—	—	(4)	5,728
Other revenue	74	91	5	133	(35)	268	1	7	25	139	(52)	388
Operating revenue	2,393	3,784	449	1,609	(35)	8,200	4,257	8	360	517	(1,435)	11,907
Cost of sales	(1,401)	(1,791)	(188)	(1,439)	—	(4,819)	(3,318)	(1)	(9)	(73)	1,447	(6,773)
Economic gross margin	\$992	\$1,993	\$261	\$170	\$ (35)	\$3,381	\$939	\$7	\$351	\$444	\$ 12	\$5,134

NRG Business economic gross margin

The following is a discussion of economic gross margin for NRG Business, adjusted to eliminate intersegment activity, primarily with NRG Home.

(In millions except otherwise noted)	Nine months ended September 30, 2015						
	Gulf Coast	East	West	B2B	Subtotal	Eliminations	Total
Energy revenue	\$2,015	\$2,468	\$196	\$—	\$4,679	\$ —	\$4,679
Capacity revenue	209	1,009	162	4	1,384	—	1,384
Retail revenue	—	—	—	1,163	1,163	—	1,163
Other revenue	57	52	8	151	268	(44)	224
Operating revenue	2,281	3,529	366	1,318	7,494	(44)	7,450
Cost of sales	(1,152)	(1,621)	(142)	(1,127)	(4,042)	—	(4,042)
Economic Gross Margin	\$1,129	\$1,908	\$224	\$191	\$3,452	\$ (44)	\$3,408
Business Metrics							
MWh sold (in thousands) ^(a)	48,473	40,027	4,425				
MWh generated (in thousands)	46,214	39,760	3,194				
Electricity sales volume — GWh					14.771		
Average customer count (in thousands, metered locations)					82		

(a) MWh sold excludes generation at facilities that generate revenue under capacity agreements.

(In millions except otherwise noted)	Nine months ended September 30, 2014						
	Gulf Coast	East	West	B2B	Subtotal	Eliminations	Total
Energy revenue	\$2,115	\$2,737	\$228	\$—	\$5,080	\$ —	\$5,080
Capacity revenue	204	956	216	1	1,377	—	1,377
Retail revenue	—	—	—	1,475	1,475	—	1,475
Other revenue	74	91	5	133	303	(35)	268
Operating revenue	2,393	3,784	449	1,609	8,235	(35)	8,200
Cost of sales	(1,401)	(1,791)	(188)	(1,439)	(4,819)	—	(4,819)
Economic Gross Margin	\$992	\$1,993	\$261	\$170	\$3,416	\$ (35)	\$3,381
Business Metrics							
MWh sold (in thousands) ^(a)	48,867	37,088	2,859				
MWh generated (in thousands)	45,669	38,914	2,800				
Electricity sales volume — GWh					16,769		
Average customer count (in thousands, metered locations)					82		

(a) MWh sold excludes generation at facilities that generate revenue under capacity agreements.

Weather Metrics	Nine months ended September 30,		
	Gulf Coast	East	West
2015			
CDDs ^(a)	5,170	3,661	984
HDDs ^(a)	2,663	10,480	1,135
2014			
CDDs	4,982	3,011	1,054
HDDs	2,819	10,401	1,102

10 year average

CDDs	5,309	3,288	773
HDDs	2,276	9,300	1,576

National Oceanic and Atmospheric Administration-Climate Prediction Center - A Cooling Degree Day, or CDD, represents the number of degrees that the mean temperature for a particular day is above 65 degrees Fahrenheit in (a) each region. A Heating Degree Day, or HDD, represents the number of degrees that the mean temperature for a particular day is below 65 degrees Fahrenheit in each region. The CDDs/HDDs for a period of time are calculated by adding the CDDs/HDDs for each day during the period.

NRG Business economic gross margin — increased by \$36 million, including intercompany sales, during the nine months ended September 30, 2015, compared to the same period in 2014, due to:

	(In millions)
Increase in Gulf Coast region	\$137
Decrease in East region	(85)
Decrease in West region	(37)
Increase in B2B	21
	\$36

The increase in economic gross margin in the Gulf Coast region was driven by:

	(In millions)
Higher gross margin due to an increase in capacity revenue from higher pricing for certain South Central facilities as well as a 16% increase in average realized prices	\$92
Higher gross margin due to higher average realized prices driven by the impact of beneficial hedges in ERCOT	83
Higher gross margin from an increase in gas generation in Texas, which reflects lower supply costs from lower natural gas prices	26
Higher gross margin from an increase in nuclear generation driven by reduced planned outages	19
Lower gross margin due to the expiration of capacity contracts in Texas and South Central	(47)
Lower gross margin due to lower coal generation, primarily for South Central facilities, which was driven by lower natural gas prices	(46)
Other	10
	\$137

The decrease in economic gross margin in the East region was driven by:

	(In millions)
Lower gross margin due to a 12% decrease in coal generation as a result of prior year winter weather conditions and plant deactivations	\$(369)
Lower gross margin from a 6% decrease in PJM cleared auction capacity volumes primarily from unit deactivations	(48)
Lower gross margin due to higher purchased capacity to meet capacity supply obligations for deactivated units	(23)
Changes in commercial optimization activities	(26)
Lower gross margin due to market adjustments for fuel oil inventory	(15)
Higher gross margin due to a decrease in natural gas prices, partially offset by a 12% decrease in average realized energy prices	200
Higher gross margin due to the EME acquisition in April 2014	121
Higher gross margin due to new load contracts starting in June 2014 and lower supply cost	39
Higher gross margin primarily from a 21% increase in New York and New England hedged capacity prices	37
Other	(1)
	\$(85)

The decrease in economic gross margin in the West region was driven by:

	(In millions)
Lower capacity gross margin due to a 4% decrease in contracted capacity volume and a 15% decrease in price due to higher reserve margins driven by more competition in certain areas and the expiration of certain tolling arrangements, which were replaced with lower priced agreements	\$(35)
Lower gross margin due to the retirement of Coolwater	(21)
Higher energy gross margin due to a 25% increase in volume driven by more available capacity resulting from the expiration of certain tolling arrangements and a 40% decrease in gas prices, partially	10

offset by a 29% decrease in energy prices	
Higher gross margin due to the EME acquisition	9
	\$(37)

78

The increase in B2B economic gross margin was driven by:

	(In millions)
Higher gross margin for the C&I business in 2015 due to higher supply costs incurred in early 2014 as a result of prior year winter weather conditions and lower supply costs in 2015 driven by lower natural gas prices	\$16
Higher margin for the energy services business due to new contracts and new business	4
Higher margin for the demand response business due to increased activity in PJM and Texas	3
Lower gross margin from a decrease in customer usage due to customer mix	(2)
	\$21

NRG Home Retail economic gross margin

The following is a discussion of economic gross margin for NRG Home Retail.

(In millions except otherwise noted)	Nine months ended September 30,	
	2015	2014
Home Retail revenue	\$4,198	\$4,052
Supply management revenue	110	205
Operating revenue ^(a)	\$4,308	\$4,257
Cost of sales ^(b)	(3,136)	(3,318)
Economic Gross Margin	\$1,172	\$939

Business Metrics

Electricity sales volume — GWh - Gulf Coast	27,534	26,080
Electricity sales volume — GWh - All other regions	6,492	6,031
Average NRG Home Retail customer count (in thousands) ^(c)	2,791	2,670
Ending NRG Home Retail customer count (in thousands) ^(c)	2,771	2,885

^(a) Includes intercompany sales of \$4 million and \$5 million in 2015 and 2014, respectively, representing sales from Retail to the Gulf Coast region.

^(b) Includes intercompany purchases of \$877 million and \$1,479 million in 2015 and 2014.

^(c) Excludes Discrete Customers.

NRG Home Retail economic gross margin increased \$233 million for the nine months ended September 30, 2015, compared to the same period in 2014, due to:

	(In millions)
Higher gross margin due to lower supply costs and increased sales to Discrete Customers and Recurring Customers, partially offset by lower rates to customers driven by a decrease in natural gas prices	\$115
Higher gross margin as a result of having nine months of customers from the March 2014 acquisition of Dominion's competitive retail electric business in 2015 compared to six months in 2014	64
Higher gross margin due to lower supply costs on the higher sales volumes resulting from weather in 2015	54
	\$233

NRG Renew economic gross margin

The following is a discussion of economic gross margin for NRG Renew.

	Nine months ended September 30,	
	2015	2014
(In millions except otherwise noted)		
Operating revenue	\$426	\$360
Cost of sales	(6	) (9
Economic Gross margin	\$420	\$351
Business Metrics		
MWh sold (in thousands)	4,692	4,015
MWh generated (in thousands)	4,745	4,015

NRG Renew economic gross margin increased \$69 million for the nine months ended September 30, 2015, compared to the same period in 2014. The increase in gross margin was the result of the EME acquisition in April 2014 and improved performance at the Ivanpah project, as it continues towards full production capabilities.

NRG Yield economic gross margin

The following is a discussion of economic gross margin for NRG Yield.

	Nine months ended September 30,	
	2015	2014
(In millions except otherwise noted)		
Operating revenue	\$645	\$517
Cost of sales	(57	) (73
Economic Gross margin	\$588	\$444
Business Metrics		
MWh sold (in thousands)	3,077	1,643
MWht sold (in thousands)	1,519	1,576

NRG Yield economic gross margin increased \$144 million for the nine months ended September 30, 2015, compared to the same period in 2014. The increase in gross margin was primarily related to the acquisition of the Alta Wind Assets in August 2014 as well as the acquisition of the Walnut Creek, Tapestry Wind and Laredo Ridge projects from NRG, which were acquired in April 2014.

Mark-to-market for Economic Hedging Activities

Mark-to-market for economic hedging activities includes asset-backed hedges that have not been designated as cash flow hedges and ineffectiveness on cash flow hedges. Total net mark-to-market results increased by \$25 million during the nine months ended September 30, 2015, compared to the same period in 2014.

The breakdown of gains and losses included in operating revenues and operating costs and expenses by region was as follows:

	Nine months ended September 30, 2015								Total
	NRG Business					NRG Renew	NRG Yield	Elimination ^(a)	
	NRG Home	Gulf Coast	East	West	B2B				
(In millions)									
Mark-to-market results in operating revenues									
Reversal of previously recognized unrealized (gains)/losses on settled positions related to economic hedges	\$—	\$(276)	\$(225)	\$5	\$(1)	\$(5)	\$—	\$(11)	\$(513)
Reversal of acquired gain positions related to economic hedges	—	—	(62)	—	—	—	—	—	(62)
Net unrealized gains/(losses) on open positions related to economic hedges	—	307	113	5	5	2	2	(24)	410
Total mark-to-market gains/(losses) in operating revenues	\$—	\$31	\$(174)	\$10	\$4	\$(3)	\$2	\$(35)	\$(165)
Mark-to-market results in operating costs and expenses									
Reversal of previously recognized unrealized losses/(gains) on settled positions related to economic hedges	\$200	\$30	\$14	\$(1)	\$80	\$—	\$—	\$11	\$334
Reversal of acquired gain positions related to economic hedges	(4)	—	—	(15)	(2)	—	—	—	(21)
Net unrealized (losses)/gains on open positions related to economic hedges	(162)	(41)	(93)	1	(165)	—	—	24	(436)
Total mark-to-market gains/(losses) in operating costs and expenses	\$34	\$(11)	\$(79)	\$(15)	\$(87)	\$—	\$—	\$35	\$(123)

(a) Represents the elimination of the intercompany activity between NRG Home, NRG Business and NRG Yield.

	Nine months ended September 30, 2014								Total
	NRG Business					NRG Renew	NRG Yield	Elimination ^(a)	
	NRG Home	Gulf Coast	East	West	B2B				
(In millions)									
Mark-to-market results in operating revenues									
Reversal of previously recognized unrealized losses/(gains) on settled positions related to economic hedges	\$—	\$36	\$27	\$(4)	\$—	\$1	\$—	\$47	\$107
Reversal of acquired (gain)/loss positions related to economic hedges	—	—	(238)	1	—	—	—	—	(237)
	—	72	(131)	(1)	—	(1)	—	(35)	(96)

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Net unrealized gains/(losses) on open positions related to economic hedges									
Total mark-to-market gains/(losses) in operating revenues	\$—	\$108	\$(342)	\$(4)	\$—	\$—	\$—	\$12	\$(226)
Mark-to-market results in operating costs and expenses									
Reversal of previously recognized unrealized (gains)/losses on settled positions related to economic hedges	\$(51)	\$2	\$9	\$—	\$(23)	\$—	\$—	\$(47)	\$(110)
Reversal of acquired (gain)/loss positions related to economic hedges	(19)	—	10	—	(3)	—	—	—	(12)
Net unrealized (losses)/gains on open positions related to economic hedges	(18)	(1)	7	—	12	—	—	35	35
Total mark-to-market (losses)/gains in operating costs and expenses	\$(88)	\$1	\$26	\$—	\$(14)	\$—	\$—	\$(12)	\$(87)

(a) Represents the elimination of the intercompany activity between NRG Home, NRG Business, and NRG Renew.

Mark-to-market results consist of unrealized gains and losses. The settlement of these transactions is reflected in the same caption as the items being hedged.

The reversals of acquired gain or loss positions were valued based upon the forward prices on the acquisition date. For the nine months ended September 30, 2015, the \$165 million loss in operating revenues from economic hedge positions was driven primarily by the reversal of previously recognized unrealized gains on contracts that settled during the period and the reversal of acquired contracts, largely offset by an increase in value of open positions as a result of decreases in ERCOT and PJM electricity and natural gas prices. The \$123 million loss in operating costs and expenses from economic hedge positions was driven primarily by a decrease in value of open positions as a result of decreases in ERCOT electricity and coal prices and the reversal of acquired contracts, largely offset by the reversal of previously recognized unrealized losses on contracts that settled during the period.

For the nine months ended September 30, 2014, the \$226 million loss in operating revenues from economic hedge positions was driven primarily by the reversal of acquired contracts and a decrease in value of open positions as a result of increases in power prices, despite decreases in natural gas prices, partially offset by the reversal of previously recognized unrealized losses on contracts that settled during the period. The \$87 million loss in operating costs and expenses from economic hedge positions was driven primarily by the reversal of previously recognized unrealized gains on contracts that settled during the period partially offset by an increase in value of open positions as a result of increases in ERCOT heat rates, partially offset by decreases in coal prices.

In accordance with ASC 815, the following table represents the results of the Company's financial and physical trading of energy commodities for the nine months ended September 30, 2015, and 2014. The realized and unrealized financial and physical trading results are included in operating revenue. The Company's trading activities are subject to limits within the Company's Risk Management Policy.

(In millions)	Nine months ended	
	September 30,	
Trading gains/(losses)	2015	2014
Realized	\$49	\$95
Unrealized	(47	) 21
Total trading gains	\$2	\$116

In addition, trading activities reflect a decrease in gross margin of \$46 million, reflected in the Corporate segment, for the nine months ended September 30, 2015, as compared to the nine months ended September 30, 2014.

Operations and maintenance expense

	NRG Business				NRG	NRG	NRG	NRG	Eliminations	Total
	Gulf Coast	East	West	B2B	Home Retail	Home Solar	Renew	Yield		
	(In millions)									
Nine months ended September 30, 2015	\$478	\$791	\$108	\$62	\$152	\$8	\$120	\$106	\$ (65)	\$1,760
Nine months ended September 30, 2014	475	747	100	63	138	10	98	73	(59)	1,645

Operations and maintenance expense increased by \$115 million for the nine months ended September 30, 2015, compared to the same period in 2014, due to the following:

	(In millions)
Increase due to the acquisition of EME in April 2014 and the Alta Wind Assets in August 2014	\$116
Increase in operations and maintenance expense related to planned outages at Cottonwood and Big Cajun	22
Increase due to acquisitions in NRG Home Retail	9
Increase in operations and maintenance expense related to Ivanpah reaching commercial operations in early 2014	7
Increase in operations and maintenance expense related to El Segundo Energy Center's forced outage in 2015	6
Decrease in variable costs in the East region due to lower generation and the timing of planned and unplanned outages at Morgantown, Bowline, Canal, and Waukegan	(20)
Decrease in operations and maintenance expense related to Texas facilities due to timing of outages	(18)
Decrease due to the retirement of Will County unit 3 in 2015 and the sale of American Bituminous Power Partners, LP in 2014	(9)
Other	2
	\$115

Other cost of operations

Other cost of operations, comprised of asset retirement expense, insurance expense and property tax expense, increased by \$44 million for the nine months ended September 30, 2015, compared to the same period in 2014, primarily due to an increase in property tax expense related to the acquisition of EME in April 2014 and the Alta Wind Assets in August 2014.

Depreciation and Amortization

Depreciation and amortization increased by \$77 million for the nine months ended September 30, 2015, compared to the same period in 2014, primarily due to an increase of \$19 million due to the acquisition of EME, an increase of \$40 million due to the acquisition of the Alta Wind Assets and an increase from various other assets placed in service.

Impairment Losses

For the three months ended September 30, 2015, the Company recorded impairment losses primarily related to the write-down of the Huntley and Dunkirk facilities of \$222 million and the impairment of Goal Zero goodwill of \$36 million, as described in Note 7, Impairments.

For the nine months ended September 30, 2014, the Company recorded impairment losses of \$60 million related to the Osceola facility and \$10 million related to certain solar panels, as described in Note 7, Impairments.

Selling, Marketing, General and Administrative Expenses

Selling, marketing, general and administrative expenses is comprised of the following:

(In millions)	Nine months ended September 30,	
	2015	2014
Selling and marketing expenses	\$379	\$252
General and administrative expenses	507	485
	\$886	\$737

Selling and marketing expense increased by \$127 million for the nine months ended September 30, 2015, compared to the same period in 2014, due primarily to an increase in expense related to retail acquisitions as well as channel and product expansions in the core retail business, which also contributed to margin expansion during the same time period.

General and administrative expenses increased by \$22 million for the nine months ended September 30, 2015, compared to the same period in 2014, due primarily to expansion of the Home Solar business partially offset by continued integration and cost management efforts.

Development Activity Expenses

Development activity expenses increased by \$51 million for the nine months ended September 30, 2015, compared to the same period in 2014, due to increased development activities, primarily for Utility Scale Solar and Distributed Solar and NRG EVgo.

Equity in Earnings of Unconsolidated Affiliates

NRG's equity in earnings of unconsolidated affiliates decreased by \$10 million for the nine months ended September 30, 2015, as compared to the same period in 2014, due primarily to lower income at Watson and Midway Sunset and higher losses from the Company's investment in Petra Nova Parish Holdings, partially offset by NRG Yield's acquisition of Desert Sunlight.

Interest Expense

NRG's interest expense increased by \$46 million for the nine months ended September 30, 2015, compared to the same period in 2014 due to the following:

	(In millions)
Increase due to the acquisition of EME in April 2014 and Alta Wind in August 2014	\$57
Increase for the 2022 Senior Notes issued in January 2014 and 2024 Senior Notes issued in April 2014	24
Increase due to issuance of NRG Yield Operating LLC 2024 Senior Notes issued in 2014	17
Decrease due to the redemption of 7.625% and 8.5% Senior Notes due 2019	(38)
Decrease in derivative interest expense primarily from changes in fair value of interest rate swaps	(9)
Other	(5)
	\$46

Income Tax Benefit

For the nine months ended September 30, 2015, NRG recorded an income tax benefit of \$43 million on a pre-tax loss of \$121 million. For the same period in 2014, NRG recorded an income tax benefit of \$68 million on a pre-tax loss of \$33 million. The effective tax rate was 35.5% and 206.1% for the nine months ended September 30, 2015, and 2014, respectively.

For the nine months ended September 30, 2015, NRG's overall effective tax rate was different than the statutory rate of 35% primarily due to the impact of production tax credits generated from our wind assets, partially offset by tax expense attributable to consolidated partnerships.

For the nine months ended September 30, 2014, NRG's overall effective tax rate was different than the statutory rate of 35% primarily due to the impact of production tax credits generated from our wind assets and a benefit resulting from the recognition of previously uncertain tax benefits that were settled upon IRS audit during the second quarter of 2014.

Net losses/income attributable to noncontrolling interests and redeemable noncontrolling interests

For the nine months ended September 30, 2015, net losses attributable to noncontrolling interests primarily reflect losses allocated to tax equity investors using the HLBV method, offset in part by NRG Yield, Inc.'s share of net income for the period and for the nine months ended September 30, 2014, net income attributable to noncontrolling interests primarily reflects NRG Yield, Inc.'s share of net income for the period offset in part by net losses allocated to tax equity investors in tax equity arrangements using the HLBV method.

Liquidity and Capital Resources

Liquidity Position

As of September 30, 2015, and December 31, 2014, NRG's liquidity, excluding collateral received, was approximately \$4.2 billion and \$3.9 billion, respectively, comprised of the following:

(In millions)	September 30, 2015	December 31, 2014
Cash and cash equivalents:		
NRG excluding NRG Yield and GenOn	\$1,047	\$790
NRG Yield and subsidiaries	125	406
GenOn and subsidiaries	1,093	920
Restricted cash	497	457
Total	2,762	2,573
Total credit facility availability	1,449	1,367
Total liquidity, excluding collateral received	\$4,211	\$3,940

For the nine months ended September 30, 2015, total liquidity, excluding collateral received, increased by \$271 million. Changes in cash and cash equivalents balances are further discussed hereinafter under the heading Cash Flow Discussion. Cash and cash equivalents at September 30, 2015, were predominantly held in money market mutual funds and bank deposits.

NRG Yield cash and cash equivalents decreased primarily due to the acquisition of the January 2015 Drop Down Assets from NRG and the acquisition of 25% of Desert Sunlight, offset in part by cash from operating activities and cash from the issuance of NRG Yield's Class C shares. GenOn cash and cash equivalents increased primarily due to operating activities during the nine months ended September 30, 2015.

Management believes that the Company's liquidity position and cash flows from operations will be adequate to finance operating and maintenance capital expenditures, to fund dividends to NRG's common and preferred stockholders, and to fund other liquidity commitments, both in the near and longer term. Management continues to regularly monitor the Company's ability to finance the needs of its operating, financing and investing activity within the dictates of prudent balance sheet management.

Restricted Payments Tests

Of the \$2.3 billion of cash and cash equivalents of the Company as of September 30, 2015, \$291 million and \$226 million were held by GenOn Mid-Atlantic and REMA, respectively. The ability of certain of GenOn's and GenOn Americas Generation's subsidiaries to pay dividends and make distributions is restricted under the terms of certain agreements, including the GenOn Mid-Atlantic and REMA operating leases. Under their respective operating leases, GenOn Mid-Atlantic and REMA are not permitted to make any distributions and other restricted payments unless: (a) they satisfy the fixed charge coverage ratio for the most recently ended period of four fiscal quarters; (b) they are projected to satisfy the fixed charge coverage ratio for each of the two following periods of four fiscal quarters, commencing with the fiscal quarter in which such payment is proposed to be made; and (c) no significant lease default or event of default has occurred and is continuing. In addition, prior to making a dividend or other restricted payment, REMA must be in compliance with the requirement to provide credit support to the owner lessors securing its obligation to pay scheduled rent under its leases. Based on GenOn Mid-Atlantic's and REMA's most recent calculations of these tests, GenOn Mid-Atlantic and REMA did not satisfy the restricted payments tests. As a result, as of September 30, 2015, GenOn Mid-Atlantic and REMA could not make distributions of cash and certain other restricted

payments. Each of GenOn Mid-Atlantic and REMA may recalculate its fixed charge coverage ratios from time to time and, subject to compliance with the restricted payments test described above, make dividends or other restricted payments.

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The GenOn Senior Notes due 2018 and 2020 and the related indentures also restrict the ability of GenOn to incur additional liens and make certain restricted payments, including dividends. In the event of a default or if restricted payment tests are not satisfied, GenOn would not be able to distribute cash to its parent, NRG. At September 30, 2015, GenOn did not meet the consolidated debt ratio component of the restricted payments test.

Credit Ratings

On October 2, 2015, Standard & Poor's lowered its corporate credit ratings on GenOn, GenOn Mid-Atlantic, REMA and GenOn Americas Generation to CCC+ from B-. The ratings outlook for GenOn, GenOn Mid-Atlantic, REMA and GenOn Americas Generation is stable. Standard & Poor's also lowered the issue ratings on the GenOn senior notes, the pass-through certificates at GenOn Mid-Atlantic and the GenOn Americas Generation senior notes to B- from B. The issue rating on the pass-through certificates of REMA was lowered by Standard & Poor's to B from B+.

On September 18, 2015, S&P reaffirmed its corporate credit ratings on NRG Yield, Inc. and the Senior Notes due 2024. The rating outlook is stable. On October 6, 2015, Moody's lowered its corporate credit ratings on NRG Yield, Inc. and the NRG Yield Operating LLC Senior Notes due 2024 to Ba2 from Ba1, respectively. The rating outlook is stable.

On October 21, 2015, S&P reaffirmed its corporate credit ratings on NRG Energy, Inc. and its secured and unsecured debt.

The following table summarizes the Company's credit ratings as of November 4, 2015:

	S&P	Moody's
NRG Energy, Inc.	BB- Stable	Ba3 Stable
7.625% Senior Notes, due 2018	BB-	B1
8.25% Senior Notes, due 2020	BB-	B1
7.875% Senior Notes, due 2021	BB-	B1
6.25% Senior Notes, due 2022	BB-	B1
6.625% Senior Notes, due 2023	BB-	B1
6.25% Senior Notes, due 2024	BB-	B1
Term Loan Facility, due 2018	BB+	Baa3
GenOn 7.875% Senior Notes, due 2017	B-	B3
GenOn 9.500% Senior Notes, due 2018	B-	B3
GenOn 9.875% Senior Notes, due 2020	B-	B3
GenOn Americas Generation 8.500% Senior Notes, due 2021	B-	Caa1
GenOn Americas Generation 9.125% Senior Notes, due 2031	B-	Caa1
NRG Yield, Inc.	BB+ Stable	Ba2 Stable
5.375% NRG Yield Operating LLC Senior Notes, due 2024	BB+	Ba2

Sources of Liquidity

The principal sources of liquidity for NRG's future operating and capital expenditures are expected to be derived from new and existing financing arrangements, existing cash on hand and cash flows from operations. As described in Note 8, Debt and Capital Leases, to this Form 10-Q and Note 12, Debt and Capital Leases, to the Company's 2014 Form 10-K, the Company's financing arrangements consist mainly of the Senior Credit Facility, the Senior Notes, the GenOn Senior Notes, the GenOn Americas Generation Senior Notes, and project-related financings.

Cash Proceeds from Sale of Assets to NRG Yield, Inc.

On January 2, 2015, the Company sold the following facilities to NRG Yield, Inc.: (i) Walnut Creek, a 485 MW natural gas facility located in City of Industry, California; (ii) the Tapestry projects, which include Buffalo Bear, a 19 MW wind facility in Buffalo, Oklahoma; Pinnacle, a 55 MW wind facility in Keyser, West Virginia; and Taloga, a 130 MW wind facility in Putnam, Oklahoma; and (iii) Laredo Ridge, an 80 MW wind facility located in Petersburg, Nebraska. NRG Yield, Inc. paid total cash consideration of \$489 million, including \$9 million of working capital adjustments, plus assumed project level debt of \$737 million. The sale was recorded as a transfer of entities under

common control and the related assets were transferred at carrying value. NRG Yield, Inc. utilized cash on hand and borrowings under its revolving credit facility of \$210 million to fund the acquisition.

On November 3, 2015, the Company sold 75% of the Class B interests of NRG Wind TE Holdco, which owns a portfolio of twelve wind facilities totaling 814 net MW, to NRG Yield, Inc. for total cash consideration of \$210 million, subject to working

capital adjustments. NRG Yield, Inc. will be responsible for its pro-rata share of non-recourse project debt of \$193 million and noncontrolling interest associated with a tax equity structure of \$165 million (as of September 30, 2015).

Cash Grants

As of September 30, 2015, the Company had a net renewable energy grant receivable of \$26 million, net of sequestration. The receivable balance reflects a reduction as compared to the December 31, 2014 balance of \$135 million, net of sequestration, due primarily to a cash grant of approximately \$51 million, awarded by the U.S. Treasury Department to the Company for the Ivanpah project in June 2015 as well as the establishment of an indemnity receivable in the amount of \$75 million relating to the agreement the Company has with SunPower relating to the CVSR project in the first quarter of 2015.

Indemnity Receivable

The Company has a receivable of \$75 million pursuant to an indemnity agreement the Company has with SunPower relating to the CVSR project. Pursuant to the purchase and sale agreement for the CVSR project between NRG and SunPower, SunPower agreed to indemnify NRG up to \$75 million if the U.S. Treasury Department made certain determinations and awarded a reduced 1603 cash grant for the project. SunPower has refused to honor its contractual indemnification obligation. As a result, on March 19, 2014, NRG filed a lawsuit against SunPower in California state court, alleging breach of contract and also seeking a declaratory judgment that SunPower has breached its indemnification obligation. NRG is seeking \$75 million in damages from SunPower. On April 2, 2015, SunPower filed its answer to the lawsuit and also a cross-complaint alleging that NRG owes SunPower \$7.5 million as a result of SunPower having paid more than its required share to cover the repayment of the DOE cash grant bridge loans. On or around July 27, 2015, NRG filed its answer to the cross-complaint.

First Lien Structure

NRG has granted first liens to certain counterparties on a substantial portion of the Company's assets, excluding assets acquired through GenOn and EME (including Midwest Generation), assets held by NRG Yield, Inc., and NRG's assets that have project-level financing. NRG uses the first lien structure to reduce the amount of cash collateral and letters of credit that it would otherwise be required to post from time to time to support its obligations under out-of-the-money hedge agreements for forward sales of power or gas used as a proxy for power. To the extent that the underlying hedge positions for a counterparty are out-of-the-money to NRG, the counterparty would have claim under the lien program. The lien program limits the volume that can be hedged, not the value of underlying out-of-the-money positions. The first lien program does not require NRG to post collateral above any threshold amount of exposure. Within the first lien structure, the Company can hedge up to 80% of its coal and nuclear capacity, excluding GenOn and Midwest Generation's coal capacity, and 10% of its other assets, excluding GenOn's and Midwest Generation's other assets and NRG Yield, Inc.'s assets, with these counterparties for the first 60 months and then declining thereafter. Net exposure to a counterparty on all trades must be positively correlated to the price of the relevant commodity for the first lien to be available to that counterparty. The first lien structure is not subject to unwind or termination upon a ratings downgrade of a counterparty and has no stated maturity date.

The Company's lien counterparties may have a claim on its assets to the extent market prices exceed the hedged prices. As of September 30, 2015, all hedges under the first liens were in-the-money on a counterparty aggregate basis.

The following table summarizes the amount of MWs hedged against the Company's coal and nuclear assets and as a percentage relative to the Company's coal and nuclear capacity under the first lien structure as of September 30, 2015:

Equivalent Net Sales Secured by First Lien Structure ^(a)	2015	2016	2017	2018	2019
In MW	778	3,004	1,066	118	—
As a percentage of total net coal and nuclear capacity ^(b)	13	% 52	% 18	% 2	% —

(a) Equivalent net sales include natural gas swaps converted using a weighted average heat rate by region.

Net coal and nuclear capacity represents 80% of the Company's total coal and nuclear assets eligible under the first (b)lien which excludes coal assets acquired in the GenOn and EME (Midwest Generation) acquisitions, assets in NRG Yield, Inc. and NRG's assets that have project level financing.

Uses of Liquidity

The Company's requirements for liquidity and capital resources, other than for operating its facilities, can generally be categorized by the following: (i) commercial operations activities; (ii) debt service obligations; (iii) capital expenditures, including repowering and renewable development, and environmental; and (iv) allocations in connection with the Capital Allocation Program including acquisition opportunities, debt repayments, return of capital and dividend payments to stockholders.

The Company may offer certain assets to NRG Yield, Inc. pursuant to the Right of First Offer Agreement. Should NRG Yield, Inc. purchase the assets offered, the Company intends to allocate cash in an amount approximately equal to the proceeds received from the sale of assets to NRG Yield, Inc. equally among common share repurchases, corporate debt reduction and investment in contracted assets that could be considered for future sale to NRG Yield, Inc.

Commercial Operations

NRG's commercial operations activities require a significant amount of liquidity and capital resources. These liquidity requirements are primarily driven by: (i) margin and collateral posted with counterparties; (ii) margin and collateral required to participate in physical markets and commodity exchanges; (iii) timing of disbursements and receipts (i.e. buying fuel before receiving energy revenues); (iv) initial collateral for large structured transactions; and (v) collateral for project development. As of September 30, 2015, commercial operations had total cash collateral outstanding of \$367 million, and \$758 million outstanding in letters of credit to third parties primarily to support its commercial activities for both wholesale and retail transactions. As of September 30, 2015, total collateral held from counterparties was \$28 million in cash and \$151 million in letters of credit.

Future liquidity requirements may change based on the Company's hedging activities and structures, fuel purchases, and future market conditions, including forward prices for energy and fuel and market volatility. In addition, liquidity requirements are dependent on NRG's credit ratings and general perception of its creditworthiness.

Capital Expenditures

The following tables and descriptions summarize the Company's capital expenditures for maintenance, environmental, and growth investments for the nine months ended September 30, 2015, and the currently estimated capital expenditure and growth investments forecast for the remainder of 2015.

	Maintenance	Environmental	Growth Investments	Total
	(In millions)			
NRG Business				
Gulf Coast	\$ 169	\$ 62	\$ 10	\$ 241
East	109	131	51	291
West	5	—	16	21
B2B	4	—	1	5
NRG Home Retail	20	—	—	20
NRG Home Solar	2	—	106	108
NRG Renew	9	—	126	135
NRG Yield	7	—	9	16
Corporate	24	—	28	52
Total cash capital expenditures for the nine months ended September 30, 2015	349	193	347	889
Other investments ^(a)	—	—	449	449
Funding from debt financing and NRG Yield equity issuance, net of fees	—	(36	) (330	) (366
Funding from third party equity partners	(24	) —	(129	) (153
Total capital expenditures and investments, net of financings	325	157	337	819
Estimated capital expenditures for the remainder of 2015	130	156	498	784
Other investments ^(a)	—	—	40	40
Funding from debt financing, net of fees	—	(2	) (94	) (96
Funding from third party equity partners and cash grants	(1	) —	(243	) (244
NRG estimated capital expenditures for the remainder of 2015, net of financings	\$ 129	\$ 154	\$ 201	\$ 484

^(a) Other investments include restricted cash activity and \$285 million for the acquisition of a 25% interest in the Desert Sunlight Solar Farm.

Environmental capital expenditures — For the nine months ended September 30, 2015, the Company's environmental capital expenditures included DSI/ESP upgrades at the Powerton and Waukegan facilities and the Joliet gas conversion to satisfy the IL CPS; controls to satisfy MATS and the NSR settlement at the Big Cajun II facility; controls to satisfy MATS at the Avon Lake facility; mercury controls at the W.A. Parish facility; and NO_x controls for the Sayreville and Gilbert facilities.

Growth Investments capital expenditures — For the nine months ended September 30, 2015, the Company's growth investment capital expenditures included \$232 million for solar projects, \$51 million for fuel conversions, \$26 million for repowering projects, \$9 million for thermal projects and \$29 million for the Company's other growth projects. The Company's planned growth investment capital expenditures reflect a decrease related to the Avon Lake Unit 9 MATS compliance project.

Environmental Capital Expenditures

NRG estimates that environmental capital expenditures from 2015 through 2019 required to comply with environmental laws will be approximately \$629 million which includes \$98 million for GenOn and \$430 million for Midwest Generation. The majority of these costs will be expended by the end of 2016. The increase in environmental

capital expenditures for GenOn relates to the Avon Lake Unit 9 MATS compliance project.

In connection with the acquisition of EME, as further described in Note 3, Business Acquisitions and Dispositions, of this Form 10-Q, NRG committed to fund up to \$350 million in capital expenditures for plant modifications at Powerton and Joliet to comply with environmental regulations.

2015 Capital Allocation Program

During the second quarter of 2015, the Company established a capital allocation program that will apportion cash in an amount equal to the drop down proceeds received from NRG Yield, Inc. equally among share repurchases, corporate debt reduction and future NRG Yield, Inc. eligible projects.

Dividends

The following table lists the dividends paid during the nine months ended September 30, 2015:

	Third Quarter 2015	Second Quarter 2015	First Quarter 2015
Dividends per Common Share	\$0.145	\$0.145	\$0.145

On October 12, 2015, NRG declared a quarterly dividend on the Company's common stock of \$0.145 per share, payable November 16, 2015, to stockholders of record as of November 2, 2015, representing \$0.58 per share on an annualized basis.

The Company's common stock dividends are subject to available capital, market conditions, and compliance with associated laws, regulations and other contractual obligations. The Company expects that, based on current circumstances, comparable cash dividends will continue to be paid in the foreseeable future.

Share Repurchases

The following table shows the Company's activity under the 2015 Capital Allocation Program. The purchases of common stock were made using cash on hand.

Board Authorized Share Repurchases	Amount	Repurchases					Total Repurchases through November 4, 2015
(in millions, except share and per share data)	Authorized	Q4 2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	
Initial Phase (authorized Q4 2014)	\$100	\$44	\$56	\$—	\$—	\$—	\$100
Second Phase (authorized Q1 2015)	100	—	23	77	—	—	100
Supplemental (authorized Q2 2015)	81	—	—	30	51	—	81
Reset (authorized Q3 2015)	200	—	—	—	116	84	200
Total	\$481	\$44	\$79	\$107	\$167	\$84	\$481
Average price per share		\$26.95	\$25.15	\$24.53	\$15.06	\$15.03	\$18.64
Shares repurchased		1,624,360	3,146,484	4,379,907	11,104,184	5,558,920	25,813,855
Quarterly Dividends		\$47	\$49	\$48	\$48	\$—	\$192
Total Capital Returned to Shareholders		\$91	\$128	\$155	\$215	\$84	\$673

Fuel Repowerings and Conversions

The table below lists the currently projected repowering and conversion projects at certain NRG Business facilities. With respect to facilities that are currently operating, the timing of the projects listed above could adversely impact our operating revenues, gross margin and other operating costs during the period prior to the targeted commercial operations date.

Facility	Net Generation Capacity (MW)	Project Type	Fuel Type	Targeted COD
Fuel Conversions - Regulatory Compliance ^(a)				
Joliet Units 6, 7 and 8	1,326	Natural Gas Conversion	Natural Gas	Summer 2016
Total	1,326			
Repowering and Fuel Conversions - Growth Investments ^(b)				
Carlsbad Peakers (formerly Encina) Units 1, 2, 3, 4, 5 and GT ^(c)	500	Repowering	Natural Gas	Fall 2017
Puente (formerly Mandalay) Units 1 and 2 ^(c)	262	Repowering	Natural Gas	Summer 2020
New Castle Units 3, 4 and 5	325	Natural Gas Conversion	Natural Gas	Summer 2016
P.H. Robinson Peakers 1-6	360	Repowering	Natural Gas	Spring 2016
Shawville Units 1, 2, 3 and 4	597	Natural Gas Conversion	Natural Gas	Summer 2016
Total	2,044			

Total Fuel Repowerings and Conversions 3,370

(a) The Company plans to incur environmental capital expenditures associated with controls to satisfy MATS. These expenditures are included in the Company's environmental capital expenditures estimate noted above.

(b) Expenditures incurred for these projects are included in the Company's growth investments capital expenditures. Does not include the natural gas conversions of Dunkirk Units 2, 3 and 4, which are on hold pending the outcome of outstanding litigation.

(c) Projects are subject to applicable regulatory approvals and permits.

Cash Flow Discussion

The following table reflects the changes in cash flows for the comparative nine month periods:

	Nine months ended September 30,		
	2015	2014	Change
	(In millions)		
Net cash provided by operating activities	1,392	\$1,114	\$278
Net cash used in investing activities	(1,232)	(2,958)	1,726
Net cash (used)/provided by financing activities	(26)	1,541	(1,567)
Net Cash Provided By Operating Activities			
Changes to net cash provided by operating activities were driven by:			(In millions)
Changes in working capital			\$262
Increase in operating income adjusted for non-cash items			96
Change in cash collateral in support of risk management activities			(80)
			\$278
Net Cash Used In Investing Activities			
Changes to net cash used in investing activities were driven by:			(In millions)
Decrease in cash paid for acquisitions, due primarily to the acquisitions of EME and Dominion in 2014			\$2,801
Decrease in cash grant receipts, primarily reflecting the 2014 receipt of the CVSR cash grant			(369)
Increase in equity investments, primarily related to 25% investment in Desert Sunlight in 2015			(270)
Increase in capital expenditures related to maintenance and environmental projects			(214)
Decrease in proceeds from sale of assets, due primarily due to the sales of Kendall, Bayou Cove and 50% of the Company's interest in Petra Nova, in 2014			(152)
Cash proceeds to fund cash grant bridge loan payment in 2014			(57)
Increase in restricted cash			(9)
Other			(4)
			\$1,726
Net Cash (Used)/Provided By Financing Activities			
Changes to net cash (used)/provided by financing activities were driven by:			(In millions)
Net decrease in borrowing, offset by debt payments, which primarily reflects the issuance of the 2021 and 2024 Senior Notes in 2014			(1,423)
Increase in repurchase of treasury stock			(353)
Contingent consideration payments			(22)
Decrease in proceeds from issuance of common stock			(14)
Increase in payments of dividends			(12)
Increase in financing element of acquired derivatives			202
Decrease in cash paid for deferred financing costs			43
Increase in cash contributions from noncontrolling interest			12
			\$(1,567)

NOLs, Deferred Tax Assets and Uncertain Tax Position Implications, under ASC 740

For the nine months ended September 30, 2015, the Company had a total domestic pre-tax book loss of \$131 million and foreign pre-tax book income of \$10 million. As of September 30, 2015, the Company has cumulative domestic NOL carryforwards of \$4.0 billion and cumulative state NOL carryforwards of \$3.3 billion for financial statement purposes. In addition, NRG has cumulative foreign NOL carryforwards of \$207 million, which do not have an expiration date.

In addition to these amounts, the Company has \$74 million of tax effected uncertain tax benefits. As a result of the Company's tax position, and based on current forecasts, NRG anticipates income tax payments, primarily to state and local jurisdictions, of up to \$35 million in 2015.

However, as the position remains uncertain for the \$74 million of tax effected uncertain tax benefits, the Company has recorded a non-current tax liability of \$57 million and may accrue the remaining balance as an increase to non-current liabilities until final resolution with the related taxing authority. The \$57 million non-current tax liability for uncertain tax benefits is from positions taken on various state income tax returns, including accrued interest.

NRG is subject to examination by taxing authorities for income tax returns filed in the U.S. federal jurisdiction and various state and foreign jurisdictions including operations located in Australia. The Company is not subject to U.S. federal income tax examinations for years prior to 2011. With few exceptions, state and local income tax examinations are no longer open for years before 2009. The Company's primary foreign operations are also no longer subject to examination by local jurisdictions for years prior to 2010.

As of September 30, 2015, NRG has net deferred tax assets of \$1.6 billion, which the Company believes is realizable primarily through the generation of future income before income taxes. In order to be able to consider future earnings in the assessment of the realizability of deferred tax assets, general accepted accounting principles indicate the Company should not have cumulative losses in the recent past. Should NRG determine it cannot utilize estimates of future earnings in its assessment, NRG could be required to establish a valuation allowance for up to the full amount of its deferred tax asset.

Off-Balance Sheet Arrangements

Obligations under Certain Guarantee Contracts

NRG and certain of its subsidiaries enter into guarantee arrangements in the normal course of business to facilitate commercial transactions with third parties. These arrangements include financial and performance guarantees, stand-by letters of credit, debt guarantees, surety bonds and indemnifications.

Retained or Contingent Interests

NRG does not have any material retained or contingent interests in assets transferred to an unconsolidated entity.

Derivative Instrument Obligations

The Company's 2.822% Preferred Stock includes a feature which is considered an embedded derivative in accordance with ASC 815. Although it is considered an embedded derivative, it is exempt from derivative accounting as it is excluded from the scope pursuant to ASC 815. As of September 30, 2015, based on the Company's stock price, the embedded derivative was out-of-the-money and had no redemption value.

Obligations Arising Out of a Variable Interest in an Unconsolidated Entity

Variable interest in equity investments — As of September 30, 2015, NRG has several investments with an ownership interest percentage of 50% or less in energy and energy-related entities that are accounted for under the equity method of accounting. Several of these investments are variable interest entities for which NRG is not the primary beneficiary. See also Note 9, Variable Interest Entities, or VIEs, to this Form 10-Q.

NRG's pro-rata share of non-recourse debt held by unconsolidated affiliates was approximately \$629 million as of September 30, 2015. This indebtedness may restrict the ability of these subsidiaries to issue dividends or distributions to NRG. See also Note 16, Investments Accounted for by the Equity Method and Variable Interest Entities, to the Company's 2014 Form 10-K.

Contractual Obligations and Commercial Commitments

NRG has a variety of contractual obligations and other commercial commitments that represent prospective cash requirements in addition to the Company's capital expenditure programs, as disclosed in the Company's 2014 Form 10-K. See also Note 8, Debt and Capital Leases, and Note 14, Commitments and Contingencies, to this Form 10-Q for a discussion of new commitments and contingencies that also include contractual obligations and commercial commitments that occurred during the nine months ended September 30, 2015.

Fair Value of Derivative Instruments

NRG may enter into power purchase and sales contracts, fuel purchase contracts and other energy-related financial instruments to mitigate variability in earnings due to fluctuations in spot market prices and to hedge fuel requirements at generation facilities or retail load obligations. In addition, in order to mitigate interest rate risk associated with the issuance of the Company's variable rate and fixed rate debt, NRG enters into interest rate swap agreements. The following disclosures about fair value of derivative instruments provide an update to, and should be read in conjunction with, Fair Value of Derivative Instruments in Item 7 — Management's Discussion and Analysis of Financial Condition and Results of Operations, of the Company's 2014 Form 10 K.

The tables below disclose the activities that include both exchange and non-exchange traded contracts accounted for at fair value in accordance with ASC 820, Fair Value Measurements and Disclosures, or ASC 820. Specifically, these tables disaggregate realized and unrealized changes in fair value; disaggregate estimated fair values at September 30, 2015, based on their level within the fair value hierarchy defined in ASC 820; and indicate the maturities of contracts at September 30, 2015.

Derivative Activity Gains/(Losses)	(In millions)
Fair value of contracts as of December 31, 2014	\$413
Contracts realized or otherwise settled during the period	(253)
Changes in fair value	(93)
Fair Value of Contracts as of September 30, 2015	\$67

	Fair Value of Contracts as of September 30, 2015				
	Maturity				
Fair value hierarchy Gains/(Losses)	1 Year or Less	Greater than 1 Year to 3 Years	Greater than 3 Years to 5 Years	Greater than 5 Years	Total Fair Value
	(In millions)				
Level 1	\$(8)	\$(64)	\$(23)	\$—	\$(95)
Level 2	144	26	(24)	(17)	129
Level 3	28	9	(1)	(3)	33
Total	\$164	\$(29)	\$(48)	\$(20)	\$67

The Company has elected to present derivative assets and liabilities on a trade-by-trade basis and does not offset amounts at the counterparty master agreement level. Also, collateral received or paid on the Company's derivative assets or liabilities are recorded on a separate line item on the balance sheet. Consequently, the magnitude of the changes in individual current and non-current derivative assets or liabilities is higher than the underlying credit and market risk of the Company's portfolio. As discussed in Item 3 — Quantitative and Qualitative Disclosures About Market Risk, Commodity Price Risk, to this Form 10-Q, NRG measures the sensitivity of the Company's portfolio to potential changes in market prices using VaR, a statistical model which attempts to predict risk of loss based on market price and volatility. NRG's risk management policy places a limit on one-day holding period VaR, which limits the Company's net open position. As the Company's trade-by-trade derivative accounting results in a gross-up of the Company's derivative assets and liabilities, the net derivative asset and liability position is a better indicator of NRG's hedging activity. As of September 30, 2015, NRG's net derivative asset was \$67 million, a decrease to total fair value of \$346 million as compared to December 31, 2014. This decrease was driven by the roll-off of trades that

settled during the period and losses in fair value.

Based on a sensitivity analysis using simplified assumptions, the impact of a \$0.50 per MMBtu increase in natural gas prices across the term of the derivative contracts would result in a decrease of approximately \$482 million in the net value of derivatives as of September 30, 2015. The impact of a \$0.50 per MMBtu decrease in natural gas prices across the term of derivative contracts would result in an increase of approximately \$428 million in the net value of derivatives as of September 30, 2015.

Critical Accounting Policies and Estimates

NRG's discussion and analysis of the financial condition and results of operations are based upon the consolidated financial statements, which have been prepared in accordance with U.S. GAAP. The preparation of these financial statements and related disclosures in compliance with U.S. GAAP requires the application of appropriate technical accounting rules and guidance as well as the use of estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses, and related disclosures of contingent assets and liabilities. The application of these policies necessarily involves judgments regarding future events, including the likelihood of success of particular projects, legal and regulatory challenges, and the fair value of certain assets and liabilities. These judgments, in and of themselves, could materially affect the financial statements and disclosures based on varying assumptions, which may be appropriate to use. In addition, the financial and operating environment may also have a significant effect, not only on the operation of the business, but on the results reported through the application of accounting measures used in preparing the financial statements and related disclosures, even if the nature of the accounting policies has not changed.

On an ongoing basis, NRG evaluates these estimates, utilizing historic experience, consultation with experts and other methods the Company considers reasonable. In any event, actual results may differ substantially from the Company's estimates. Any effects on the Company's business, financial position or results of operations resulting from revisions to these estimates are recorded in the period in which the information that gives rise to the revision becomes known. The Company identifies its most critical accounting policies as those that are the most pervasive and important to the portrayal of the Company's financial position and results of operations, and that require the most difficult, subjective and/or complex judgments by management regarding estimates about matters that are inherently uncertain. NRG's critical accounting policies include derivative instruments, income taxes and valuation allowance for deferred tax assets, impairment of long lived assets, goodwill and other intangible assets, and contingencies.

The Company performs its annual test of goodwill impairment during the fourth quarter. The Company tests its long-lived assets for impairment whenever indicators of impairment exist. The Company notes that if natural gas prices continue to decrease, this could have a negative impact on the fair value of the reporting units that have goodwill balances. Additionally, continued decreases in natural gas prices could result in an adverse change in the manner that long-lived assets are used, or result in the Company selling an asset before the end of its previously estimated useful life, at a price that is lower than its carrying amount. Accordingly, if these decreases continue, it is possible that the Company's goodwill or long-lived assets will be impaired.

ITEM 3 — QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

NRG is exposed to several market risks in the Company's normal business activities. Market risk is the potential loss that may result from market changes associated with the Company's merchant power generation or with an existing or forecasted financial or commodity transaction. The types of market risks the Company is exposed to are commodity price risk, interest rate risk, liquidity risk, credit risk and currency exchange risk. The following disclosures about market risk provide an update to, and should be read in conjunction with, Item 7A — Quantitative and Qualitative Disclosures About Market Risk, of the Company's 2014 Form 10-K.

Commodity Price Risk

Commodity price risks result from exposures to changes in spot prices, forward prices, volatilities and correlations between various commodities, such as natural gas, electricity, coal, oil and emissions credits. NRG manages the commodity price risk of the Company's merchant generation operations and load serving obligations by entering into various derivative or non-derivative instruments to hedge the variability in future cash flows from forecasted sales and purchases of electricity and fuel. NRG measures the risk of the Company's portfolio using several analytical methods, including sensitivity tests, scenario tests, stress tests, position reports and VaR. NRG uses a Monte Carlo simulation based VaR model to estimate the potential loss in the fair value of its energy assets and liabilities, which includes generation assets, load obligations and bilateral physical and financial transactions.

The following table summarizes average, maximum and minimum VaR for NRG's commodity portfolio, including generation assets, load obligations and bilateral physical and financial transactions, calculated using the VaR model for the nine months ending September 30, 2015, and 2014:

(In millions)	2015	2014
VaR as of September 30,	\$36	\$85
Three months ended September 30,		
Average	\$39	\$86
Maximum	44	104
Minimum	34	77
Nine months ended September 30,		
Average	\$42	\$95
Maximum	54	142
Minimum	34	73

In order to provide additional information for comparative purposes to NRG's peers, the Company also uses VaR to estimate the potential loss of derivative financial instruments that are subject to mark-to-market accounting. These derivative instruments include transactions that were entered into for both asset management and trading purposes. The VaR for the derivative financial instruments calculated using the diversified VaR model as of September 30, 2015, for the entire term of these instruments entered into for both asset management and trading was \$40 million, primarily driven by asset-backed transactions.

Interest Rate Risk

NRG is exposed to fluctuations in interest rates through its issuance of variable rate debt. Exposures to interest rate fluctuations may be mitigated by entering into derivative instruments known as interest rate swaps, caps, collars and put or call options. These contracts reduce exposure to interest rate volatility and result in primarily fixed rate debt obligations when taking into account the combination of the variable rate debt and the interest rate derivative instrument. NRG's risk management policies allow the Company to reduce interest rate exposure from variable rate debt obligations.

The Company's project subsidiaries enter into interest rate swaps, intended to hedge the risks associated with interest rates on non-recourse project level debt. See Note 12, Debt and Capital Leases, of the Company's 2014 Form 10-K, as well as Note 8, Debt and Capital Leases of this Form 10-Q, for more information on the Company's interest rate swaps.

If all of the above swaps had been discontinued on September 30, 2015, the Company would have owed the counterparties \$171 million. Based on the investment grade rating of the counterparties, NRG believes its exposure to

credit risk due to nonperformance by counterparties to its hedge contracts to be insignificant.

NRG has both long and short-term debt instruments that subject the Company to the risk of loss associated with movements in market interest rates. As of September 30, 2015, a 1% change in variable interest rates would result in a \$23 million change in interest expense on a rolling twelve month basis.

As of September 30, 2015, the fair value and related carrying value of the Company's debt was \$19.2 billion and \$20.0 billion, respectively. NRG estimates that a 1% decrease in market interest rates would have increased the fair value of the Company's long-term debt by \$1.6 billion.

Liquidity Risk

Liquidity risk arises from the general funding needs of NRG's activities and in the management of the Company's assets and liabilities. The Company is currently exposed to additional collateral posting if natural gas prices decline primarily due to the long natural gas equivalent position at various exchanges used to hedge NRG's retail supply load obligations.

Based on a sensitivity analysis for power and gas positions under marginable contracts, a \$0.50 per MMBtu change in natural gas prices across the term of the marginable contracts would cause a change in margin collateral posted of approximately \$311 million as of September 30, 2015, and a 1 MMBtu/MWh change in heat rates for heat rate positions would result in a change in margin collateral posted of approximately \$257 million as of September 30, 2015. This analysis uses simplified assumptions and is calculated based on portfolio composition and margin-related contract provisions as of September 30, 2015.

Credit Risk

Credit risk relates to the risk of loss resulting from non-performance or non-payment by counterparties pursuant to the terms of their contractual obligations. NRG is exposed to counterparty credit risk through various activities including wholesale sales, fuel purchases and retail supply arrangements, and retail customer credit risk through its retail load activities. See Note 4, Fair Value of Financial Instruments, to this Form 10-Q for discussions regarding counterparty credit risk and retail customer credit risk, and Note 6, Accounting for Derivative Instruments and Hedging Activities, to this Form 10-Q for discussion regarding credit risk contingent features.

Currency Exchange Risk

NRG's foreign earnings and investments may be subject to foreign currency exchange risk, which NRG generally does not hedge. As these earnings and investments are not material to NRG's consolidated results, the Company's foreign currency exposure is limited.

ITEM 4 — CONTROLS AND PROCEDURES

Conclusion Regarding the Effectiveness of Disclosure Controls and Procedures

Under the supervision and with the participation of NRG's management, including its principal executive officer, principal financial officer and principal accounting officer, NRG conducted an evaluation of the effectiveness of the design and operation of its disclosure controls and procedures, as such term is defined in Rules 13a-15(e) or 15d-15(e) of the Exchange Act. Based on this evaluation, the Company's principal executive officer, principal financial officer and principal accounting officer concluded that the disclosure controls and procedures were effective as of the end of the period covered by this Quarterly Report on Form 10-Q.

Changes in Internal Control over Financial Reporting

There were no changes in NRG's internal control over financial reporting (as such term is defined in Rule 13a-15(f) under the Exchange Act) that occurred in the third quarter of 2015 that materially affected, or are reasonably likely to materially affect, NRG's internal control over financial reporting.

PART II — OTHER INFORMATION

ITEM 1 — LEGAL PROCEEDINGS

For a discussion of material legal proceedings in which NRG was involved through September 30, 2015, see Note 14, Commitments and Contingencies, to this Form 10-Q.

ITEM 1A — RISK FACTORS

Information regarding risk factors appears in Part I, Item 1A, Risk Factors Related to NRG Energy, Inc., in the Company's 2014 Form 10-K. There have been no material changes in the Company's risk factors since those reported in its 2014 Form 10 K.

ITEM 2 — UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

On May 8, 2015, the Company announced that its board of directors authorized the Company to repurchase \$81 million of its common stock under the Company's 2015 Capital Allocation Plan resulting in an increase in the total amount authorized for repurchase under the 2015 Capital Allocation Plan to \$281 million. On September 21, 2015, the Company announced that its board of directors authorized the Company to repurchase \$251 million of its common stock, comprised of \$51 million remaining from the amount previously approved for repurchase under the 2015 Capital Allocation Plan and an additional \$200 million.

The table below sets forth the information with respect to purchases made by or on behalf of the Company or any "affiliated purchaser" (as defined in Rule 10b-18(a)(3) under the Exchange Act), of the Company's common stock during the quarter ended September 30, 2015.

For the Three Months Ended September 30, 2015	Total Number of Shares Purchased	Average Price Paid per Share ^(a)	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Approximate Dollar Value of Shares that May Yet Be Purchased Under the Plans or Programs ^(b)
Month #1 (July 1, 2015 to July 31, 2015)	—	\$—	—	\$—
Month #2 (August 1, 2015 to August 31, 2015)	—	\$—	—	\$—
Month #3 (September 1, 2015 to September 30, 2015)	11,104,184	\$15.06	11,104,184	\$83,122,712
Total	11,104,184	\$15.06	11,104,184	

(a) The average price paid per share excludes commissions of \$0.015 per share paid in connection with the share repurchases.

(b) Includes commissions of \$0.015 per share paid in connection with the share repurchases.

ITEM 3 — DEFAULTS UPON SENIOR SECURITIES

None.

ITEM 4 — MINE SAFETY DISCLOSURES

Not applicable.

ITEM 5 — OTHER INFORMATION

None.

ITEM 6 — EXHIBITS

Number	Description	Method of Filing
4.1	One Hundred-Eighteenth Supplemental Indenture, dated as of October 28, 2015, among NRG Energy, Inc., the guarantors named therein and Law Debenture Trust Company of New York.	Incorporated herein by reference to Exhibit 4.1 to the Company's Current Report on Form 8-K filed on November 2, 2015.
4.2	Eighth Supplemental Indenture, dated as of October 28, 2015, among NRG Energy, Inc., the guarantors named therein and Law Debenture Trust Company of New York.	Incorporated herein by reference to Exhibit 4.2 to the Company's Current Report on Form 8-K filed on November 2, 2015.
31.1	Rule 13a-14(a)/15d-14(a) certification of David Crane.	Filed herewith.
31.2	Rule 13a-14(a)/15d-14(a) certification of Kirkland B. Andrews.	Filed herewith.
31.3	Rule 13a-14(a)/15d-14(a) certification of David Callen.	Filed herewith.
32	Section 1350 Certification.	Filed herewith.
101 INS	XBRL Instance Document.	Filed herewith.
101 SCH	XBRL Taxonomy Extension Schema.	Filed herewith.
101 CAL	XBRL Taxonomy Extension Calculation Linkbase.	Filed herewith.
101 DEF	XBRL Taxonomy Extension Definition Linkbase.	Filed herewith.
101 LAB	XBRL Taxonomy Extension Label Linkbase.	Filed herewith.
101 PRE	XBRL Taxonomy Extension Presentation Linkbase.	Filed herewith.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

NRG ENERGY, INC.
(Registrant)

/s/ DAVID CRANE
David Crane
Chief Executive Officer
(Principal Executive Officer)

/s/ KIRKLAND B. ANDREWS
Kirkland B. Andrews
Chief Financial Officer
(Principal Financial Officer)

/s/ DAVID CALLEN
David Callen
Chief Accounting Officer
(Principal Accounting Officer)

Date: November 4, 2015