

NRG ENERGY, INC.
Form 10-K
February 22, 2011

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 10-K

- ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the Fiscal Year ended December 31, 2010.
- TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the Transition period from _____ to _____.

Commission file No. 001-15891

NRG Energy, Inc.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

41-1724239

(I.R.S. Employer Identification No.)

211 Carnegie Center Princeton, New Jersey

(Address of principal executive offices)

08540

(Zip Code)

(609) 524-4500

(Registrant's telephone number, including area code)

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

Title of Each Class	Name of Exchange on Which Registered
Common Stock, par value \$0.01	New York Stock Exchange
Securities registered pursuant to Section 12(g) of the Act:	
Common Stock, par value \$0.01 per share	

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Exchange Act. Yes No

Indicate by check mark whether the registrant (1) has filed all reports 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 if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K (§ 229.405 of this chapter) is not contained herein, and will not be contained, to the best of the registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

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

Edgar Filing: NRG ENERGY, INC. - Form 10-K

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 Act). Yes No

As of the last business day of the most recently completed second fiscal quarter, the aggregate market value of the common stock of the registrant held by non-affiliates was approximately \$5,295,318,781 based on the closing sale price of \$21.21 as reported on the New York Stock Exchange.

Indicate the number of shares outstanding of each of the registrant's classes of common stock as of the latest practicable date.

Class	Outstanding at February 16, 2011
Common Stock, par value \$0.01 per share	247,536,568

Documents Incorporated by Reference:

**Portions of the Proxy Statement for the 2011 Annual Meeting of Stockholders
are incorporated by reference into Part III of this Form 10-K**

TABLE OF CONTENTS

<u>GLOSSARY OF TERMS</u>	<u>3</u>
<u>PART I</u>	<u>7</u>
Item 1 <u>Business</u>	<u>7</u>
Item 1A <u>Risk Factors Related to NRG Energy, Inc.</u>	<u>31</u>
Item 1B <u>Unresolved Staff Comments</u>	<u>44</u>
Item 2 <u>Properties</u>	<u>45</u>
Item 3 <u>Legal Proceedings</u>	<u>47</u>
Item 4 <u>Removed and Reserved</u>	<u>49</u>
<u>PART II</u>	<u>50</u>
Item 5 <u>Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities</u>	<u>50</u>
Item 6 <u>Selected Financial Data</u>	<u>53</u>
Item 7 <u>Management's Discussion and Analysis of Financial Condition and Results of Operations</u>	<u>55</u>
Item 7A <u>Quantitative and Qualitative Disclosures About Market Risk</u>	<u>95</u>
Item 8 <u>Financial Statements and Supplementary Data</u>	<u>99</u>
Item 9 <u>Changes in and Disagreements With Accountants on Accounting and Financial Disclosure</u>	<u>99</u>
Item 9A <u>Controls and Procedures</u>	<u>100</u>
Item 9B <u>Other Information</u>	<u>100</u>
<u>PART III</u>	<u>101</u>
Item 10 <u>Directors, Executive Officers and Corporate Governance</u>	<u>101</u>
Item 11 <u>Executive Compensation</u>	<u>101</u>
Item 12 <u>Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters</u>	<u>101</u>
Item 13 <u>Certain Relationships and Related Transactions, and Director Independence</u>	<u>101</u>
Item 14 <u>Principal Accounting Fees and Services</u>	<u>101</u>
<u>PART IV</u>	<u>102</u>
Item 15 <u>Exhibits, Financial Statement Schedules</u>	<u>102</u>
<u>EXHIBIT INDEX</u>	<u>192</u>

Table of Contents

Glossary of Terms

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

AB32	Assembly Bill 32 California Global Warming Solutions Act of 2006
ASC	The FASB Accounting Standards Codification, which the FASB established as the source of authoritative U.S. GAAP
ASU	Accounting Standards Updates updates to the ASC
Baseload capacity	Electric power generation capacity normally expected to serve loads on an around-the-clock basis throughout the calendar year
BACT	Best Available Control Technology
BTA	Best Technology Available
BTU	British Thermal Unit
CAA	Clean Air Act
CAGR	Compound annual growth rate
CAIR	Clean Air Interstate Rule
CAISO	California Independent System Operator
CATR	Clean Air Transport Rule
Capital Allocation Plan	Share repurchase program
Capital Allocation Program	NRG's plan of allocating capital between debt reduction, reinvestment in the business, and share repurchases through the Capital Allocation Plan
CDWR	California Department of Water Resources
C&I	Commercial, industrial and governmental/institutional
CFTC	U.S. Commodity Futures Trading Commission
CO ₂	Carbon dioxide
CPS	CPS Energy
CS	Credit Suisse Group
CSF I	NRG Common Stock Finance I LLC
CSF II	NRG Common Stock Finance II LLC
CSF Debt	CSF I and CSF II issued notes and preferred interest, individually referred to as CSF I Debt and CSF II Debt
CSRA	Credit Sleeve Reimbursement Agreement with Merrill Lynch in connection with acquisition of Reliant Energy, as hereinafter defined
CSRA Amendment	Amendment of the existing CSRA with Merrill Lynch which became effective October 5, 2009
DNREC	Delaware Department of Natural Resources and Environmental Control
EPC	Engineering, Procurement and Construction
ERCOT	Electric Reliability Council of Texas, the Independent System Operator and the regional reliability coordinator of the various electricity systems within Texas
ESPP	Employee Stock Purchase Plan
EWG	Exempt Wholesale Generator
Exchange Act	The Securities Exchange Act of 1934, as amended

Edgar Filing: NRG ENERGY, INC. - Form 10-K

Table of Contents

Expected Baseload Generation	The net baseload generation limited by economic factors (relationship between cost of generation and market price) and reliability factors (scheduled and unplanned outages)
FCM	Forward Capacity Market
FERC	Federal Energy Regulatory Commission
FPA	Federal Power Act
Fresh Start	Reporting requirements as defined by ASC-852, <i>Reorganizations</i>
Funded Letter of Credit Facility	NRG's \$1.3 billion term loan-backed fully funded senior secured letter of credit facility, of which \$500 million matures on February 1, 2013, and \$800 million matures on August 31, 2015, and is a component of NRG's Senior Credit Facility
GenOn	GenOn Energy, Inc. (formerly RRI Energy, Inc., formerly Reliant Energy, Inc.)
GHG	Greenhouse Gases
Green Mountain Energy	Green Mountain Energy Company
GWh	Gigawatt hour
Heat Rate	A measure of thermal efficiency computed by dividing the total BTU content of the fuel burned by the resulting kWh's 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
IGCC	Integrated Gasification Combined Cycle
ISO	Independent System Operator, also referred to as Regional Transmission Organizations, or RTO
ISO-NE	ISO New England Inc.
ITISA	Itiquira Energetica S.A.
kV	Kilovolts
kW	Kilowatts
kWh	Kilowatt-hours
LFRM	Locational Forward Reserve Market
LIBOR	London Inter-Bank Offer Rate
LTIP	Long-Term Incentive Plan
MACT	Maximum Achievable Control Technology
Mass	Residential and small business
Merit Order	A term used for the ranking of power stations in order of ascending marginal cost
MIBRAG	Mitteldeutsche Braunkohlengesellschaft mbH
MMBtu	Million British Thermal Units
MW	Megawatts
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
Net Baseload Capacity	Nominal summer net megawatt capacity of power generation adjusted for ownership and parasitic load, and excluding capacity from mothballed units as of December 31, 2010
Net Capacity Factor	The net amount of electricity that a generating unit produces over a period of time divided by the net amount of electricity it could have produced if it had run at full power over that time period. The net amount of electricity produced is the total amount of electricity generated minus the amount of electricity used during generation.

Edgar Filing: NRG ENERGY, INC. - Form 10-K

Table of Contents

Net Exposure	Counterparty credit exposure to NRG, net of collateral
Net Generation	The net amount of electricity produced, expressed in kWhs or MWhs, that is the total amount of electricity generated (gross) minus the amount of electricity used during generation.
NINA	Nuclear Innovation North America LLC
NO _x	Nitrogen oxide
NOL	Net Operating Loss
NPNS	Normal Purchase Normal Sale
NRC	U.S. Nuclear Regulatory Commission
NSPS	Newsourc Performance Standards
NSR	New Source Review
NYISO	New York Independent System Operator
OCI	Other comprehensive income
Phase II 316(b) Rule	A section of the Clean Water Act regulating cooling water intake structures
PJM	PJM Interconnection, LLC
PJM market	The wholesale and retail electric market operated by PJM primarily in all or parts of Delaware, the District of Columbia, Illinois, Maryland, New Jersey, Ohio, Pennsylvania, Virginia and West Virginia
PM 2.5	Particulate matter particles with a diameter of 2.5 micrometers or less
PPA	Power Purchase Agreement
PSD	Prevention of Significant Deterioration
PUCT	Public Utility Commission of Texas
PUHCA of 2005	Public Utility Holding Company Act of 2005
PURPA	Public Utility Regulatory Policy Act of 2005
QF	Qualifying Facility under PURPA
Reliant Energy	NRG's retail business in Texas purchased on May 1, 2009, from Reliant Energy, Inc. which is now known as GenOn Energy, Inc., or GenOn
Repowering	Technologies utilized to replace, rebuild, or redevelop major portions of an existing electrical generating facility, not only to achieve a substantial emissions reduction, but also to increase facility capacity, and improve system efficiency
<i>Repowering</i> NRG	NRG's program designed to develop, finance, construct and operate new, highly efficient, environmentally responsible capacity
REPS	Reliant Energy Power Supply, LLC
RERH	RERH Holding, LLC and its subsidiaries
Revolving Credit Facility	NRG's \$875 million senior secured revolving credit facility, which matures on August 31, 2015, and is a component of NRG's Senior Credit Facility
RGGI	Regional Greenhouse Gas Initiative
RMR	Reliability Must-Run
ROIC	Return on invested capital
Sarbanes-Oxley	Sarbanes-Oxley Act of 2002, as amended
Schkopau	Kraftwerk Schkopau Betriebsgesellschaft mbH, an entity in which NRG has a 41.9% interest
SEC	United States Securities and Exchange Commission

Edgar Filing: NRG ENERGY, INC. - Form 10-K

Table of Contents

Securities Act	The Securities Act of 1933, as amended
Senior Credit Facility	NRG's senior secured facility is comprised of a Term Loan Facility, an \$875 million Revolving Credit Facility and a \$1.3 billion Funded Letter of Credit Facility
SIFMA	Securities Industry and Financial Markets Association
Senior Notes	The Company's \$6.5 billion outstanding unsecured senior notes consisting of \$1.2 billion of 7.25% senior notes due 2014, \$2.4 billion of 7.375% senior notes due 2016, \$1.1 billion of 7.375% senior notes due 2017, \$700 million of 8.5% senior notes due 2019 and \$1.1 billion of 8.25% senior notes due 2020
SERC	Southeastern Electric Reliability Council/Entergy
SO ₂	Sulfur dioxide
STP	South Texas Project nuclear generating facility located near Bay City, Texas in which NRG owns a 44% Interest
STPNOC	South Texas Project Nuclear Operating Company
TANE	Toshiba America Nuclear Energy Corporation
TANE Facility	NINA's \$500 million credit facility with TANE which matures on February 24, 2012
TEPCO	The Tokyo Electric Power Company of Japan, Inc.
Term Loan Facility	A senior first priority secured term loan, of which approximately \$975 million matures on February 1, 2013 and \$1.0 billion matures on August 31, 2015, and is a component of NRG's Senior Credit Facility
Texas Genco	Texas Genco LLC, now referred to as the Company's Texas Region
Tonnes	Metric tonnes, which are units of mass or weight in the metric system each equal to 2,205lbs and are the global measurement for GHG
TWh	Terawatt hour
U.S.	United States of America
U.S. DOE	United States Department of Energy
U.S. EPA	United States Environmental Protection Agency
U.S. GAAP	Accounting principles generally accepted in the United States
VaR	Value at Risk
VIE	Variable Interest Entity
WCP	WCP (Generation) Holdings, Inc.

Table of Contents

PART I

Item 1 Business

General

NRG Energy, Inc., or NRG or the Company, is a primarily wholesale power generation company with a significant presence in major competitive power markets in the United States. NRG is engaged in: the ownership, development, construction and operation of power generation facilities; the transacting in and trading of fuel and transportation services; the trading of energy, capacity and related products in the United States and select international markets; and the supply of electricity, energy services, and cleaner energy and carbon offset products to retail electricity customers in deregulated markets through its retail subsidiaries Reliant Energy and Green Mountain Energy.

As of December 31, 2010, NRG had a total global generation portfolio of 193 active operating fossil fuel and nuclear generation units, at 45 power generation plants, with an aggregate generation capacity of approximately 24,570 MW, as well as ownership interests in renewable facilities with an aggregate generation capacity of 470 MW. NRG's portfolio includes approximately 24,035 MW in the United States and 1,005 MW in Australia and Germany, and approximately 265 MW under construction, which includes partner interests of 120 MW. In addition, NRG has a district energy business that has a steam and chilled water capacity of approximately 1,140 megawatts thermal equivalent, or MWt.

NRG's principal domestic power plants consist of a mix of natural gas-, coal-, oil-fired, nuclear and renewable facilities, representing approximately 46%, 31%, 16%, 5% and 2% of the Company's total domestic generation capacity, respectively. In addition, 7% of NRG's domestic generating facilities have dual or multiple fuel capacity.

NRG's domestic generation facilities consist of intermittent, baseload, intermediate and peaking power generation facilities. The sale of capacity and power from baseload generation facilities accounts for the majority of the Company's revenues. In addition, NRG's generation portfolio provides the Company with opportunities to capture additional revenues by selling power during periods of peak demand, offering capacity or similar products to retail electric providers and others, and providing ancillary services to support system reliability.

Reliant Energy and Green Mountain Energy arrange for the transmission and delivery of electricity to customers, bill customers, collect payments for electricity sold and maintain call centers to provide customer service. Based on metered locations, as of December 31, 2010, Reliant Energy and Green Mountain Energy combined serve approximately 1.9 million residential, small business, commercial and industrial customers.

Furthermore, NRG is focused on the development and investment in energy-related new businesses and new technologies where the benefits of such investments represent significant commercial opportunities and create a comparative advantage for the Company. These investments include low or no GHG emitting energy generating sources, such as nuclear, wind, solar thermal, solar photovoltaic, biomass, gasification, the retrofit of post-combustion carbon capture technologies, and fueling infrastructure for electric vehicle ecosystems.

Table of Contents

NRG's Business Strategy

NRG's business strategy is intended to maximize shareholder 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 and low carbon energy solutions. This dual strategy is designed to optimize the Company's core business of competitive power generation and establish the Company as a leading provider of sustainable energy solutions that both promote national energy security and enhance our environment, while utilizing the Company's retail businesses to complement and advance both initiatives.

The Company's core business is focused on: (i) excellence in safety and operating performance of its existing operating assets; (ii) serving the energy needs of end-use residential, commercial and industrial customers in our core markets; (iii) optimal hedging of baseload generation and retail load operations, while retaining optionality on the Company's gas fleet; (iv) repowering of power generation assets at existing sites and reducing environmental impacts; (v) pursuit of selective acquisitions, joint ventures, divestitures and investments; and (vi) engaging in a proactive capital allocation plan focused on achieving the regular return of and on shareholder capital within the dictates of prudent balance sheet management.

In addition, the Company believes that it is well-positioned to capture the opportunities arising out of a long-term societal trend towards sustainability as a result of technological developments and new product offerings in "green" energy. The Company's initiatives in this area of future growth are focused on: (i) low carbon baseload primarily nuclear generation; (ii) renewables, with a concentration in solar and wind generation and development; (iii) fast start, high efficiency gas-fired capacity in the Company's core regions; (iv) electric vehicle ecosystems; and (v) smart grid services. The Company's advances in each of these areas are driven by select acquisitions, joint ventures, and investments that are more fully described in Item 1 *Business, New and On-going Company Initiatives and Development Projects*.

Competition

Wholesale power generation is a capital-intensive, commodity-driven business with numerous industry participants. NRG competes on the basis of the location of its plants and ownership of multiple plants in various regions, which increases the stability and reliability of its energy supply. Wholesale power generation is a regional business that is currently highly fragmented relative to other commodity industries and diverse in terms of industry structure. As such, there is a wide variation in terms of the capabilities, resources, nature and identity of the companies NRG competes with depending on the market.

The deregulated retail energy business in ERCOT and other similar markets is a highly competitive business. In general, competition in the retail energy business is on the basis of price, service, brand image, product offerings and market perceptions of creditworthiness. Reliant Energy and Green Mountain Energy sell electricity pursuant to a variety of product types, including fixed, indexed and renewable products, and customers elect terms of service typically ranging from one month to five years. Retail energy rates are market-based, and not subject to traditional cost-of-service regulation by the Public Utility Commission of Texas, or PUCT. Non-affiliated transmission and distribution service companies provide, on a non-discriminatory basis, the wires and metering services necessary to access customers.

Table of Contents

Competitive Strengths

Scale and diversity of assets NRG has one of the largest and most diversified power generation portfolios in the United States, with approximately 23,565 MW of fossil fuel and nuclear generation capacity in 185 active generating units at 43 plants and 470 MW renewable generation capacity which consists of ownership interests in four wind farms and a solar facility, and less than 5 MW of distributed solar as of December 31, 2010. The Company's power generation assets are diversified by fuel-type, dispatch level and region, which help mitigate the risks associated with fuel price volatility and market demand cycles.

NRG has a significant power generation presence in major U.S. competitive power markets as set forth in the map below:

(1) Includes 115 MW as part of NRG's Thermal assets. For combined scale, approximately 1,800 MW is dual-fuel capable. Reflects only domestic generation capacity as of December 31, 2010.

Table of Contents

The Company's U.S. power generation portfolio by dispatch level is comprised of approximately 36% baseload, 38% intermediate, 24% peaking and 2% intermittent units. NRG's U.S. baseload facilities, which consist of approximately 8,545 MW of generation capacity measured as of December 31, 2010, provide the Company with a significant source of cash flow, while its intermediate and peaking facilities, with approximately 15,020 MW of generation capacity as of December 31, 2010, provide NRG with opportunities to capture upside potential that can arise from time to time during periods of high demand. In addition, approximately 7% of the Company's domestic generation facilities have dual or multiple fuel capability, which allows most of these plants to optimize dispatch with the lower cost fuel option.

The following chart demonstrates the diversification of NRG's U.S. power generation asset portfolio as of December 31, 2010.

Locational advantages Many of NRG's generation assets are located within densely populated areas that tend to have more robust wholesale pricing as a result of relatively favorable local supply-demand balance. NRG has generation assets located within Houston, New York City, southwestern Connecticut, and the Los Angeles and San Diego load basins. These facilities are often ideally situated for repowering or the addition of new capacity, because their location and existing infrastructure give them significant advantages over undeveloped sites.

Reliability of future cash flows from hedging and risk management of wholesale and retail NRG has hedged a portion of its expected baseload generation capacity with decreasing hedge levels through 2015. NRG also has cooperative load contract obligations in the South Central region which expire over various dates through 2025. In addition, as of December 31, 2010, the Company had purchased fuel forward under fixed price contracts, with contractually-specified price escalators, for approximately 43% of its expected baseload coal requirement from 2011 to 2015, including inventory. The Company has the capacity and intent to enter into additional hedges when market conditions are favorable. The Company also has the option of backing NRG's retail load-serving requirements, which may reduce the need to sell and buy power from other financial institutions and intermediaries, resulting in lower transaction costs and credit exposures. This combination of generation and retail allows for a reduction in actual and contingent collateral, initially through offsetting transactions and over time by reducing the need to hedge the retail power supply through third parties. The generation and retail combination also provides stability in cash flows, as changes in commodity prices generally have offsetting impacts between the two businesses. These forward positions, along with the offsetting nature of generation and retail in relation to changes in market prices, provide a reliable source of future cash flow for NRG's investors, while preserving a portion of its generation portfolio for opportunistic sales to take advantage of favorable market dynamics.

Table of Contents

Commercial Operations Overview

NRG seeks to maximize profitability and manage cash flow volatility through the marketing, trading and sale of energy, capacity and ancillary services into spot, intermediate and long-term markets and through the active management and trading of emissions allowances, fuel supplies and transportation-related services. The Company's principal objectives are the realization of the full market value of its asset base, including the capture of its extrinsic value, the management and mitigation of commodity market risk and the reduction of cash flow volatility over time.

NRG enters into power sales and hedging arrangements via a wide range of products and contracts, including power purchase agreements, or PPAs, fuel supply contracts, capacity auctions, natural gas swap agreements and other financial instruments. The PPAs that NRG enters into require the Company to deliver MWh of power to its counterparties. In addition, because changes in power prices in the markets where NRG operates are generally correlated to changes in natural gas prices, NRG uses hedging strategies which may include power and natural gas forward sales contracts to manage the commodity price risk primarily associated with the Company's baseload generation assets. The objective of these hedging strategies is to stabilize the cash flow generated by NRG's portfolio of assets.

The following table summarizes NRG's U.S. baseload capacity and the corresponding revenues and average natural gas prices resulting from baseload hedge agreements extending beyond December 31, 2011, and through 2015:

	2011	2012	2013	2014	2015	Annual Average for 2011-2015
	(Dollars in millions unless otherwise stated)					
Net Baseload Capacity (MW) ^(a)	8,477	8,450	8,450	8,295	8,295	8,393
Forecasted Baseload Capacity (MW) ^(b)	6,659	6,569	6,554	6,459	6,482	6,545
Total Baseload Sales (MW) ^{(c)(d)}	6,700	3,310	1,989	803	680	2,697
Percentage Baseload Capacity Sold Forward ^(e)	101%	50%	31%	12%	10%	41%
Total Forward Hedged Revenues ^{(f)(g)}	\$ 2,866	\$ 1,704	\$ 943	\$ 326	NM ^(h)	\$ 1,460
Weighted Average Hedged Price (\$ per MWh) ^(f)	\$ 49	\$ 59	\$ 54	\$ 46	NM ^(h)	\$ 52
Average Equivalent Natural Gas Price (\$ per MMBtu)	\$ 6.10	\$ 7.63	\$ 7.14	\$ 6.41	NM ^(h)	\$ 6.67

- (a) Nameplate capacity net of station services reflecting unit retirement schedule.
- (b) Forecasted generation dispatch output (MWh) based on forward price curve as of December 31, 2010, which is then divided by 8,760 hours (8,784 hours in 2012) to arrive at MW capacity. The dispatch takes into account planned and unplanned outage assumptions.
- (c) Includes amounts under power sales contracts and natural gas hedges. The forward natural gas quantities are reflected in equivalent MWh based on forward market implied heat rate as of December 31, 2010 and then combined with power sales to arrive at equivalent MWh hedged which is then divided by 8,760 hours (8,784 hours in 2012) to arrive at MW hedged.
- (d) Includes inter-segment sales from the Company's Texas wholesale power generation business to Reliant Energy.
- (e) Percentage hedged is based on total MW sold as power and natural gas converted using the method as described in (c) above divided by the forecasted baseload capacity.
- (f) Represents all North American baseload sales, including energy revenue and demand charges.
- (g) The South Central region's weighted average hedged prices ranges from \$40/MWh - \$50/MWh. These prices include demand charges and an estimated energy charge.
- (h) NM Not meaningful, as the transportation component of coal costs is subject to renegotiation with the railroad.

NRG's retail operations sell electricity on fixed price or indexed products, and these contracts have terms typically ranging from one month to five years. In a typical year, the Company sells approximately 50 TWh of load, but this amount can be affected by weather, economic conditions and competition. The wholesale supply is typically purchased as the load is contracted in order to secure profit margin. The wholesale supply is purchased from a combination of NRG's wholesale portfolio and other third parties, depending on the existing hedge position for the NRG wholesale portfolio at the time.

Table of Contents*Capacity Revenue Sources*

NRG revenues and free cash flows benefit from capacity/demand payments originating from either market clearing capacity prices, Resource Adequacy, or RA, contracts and tolling arrangements as many of NRG's plants are well situated within load pockets and make critical contributions to system stability. Specifically, in the Northeast, the Company's largest sources for capacity revenues are derived from market capacity auctions in New York, PJM Interconnection, LLC, or PJM, and New England. Previously, New England also derived its capacity revenues from RMR agreements; however, all RMR agreements expired on May 31, 2010. In South Central, NRG earns significant demand payments from its long-term full-requirements load contracts with ten Louisiana distribution cooperatives, which are not unit specific. Of the ten contracts, seven expire in 2025 and account for 56% of the contract load, while the remaining three expire in 2014 and comprise 44% of contract load. Demand payments from these long term contracts are tied to summer peak demand as well as provide a mechanism for recovering a portion of the costs for mandated environmental projects over the remaining life of the contract. In the West, most of the Company's sites benefit from either tolling agreements and/or RA contracts.

The table below reflects the plants and relevant capacity revenue sources for the Northeast and West regions, as well as the Company's thermal generation facilities:

Region, Market and Facility	Zone	Sources of Capacity Revenue: Market Capacity, RMR and Tolling Arrangements
Northeast Region:		
NEPOOL (ISO-NE):		
Devon	SWCT	LFRM/FCM
Connecticut Jet Power	SWCT	LFRM/FCM
GenConn Devon	SWCT	LFRM/FCM ^(a)
Montville	CT ROS	FCM ^(b)
Middletown	CT ROS	FCM ^(b)
Norwalk Harbor	SWCT	FCM ^(b)
PJM:		
Indian River	PJM East	DPL South
Vienna	PJM East	DPL South