UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): March 24, 2014

NRG ENERGY, INC.

(Exact name of Registrant as specified in its charter)

001-15891

(Commission File Number)

41-1724239 (IRS Employer Identification No.)

Delaware (State or other jurisdiction of incorporation)

211 Carnegie Center, Princeton, New Jersey 08540 (Address of principal executive offices, including zip code)

(609) 524-4500

(Registrant's telephone number, including area code)

N/A

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

□ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

□ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 1.01 Entry Into a Material Definitive Agreement.

On March 24, 2014, NRG Energy, Inc. ("NRG"), the subsidiaries of NRG currently party to the Indenture (defined below), Bayou Cove Peaking Power, LLC (the "Guaranteeing Subsidiary"), and Law Debenture Trust Company of New York, as trustee (the "Trustee"), entered into the one hundred-tenth supplemental indenture (the "One Hundred-Tenth Supplemental Indenture"), supplementing the indenture, dated as of February 2, 2006 (the "Base Indenture"), as supplemented by (i) the twenty-second supplemental indenture, dated as of June 5, 2009 (the "Twenty-Second Supplemental Indenture"), among NRG, the guarantors party thereto and the Trustee, pursuant to which NRG issued \$700,000,000 aggregate principal amount of 8.50% senior notes due 2019 (the "8.50% 2019 Notes"), (ii) the thirty-sixth supplemental indenture, dated as of August 20, 2010 (the "Thirty-Sixth Supplemental Indenture"), among NRG, the guarantors party thereto and the Trustee, pursuant to which NRG issued \$1,100,000,000 aggregate principal amount of 8.25% senior notes due 2020 (the "2020 Notes"), (iii) the forty-second supplemental indenture, dated as of January 26, 2011 (the "Forty-Second Supplemental Indenture"), among NRG, the guarantors party thereto and the Trustee, pursuant to which NRG issued \$1,200,000,000 aggregate principal amount of 7.625% senior notes due 2018 (the "2018 Notes"), (iv) the fiftieth supplemental indenture, dated as of May 24, 2011 (the "Fiftieth Supplemental Indenture"), among NRG, the guarantors party thereto and the Trustee, pursuant to which NRG issued \$800,000,000 aggregate principal amount of 7.625% senior notes due 2019 (the "7.625% 2019 Notes"), (v) the fifty-first supplemental indenture, dated as of May 24, 2011 (the "Fifty-First Supplemental Indenture"), among NRG, the guarantors party thereto and the Trustee, pursuant to which NRG issued \$1,200,000,000 aggregate principal amount of 7.875% senior notes due 2021 (the "2021 Notes"), (vi) the seventieth supplemental indenture, dated as of September 24, 2012 (the "Seventieth Supplemental Indenture"), among NRG, the guarantors party thereto and the Trustee, pursuant to which NRG issued \$990,000,000 aggregate principal amount of 6.625% senior notes due 2023 (the "2023 Notes"), and (vii) the one hundred-ninth supplemental indenture, dated as of January 27, 2014 (the "One Hundred-Ninth Supplemental Indenture," and together with the Base Indenture, the Twenty-Second Supplemental Indenture, the Thirty-Sixth Supplemental Indenture, the Forty-Second Supplemental Indenture, the Fiftieth Supplemental Indenture, the Fifty-First Supplemental Indenture and the Seventieth Supplemental Indenture, each as further supplemented and amended to the date hereof, the "Indenture"), among NRG, the guarantors party thereto and the Trustee, pursuant to which NRG issued \$1,100,000,000 aggregate principal amount of 6.250% senior notes due 2022 (the "2022 Notes," and collectively with the 8.50% 2019 Notes, the 2020 Notes, the 2018 Notes, the 7.625% 2019 Notes, the 2021 Notes and the 2023 Notes, the "Notes"). Pursuant to the One Hundred-Tenth Supplemental Indenture, the Guaranteeing Subsidiary became a guarantor of NRG's obligations under the Notes.

A copy of the One Hundred-Tenth Supplemental Indenture is attached as Exhibit 4.1 to this Current Report on Form 8-K and is incorporated by reference herein. The description of the material terms of the One Hundred-Tenth Supplemental Indenture is qualified in its entirety by reference to such exhibit.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

The Exhibit Index attached to this Form 8-K is incorporated herein by reference.

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 hereunto duly authorized.

NRG Energy, Inc.

By: /s/ David R. Hill

David R. Hill Executive Vice President & General Counsel

March 28, 2014

EXHIBIT INDEX		
Exhibit No.	Document	
4.1	One Hundred-Tenth Supplemental Indenture, dated as of March 24, 2014, among NRG Energy, Inc., the guarantors named therein and Law Debenture Trust Company of New York.	
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ONE HUNDRED-TENTH SUPPLEMENTAL INDENTURE FOR ADDITIONAL SUBSIDIARY GUARANTEES

ONE-HUNDRED TENTH SUPPLEMENTAL INDENTURE (this "Supplemental Indenture for Additional Guarantees"), dated as of March 24, 2014, among Bayou Cove Peaking Power, LLC, a Delaware limited liability company (the "Guaranteeing Subsidiary"), a subsidiary of NRG Energy, Inc., a Delaware corporation (the "Company"), the Company, the Existing Guarantors set forth on the signature pages hereto (the "Existing Guarantors"), and Law Debenture Trust Company of New York, as trustee under the Indenture referred to below (the "Trustee").

WITNESSETH

WHEREAS, the Company has heretofore executed and delivered to the Trustee an indenture (the "Base Indenture"), dated as of February 2, 2006, between the Company and the Trustee, as amended by (i) a twenty-second supplemental indenture (the "Twenty-Second Supplemental Indenture"), dated as of June 5, 2009, among the Company, the Guarantors party thereto and the Trustee, providing for the original issuance of an aggregate principal amount of \$700 million of 8.50% Senior Notes due 2019 (the "8.50% 2019 Initial Notes"), and, subject to the terms of the Twenty-Second Supplemental Indenture, future unlimited issuances of 8.50% Senior Notes due 2019 (the "8.50% 2019 Additional Notes," and together with the 8.50% 2019 Initial Notes, the "8.50% 2019 Notes"), (ii) a thirty-sixth supplemental indenture (the "Thirty-Sixth Supplemental Indenture"), dated as of August 20, 2010, among the Company, the Guarantors party thereto and the Trustee, providing for the original issuance of an aggregate principal amount of \$1,100 million of 8.25% Senior Notes due 2020 (the "2020 Initial Notes"), and, subject to the terms of the Thirty-Sixth Supplemental Indenture, future unlimited issuances of 8.25% Senior Notes due 2020 (the "2020 Additional Notes," and together with the 2020 Initial Notes, the "2020 Notes"), (iii) a forty-second supplemental indenture (the "Forty-Second Supplemental Indenture"), dated as of January 26, 2011, among the Company, the Guarantors party thereto and the Trustee, providing for the original issuance of an aggregate principal amount of \$1,200 million of 7.625% Senior Notes due 2018 (the "2018 Initial Notes"), and, subject to the terms of the Forty-Second Supplemental Indenture, future unlimited issuances of 7.625% Senior Notes due 2018 (the "2018 Additional Notes," and together with the 2018 Initial Notes, the "2018 Notes"), (iv) a fiftieth supplemental indenture (the "Fiftieth Supplemental Indenture"), dated as of May 24, 2011, among the Company, the Guarantors party thereto and the Trustee, providing for the original issuance of an aggregate principal amount of \$800 million of 7.625% Senior Notes due 2019 (the "7.625% 2019 Initial Notes"), and, subject to the terms of the Fiftieth Supplemental Indenture, future unlimited issuances of 7.625% Senior Notes due 2019 (the "7.625% 2019 Additional Notes," and together with the 7.625% 2019 Initial Notes, the "7.625% 2019 Notes"), (v) a fifty-first supplemental indenture (the "Fifty-First Supplemental Indenture"), dated as of May 24, 2011, among the Company, the Guarantors party thereto and the Trustee, providing for the original issuance of an aggregate principal amount of \$1,200 million of 7.875% Senior Notes due 2021 (the "2021 Initial Notes"), and, subject to the terms of the Fifty-First Supplemental Indenture, future unlimited issuances of 7.875% Senior Notes due 2021 (the "2021 Additional Notes," and together with the 2021 Initial Notes, the "2021 Notes"), (vi) a seventieth supplemental indenture (the "Seventieth Supplemental Indenture"), dated as of September 24, 2012, among the Company, the Guarantors party thereto and the Trustee, providing for the original issuance of an aggregate principal amount of \$990 million of 6.625% Senior Notes due 2023 (the "2023 Initial Notes"), and, subject to the terms of the Seventieth Supplemental Indenture, future unlimited issuances of 6.625% Senior Notes due 2023 (the "2023 Additional Notes," and together with the 2023 Initial Notes, the "2023 Notes"), and (vii) a one hundred-ninth supplemental indenture (the "One Hundred-Ninth Supplemental Indenture" and, collectively with the Base Indenture, the Twenty-Second Supplemental Indenture, the Thirty-Sixth Supplemental Indenture, the Forty-Second Supplemental Indenture, the Fiftieth Supplemental Indenture the Fifty-First Supplemental Indenture and the Seventieth Supplemental Indenture, each as further supplemented and amended to the date hereof, the "Indenture"), dated as of January 27, 2014, among the Company, the Guarantors party thereto and the

Trustee, providing for the original issuance of an aggregate principal amount of \$1,100 million of 6.250% Senior Notes due 2022 (the "2022 Initial Notes"), and subject to the terms of the One Hundred-Ninth Supplemental Indenture, future unlimited issuances of 6.250% Senior Notes due 2022 (the "2022 Additional Notes," and together with the 2022 Initial Notes, the "2022 Notes," which, collectively with the 8.50% 2019 Notes, the 2020 Notes, the 2018 Notes, the 7.625% 2019 Notes, the 2021 Notes and the 2023 Notes, are referred to herein as the "Notes");

WHEREAS, the Indenture provides that under certain circumstances the Guaranteeing Subsidiary shall execute and deliver to the Trustee a supplemental indenture pursuant to which the Guaranteeing Subsidiary shall unconditionally guarantee all of the Company's Obligations under the Notes and the Indenture (the "Additional Guarantees"); and

WHEREAS, pursuant to Section 4.17 of each of the Twenty-Second Supplemental Indenture, the Thirty-Sixth Supplemental Indenture, the Forty-Second Supplemental Indenture, the Fiftieth Supplemental Indenture, the Fifty-First Supplemental Indenture and the Seventieth Supplemental Indenture, and Section 4.16 of the One Hundred-Ninth Supplemental Indenture, the Trustee, the Company and the Existing Guarantors are authorized and required to execute and deliver this Supplemental Indenture for Additional Guarantees.

NOW THEREFORE, in consideration of the foregoing and for good and valuable consideration, the receipt of which is hereby acknowledged, the Guaranteeing Subsidiary, the Trustee, the Company and the Existing Guarantors mutually covenant and agree for the equal and ratable benefit of the Holders of the Notes as follows:

1. *Capitalized Terms.* Unless otherwise defined in this Supplemental Indenture for Additional Guarantees, capitalized terms used herein without definition shall have the meanings assigned to them in the Indenture.

2. Agreement to Be Bound; Guarantees. The Guaranteeing Subsidiary hereby becomes party to the Indenture as a Guarantor and as such will have all of the rights and be subject to all of the Obligations and agreements of a Guarantor under the Indenture. The Guaranteeing Subsidiary hereby agrees to be bound by all of the provisions of the Indenture applicable to a Guarantor and to perform all of the Obligations and agreements of a Guarantor under the Indenture. In furtherance of the foregoing, the Guaranteeing Subsidiary shall be deemed a Guarantor for purposes of Article 10 of each of the Twenty-Second Supplemental Indenture, the Thirty-Sixth Supplemental Indenture, the Forty-Second Supplemental Indenture, the Seventieth Supplemental Indenture and the One Hundred-Ninth Supplemental Indenture, including, without limitation, Section 10.02 thereof.

3. *NEW YORK LAW TO GOVERN.* THE INTERNAL LAW OF THE STATE OF NEW YORK SHALL GOVERN AND BE USED TO CONSTRUE THIS SUPPLEMENTAL INDENTURE FOR ADDITIONAL GUARANTEES BUT WITHOUT GIVING EFFECT TO APPLICABLE PRINCIPLES OF CONFLICTS OF LAW TO THE EXTENT THAT THE APPLICATION OF THE LAWS OF ANOTHER JURISDICTION WOULD BE REQUIRED THEREBY.

4. *Counterparts*. The parties may sign any number of copies of this Supplemental Indenture for Additional Guarantees. Each signed copy shall be an original, but all of them together represent the same agreement.

5. *Effect of Headings*. The Section headings herein are for convenience only and shall not affect the construction hereof.

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6. *The Trustee*. The Trustee shall not be responsible in any manner whatsoever for or in respect of the validity or sufficiency of this Supplemental Indenture for Additional Guarantees or for or in respect of the recitals contained herein, all of which recitals are made solely by the Guaranteeing Subsidiary and the Company.

7. *Ratification of Indenture; Supplemental Indenture for Additional Guarantees Part of Indenture.* Except as expressly amended hereby, the Indenture is in all respects ratified and confirmed and all the terms, conditions and provisions thereof shall remain in full force and effect. This Supplemental Indenture for Additional Guarantees shall form a part of the Indenture for all purposes, and every Holder of Notes heretofore or hereafter authenticated and delivered shall by bound hereby.

[Signatures on following pages]

IN WITNESS WHEREOF, the parties hereto have caused this Supplemental Indenture for Additional Guarantees to be duly executed and attested, all as of the date first above written.

GUARANTEEING SUBSIDIARY:

BAYOU COVE PEAKING POWER, LLC

By: /s/ Lynne Wittkamp

Name:Lynne WittkampTitle:Assistant Secretary

ISSUER:

NRG ENERGY, INC.

By: /s/ Brian Curci

Name: Brian Curci Title: Corporate Secretary

EXISTING GUARANTORS:

ARTHUR KILL POWER LLC ASTORIA GAS TURBINE POWER LLC CABRILLO POWER I LLC CABRILLO POWER II LLC CARBON MANAGEMENT SOLUTIONS LLC CLEAN EDGE ENERGY LLC CONEMAUGH POWER LLC CONNECTICUT JET POWER LLC COTTONWOOD DEVELOPMENT LLC COTTONWOOD GENERATING PARTNERS I LLC COTTONWOOD GENERATING PARTNERS II LLC COTTONWOOD GENERATING PARTNERS III LLC DEVON POWER LLC DUNKIRK POWER LLC EASTERN SIERRA ENERGY COMPANY LLC EL SEGUNDO POWER, LLC EL SEGUNDO POWER II LLC ENERGY PLUS HOLDINGS LLC ENERGY PLUS NATURAL GAS LLC ENERGY PROTECTION INSURANCE COMPANY GREEN MOUNTAIN ENERGY COMPANY (NY COM) LLC GREEN MOUNTAIN ENERGY COMPANY (NY RES) LLC HUNTLEY POWER LLC INDEPENDENCE ENERGY ALLIANCE LLC INDEPENDENCE ENERGY NATURAL GAS LLC INDIAN RIVER OPERATIONS INC. INDIAN RIVER POWER LLC KEYSTONE POWER LLC LANGFORD WIND POWER, LLC MERIDEN GAS TURBINES LLC

MIDDLETOWN POWER LLC MONTVILLE POWER LLC NEO CORPORATION NEO FREEHOLD-GEN LLC NEO POWER SERVICES INC. NORWALK POWER LLC NRG AFFILIATE SERVICES INC. NRG ARTESIAN ENERGY LLC NRG ARTHUR KILL OPERATIONS INC. NRG ASTORIA GAS TURBINE OPERATIONS INC. NRG BAYOU COVE LLC NRG CABRILLO POWER OPERATIONS INC. NRG CALIFORNIA PEAKER OPERATIONS LLC NRG CEDAR BAYOU DEVELOPMENT COMPANY, LLC NRG CONNECTICUT AFFILIATE SERVICES INC. NRG DEVELOPMENT COMPANY INC. NRG DEVON OPERATIONS INC. NRG DISPATCH SERVICES LLC NRG DUNKIRK OPERATIONS INC. NRG EL SEGUNDO OPERATIONS INC. NRG ENERGY SERVICES GROUP LLC NRG GENERATION HOLDINGS, INC. NRG HOME & BUSINESS SOLUTIONS LLC NRG HOME SOLUTIONS PRODUCT LLC NRG HUNTLEY OPERATIONS INC. NRG IDENTITY PROTECT LLC NRG ILION LP LLC NRG INTERNATIONAL LLC NRG MEXTRANS INC. NRG MIDATLANTIC AFFILIATE SERVICES INC. NRG MIDDLETOWN OPERATIONS INC. NRG MONTVILLE OPERATIONS INC. NRG NEW JERSEY ENERGY SALES LLC NRG NORTH CENTRAL OPERATIONS INC. NRG NORTHEAST AFFILIATE SERVICES INC. NRG NORWALK HARBOR OPERATIONS INC. NRG OPERATING SERVICES, INC. NRG OSWEGO HARBOR POWER OPERATIONS INC. NRG PACGEN INC. NRG POWER MARKETING LLC

NRG RENTER'S PROTECTION LLC NRG RETAIL LLC NRG ROCKFORD ACQUISITION LLC NRG SAGUARO OPERATIONS INC. NRG SECURITY LLC NRG SERVICES CORPORATION NRG SIMPLYSMART SOLUTIONS LLC NRG SOUTH CENTRAL AFFILIATE SERVICES INC. NRG SOUTH CENTRAL GENERATING LLC NRG SOUTH CENTRAL OPERATIONS INC. NRG TEXAS C&I SUPPLY LLC NRG UNEMPLOYMENT PROTECTION LLC NRG WARRANTY SERVICES LLC NRG WEST COAST LLC NRG WESTERN AFFILIATE SERVICES INC. O'BRIEN COGENERATION, INC. II ONSITE ENERGY, INC. OSWEGO HARBOR POWER LLC RERH HOLDINGS, LLC SAGUARO POWER LLC SOMERSET OPERATIONS INC. SOMERSET POWER LLC US RETAILERS LLC VIENNA OPERATIONS INC. VIENNA POWER LLC WCP (GENERATION) HOLDINGS LLC WEST COAST POWER LLC

By: /s/ Lynne Wittkamp

Name: Lynne Wittkamp Title: Assistant Secretary

COTTONWOOD ENERGY COMPANY LP By: Cottonwood Generating Partners I LLC, its General Partner

By:	/s/ Lynne Wittkamp	
	Name:	Lynne Wittkamp
	Title:	Assistant Secretary

COTTONWOOD TECHNOLOGY PARTNERS LP By: Cottonwood Generating Partners I LLC, its General Partner

By: /s/ Lynne Wittkamp Name: Lynne Wittkamp Title: Assistant Secretary

ELBOW CREEK WIND PROJECT LLC

By:	y: /s/ Lynne Wittkamp	
	Name:	Lynne Wittkamp
	Title:	Assistant Secretary

GCP FUNDING COMPANY, LLC

By:	y: /s/ Elizabeth McCormack		
	Name:	Elizabeth McCormack	
	Title:	Assistant Secretary	

GREEN MOUNTAIN ENERGY COMPANY

By: /s/ G. Gary Garcia Name: G. C

Name:G. Gary GarciaTitle:Vice President, Treasury

NRG CONSTRUCTION LLC

By:	/s/ Gaetan Frotte		
	Name:	Gaetan Frotte	
	Title:	Vice President and Treasurer	

ACE ENERGY, INC.
ALLIED WARRANTY LLC
BIDURENERGY, INC.
ENERGY CURTAILMENT SPECIALISTS, INC.
LONE STAR A/C & APPLIANCE REPAIR, LLC
NRG CURTAILMENT SOLUTIONS LLC
NRG ENERGY LABOR SERVICES LLC
NRG ENERGY SERVICES LLC
NRG HOME SOLUTIONS LLC
NRG HOMER CITY SERVICES LLC
NRG MAINTENANCE SERVICES LLC
NRG RELIABILITY SOLUTIONS LLC

/s/ Gaetan Frotte		
Name:	Gaetan Frotte	
Title:	Vice President and Treasurer	
	Name:	

NRG ILION LIMITED PARTNERSHIP By: NRG Rockford Acquisition LLC, its General Partner

By:	/s/ Lynne W	/ittkamp
	Name:	Lynne Wittkamp
	Title:	Assistant Secretary

NRG SOUTH TEXAS LP By: Texas Genco GP, LLC, its General Partner

By:	/s/ Elizabeth McCorr	mack
	Name:	Elizabeth McCormack
	Title:	Assistant Secretary

NRG ENERGY SERVICES INTERNATIONAL INC. NRG RETAIL NORTHEAST LLC

By:	/s/ Elizabeth McCorr	nack
	Name:	Elizabeth McCormack
	Title:	Assistant Secretary

TEXAS GENCO SERVICES, LP By: New Genco GP, LLC, its General Partner

By: /s/ G. Gary Garcia

Name:	G. Gary Garcia
Title:	Vice President and Treasurer

EVERYTHING ENERGY LLC RE RETAIL RECEIVABLES, LLC RELIANT ENERGY NORTHEAST LLC RELIANT ENERGY POWER SUPPLY LLC RELIANT ENERGY RETAIL HOLDINGS, LLC RELIANT ENERGY RETAIL SERVICES, LLC INDEPENDENCE ENERGY GROUP LLC

By: /s/ Lynne Wittkamp Name: Lynne Wittkamp Title: Assistant Secretary

ENERGY ALTERNATIVES WHOLESALE, LLC GREGORY PARTNERS, LLC GREGORY POWER PARTNERS LLC NEW GENCO GP, LLC NRG TEXAS GREGORY LLC NRG TEXAS POWER LLC TEXAS GENCO FINANCING CORP. TEXAS GENCO HOLDINGS, INC. TEXAS GENCO GP, LLC TEXAS GENCO OPERATING SERVICES, LLC

By: /s/ G. Gary Garcia

Name:G. Gary GarciaTitle:Vice President and Treasurer

LOUISIANA GENERATING LLC NRG NEW ROADS HOLDINGS LLC NRG TEXAS HOLDING INC.

By: /s/ G. Gary Garcia

Name: G. Gary Garcia Title: Treasurer

TEXAS GENCO LP, LLC

By: /s/ G. Gary Garcia Name: G. Gary

Name: G. Gary Garcia Title: Manager

LAW DEBENTURE TRUST COMPANY OF NEW YORK, as Trustee

By:

/s/ James D. Heaney Name: James D. Heaney Title: Managing Director