UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 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): December 22, 2014

NRG ENERGY, INC.

(Exact name of Registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation)

001-15891 (Commission File Number) **41-1724239** (IRS Employer Identification No.)

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 8.01 Other Events.

On December 22, 2014, Solar Partners I, Solar Partners II and Solar Partners VIII, subsidiaries of NRG Energy, Inc., received cash grants from the U.S. Department of Treasury under the 1603 Cash Grant Program in connection with the Ivanpah solar thermal project in excess of the amounts due under their respective bridge loans. The existing \$159 million bridge loan of Solar Partners I; the existing \$132 million bridge loan of Solar Partners II; and the existing \$117 million bridge loan of Solar Partners VIII are expected to be paid in full on or prior to their respective maturity dates.

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. (Registrant)

By:

/s/ Brian E. Curci Brian E. Curci Corporate Secretary

Dated: December 23, 2014

3