

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

SCHEDULE 13D (Rule 13d-101)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT
TO RULE 13d-1(a) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(a)

Under the Securities Exchange Act of 1934

(Amendment No. 5)*

TERRAFORM POWER, INC.

(Name of Issuer)

Class A Common Stock, \$0.01 par value

(Title of Class of Securities)

88104R100

(CUSIP Number)

Ken Maiman
Appaloosa LP
51 John F. Kennedy Parkway, 2nd Floor
Short Hills, New Jersey 07078
Tel. No.: (973) 701-7000

with a copy to:

Lawrence M. Rolnick, Esq.
Steven E. Siesser, Esq.
Lowenstein Sandler LLP
1251 Avenue of the Americas, 17th Floor
New York, New York 10020

(Name, Address and Telephone Number of Person
Authorized to Receive Notices and Communications)

May 5, 2016

(Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. []

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for other parties to whom copies are to be sent.

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Exchange Act") or otherwise subject to the liabilities of that section of the Exchange Act but shall be subject to all other provisions of the Exchange Act (however, see the Notes).

1 NAMES OF REPORTING PERSONS.Appaloosa Investment Limited Partnership I

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP(a) (b) **3** SEC USE ONLY

4 SOURCE OF FUNDS: WC

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e): **6** CITIZENSHIP OR PLACE OF ORGANIZATION: Delaware

NUMBER OF
SHARES BENEFICIALLY
OWNED BY
EACH REPORTING
PERSON WITH**7** SOLE VOTING POWER:**8** SHARED VOTING POWER:3,724,799

9 SOLE DISPOSITIVE POWER:**10** SHARED DISPOSITIVE POWER:3,724,799

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON: 3,724,799

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES **13** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11): 4.08%⁽¹⁾

14 TYPE OF REPORTING PERSON: PN

⁽¹⁾ The percentage set forth in Row 13 of this Cover Page is based on the 91,280,208 shares of Class A Common Stock (as defined herein) of the Issuer (as defined herein) outstanding as of April 21, 2016, based on information provided by the Issuer on May 5, 2016. See also *In re SunEdison, Inc., et al.*, No. 16-10992, (Bankr. S.D.N.Y. 2016) (“As of [April 21, 2016], TERP had 91,280,208 Class A shares outstanding...”).

CUSIP No. 88104R100

1 NAMES OF REPORTING PERSONS.

Palomino Master Ltd.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a)
(b)

3 SEC USE ONLY

4 SOURCE OF FUNDS: WC

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e):

6 CITIZENSHIP OR PLACE OF ORGANIZATION: British Virgin Islands

NUMBER OF
SHARES BENEFICIALLY
OWNED BY
EACH REPORTING
PERSON WITH

7 SOLE VOTING POWER:

8 SHARED VOTING POWER:

4,983,909

9 SOLE DISPOSITIVE POWER:

10 SHARED DISPOSITIVE POWER:

4,983,909

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON: 4,983,909

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11): 5.46%⁽¹⁾

14 TYPE OF REPORTING PERSON: CO

⁽¹⁾ The percentage set forth in Row 13 of this Cover Page is based on the 91,280,208 shares of Class A Common Stock of the Issuer outstanding as of April 21, 2016, based on information provided by the Issuer on May 5, 2016. *See also In re SunEdison, Inc., et al.*, No. 16-10992, (Bankr. S.D.N.Y. 2016) (“As of [April 21, 2016], TERP had 91,280,208 Class A shares outstanding...”).

1 NAMES OF REPORTING PERSONS.

Appaloosa LP

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP(a) (b) **3** SEC USE ONLY**4** SOURCE OF FUNDS: WC**5** CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e): **6** CITIZENSHIP OR PLACE OF ORGANIZATION: DelawareNUMBER OF
SHARES BENEFICIALLY
OWNED BY
EACH REPORTING
PERSON WITH**7** SOLE VOTING POWER:**8** SHARED VOTING POWER:

8,708,708

9 SOLE DISPOSITIVE POWER:**10** SHARED DISPOSITIVE POWER:

8,708,708

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON: 8,708,708**12** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES **13** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11): 9.54%⁽¹⁾**14** TYPE OF REPORTING PERSON: PN

⁽¹⁾ The percentage set forth in Row 13 of this Cover Page is based on the 91,280,208 shares of Class A Common Stock of the Issuer outstanding as of April 21, 2016, based on information provided by the Issuer on May 5, 2016. See also *In re SunEdison, Inc., et al.*, No. 16-10992, (Bankr. S.D.N.Y. 2016) (“As of [April 21, 2016], TERP had 91,280,208 Class A shares outstanding...”).

1 NAMES OF REPORTING PERSONS.

Appaloosa Capital Inc.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP(a) (b) **3** SEC USE ONLY**4** SOURCE OF FUNDS: WC**5** CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e): **6** CITIZENSHIP OR PLACE OF ORGANIZATION: DelawareNUMBER OF
SHARES BENEFICIALLY
OWNED BY
EACH REPORTING
PERSON WITH**7** SOLE VOTING POWER:**8** SHARED VOTING POWER:

8,708,708

9 SOLE DISPOSITIVE POWER:**10** SHARED DISPOSITIVE POWER:

8,708,708

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON: 8,708,708**12** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES **13** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11): 9.54%⁽¹⁾**14** TYPE OF REPORTING PERSON: CO

⁽¹⁾ The percentage set forth in Row 13 of this Cover Page is based on the 91,280,208 shares of Class A Common Stock of the Issuer outstanding as of April 21, 2016, based on information provided by the Issuer on May 5, 2016. See also *In re SunEdison, Inc., et al.*, No. 16-10992, (Bankr. S.D.N.Y. 2016) (“As of [April 21, 2016], TERP had 91,280,208 Class A shares outstanding...”).

1 NAMES OF REPORTING PERSONS.

Appaloosa Management L.P.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP(a) (b) **3** SEC USE ONLY**4** SOURCE OF FUNDS: WC**5** CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e): **6** CITIZENSHIP OR PLACE OF ORGANIZATION: DelawareNUMBER OF
SHARES BENEFICIALLY
OWNED BY
EACH REPORTING
PERSON WITH**7** SOLE VOTING POWER:**8** SHARED VOTING POWER:

3,724,799

9 SOLE DISPOSITIVE POWER:**10** SHARED DISPOSITIVE POWER:

3,724,799

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON: 3,724,799**12** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES **13** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11): 4.8%⁽¹⁾**14** TYPE OF REPORTING PERSON: PN

⁽¹⁾ The percentage set forth in Row 13 of this Cover Page is based on the 91,280,208 shares of Class A Common Stock of the Issuer outstanding as of April 21, 2016, based on information provided by the Issuer on May 5, 2016. See also *In re SunEdison, Inc., et al.*, No. 16-10992, (Bankr. S.D.N.Y. 2016) (“As of [April 21, 2016], TERP had 91,280,208 Class A shares outstanding...”).

1 NAMES OF REPORTING PERSONS.

Appaloosa Partners Inc.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP(a) (b) **3** SEC USE ONLY**4** SOURCE OF FUNDS: WC**5** CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e): **6** CITIZENSHIP OR PLACE OF ORGANIZATION: DelawareNUMBER OF
SHARES BENEFICIALLY
OWNED BY
EACH REPORTING
PERSON WITH**7** SOLE VOTING POWER:**8** SHARED VOTING POWER:

3,724,799

9 SOLE DISPOSITIVE POWER:**10** SHARED DISPOSITIVE POWER:

3,724,799

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON: 3,724,799**12** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES **13** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11): 4.08%⁽¹⁾**14** TYPE OF REPORTING PERSON: CO

⁽¹⁾ The percentage set forth in Row 13 of this Cover Page is based on the 91,280,208 shares of Class A Common Stock of the Issuer outstanding as of April 21, 2016, based on information provided by the Issuer on May 5, 2016. See also *In re SunEdison, Inc., et al.*, No. 16-10992, (Bankr. S.D.N.Y. 2016) (“As of [April 21, 2016], TERP had 91,280,208 Class A shares outstanding...”).

1 NAMES OF REPORTING PERSONS.

David A. Tepper

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP(a) (b) **3** SEC USE ONLY**4** SOURCE OF FUNDS: WC**5** CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e): **6** CITIZENSHIP OR PLACE OF ORGANIZATION: United States of AmericaNUMBER OF
SHARES BENEFICIALLY
OWNED BY
EACH REPORTING
PERSON WITH**7** SOLE VOTING POWER:**8** SHARED VOTING POWER:

8,708,708

9 SOLE DISPOSITIVE POWER:**10** SHARED DISPOSITIVE POWER:

8,708,708

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON: 8,708,708**12** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES **13** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11): 9.54%⁽¹⁾**14** TYPE OF REPORTING PERSON: IN

⁽¹⁾ The percentage set forth in Row 13 of this Cover Page is based on the 91,280,208 shares of Class A Common Stock of the Issuer outstanding as of April 21, 2016, based on information provided by the Issuer on May 5, 2016. *See also In re SunEdison, Inc., et al.*, No. 16-10992, (Bankr. S.D.N.Y. 2016) (“As of [April 21, 2016], TERP had 91,280,208 Class A shares outstanding...”).

This Amendment No. 5 to Schedule 13D (this "Amendment") is being filed to update the Schedule 13D filed on April 1, 2016. The Reporting Persons filed a Schedule 13D on April 1, 2016, based on the outstanding number of shares of Class A Common Stock as of October 31, 2015, as reported in the Issuer's Form 10-Q filed with the Securities and Exchange Commission on November 9, 2015. As of May 5, 2016, the Issuer had not publicly updated its outstanding number of shares of Class A Common Stock, since that prior Form 10-Q filing. However, the Issuer's controlling shareholder, SunEdison, Inc., was aware of and was party to the December 29, 2015 transaction which resulted in, the increase in the number of the Issuer's outstanding shares of the Class A Common Stock, and SunEdison, Inc. disclosed the increased share number in its bankruptcy filing on April 21, 2016.

As of the date of this Amendment, the Issuer still has not filed any periodic report disclosing the increased number of shares of its Class A Common Stock. On May 5, 2016, representatives of the Issuer informed the Reporting Persons in a telephonic conversation that as of January 29, 2016, it had 92,194,966 shares of Class A Common Stock outstanding, and that as of April 21, 2016, it had 91,280,208 shares of Class A Common Stock outstanding. Accordingly, the Reporting Persons are filing this Amendment to report a decrease in their percentage ownership (but not a change of beneficial ownership) of the Class A Common Stock resulting solely from a previously unreported increase in the number of outstanding shares of Class A Common Stock. Except as specifically provided herein, this Amendment does not modify or amend any of the information previously reported in the Schedule 13D.

ITEM 3. Source and Amount of Funds or Other Consideration.

Item 3 of the prior Schedule 13D is hereby amended and restated in its entirety to read as follows:

As of May 5, 2016: (i) AILP owns 3,724,799 shares of Class A Common Stock, representing approximately 4.08% of the issued and outstanding shares of Class A Common Stock as of that date, which were acquired with the working capital of AILP; and (ii) Palomino Master owns 4,983,909 shares of Class A Common Stock, representing approximately 5.46% of the issued and outstanding shares of Class A Common Stock as of that date, which were acquired with the working capital of Palomino Master.

ITEM 5. Interest in Securities of the Issuer.

Item 5 of the prior Schedule 13D is hereby amended and restated in its entirety to read as follows:

All percentages set forth in this Schedule 13D are based on a total of 91,280,208 shares of Class A Common Stock of the Issuer outstanding as of April 21, 2016, based on information provided by the Issuer on May 5, 2016.

SIGNATURES

After reasonable inquiry and to the best of my knowledge and belief, the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: May 13, 2016

APPALOOSA INVESTMENT LIMITED PARTNERSHIP I

By: APPALOOSA LP,
Its Investment Adviser

By: APPALOOSA CAPITAL INC.,
Its General Partner

By: /s/ David A. Tepper
Name: David A. Tepper
Title: President

PALOMINO MASTER LTD.

By: APPALOOSA LP,
Its Investment Adviser

By: APPALOOSA CAPITAL INC.,
Its General Partner

By: /s/ David A. Tepper
Name: David A. Tepper
Title: President

APPALOOSA LP

By: APPALOOSA CAPITAL INC.,
Its General Partner

By: /s/ David A. Tepper
Name: David A. Tepper
Title: President

APPALOOSA CAPITAL INC.

By: /s/ David A. Tepper
Name: David A. Tepper
Title: President

APPALOOSA MANAGEMENT L.P.

By: APPALOOSA PARTNERS INC.,
Its General Partner

By: /s/ David A. Tepper
Name: David A. Tepper
Title: President

APPALOOSA PARTNERS INC.

By: /s/ David A. Tepper
Name: David A. Tepper
Title: President

/s/ David A. Tepper
David A. Tepper