

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

FORM 12b-25
NOTIFICATION OF LATE FILING

Commission File Number: 001-36542

(Check One): Form 10-K Form 20-F Form 11-K Form 10-Q
 Form 10-D Form N-SAR Form N-CSR

For Period Ended: December 31, 2015

Transition Report on Form 10-K Transition Report on Form 20-F
 Transition Report on Form 11-K Transition Report on Form 10-K
 Transition Report on Form N-SAR

Form the transition period ended:

If the notification relates to a portion of the filing checked above, identify the Item(s) to which the notification relates:

PART I – REGISTRANT INFORMATION

TerraForm Power, Inc.
Full Name of Registrant

Former Name if Applicable

7550 Wisconsin Avenue, 9th Floor.
Address of Principal Executive Office (Street and Number)

Bethesda, Maryland, 20814
City, State and Zip Code

PART II – RULES 12b-25 (b) and (c)

If the subject report could not be filed without unreasonable effort or expense and the registrant seeks relief pursuant to Rule 12b-25 (b), the following should be completed. (Check box if appropriate)

- (a) The reasons described in reasonable detail in Part III of this form could not be eliminated without unreasonable effort or expense;
- x (b) The subject annual report, semi-annual report, transition report on Form 10-K, Form 20-F, Form 11-K, Form N-SAR or Form N-CSR, or portion thereof, will be filed on or before the fifteenth calendar day following the prescribed due date; or the subject quarterly report or transition report on Form 10-Q or subject distribution report on Form 10-D, or portion thereof, will be filed on or before the fifth calendar day following the prescribed due date; and
- (c) The accountant's statement or other exhibit required by Rule 12b-25(c) has been attached if applicable.

PART III – NARRATIVE

TerraForm Power, Inc. (the "Company") is unable to timely file its Form 10-K Annual Report for the year ended December 31, 2015 (the Form 10-K) without unreasonable effort and expense. The Company's delay in filing the Form 10-K for the year ended December 31, 2015, is due principally to the need to complete all steps and tasks necessary to finalize the Company's annual financial statements and other disclosures required to be in the filing.

The Company intends to file the Form 10-K within the 15 calendar day period set forth in Rule 12b-25(b) under the Securities Exchange Act of 1934, as amended.

PART IV OTHER INFORMATION

- (1) Name and telephone number of person to contact in regard to this notification
Rebecca Cranna, 240-762-7700
 - (2) Have all other periodic reports required under Section 13 or 15(d) or the Securities Exchange Act of 1934 or Section 30 of the Investment Company Act of 1940 during the preceding 12 months or for such shorter period that the registrant was required to file such report(s) been filed? If the answer is no, identify report(s).

x Yes o No
 - (3) Is it anticipated that any significant change in results of operations from the corresponding period for the last fiscal year will be reflected by the earnings statements to be included in the subject report or portion thereof?

o Yes x No
- If so: attach an explanation of the anticipated change, both narratively and quantitatively, and, if appropriate, state the reasons why a reasonable estimate of the results cannot be made.

TerraForm, Power Inc.
(Name of Registrant as Specified in Charter)

has caused this notification to be signed on its behalf by the undersigned thereunto duly authorized.

Date: February 29, 2016

By: /s/ Rebecca Cranna
Executive Vice President & Chief Financial
Officer