SUNEDISON, INC. Form SC 13G February 17, 2015

#### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No.)										
SUNEDISON INC										
	(NAME OF ISSUER)									
	Common Stock (Par Value \$0.01)									
		(TITLE OF CLASS OF SECURITIES)								
	86732Y109									
		(CUSIP NUMBER)								
December 31, 2014										
		(Date of Event Which Requires Filing of this Statement)								
Check		appropriate box to designate the rule pursuant to which this Schedule								
x   _	Rule Rule	13d-1(b) 13d-1(c) 13d-1(d)								
	1.	Names of Reporting Persons.								
		Deutsche Bank AG*								
	2.	Check the Appropriate Box If a Member of a Group (See Instructions)  (a)  _   (b)  _								
	3.	SEC Use Only								
	4.	Citizenship or Place of Organization								
		Federal Republic of Germany								

16,901,557

	OF							
MIMDED		6.	SHARED VOTING POWER					
NUMBER OF SHARES			0					
BENEFICI OWNED BY	EACH	7.	SOLE DISPOSITIVE POWER					
REPORTI PERSON W			16,901,557					
		8.	SHARED DISPOSITIVE POWER					
			0					
9.	Aggregate	Amou	unt Beneficially Owned by Each Reporting Person					
	16,901,55	57**						
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)  _							
11.	Percent o	of Cla	ass Represented by Amount in Row (9)					
	6.20%							
12.	Type of F	Report	ing Person					
	FI							
securities Consistent this filing Section 13 the filing beneficial employees investment partner, of persons of	s, if any, with Rul ng shall r B(d) under g. Further ly owned have voti entities or other n	bene e 130 not be the rmore, by (i ng or s, of nanage CB&S.	ates (collectively, "DBAG"). This filing does not reflect efficially owned by any other business group of DBAG. d-4 under the Securities Exchange Act of 1934 ("Act"), a construed as an admission that CB&S is, for purposes of Act, the beneficial owner of any securities covered by CB&S disclaims beneficial ownership of the securities i) any client accounts with respect to which CB&S or its investment discretion, or both, and (ii) certain which CB&S is the general partner, managing general er, to the extent interests in such entities are held by convertible bonds and call options on "as converted" basis					
1.	Names of	Repor	rting Persons.					
	Deutsche	Bank	Securities Inc.					
2.	Check the (See Inst (a)  _		copriate Box If a Member of a Group ions)					

3.	SEC Use Only						
4.	Citizens	nip o	r Place of Organization				
	Delaware						
		5.	SOLE VOTING POWER				
			5,618,738				
NUMBER	ES IALLY EACH	6.	SHARED VOTING POWER				
SHAR			0				
OWNED BY		7.	SOLE DISPOSITIVE POWER				
PERSON I			5,618,738				
		8.	SHARED DISPOSITIVE POWER				
			0				
9.	Aggregate Amount Beneficially Owned by Each Reporting Person						
	5,618,738**						
10. Check if the Aggregate Amount in Row (9) Excludes Certain Sha (See Instructions)  _							
11.	Percent of Class Represented by Amount in Row (9)						
	2.06%						
12.	Type of Reporting Person						
	CO, BD						
** The to	tal inclu	des c	onvertible bonds and call options on "as converted" basis				
1.	Names of Reporting Persons.						
	Deutsche Bank AG, Frankfurt						
2. Check the Appropriate Box If a Member of a Group (See Instructions) (a)  _  (b)  _							
3.	SEC Use (	Only					
4.	r Place of Organization						

Federal Republic of Germany

		5.	SOLE VOTING POWER					
NUMBER OF SHARES			3,200					
		6.	SHARED VOTING POWER					
			0					
BENEFICI OWNED BY	EACH ING	7.	SOLE DISPOSITIVE POWER					
REPORTI PERSON V			3,200					
		8.	SHARED DISPOSITIVE POWER					
			0					
9.	Aggregate Amount Beneficially Owned by Each Reporting Person							
	3,200							
10.	. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)  _							
11.	Percent of Class Represented by Amount in Row (9)							
	0.00%							
12.	Type of Reporting Person							
	BK, CO							
1.	Names of Reporting Persons.							
	Deutsche Bank AG, London Branch							
2.	Check the Appropriate Box If a Member of a Group (See Instructions)							
	(a)  _	LIUCL	TOHS)					
	(b)  _							
3. SEC Use Only								
4.	Citizens	 hip o	r Place of Organization					
	Great Britain							
		5.	SOLE VOTING POWER					
			11,279,619					
NUMBER	OF	6.	SHARED VOTING POWER					
SHARE BENEFICI			0					
OWNED BY	EACH	7.	SOLE DISPOSITIVE POWER					

REPORTING PERSON WITH

11,279,619

8. SHARED DISPOSITIVE POWER

0

- \_\_\_\_\_\_
  - 9. Aggregate Amount Beneficially Owned by Each Reporting Person

11,279,619\*\*

- \_\_\_\_\_\_
  - 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) |\_|
  - .\_\_\_\_\_
  - 11. Percent of Class Represented by Amount in Row (9)

4.14%

- -----
- 12. Type of Reporting Person

BK, CO

·

- $^{\star\star}$  The total includes convertible bonds and call options on "as converted" basis
- \_\_\_\_\_

Item 1.

(a) Name of Issuer:

SUNEDISON INC

(b) Address of Issuer's Principal Executive Offices:

13736 Riverport Dr. Maryland Heights, MO 63043 United States

Item 2.

(a) Name of Person Filing:

This statement is filed on behalf of Deutsche Bank AG ("Reporting Person").

(b) Address of the Principal Office or, if none, residence:

Taunusanlage 12 60325 Frankfurt am Main Federal Republic of Germany

(c) Citizenship:

The citizenship of the Reporting Person is set forth on the cover page.

(d) Title of Class of Securities:

The title of the securities is common stock, \$0.01 par value ("Common Stock").

(e) CUSIP Number:

The CUSIP number of the Common Stock is set forth on the cover page.

Item 3. If this statement is filed pursuant to SS.240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

(a) |X| Broker or dealer registered under section 15 of the Act (15 U.S.C. 780).

Deutsche Bank Securities Inc.

(b) |X| Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).

Deutsche Bank AG, London Branch Deutsche Bank AG, Frankfurt

- (c)  $\mid$  Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).
- (d) |\_| Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).
- (e) |\_| An investment adviser in accordance with S.240.13d-1(b)(1)(ii)(E);
- (f) |\_| An employee benefit plan or endowment fund in accordance with 5.240.13d-1 (b) (1) (ii) (F);
- (g) |\_| A parent holding company or control person in accordance with S. 240.13d-1(b)(1)(ii)(G);
- (h)  $|\_|$  A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) |\_| A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) |X| A non-U.S. institution in accordance with Group, in accordance with Rule 13d-1 (b)(1)(ii)(J).
- (k)  $|\_|$  Group, in accordance with S.240.13d-1(b)(1)(ii)(J).

Item 4. Ownership.

(a) Amount beneficially owned:

The Reporting Person owns the amount of the Common Stock as set forth on the cover page.

(b) Percent of class:

The Reporting Person owns the percentage of the Common Stock as set forth on the cover page.

- (c) Number of shares as to which such person has:
  - (i) Sole power to vote or to direct the vote

The Reporting Person has the sole power to vote or to direct the vote of the Common Stock as set forth on the cover page.

(ii) Shared power to vote or to direct the vote

The Reporting Person has the shared power to vote or to direct the vote of the Common Stock as set forth on the cover page.

(iii) Sole power to dispose or to direct the disposition of

The Reporting Person has the sole power to dispose or to direct the disposition of the Common Stock as set forth on the cover page.

(iv) Shared power to dispose or to direct the disposition

The Reporting Person has the shared power to dispose or to direct the disposition of the Common Stock as set forth on the cover page.

Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following  $|\_|$ .

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person.

Subsidiary Item 3 Classification

Deutsche Bank Securities Inc. Broker Dealer

Deutsche Bank AG, Frankfurt Bank

Deutsche Bank AG, London Branch Bank

Item 8. Identification and Classification of Members of the Group

Not applicable.

Item 9. Notice of Dissolution of Group

Not applicable.

Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the foreign regulatory scheme applicable to a bank organized under the laws of the Federal Republic of Germany is substantially comparable to the regulatory scheme applicable to the functionally equivalent U.S. institution. I also undertake to furnish to the Commission staff, upon request, information that would otherwise be disclosed in a Schedule 13D.

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

Dated: February 17, 2015

Deutsche Bank AG

By: /s/ Daniela Pondeva
Name: Daniela Pondeva
Title: Assistant Vice President