ABB LTD Form 3 January 24, 2011

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

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement ECOTALITY, INC. [ECTY] ABB Technology Ventures (Month/Day/Year) Ltd. 01/13/2011 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) AFFOLTERNSTRASSE 44, P.O. (Check all applicable) BOX 1831. CH-8050 (Street) 6. Individual or Joint/Group Director _X_ 10% Owner Officer Other Filing(Check Applicable Line) (give title below) (specify below) Form filed by One Reporting ZURICH. _X_ Form filed by More than One SWITZERLAND, V8Â Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 1. Title of Security 2. Amount of Securities 3. 4. Nature of Indirect Beneficial Beneficially Owned (Instr. 4) Ownership Ownership (Instr. 4) (Instr. 5) Form: Direct (D) or Indirect (I) (Instr. 5) Â Common Stock $2,604,167 \stackrel{(1)}{=}$ D Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
			Derivative	Security:	

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Date Expiration Title Direct (D) Amount or Security Exercisable Date Number of or Indirect Shares (I) (Instr. 5) 1,041,667 Common 01/13/2011 01/12/2016 Â Warrant \$ 4.91 D Stock (1)(2)

Reporting Owners

Relationships Reporting Owner Name / Address Director 10% Owner Officer Other ABB Technology Ventures Ltd. AFFOLTERNSTRASSE 44, P.O. BOX 1831 Â ÂX Â CH-8050 ZURICH, SWITZERLAND, V8Â **ABB LTD** AFFOLTERNSTRASSE 44, P.O. BOX 1831 Â Â ÂX CH-8050 ZURICH, SWITZERLAND, V8Â

Signatures

/s/ Girish 01/24/2011 Nadkarni **Signature of Reporting Date Person /s/ Natascia 01/24/2011 Rubinic **Signature of Reporting Date Person /s/ Richard A. 01/24/2011 Brown **Signature of Reporting Date Person /s/ Diane de Saint 01/24/2011 Victor **Signature of Reporting Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

ABB Ltd owns all of ABB Asea Brown Boveri Ltd. By virtue of ABB Ltd's relationship with ABB Asea Brown Boveri Ltd, ABB Ltd may be deemed to have voting and dispositive power with respect to all of the shares beneficially owned by ABB Asea Brown Boveri Ltd. ABB Asea Brown Boveri Ltd. By virtue of ABB Asea Brown Boveri Ltd's relationship with ABB Technology Ventures Ltd, ABB Asea Brown Boveri Ltd, may be deemed to have voting and dispositive power with respect to all of the shares beneficially owned by ABB Technology Ventures Ltd. ABB Ltd and ABB Asea Brown Boveri Ltd disclaim beneficial ownership of the securities held by ABB Technology Ventures Ltd except to the extent of their pecuniary interest therein.

Reporting Owners 2

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- Under the Warrant, ABB Tech is entitled to purchase 1,041,667 shares of Common Stock issuable upon exercise of the Warrant. The number of shares of Common Stock issuable upon exercise of the Warrant is subject to limitation to the extent necessary to insure that, following such exercise (or other issuance), the total number of shares of Common Stock then beneficially owned by the holder of the
- (2) Warrant and any other persons whose beneficial ownership of Common Stock would be aggregated with the holder's for purposes of Nasdaq Rule 5635, does not exceed 19.99% of the number of shares of the Common Stock outstanding immediately after giving effect to such issuance. As of the date of this filing, ABB Technology Ventures Ltd is entitled to purchase 126,958 shares of Common Stock issuable upon exercise of the Warrant.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.