

Ascent Solar Technologies, Inc.
 Form 3
 March 22, 2007

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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 Person * Å Norsk Hydro Produksjon AS (Last) (First) (Middle) DRAMMENSVEIEN 264 (Street) OSLO, Å Q8 Å N-0240 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 03/13/2007	3. Issuer Name and Ticker or Trading Symbol Ascent Solar Technologies, Inc. [ASTI]	4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer <input type="checkbox"/> Other (give title below) (specify below)	5. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) <input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person
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Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock, Par Value \$0.0001 per Share	1,600,000 ⁽¹⁾	D	Å
Common Stock, Par Value \$0.0001 per Share	1,600,000 ⁽¹⁾	I	Norsk Hydro Produksjon is a wholly-owned subsidiary of Norsk Hydro ASA.

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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	4. Conversion or Exercise	5. Ownership Form of	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Price of Derivative Security	Derivative Security: Direct (D) or Indirect (I)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Norsk Hydro Produksjon AS DRAMMENSVEIEN 264 OSLO, Q8 N-0240	Â	Â X	Â	Â
NORSK HYDRO A S A DRAMMENSVEIEN 264 OSLO, Q8 N-0240	Â	Â X	Â	Â

Signatures

By /s/ J?rgen C. Arentz Rostrup Name: J?rgen C. Arentz Rostrup Title: Chief Executive Officer 03/22/2007

__Signature of Reporting Person Date

By /s/ J?rgen C. Arentz Rostrup Name: J?rgen C. Arentz Rostrup Title: Senior Vice President 03/22/2007

__Signature of Reporting Person 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).
- (1) Norsk Hydro Produksjon AS directly owns 1,600,000 shares of Common Stock of the Issuer. As Norsk Hydro ASA owns 100% of the common stock of Norsk Hydro Produksjon AS, Norsk Hydro ASA may therefore be deemed to beneficially own the Common Stock directly owned by Norsk Hydro Produksjon AS. The filing of this Form 3, however, should not be construed as an admission that Norsk Hydro ASA is the beneficial owner of any of the Common Stock directly owned by Norsk Hydro Produksjon AS.

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.