

Ascent Solar Technologies, Inc.
Form 4
September 17, 2007

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN 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 *
ITN Energy Systems, Inc.

2. Issuer Name and Ticker or Trading Symbol
Ascent Solar Technologies, Inc.
[ASTI]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction
(Month/Day/Year)

____ Director
____ Officer (give title below)
__X__ 10% Owner
____ Other (specify below)

8130 SHAFFER PARKWAY

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
__X__ Form filed by One Reporting Person
____ Form filed by More than One Reporting Person

(Street)

LITTLETON, CO 80127

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	09/17/2007		S ⁽¹⁾		700	D	\$ 9.85 1,003,300
Common Stock	09/17/2007		S ⁽¹⁾		500	D	\$ 9.88 1,002,800
Common Stock	09/17/2007		S ⁽¹⁾		487	D	\$ 9.9 1,002,313
Common Stock	09/17/2007		S ⁽¹⁾		713	D	\$ 9.91 1,001,600
Common Stock	09/17/2007		S ⁽¹⁾		100	D	\$ 9.92 1,001,500

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Common Stock	09/17/2007	<u>S</u> (1)	2,300	D	\$ 9.93	999,200	D
Common Stock	09/17/2007	<u>S</u> (1)	800	D	\$ 9.94	998,400	D
Common Stock	09/17/2007	<u>S</u> (1)	100	D	\$ 9.95	998,300	D
Common Stock	09/17/2007	<u>S</u> (1)	300	D	\$ 9.97	998,000	D
Common Stock	09/17/2007	<u>S</u> (1)	1,700	D	\$ 9.99	996,300	D
Common Stock	09/17/2007	<u>S</u> (1)	1,600	D	\$ 10	994,700	D
Common Stock	09/17/2007	<u>S</u> (1)	1,100	D	\$ 10.01	993,600	D
Common Stock	09/17/2007	<u>S</u> (1)	1,600	D	\$ 10.04	992,000	D

Reminder: Report on a separate line for each class of securities beneficially 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.

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(9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Transaction (Instr. 6)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other

