

Sela Benny  
 Form 4  
 February 12, 2009

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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 \*  
 Sela Benny

2. Issuer Name and Ticker or Trading Symbol  
 ACORN ENERGY, INC. [ACFN]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
 C/O ACORN ENERGY, INC., 4  
 WEST ROCKLAND ROAD,  
 (Street)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 02/12/2009

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 \_\_\_\_ Officer (give title below)  Other (specify below)  
 CEO of dsIT Solutions Ltd.

MONTCHANIN, DE 19710

(City) (State) (Zip)

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

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

**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 Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
|                                 |                                      |  |                                | (A) or (D)  | Code V Amount (D) Price   |  |   |

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

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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 | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of Derivative Securities Acquired | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Security (Instr. 3 and 4) |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|---|--|---|
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|---|--|---|

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| (Instr. 3)    | Price of Derivative Security | (Month/Day/Year) | (Instr. 8) Code | (A) or Disposed of (D) (Instr. 3, 4, and 5) |        | Date Exercisable | Expiration Date | Title        | Amount or Number of Shares |
|---------------|------------------------------|------------------|-----------------|---|--------|------------------|-----------------|--------------|----------------------------|
|               |                              |                  |                 | (A)   | (D)    |                  |                 |              |                            |
| Stock Options | \$ 1.8                       | 02/12/2009       | D               |   | 20,000 | 10/20/2001       | 03/31/2009      | Common Stock | 20,000                     |
| Stock Options | \$ 2.51                      | 02/12/2009       | A               | 20,000                                      |        | 02/12/2009       | 02/12/2011      | Common Stock | 20,000                     |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |         |                            |
|---|---------------|-----------|---------|----------------------------|
|   | Director      | 10% Owner | Officer | Other                      |
| Sela Benny<br>C/O ACORN ENERGY, INC.<br>4 WEST ROCKLAND ROAD,<br>MONTCHANIN, DE 19710 |               |           |         | CEO of dsIT Solutions Ltd. |

## Signatures

/s/ Benny Sela                      02/12/2009  
 \_\_Signature of                      Date  
 Reporting Person

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 4(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) The option was forfeited by mutual agreement of the Reporting Person and the Issuer.
- Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.  
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