

ACORN ENERGY, INC.  
Form 8-K  
August 18, 2009

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

FORM 8-K  
CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported) August 18, 2009

ACORN ENERGY, INC.  
(Exact name of Registrant as Specified in its Charter)

Delaware (State or Other Jurisdiction of Incorporation)	0-19771 (Commission file Number)	22-2786081 (IRS Employer Identification No.)
---	-------------------------------------	--

4 West Rockland Road, Montchanin, Delaware (Address of Principal Executive Offices)	19710 (Zip Code)
---	---------------------

Registrant's telephone number, including area code (302) 656-1707

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-2 under the Exchange Act (17 CFR 240.14a-2)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Section 5 - Corporate Governance and Management

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

Base Salary Increase

An increase in the base salary of Michael Barth, Chief Financial Officer of Acorn Energy, Inc. (the "Company") and DSIT Solutions Ltd. ("DSIT"), from \$150,000 to \$175,000 was approved on August 17, 2009 by the board of directors of the Company and the board of directors of DSIT. The increase is effective retroactively to August 1, 2009. No changes were made to the base salaries of the other named executive officers of the Company.

---

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized on this 18th day of August, 2009.

ACORN ENERGY, INC.

By: /s/ Joe B. Cogdell, Jr.  
Name: Joe B. Cogdell, Jr.  
Title: Vice President, General Counsel and Secretary