Mallard Heather Form 4 March 19, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

1(b).

may continue.

See Instruction

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 * Mallard Heather			2. Issuer Name and Ticker or Trading Symbol ACORN ENERGY, INC. [ACFN]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
C/O ACORN WEST ROCK			(Month/Day/Year) 03/19/2012	Director 10% OwnerX_ Officer (give title Other (specify below) VP, General Counsel, Secretary			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
MONTCHANIN, DE 19710		710	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(61.)	(6)	(7:)					

(City)	(State) (Table Table	e I - Non-D	erivative	Securiti	ies Aco	quired, Disposed o	of, or Beneficial	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution Date, if	3. Transactio	4. Securities Acquired on(A) or Disposed of			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or	7. Nature of Indirect Beneficial Ownership (Instr. 4)
(IIIsu. 3)		any (Month/Day/Year)	(Instr. 8)	(D) (Instr. 3, 4 and 5)				Indirect (I) (Instr. 4)	
					(A) or		Reported Transaction(s) (Instr. 3 and 4)		
			Code V	Amount	(D)	Price	(Ilisti. 3 and 4)		
common stock	03/19/2012		P	1,000	А	\$ 8.99	1,000	D	

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

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

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1. Title of	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transacti Code (Instr. 8)	ofNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			Amou Under Securi (Instr.	rlying	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Mallard Heather C/O ACORN ENERGY, INC. 4 WEST ROCKLAND ROAD MONTCHANIN, DE 19710

VP, General Counsel, Secretary

Signatures

Heather K. Mallard 03/19/2012

**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).

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.

Reporting Owners 2