

“ 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))

Item 5.07 Submission of Matters to a Vote of Security Holders

The Annual Meeting of Stockholders of Acorn Energy, Inc. was held September 11, 2012. Set forth below are the voting results with respect to each of the proposals presented at the Annual Meeting:

Proposal 1 – The stockholders elected, by a plurality of the votes cast, all seven nominees to the Board of Directors to serve until the Annual Meeting of Stockholders in 2013 and until their successors are duly elected and qualified.

Name of Nominee	Total Votes For	Total Votes Withheld	Broker Non-Votes
John A. Moore	9,202,414	52,327	7,129,504
Christopher E. Clouser	9,205,638	49,103	7,129,504
Richard J. Giacco	9,179,520	75,221	7,129,504
Mannie L. Jackson	9,206,773	47,968	7,129,504
Joseph Musanti	9,046,854	207,887	7,129,504
Richard S. Rimer	9,036,143	218,598	7,129,504
Samuel M. Zentman	9,167,801	86,940	7,129,504

Proposal 2 – The stockholders ratified by the affirmative vote of a majority of the votes cast on the proposal, the appointment by the Audit Committee of Friedman LLP as the independent registered public accounting firm for the year ending December 31, 2012.

Total Votes For	Total Votes Against	Total Abstained	Broker Non-Votes
16,358,106	22,145	3,994	0

Proposal 3 – The stockholders approved, in a non-binding advisory vote, the compensation of the Company’s named executive officers.

Total Votes For	Total Votes Against	Total Abstained	Broker Non-Votes
9,019,228	173,948	61,565	7,129,504

Proposal 4 – The stockholders approved by the affirmative vote of a majority of the votes cast on the proposal, an Amendment to the Company’s 2006 Stock Incentive Plan to increase the number of available shares.

Total Votes For	Total Votes Against	Total Abstained	Broker Non-Votes
6,608,618	2,543,252	102,871	7,129,504

Proposal 5 – The stockholders approved by the affirmative vote of a majority of the votes cast on the proposal, an Amendment to the Company’s 2006 Stock Incentive Plan for Non-Employee Directors to increase the number of available shares

Total Votes For	Total Votes Against	Total Abstained	Broker Non-Votes
6,619,498	2,521,470	113,773	7,129,504

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 13th day of September, 2012.

ACORN ENERGY, INC.

By: /s/Heather K. Mallard

Name: Heather K. Mallard

Title: Vice President, General Counsel & Secretary