

O'Rourke John  
 Form 3  
 February 11, 2009

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 * O'Rourke John (Last) (First) (Middle)  1280 LANDMEIER RD (Street)  ELK GROVE VILLAGE, IL 60007 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 02/02/2009	3. Issuer Name and Ticker or Trading Symbol LIME ENERGY CO. [LIME]	4. Relationship of Reporting Person(s) to Issuer  (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other (give title below) (specify below) COO	5. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
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**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Lime Energy Co Common Stock	142,119	D	IL

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

**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.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable      Expiration Date	Title      Amount or Number of			

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				Shares		(I) (Instr. 5)	
Option to purchase Lime Energy Co Common Stock	05/31/2008	05/31/2018	Lime Energy Co Common Stock	8,334	\$ 7.93	D	Â
Option to purchase Lime Energy Co Common Stock	05/31/2009	05/31/2018	Lime Energy Co Common Stock	8,333	\$ 7.93	D	Â
Option to purchase Lime Energy Co Common Stock	05/03/2010	05/31/2018	Lime Energy Co Common Stock	8,333	\$ 7.93	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
O'Rourke John 1280 LANDMEIER RD ELK GROVE VILLAGE, IL 60007	Â	Â	Â COO	Â

## Signatures

Tammy Hogue, by power of attorney  
02/11/2009

Signature of Reporting Person Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 5(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.

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