

ORMAT TECHNOLOGIES, INC.
 Form 4
 April 19, 2010

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 *
 Shiloah Joseph

2. Issuer Name and Ticker or Trading Symbol
 ORMAT TECHNOLOGIES, INC.
 [ORA]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 04/16/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Excutive V.P. Marketing

C/O ORMAT TECHNOLOGIES, INC., 6225 NEIL ROAD
 (Street)

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

RENO, NV 89511

(City) (State) (Zip)

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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SEC 1474 (9-02)

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

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transaction	5. Number of Derivative	6. Date Exercisable and Expiration Date	7. Title and Amount Underlying Security
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Security (Instr. 3)	or Exercise Price of Derivative Security	any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)	(Instr. 3 and 4)				
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock										
Appreciation Right	\$ 29.95	04/16/2010	A		24,000		04/16/2012	04/16/2017	Common Stock	24,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Shiloah Joseph C/O ORMAT TECHNOLOGIES, INC. 6225 NEIL ROAD RENO, NV 89511			Executive V.P. Marketing	

Signatures

Etty Rosner 04/19/2010

**Signature of Reporting Person

Date

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) Includes: (i) 20,000 stock options granted at an exercise price of \$34.13 per share, each exercisable from 04/07/2008 to 04/07/2013; (iii) 24,000 stock options granted at an exercise price of \$42.08 per share, each exercisable from 03/29/2009 to 03/29/2014 and (iii) 24,000 stock options granted at an exercise price of \$45.78 per share, each exercisable from 04/08/2010 to 04/08/2015(iv) 31,200 Stock Appreciation Rigts granted at an exercise price of \$26.84 each exercisable from 03/18/2011 to 03/18/2016

Remarks:

Etty Rosner is signing on behalf of Joseph Shiloah pursuant to a power of attorney dated 09/27/06 filed as an exhibit hereto. 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.