

Benz William Ray  
 Form 3  
 September 28, 2010

**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 * |         |          | 2. Date of Event Requiring Statement |  | 3. Issuer Name <b>and</b> Ticker or Trading Symbol         |  |
| Â Benz William Ray                        |         |          | (Month/Day/Year)                     |  | EnergySolutions, Inc. [ES]                                 |  |
| (Last)                                    | (First) | (Middle) | 09/17/2010                           |  | 4. Relationship of Reporting Person(s) to Issuer           |  |
| 423 WEST 300                              |         |          |                                      |  | 5. If Amendment, Date Original Filed(Month/Day/Year)       |  |
| SOUTH,Â SUITE 200                         |         |          |                                      |  |  |  |
| (Street)                                  |         |          |                                      |  | (Check all applicable)                                     |  |
| SALT LAKE                                 |         |          |                                      |  | ___ Director ___ 10% Owner                                 |  |
| CITY,Â UTÂ 84101                          |         |          |                                      |  | _X_ Officer ___ Other                                      |  |
| (City)                                    | (State) | (Zip)    |                                      |  | (give title below) (specify below)                         |  |
|   |         |          |                                      |  | Interim CFO  |  |
|   |         |          |                                      |  | 6. Individual or Joint/Group Filing(Check Applicable Line) |  |
|   |         |          |                                      |  | _X_ Form filed by One Reporting Person                     |  |
|   |         |          |                                      |  | ___ Form filed by More than One Reporting Person           |  |

**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) |
|---------------------------------|---|--|---|

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 (I) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|  | Date Exercisable      Expiration Date                    | Title      Amount or Number of Shares                                       |  |  |   |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |               |       |
|---|---------------|-----------|---------------|-------|
|   | Director      | 10% Owner | Officer       | Other |
| Benz William Ray<br>423 WEST 300 SOUTH<br>SUITE 200<br>SALT LAKE CITY, UT 84101 | ^             | ^         | ^ Interim CFO | ^     |

## Signatures

/s/ William R. Benz                      09/28/2010

\*\*Signature of Reporting Person                      Date

## Explanation of Responses:

### No securities are beneficially owned

- \* 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).

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### Remarks:

As of the time of the event requiring this statement and as of the date of this Form 3, the R

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.