

FORM 5

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

OMB APPROVAL

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ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

- Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
- Form 3 Holdings Reported
- Form 4 Transactions Reported

| | | |
|--|---|---|
| 1. Name and Address of Reporting Person* Moldow Charles (Last) (First) (Middle) 250 MIDDLEFIELD ROAD (Street) MENLO PARK, CA 94025 (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol Sunrun Inc. [RUN] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) ___ Director ___ X 10% Owner ___ Officer (give title below) ___ Other (specify below) |
| 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2016 | | 6. Individual or Joint/Group Reporting (check applicable line) ___ X ___ Form Filed by One Reporting Person ___ Form Filed by More than One Reporting Person |
| 4. If Amendment, Date Original Filed(Month/Day/Year) | | |

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 at end of Issuer's Fiscal Year (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|------------------------------------|---|---|-----------------------------------|--|------------|--------|---|---|--|
| | | | | Amount | (A) or (D) | Price | | | |
| Common Stock | 05/25/2016 | | G | 18,846 | D | \$ 0 0 | | I | By Moldow Family Trust dated 11/11/2003 (1) |

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

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.

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

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned at End of Issuer's Fiscal Year (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---|--|---|---|-----------------------------------|--|---|-----|--|-----------------|---|--|---|---|
| | | | | | | (A) | (D) | Date Exercisable | Expiration Date | | | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Moldow Charles 250 MIDDLEFIELD ROAD MENLO PARK, CA 94025 | | X | | |

Signatures

| | |
|---|------------|
| /s/ David Singer as Attorney-in-Fact for Charles Moldow | 02/06/2017 |
|---|------------|

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) The shares were held by the Moldow Family Trust. Charles P. Moldow is a trustee of the Moldow Family Trust. The Reporting Person disclaims beneficial ownership of the shares held by the Moldow Family Trust except to the extent of his proportionate pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, *see* Instruction 6 for procedure.

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