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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
WASHINGTON, D.C. 20549

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**FORM 8-K**

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**CURRENT REPORT**

**PURSUANT TO SECTION 13 OR 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934**  
Date of Report (Date of Earliest Event Reported): **October 16, 2019**

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**REAL GOODS SOLAR, INC.**  
(Exact Name of Registrant as Specified in its Charter)

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**Colorado**  
(State or Other Jurisdiction  
of Incorporation)

**001-34044**  
(Commission File Number)

**26-1851813**  
(IRS Employer  
Identification No.)

**110 16<sup>th</sup> Street, Suite 300, Denver, CO 80202**  
(Address of Principal Executive Offices, Including Zip Code)

**Registrant's telephone number, including area code: (303) 222-8300**

**Not Applicable**  
(Former Name or Former Address, if Changed Since Last Report)

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communication pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

**Securities registered pursuant to Section 12(b) of the Securities Exchange Act of 1934: None**

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**Item 7.01. Regulation FD Disclosure.**

Real Goods Solar, Inc. (the “Company”) has posted the attached business update related to the Company’s business to the investor relations section of its website on October 16, 2019. A copy of the business update is attached to this Form 8-K as Exhibit 99.1 and is incorporated herein by reference.

The information under this Item 7.01 and the business update attached hereto as Exhibit 99.1 is being furnished by the Company pursuant to Item 7.01. In accordance with General Instruction B.2 of Form 8-K, the information contained under this Item 7.01 and the business update attached hereto as Exhibit 99.1 shall not be deemed “filed” for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liability of that section. In addition, this information shall not be deemed incorporated by reference into any of the Company’s filings with the Securities and Exchange Commission, except as shall be expressly set forth by specific reference in any such filing.

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits

Exhibit No.	Description
<a href="#">99.1</a>	<a href="#">Business update, dated October 16, 2019</a>

**SIGNATURE**

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.

**REAL GOODS SOLAR, INC.**

By: /s/ Alan Fine

Alan Fine

Chief Financial Officer

Date: October 16, 2019

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## Business Update for 30-Day Period Since Last Conference Call

### *POWERHOUSE™ Division*

Activity from	Network Size	Sales Pipeline	Roofer & Solar Installer P/O	Home Builder P/O	Backlog	Revenue
March 16 <sup>th</sup> – April 15 <sup>th</sup>	262	\$2,225,296	\$22,416	\$0	\$0	\$20,624
April 16 <sup>th</sup> – May 15 <sup>th</sup>	288	6,576,507	215,112	0	172,630	42,482
May 16 <sup>th</sup> – June 15 <sup>th</sup>	310	7,173,558	24,074	4,941,734	5,069,144	69,496
June 16 <sup>th</sup> - July 15 <sup>th</sup>	318	5,541,919	99,803	2,704,037	7,766,816	1,932
July 16 <sup>th</sup> - August 15 <sup>th</sup>	329	15,553,146	182,022	0	7,751,123	60,097
August 16 <sup>th</sup> – September 15 <sup>th</sup>	335	17,131,493	118,201	0	7,802,769	40,129
September 16 <sup>th</sup> – October 15 <sup>th</sup>	340	\$17,730,631	\$140,773	0	7,760,886	\$150,919

### *Solar Division*

	Activity from August 16 <sup>th</sup> - September 15 <sup>th</sup>	Activity from September 16 <sup>th</sup> - October 15 <sup>th</sup>
Sales added to Backlog	\$1,114,090	\$2,292,315
Installation revenue	415,368	779,162
Backlog of signed contracts at reporting date	\$15,396,054	\$16,421,666

### *Glossary:*

**POWERHOUSE™ network** – Participants are homebuilders, local roofers, EPC solar installers and distributors actively offering or being trained to offer POWERHOUSE™.

**POWERHOUSE™ purchase orders** – RGS receives a signed contract for POWERHOUSE™ kits.

**POWERHOUSE™ revenue** – Upon receipt of deposit or full payment, revenue is recognized when the POWERHOUSE™ kit is shipped to the Network Participant.

**POWERHOUSE™ sales pipeline** – Estimated purchase orders from: (i) local roofers and solar installers that have designed a solar system for a homeowner and received a quote from the Company, (ii) homebuilders that have planned their community for solar systems and received a preliminary quote from the Company and (iii) quotes generated for distributors. The Company’s methodology for determining sales pipeline may not be comparable to methodologies used by other companies in determining their sales pipeline amounts. Sales pipeline may not be indicative of future operating results, and projects in RGS Energy’s sales pipeline may not result in an executed contract.

**Backlog** - Represents the dollar amount of revenue that may be recognized in the future from signed contracts without taking into account possible future cancellations. Backlog is not a measure defined by generally accepted accounting principles and is not a measure of contract profitability. The backlog amounts disclosed are net of cancellations received and include anticipated revenues associated with (i) the original contract amounts, and (ii) change orders for which written confirmations have been received. Backlog may not be indicative of future operating results.

**Solar Division** - Consists of Sunetric segment, Small Commercial segment and the run-off of mainland residential.

## Forward Looking Statements

The preliminary financial data discussed above consists of estimates derived from RGS Energy’s internal books and records and have been prepared by, and are the responsibility of, RGS Energy’s management. The preliminary estimates discussed above are subject to the completion of financial closing procedures, final adjustments and other developments that may arise between now and the time the financial results are finalized. Therefore, actual results may differ materially from these estimates and all of these preliminary estimates are subject to change.

This document contains forward-looking statements that involve risks and uncertainties, including statements regarding RGS Energy’s results of operations and financial positions, and RGS Energy’s business and financial strategies. Forward-looking statements are neither historical facts nor assurances of future performance. Instead, they provide RGS Energy’s current beliefs, expectations, assumptions, forecasts, and hypothetical constructs about future events, and include statements regarding our future results of operations and financial position, business strategy, budgets, projected costs, plans and objectives of management for future operations. The words “potential,” “hypothetical,” “estimated,” “will,” “expected,” “future” and similar expressions as they relate to us are intended to identify such forward-looking statements.

Forward-looking statements should not be read as a guarantee of future performance or results and will not necessarily be accurate indications of the times at, or by, which such performance or results will be achieved, if at all. Forward looking statements are subject to risks and uncertainties that could cause actual performance or results to differ materially from those expressed in or suggested by the forward-looking statements. Therefore, RGS Energy cautions you against relying on any of these forward-looking statements.

Key risks and uncertainties that may cause a change in any forward-looking statement or that could cause our actual results and financial condition to differ materially from those indicated in the forward-looking statements include: RGS Energy's ability to manage supply chain in order to have production levels and pricing of the POWERHOUSE™ 3.0 shingles to be competitive; the ability of RGS Energy to realize profitable revenue growth from the sale and installation of POWERHOUSE™ 3.0, and to the extent, anticipated; RGS Energy's ability to realize revenue from backlog and sales pipeline for POWERHOUSE™; RGS Energy's ability to increase the rate of participation within its network; RGS Energy's ability to obtain future purchase orders for POWERHOUSE™ deliveries; whether RGS Energy will realize increased market penetration from its brand and network supporting activities; competition in the built-in photovoltaic solar system business; RGS Energy's ability to successfully implement its revenue growth strategy, achieve its target level of sales, generate cash flow from operations, and achieve break-even and better results; and the adequacy of, and access to, capital necessary to implement its revenue growth strategy; and other risks and uncertainties included in the RGS Energy's filings with the SEC

You should read the section entitled "Risk Factors" in our 2018 Annual Report on Form 10-K and in our Quarterly Report on Form 10-Q for the quarter ended March 31, 2019 and June 30, 2019, each of which has been filed with the Securities and Exchange Commission, which identify certain of these and additional risks and uncertainties. Any forward-looking statements made by us in this presentation speak only as of the date of this presentation. Factors or events that could cause our actual results to differ may emerge from time to time, and it is not possible for us to predict all of them. We do not undertake any obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future developments or otherwise, except as may be required by law.

POWERHOUSE™ is a trademark of The Dow Chemical Company, used under license.

RGS Energy is the Company's registered trade name. The Company files periodic and other reports with the Securities and Exchange Commission under its official name "Real Goods Solar, Inc."