

Solar Senior Capital Ltd.  
Form 8-K  
September 11, 2012  
**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 8-K**

Current Report Pursuant to Section 13 or 15(d) of  
the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported):

September 11, 2012

**SOLAR SENIOR CAPITAL LTD.**  
(Exact name of registrant as specified in its charter)

|                                                   |                          |                                         |
|---------------------------------------------------|--------------------------|-----------------------------------------|
| <b>Maryland</b>                                   | <b>814-00849</b>         | <b>27-4288022</b>                       |
| (State or other jurisdiction<br>of incorporation) | (Commission File Number) | (I.R.S. Employer<br>Identification No.) |

**500 Park Avenue**  
**New York, NY 10022**  
(Address of principal executive offices and zip code)

Registrant's telephone number, including area code: **(212) 993-1670**

Check the appropriate box below if the Form 8-K is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- 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 communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 7.01 Regulation FD Disclosure**

On September 11, 2012, Solar Senior Capital Ltd. issued a press release, the text of which is attached hereto as Exhibit 99.1.

The information disclosed under this Item 7.01, including Exhibit 99.1 hereto, is being furnished and shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934 and shall not be deemed incorporated by reference into any filing made under the Securities Act of 1933, except as expressly set forth by specific reference in such filing.

**Item 9.01 Financial Statements and Exhibits.**

- (a) Not applicable.
- (b) Not applicable.
- (c) Not applicable.
- (d) Exhibits.

**Exhibit No.    Description**

99.1            Press release dated September 11, 2012

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**SIGNATURES**

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.

Date: September 11, 2012 SOLAR SENIOR CAPITAL  
LTD.

By: /s/ Richard Peteka  
Richard Peteka  
Chief Financial Officer