UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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 9, 2015

TARGA RESOURCES PARTNERS LP

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation or organization) 001-33303 (Commission File Number) 65-1295427 (IRS Employer Identification No.)

1000 Louisiana, Suite 4300 Houston, TX 77002 (Address of principal executive office and Zip Code)

(713) 584-1000

(Registrants' telephone number, including area code)

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:

□ 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)

Dere-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))

Item 7.01 Regulation FD Disclosure.

On September 9, 2015, Targa Resources Partners LP (the "Partnership") made available an investor presentation through the Investors section of the Partnership's website (<u>http://www.targaresources.com</u>) in connection with the Partnership's presentation at the 2015 Barclays CEO Energy Power Conference. The investor presentation includes certain updated guidance for 2015 and a preliminary 2016 outlook for the Partnership, including the Partnership's capital expenditure budget for 2016.

The information furnished in this Item 7.01 shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, nor shall it be incorporated by reference into any filing under the Securities Act of 1933, as amended.

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 thereunto duly authorized.

TARGA RESOURCES PARTNERS LP

By: Targa Resources GP LLC, its general partner

Dated: September 9, 2015

By: <u>/s/ Jeffrey J. McParlan</u>d

Jeffrey J. McParland President - Finance and Administration