TUCSON ELECTRIC POWER CO Form 8-K March 21, 2012

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): March 21, 2012

Commission	Registrant; State of Incorporation;	IRS Employer
File Number	Address; and Telephone Number	Identification Number
1-13739	UNISOURCE ENERGY CORPORATION (An Arizona Corporation)	86-0786732
	88 E. Broadway Boulevard	
	Tucson, AZ 85701	
	(520) 571-4000	
1-5924	TUCSON ELECTRIC POWER COMPANY (An Arizona Corporation)	86-0062700

88 E. Broadway Boulevard

Tucson, AZ 85701

(520) 571-4000

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)
- " 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))

Item 7.01 Regulation FD Disclosure

UniSource Energy Corporation is making presentations in Las Vegas, NV on March 21, 2012. The presentation will be available at http://ir.uns.com/events.cfm beginning on March 21, 2012. The presentation is attached hereto as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits

Exhibit 99.1 UniSource Energy Corporation Presentation.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, each registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Date: March 21, 2012

UNISOURCE ENERGY CORPORATION

(Registrant)

/s/ Kevin P. Larson Senior Vice President and Chief Financial Officer

Date: March 21, 2012

TUCSON ELECTRIC POWER COMPANY

(Registrant)

/s/ Kevin P. Larson Senior Vice President and Chief Financial Officer