

Who is CPS Energy?

CPS Energy is the nation's largest municipally owned energy utility providing both natural gas and electric service. We serve more than 765,000 electric customers and 335,000 natural gas customers in and around San Antonio, the nation's seventh largest city.

Constant innovation and expansion reduces rates – our customers' combined energy bills rank among the lowest of the nation's 20 largest cities – while generating \$2.86 billion in revenue for the City of San Antonio over more than seven decades.

CPS Energy commits millions of dollars to energy efficiency rebates and programs for our customers. Our Save for Tomorrow Energy Plan (STEP) looks to reduce our community's demand for electricity by 771 megawatts (MW) – the output of a large power plant – by 2020.

As part of San Antonio's New Energy Economy, we're also investing in innovative technologies that will:

- Help customers use energy more wisely and lower their bills
- Create jobs and educational investments
- Leverage valuable economic development opportunities for our community's future
- Protect the environment

CPS Energy's goal is to provide reliable energy in an environmentally responsible way. This brochure is a first step in notifying the public of this project in an effort to work together to achieve that goal. If outages are necessary or the scope of the project changes, the public will be notified via letter and/or door hanger. If you have any questions regarding the project please contact Sheila Casey.

How can you follow the progress of this project?

Project information is posted on the CPS Energy Web site at www.cpsenergy.com (search words: Potranco).



Who can answer your questions?

The Web site will include regular updates on the project as steps are completed. Also, you may call or write to:

CPS Energy

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Potranco Substation Project

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POTRANCO SUBSTATION PROJECT



INFORMATION ABOUT THE POTRANCO SUBSTATION PROJECT

What is the Potranco Substation project?

CPS Energy plans to construct a new electric substation near the intersection of Potranco Road and Richland Hills in the north west area of San Antonio. This facility will be built on CPS Energy property. The new substation will be supplied from an existing high-voltage transmission line that runs along Potranco Road.

A substation is a local power hub or distribution point for electricity. This substation will provide additional electric capacity to accommodate existing and future growth, and it will improve the reliability of electric services to homes and businesses in the area.

Construction of the substation is tentatively scheduled to begin in the August 2016 and will be completed by summer 2018.

Why is this project needed?

Potranco Substation is needed to serve a growing area that is served by long circuits from Hunt Lane, Southwest Research, and Grissom substations. The new substation will provide additional capacity in the area and avoid overload conditions from existing substations. In addition, the new substation will improve the reliability of the area with shorter circuits, strong backbone routes, and sufficient ties.

How might this affect you?

The location of the new substation will not impact private property. Potranco Substation will be built on CPS Energy property, and there is an existing transmission line in front of the property that will be used to supply the substation. Therefore, easement acquisition from landowners will not be required.

Map



Figure 1 displays an example of a substation. Figures 2 and 3 display an example of a high-voltage transmission line and a lower-voltage distribution line, respectively.



FIGURE 1:
Substation



FIGURE 2:
Transmission Line



FIGURE 3:
Distribution Line