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IMPORTANT TRANSMISSION LINE INFORMATION

PERRYVILLE SUBSTATION TO VALENCIA SUBSTATION



69kV Power Line Siting Project

MARCH 2017

Arizona Public Service Company (APS) is in the early stages of determining a route for a new 69 kilovolt (kV) electric power line in central Buckeye.

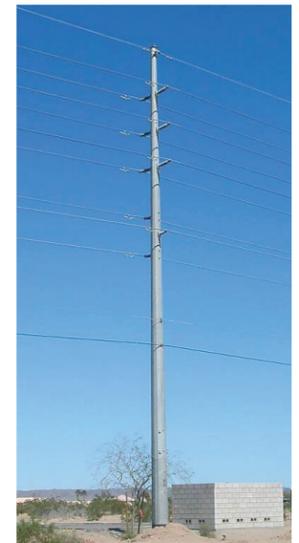
APS continually monitors its electrical system and, when necessary, adds or upgrades facilities. These improvements enhance reliability and help ensure that an adequate supply of electric power is available to customers.

ADDITION OF NEW FACILITIES

The electric system serving the central Buckeye area is made up of multiple substations and power lines. These substations are located in residential and commercial areas. The loss of any one of the 69kV lines or substations may result in power outages in the area until repairs can be made. Outages are often a result of powerful storms in the area or even vehicle accidents. Adding new facilities will improve reliability and help ensure APS has adequate power available to meet the electrical needs in the area.

To maintain reliable electric service and accommodate future load growth, APS plans to add a new substation near Apache Road and Maricopa Road. This new substation will require new 69kV power lines to connect into the existing electrical system currently serving the area. These new power lines will connect the new substation with both the Perryville Substation, located at Jackrabbit Trail and Lower Buckeye Road, and the Valencia Substation, located at Miller Road and Maricopa Road (see map). The resulting project will create a continuous 69kV line between the Perryville and Valencia substations, with an interconnection at the new substation.

The new segments of the 69kV power line will be built on steel poles and will be either a single 69kV circuit configuration (three wires per circuit) or a double 69kV circuit configuration (six total wires on the same pole) (see photos). The new 69kV power line may be constructed in a new alignment or added in areas where some lines already exist. In most cases the existing facilities would be rebuilt on the new poles to consolidate structures. It is anticipated that any new poles would be approximately



Typical 69kV double-circuit pole (left) and typical 69kV double-circuit pole with 12kV underbuild (right)

65 feet in height. The line segments would require a right-of-way or easement approximately 30 to 40 feet in width to construct, operate, and maintain the facility. APS plans to have the new 69kV power line in service by approximately June 2018.

SITING PROCESS

APS has hired Environmental Planning Group (EPG) to assist in evaluating route alternatives, to assess potential environmental impacts, and to support the public outreach process. Baseline information about land use, visual, biological, cultural, and recreational resources for the area will be collected. This information will be used to develop preliminary route alternatives within the study area.

When developing route alternatives, APS evaluates many criteria, including: environmental impacts, engineering and construction feasibility, land acquisition timing and costs, regulatory approvals, potential impacts to existing and planned neighborhoods, and input from agencies and the public. The work completed thus far has included initial data collection of existing and planned land uses.

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69kV Power Line Siting Project

Public Information Open House Meeting

5:30-7:30 p.m.
Wednesday, March 22, 2017
Buckeye Public Library Coyote Branch
21699 W. Yuma Road, Suite #116
Buckeye, AZ 85326

Please visit our project website at aps.com/siting

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APS and EPG have identified a project study area (see map) and have held preliminary briefings with jurisdictional representatives from City of Buckeye about the proposed project, and to solicit input from them.

YOUR INPUT IS IMPORTANT TO APS

An important component of this siting process is to receive input from residents, tenants, property owners, and businesses within the study area. Members of the public and all interested parties are invited to join APS for an open house on Wednesday, March 22, from 5:30–7:30 p.m., at the Buckeye Public Library Coyote Branch to learn more about the purpose and need for the project, the project siting process, and to provide input.

Following the public meeting, APS, with EPG's assistance, will evaluate the input gathered and will analyze and further develop potential line route alternatives.

After the data has been analyzed, APS will hold a second round of briefings to share and discuss possible line route alternatives with local jurisdictional leaders and affected stakeholders seeking their input. A second newsletter will be distributed showing line route alternatives and inviting the public to participate in a second public meeting.

Following the second round of meetings, APS and EPG will evaluate all the information received throughout the process. Based on these evaluations, APS will select the final preferred route. A third and final newsletter will be prepared and distributed to the public and key stakeholders. This final newsletter will illustrate the selected line route and the anticipated schedule for construction.

PROJECT UPDATES

Throughout the planning process, a webpage will be maintained with the latest information. This can be found by navigating to aps.com/siting, then clicking on "find out more" under current projects. Comments can be submitted directly to Kevin Duncan, APS Senior Siting Consultant, at perryvillevalencia@apsc.com. Comments also can be provided by phone at 1 (888) 352-4365.

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