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**IMPORTANT -
NEW POWER LINES COMING TO YOUR AREA**



WEST VALLEY CENTRAL 230kV CONNECTION PROJECT

Public Information Virtual Open House: June 10 - July 10, 2021
Available 24/7: Attend online at [apswestvalleycentral.com](https://www.apswestvalleycentral.com)

Live Virtual Public Meeting: Tuesday, June 15, at 6 pm
Comment Period: June 10 - July 10, 2021

Register Online:
https://us02web.zoom.us/webinar/register/WN_mnBnhg7iQsWDpXmC-7SiuA

Please visit our website at [apswestvalleycentral.com](https://www.apswestvalleycentral.com)

Para más información, por favor visite nuestra página de internet
[apswestvalleycentral.com](https://www.apswestvalleycentral.com)



WEST VALLEY CENTRAL 230kV CONNECTION PROJECT

May 2021

The greater Phoenix region has emerged as one of the top markets in the western United States for attracting high-tech industries. The West Valley in particular is benefiting from economic development activity that will bring jobs and revenue to the area. We are dedicated to providing clean, reliable, and affordable electric service to support our existing customers and future growth.

In the fall of 2020, we announced the need for this project to continue serving our customers with safe, clean and reliable electricity and to support overall growth in the West Valley. In October and November 2020, a map showing preliminary power line alternatives was presented to the community. Events included live virtual town hall meetings on November 4 and 10, 2020, along with a virtual public open house available 24/7.

WHAT WE HEARD

- The majority of responses indicated an understanding of the need for the proposed power line.
- Support for power line routes in agricultural or commercial/industrial areas between Peoria Avenue and Northern Avenue/Parkway.
- Support for placement of power line routes along existing power lines, utility corridors, and roadways.
- Opposition of new power lines routes along Cactus Road and Peoria Avenue near residential areas.
- Concerns about potential impacts on property values, views and health and safety effects due to electric and magnetic fields.
- Concerns about potential impacts to customer rates from the project.
- Understanding of the importance of Luke Air Force base and associated restrictions.
- Suggested placement of the power lines underground in the project area.

WE VALUE YOUR INPUT

We have continued to evaluate environmental impacts, engineering and construction feasibility, land acquisition, costs, and input from agencies and the public. Results of these studies have led to identifying preliminary route options as shown on the map. Three routes are needed to connect to the recently constructed Contrail Substation, with one route connecting from the Future TS-2 Substation, a second route connecting from the existing El Sol Substation, and a third route connecting from the El Sol White Tanks 230kV power line.

Your input will help us narrow down and identify the locations for the new power lines. At the conclusion of the environmental and engineering studies and the public process, APS will prepare an application for Certificate of Environmental Compatibility (CEC) and present the project to the Arizona Power Plant and Transmission Line Siting Committee. The Siting Committee will review the studies and hear the evidence from the Study Team as well as any stakeholders participating in the process. This hearing is open to the public, and there will be time allocated for public comments. If the Committee supports the application, they will recommend issuing a CEC and forward to the Arizona Corporation Commission for final approval.

PROJECT SCHEDULE



- Preliminary engineering
- Environmental studies
- Agency briefings



- Environmental studies
- Public outreach activities
- Agency briefings



- Public outreach activities
- Route refinement
- CEC application preparation

PUBLIC INPUT

For your convenience, you are invited to attend the Public Information Virtual Open House online *any time during the public comment period*. You will be able to view project information, provide input, and if desired, request a call to speak with one of our subject matter experts. If you cannot access the site online, you can call or email a request for a printed copy of the open house materials to be mailed.

We welcome your feedback for this project. Comments are requested by July 10, 2021, to ensure review and consideration in this process. Comments and questions can be submitted to our public involvement team by clicking the comment form at <https://apswestvalleycentral.com/contact-us/>, by phone at (623) 241-5935, or by emailing contactus@apswestvalleycentral.com.

BRAD LARSEN

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Project Website



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WHAT

Your feedback will help determine the path of new power lines that are needed in your area. This project will connect the new Conrail Substation with existing power lines in the area fueling more reliable service for current and future APS customers.



WHY

To continue providing our customers with safe, clean and reliable electricity, we need to add new power lines to both serve existing customers and support the economic growth and development in the West Valley.



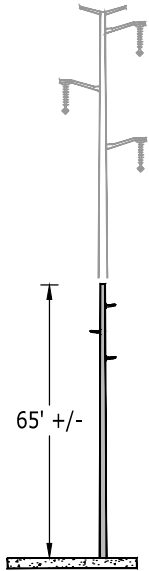
WHERE

The new Conrail Substation is located in El Mirage, near the southeast corner of Olive Avenue and Dysart Road. New power lines are needed to connect this substation to existing power lines in the area. (See included map)

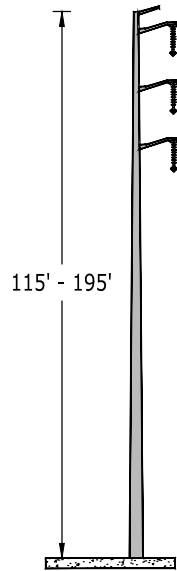
PROJECT FEATURES

Monopole (single pole) structures are typically used for new 230kV power lines, but may include a variety of steel structure types, ranging in height from approximately 115 feet tall to a maximum height of 195 feet depending on routing, terrain and crossing of existing structures, including elevated roads and other power lines. The typical rights-of-way or easements will be approximately 120 feet wide (60 feet each side of the structure). Any opportunity to utilize existing 69kV power line routes for the new 230kV structures will be considered.

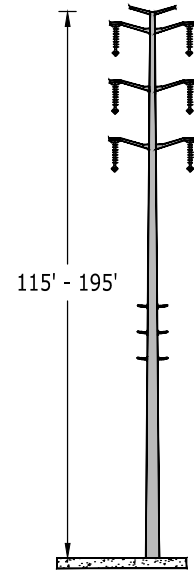
**Exact structure, height and right-of-way or easement width may vary.*



Typical Existing 69kV Single Circuit Monopole Structure
*Opportunity to rebuild to 230kV



Typical 230kV Single Circuit Monopole Structure



Typical 230kV Double Circuit with 69kV Double Circuit Underbuild Monopole Structure



69kV Single Circuit
(example of 230kV
rebuild opportunity)













230kV Single Circuit



230kV Double Circuit with 69kV
Double Circuit Underbuild

PRELIMINARY ROUTE OPTIONS

- | | | |
|--|--|---|
|  Route A |  Route C |  Route E |
|  Route 1A |  Route C1 |  Route F |
|  Route B |  Route D |  Route G |
| | |  Route H |

