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IMPORTANT: NEW POWER LINES COMING TO YOUR AREA

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RUNWAY 230kV POWER LINE PROJECT

The Arizona Corporation Commission (ACC) has approved a Certificate of Environmental Compatibility (CEC) for an approximate 4.5 mile long transmission corridor. This corridor will allow the construction of a double circuit 230-kilovolt (230kV) power line to serve the new STACK Infrastructure data center in Avondale and the Microsoft data center in Goodyear.

This power line will begin at an existing 230kV power line located on the north side of Buckeye Road and the Agua Fria River. It will head southwest, and co-locate with an existing 69kV power line, to the planned Diamond Substation, which will serve the new STACK Infrastructure data center. From Diamond Substation, the 230kV line will proceed west to the Runway Substation, which serves the Microsoft data center (see attached map).



A transmission corridor has been approved by the ACC for new 230kV power lines, including structures/poles approximately 115-195 feet tall, placed in new or existing rights-of-way or easements up to 120 feet in width.



PROJECT SCHEDULE



 Notify public of approved CEC/ transmission corridor Engineering and Design to begin



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RUNWAY 230kV POWER LINE PROJECT

ACC Approves Proposed CEC/Power Line



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The identification of this corridor is the result of a 12-month siting study, including environmental evaluations, constructibility reviews, and a public outreach process consisting of online and in-person meetings and open houses.

In September 2022, we filed an application for a CEC identifying this corridor. A public hearing was held in mid-November before the Arizona Power Plant and Transmission Line Siting Committee (Committee) in Avondale. After deliberations the Committee voted to approve the CEC and associated corridor. The ACC subsequently reviewed the CEC and Committee record, and on January 10, 2023, they voted to grant APS the CEC for the project.

This new power line is needed to support the energy needs of the new STACK Infrastructure datacenter in Avondale and the Microsoft data center in Goodyear, and enhance reliability to the surrounding transmission infrastructure.



This new power line will connect an existing 230kV transmission line near the Agua Fria River and Buckeye Road to the planned diamond Substation in Avondale, and continue west to the Runway Substation NE of Bullard Ave. and Broadway Rd. in Goodyear (see attached map).

 Easement and Rightof-Way acquisition



 Start of construction



PROJECT FEATURES*

Monopole (single pole) structures will largely be used for the new transmission line, ranging in height from approximately 115 feet to 195 feet, depending on terrain and crossing of existing structures, including elevated roads and other power lines. The base of these structures will range in diameter from approximately 5 feet to 8 feet.

Any opportunity to utilize existing power line routes for the new 230kV structures will be considered. However, new rights-of-way and/or easements (approximately 60 feet each side of the structure totaling 120 feet) will be needed.

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



NEXT STEPS

With the CEC granted, we are ready to move forward with the construction phase of the project; including engineering, design, easement/permit acquisition, and construction. We anticipate this work to begin in mid-2023 and continue through 2024. The power line will be located within the approved CEC corridor (see attached map), and we encourage nearby developers and builders to include this information in their disclosure statements.

We would like to thank you for providing your feedback and input to help identify the proper location for the transmission corridor. Although the line siting process has concluded, we invite you to view all the documents gathered throughout the process on our project website at aps.com/runway.

Comments and questions may be submitted to:

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