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APS WESTWING 230KV INTERCONNECTION PROJECT

# APS WESTWING 230KV INTERCONNECTION PROJECT

December 2021

The Arizona Corporation Commission has approved the rebuilding and co-location of an approximate 0.5 mile 230kV transmission line running from a proposed customer battery electric storage facility to the existing Westwing Substation.

The proposed battery electrical storage facility will enhance the APS electric system throughout the Phoenix metropolitan area. With this facility comes a need for a new 230kV transmission line to interconnect

the customer battery electrical storage facility to the existing Westwing Substation, located west of Loop 303, south of Happy Valley Road.

We are dedicated to providing safe and reliable electric service to make this facility a part of our system. Our plan is to rebuild and co-locate the new transmission line with an existing 69kV line for a total length of approximately 0.5 mile.

CS#1904019



## APS WESTWING 230KV INTERCONNECTION PROJECT

ACC Approves Proposed CECs

Please visit our project website at [aps.com/westwingproject](https://aps.com/westwingproject)




## WHAT

A new 230kV transmission line, approximately 0.5 mile in length, between the planned customer battery storage facility and the existing Westwing Substation, which we will rebuild and co-locate with an existing 69kV line.



## WHY

To interconnect the planned customer battery storage facility north of the Westwing Substation with our system in order to enhance the capability of the system and allow flexibility in the delivery of power to customers.



## WHERE

We will rebuild and co-locate the new transmission line with an existing 69kV line that runs adjacent to and between the customer proposed battery storage project, located south of Happy Valley Road and east of the El Mirage Road alignment, and the Westwing Substation, located south of Happy Valley Road, west of Loop 303.

## PROJECT SCHEDULE



- Project construction anticipated to begin



## TYPICAL STRUCTURES\*

We work hard to balance the energy needs of our customers while protecting the environment and natural beauty of the area.

The rebuilt transmission line structures will consist of double-circuit 230kV steel monopoles with a double-circuit 69kV built lower on the pole. The steel monopoles are anticipated to be up to 150 feet in height, which is generally shorter than nearby existing transmission structures.

*\*Exact structure, height and right-of-way width may vary*

## CEC HEARING

The Arizona Power Plant and Transmission Line Siting Committee held hearings August 23-25, 2021 at the Double Tree by Hilton, Phoenix North located at 10220 N. Metro Pkwy E. Phoenix, AZ 85051. At the conclusion of the hearings, the committee voted 10-0 approving the Recommended Order and Opinion to approve Certificates of Environmental Compatibility (Case 190). The Recommended Order and Opinion was reviewed and approved at the Open Meeting of the Arizona Corporation Commission on October 27, 2021. Information about this project can be reviewed online at [westwingopenhouse.com](http://westwingopenhouse.com).

We welcome your feedback for this project. To learn more, please visit the APS Westwing 230kV Interconnection Project website at [aps.com/westwingproject](http://aps.com/westwingproject). Any questions regarding the project may be addressed to the project email below:

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Public Information Virtual Open House:  
[westwingopenhouse.com](http://westwingopenhouse.com)

Westwing 230kV Interconnection Project:  
[aps.com/westwingproject](http://aps.com/westwingproject)

