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IMPORTANT - NEW POWER LINES COMING TO YOUR AREA

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NORTH GILA - ORCHARD - YUCCA 230kV POWER LINE

July 2020

In 2010, we embarked on a process to identify future electrical infrastructure needs in the Yuma area. At the conclusion of a public process and outreach effort, the Arizona Corporation Commission (ACC) approved final routes and a substation location for a transmission project that will help ensure future electric reliability for our Yuma customers.

The ACC's decision was the culmination of a public outreach effort that included several open house meetings, newsletter communications to land owners and residents within the study area and numerous discussions with public officials and other key stakeholders. Public engagement was a key component in the process of selecting the location for the new facilities.

In February 2012, the ACC granted a Certificate of Environmental Compatibility (CEC) for the project. The Project will be constructed in two phases, as depicted on the included map. Although activities for Phase I have been in progress and Phase I construction will begin in 2020, the timing of Phase II will be evaluated in the future and no Phase II construction activities will occur at this time.



Typical double circuit 230kV power pole with double circuit 69kV underbuild



NORTH GILA - ORCHARD - YUCCA 230kV POWER LINE

Project Information Update

Please visit our project website at aps.com/siting



WHAT

Construction of Phase 1 of the North Gila - Orchard - Yucca 230kV Power Line Project is expected to begin later this year, building approximately 13 miles of transmission line from the North Gila Substation to the new Orchard Substation.



WHY

Greater electric capacity needs in the Yuma area require the addition of this line to improve reliability for existing customers and ensure energy needs for future growth.



WHERE

Phase I connects the North Gila Substation (S Ave 8E and E County 6th St) to the Orchard Substation (S Ave 5 1/2E and E County 14th St). Phase II connects the Orchard Substation to the Yucca Substation (S Somerton Ave and one-half mile north of W 8th St), and will be built at a future time.



CONSTRUCTION ACTIVITIES

Construction of Phase I includes building approximately 13 miles of a 230kV transmission line between the North Gila Substation and the new Orchard Substation. Monopoles (single pole) structures will typically be used for the new transmission line, measuring 130 to 195 feet tall.

Once initiated, construction will progress generally from the North Gila Substation, along the transmission line route to the Orchard Substation. However, construction activities can occur at any time along the entire 13-mile route. Activities include, but may not be limited to:

- Material lay-down yards
- Staking/marking construction activity areas
- Clearing and grading of work areas
- Construction and/or improvement of access roads
- Installing structure foundations
- Erecting steel structures
- Stringing wires
- Cleaning up and reclaiming areas that are not needed for operations

In addition to the transmission line construction, there will be construction activities at North Gila and Orchard substations. Substation construction activities will be fully contained within the limits of the substation properties. Work at North Gila Substation will occur within the existing perimeter fence.

Although we do not anticipate any power outages or disruptions due to the construction of this project, those who live along the route may see increased traffic.

If you have any questions, please contact the Project Manager, Project Supervisor or Project Siting Consultant at:



Typical construction yard

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PROJECT SCHEDULE: PHASE I

1ST/₂ND
QUARTER
2020

- Finalize design for power lines and substation
- Complete right-of-way and easement acquisition

3RD/₄TH
QUARTER
2020

- Begin material procurement
- Begin construction activities

4TH
QUARTER
2021

- Complete construction
- In-service

