Orme-Rudd Conductor Upgrade Project

Mirage Rd



Orme-Rudd Conductor Upgrade Project

Scope:

- 8.5 miles of double circuit 230kV
- Increases capacity in support of the Sierra
 Estrella interconnection & load growth

Schedule:

- Orme construction completion March 2024
- Rudd construction completion March 2024
- April 2024 planned in-service date

• Unique feature:

First time use of composite conductor



Benefits of Composite Conductor

- Additional line capacity
- Tower replacements not required
- Overall project cost & schedule greatly reduced vs. tower replacement
 - Composite conductor more expensive than standard conductor
 - But increased conductor costs are small vs. tower replacement
- Able to utilize existing tools and processes for construction

Standard vs. Composite Conductor

Standard Conductor

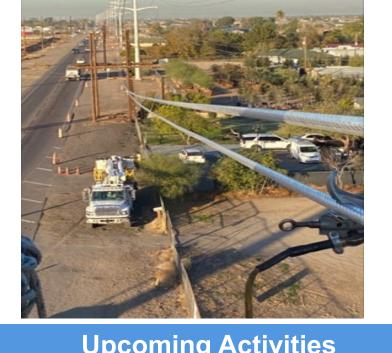




Orme-Rudd Conductor Upgrade Project Overview

Schedule Status	Date
Planned Go-Live	4/30/24
Forecast	5/17/24

Budget Status	Total
Overall Budget	\$11.5M
Current Forecast	\$10.1M



Risks/Issues	Accomplishments	Upcoming Activities
• None	• Line #2 construction complete	Continued construction of Line #1
	Substation construction complete	Termination of conductor at Orme