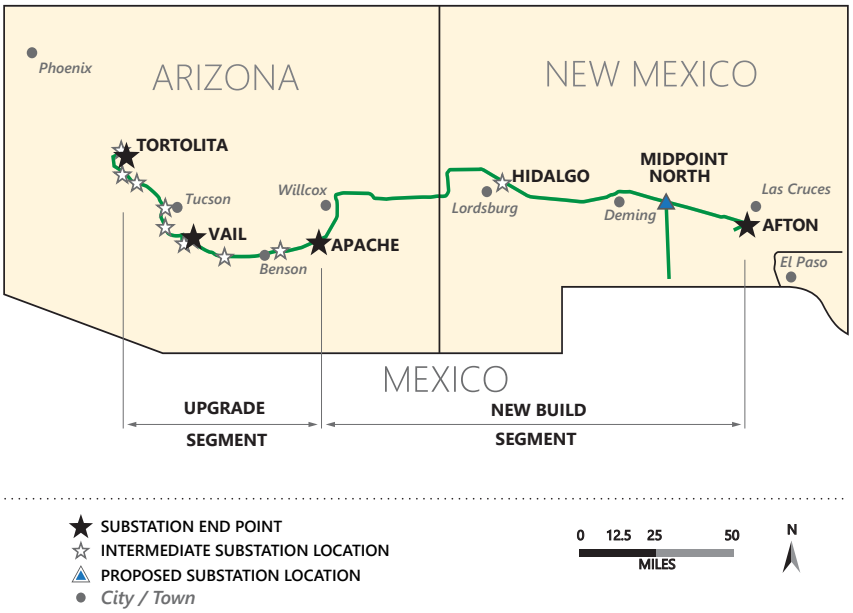
SOUTHLINE TRANSMISSION PROJECT

The Southline Transmission Project is a major new path enabling world class wind and solar resources from the Desert Southwest to reach key markets, while bolstering the regional system.

Fully permitted and shovel ready, Southline minimizes land and resource impacts by routing along existing infrastructure, and by upgrading existing transmission lines where feasible – an innovative approach that respects the region's community, natural, and cultural resources.

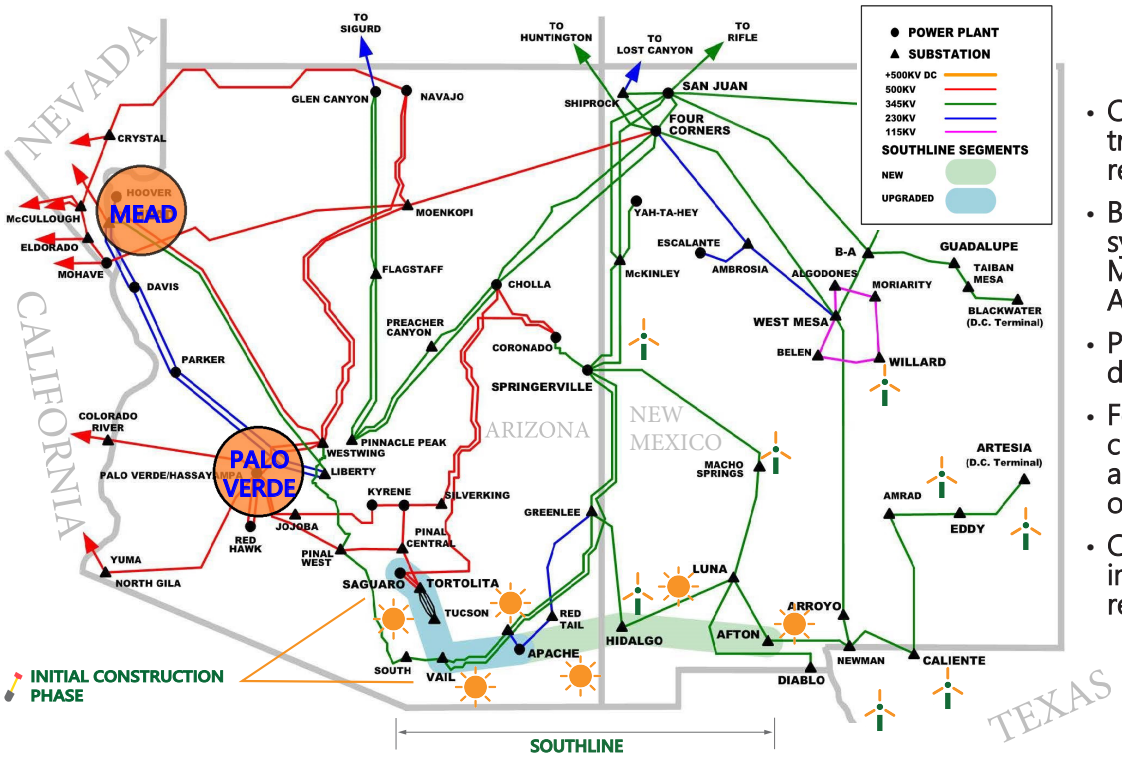
Southline will provide up to 1,000 megawatts of transmission capacity in both directions, and will interconnect with multiple substation locations.



Southline consists of two sections:

- Approximately **240 miles of new 345-kilovolt double-circuit transmission lines** between the existing substations at Afton (between Las Cruces and El Paso) and Apache (south of Willcox, Arizona); and
- A series of upgrades to approximately **120 miles of existing transmission lines, making them double-circuit 230-kV lines** between substations at Apache and Tortolita (southeast of Phoenix).

WHAT BENEFITS DOES THE SOUTHLINE TRANSMISSION PROJECT BRING?



- Creates path to market for transmission-constrained renewable energy resources
- Bridges large gap between systems in southern New Mexico and southern Arizona
- Provides local economic development
- Follows I-10 corridor to create complementary EV and communications opportunities
- Careful routing minimizes impact, and conserves resources

2009 - 2010	2011 - 2012	2013 - 2017	2018 - 2020	2021 →
Preliminary feasibility and design	Public outreach and workshops to develop routing alternatives	Federal, state and local permitting	Pre-construction activities	Construction and operations phased into service

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