

AMPJACK® PROJECT PROFILE



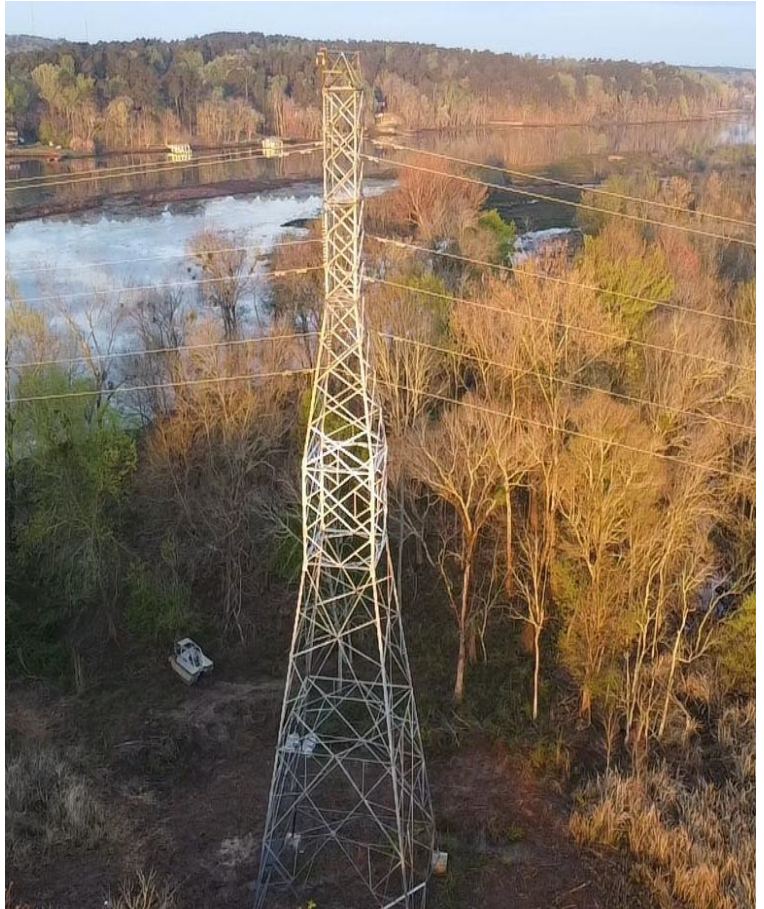
Client name: Dominion Energy -
South Carolina (DESC)

Location: Savannah River Crossing –
South Carolina & Georgia

Project name: 115kV/46kV Stevens
Creek-McCormick Transmission Lines
Savannah River Crossing Tower No.6

Role: Prime Contractor / Engineering
Design / Material Procurement /
AMPJACK® System

Scope of work: 15'-0 Tower Raise &
Foundation Repairs



Project Details

Ampjack America Ltd. completed its first project with Dominion Energy - South Carolina (DESC) for the 115/46kV Stevens Creek-McCormick transmission line upgrade project in March 2023. Tower No. 6 is located on an island in the middle of the Savannah River that borders the States of South Carolina and Georgia. The tower had no road access therefore crews were transported across the river via pontoon boats while all tools, equipment and material were flown to the site via a helicopter. Due to fluctuating water levels of the Savannah River and the marshy nature of the ground, an aluminum work platform was installed around the tower base and entire work area to provide a stable and safe work environment, and a landing zone for the tools and equipment.

AMPJACK® PROJECT PROFILE



The Steven Creek Line Rebuild by DESC was engineered to replace existing 115kV Lattice Towers with Steel Monopoles. The Island Tower No. 6 posed a challenge as it was inaccessible by road or boats large enough to shuttle heavy equipment. The Savannah river, being a navigable waterway, would pose even further challenges to build a temporary bridge to the island as well. If the tower could not be replaced or raised, it would limit the new line's electrical current capacity due to ground clearance issues.

Due to the small and agile characteristics of AMPJACK® and our crews, we can perform tower raises and other construction activities in regions that have stringent access and environmental requirements such as agricultural, forest, wetlands, biological and cultural resource concerns.

Once posed with the challenge of how to raise Tower No. 6 by DESC, Ampjack got to work to find a solution, which included detailed transmission line design, structural and civil design, condition assessment, material procurement, construction methodology development, and construction execution. With no additional permitting or environmental requirements, Ampjack was able to successfully raise Tower No 6. in under 5 days and solve DESC's problems.



AMPJACK® PROJECT PROFILE



DESC contact: Brandon Ashley

Email: brandon.ashley@dominionenergy.com

Ampjack contact: Chris Stasiuk

Email: cstasiuk@ampjack.ca