

DUKE ENERGY – MOSAIC APW AF LINE



PROJECT TYPE

Transmission

SCOPE

1.9 miles of 69kV and 6.4 miles of 230kV T/L Rebuild

LOCATION

Wauchula, FL

CLIENT

Duke Energy Florida

START DATE

October 2023

COMPLETED

April 2024

This project included construction of 8.3 miles of 115kV/69kV line on the Mosaic Mine property in order to reroute an existing line around a future mine site.

The scope of work included setting 67 concrete poles and pulling 6.4 miles of 230kV, with 1.9 miles of 69kV underbuild. Irby also removed 33 structures and 4.5 miles of wire as part of the re-route.

We partnered with fellow Quanta sister company MG Dyess to build a permanent road throughout the right of way and to mat wetlands.

Because road construction was underway at the same time as the T-line work, coordination between the two companies on site was essential to its success. In addition to weekly calls with MG Dyess, the ability to complete the project efficiently required communication and coordination at the field level. Irby and MG Dyess superintendents were key players in the project's ultimate success.

Thanks to this highly effective collaborative relationship, the work was completed on time and on budget.

