



IMPLO® Technology Replaces Traditional Compression

Central Florida was reintroduced to IMPLO® technology when a 41 mile, 230kV transmission line, running from Ona to Port Charlotte, required reconductoring. There were many challenges within the scope of this project, with time to completion being the major obstacle.

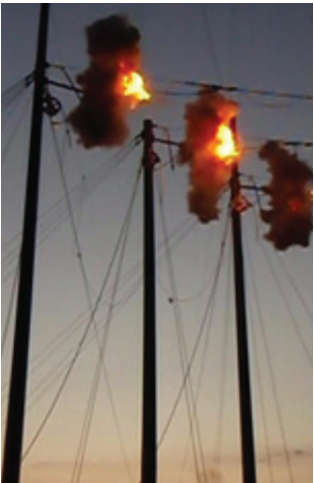
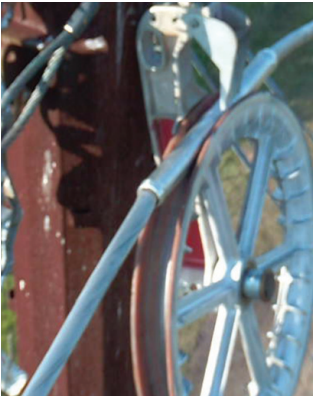
The original outage was scheduled for six weeks, but due to line needs, it was reduced to just five. Eight miles of reconductoring per week is a challenge in itself, but given that there were 20 deadend structures, sensitive environmental areas and the new conductor was 2156 ACSS Bluebird would make it all the more improbable. However, that was considering traditional compression splices and deadends were in inventory and assumed to be the choice. Enter IMPLO technology ...

An abrupt change in direction was taken once the unique attributes of IMPLO were discussed with the project contractor. Approvals were quickly obtained from the end customer who realized the added value to their system and IMPLO technology was now on the job.

Although noise from IMPLO installations was an initial concern, that issue became a non-obstacle. An effective outreach program to the community, communication with the first responders, and face-to-face with local residents allowed installations in even the most populated areas. In fact, the IMPLO installation became “the show” at some sites that allowed the general public insight and appreciation into the electrical industry.

In spite of not having used IMPLO, line crews quickly learned to install IMPLO products. IMPLO project managers were on the job from the start and assisted in further field training to take full advantage of the IMPLO difference. IMPLO splices were pulled through travelers, saving more than ten additional staging locations versus what traditional compression would have required. Further, IMPLO deadends proved that this technology enhances line crew productivity by changing the work flow, saving additional project time.

After a short two weeks into this project, all were convinced of the IMPLO advantages. Line crews realized the work flow differences, inspectors realized the quality advantages, and the end customer realized the line improvements based on the finished product. In the end, a project completed on time, a transmission line’s reliability greatly enhanced by having IMPLO installed and satisfied customers at both the contractor and utility — another success story for IMPLO technology.



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