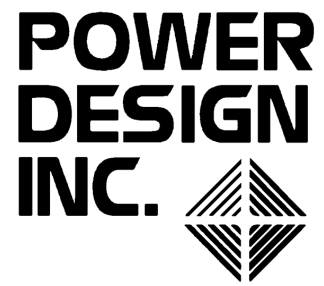


**PALMETTO ELECTRIC COOPERATIVE SOLVES LARGE UNDERGROUND CONDUCTOR
ISSUES WITH POWER DESIGN LOOPING / SPLICING CABINET**



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THE CHALLENGE

Palmetto Electric Cooperative, Inc. (PECI) provides power to Hilton Head Island and the surrounding resort area with an underground power grid. Storage, looping, and splicing of their underground conductor requires large spaces because their cable is extremely bulky and their connections are subject to large stresses in highly corrosive environments. This must all be conducted within eyesight of a critical customer base that demands minimal noticeable infrastructure.



THE SOLUTION

PECI coordinated with Power Design for a solution that provided maximum operating space with minimum visible impact. PDI's Three Phase Ground sleeve provided over 41.5 square feet of hidden storage space which PECI used for extra conductor for both the current operations and future projects. All the customer could see was the above ground "doghouse" style enclosure. PDI's switchgear enclosure provided ease of access for both the current installation and subsequent access. The base and the upper cabinet are made of fiberglass (strong, light weight, and corrosive free) and reinforced with stainless steel hardware.

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