

Project Profile

Specialized Maintenance Programs

EAGLE
SWS

SP

Location	Various locations throughout Florida
Client	Progress Energy
Date of Performance	2005 through present
Eagle-SWS Role	Substation Maintenance and Remediation

Description: In 2005 Progress Energy Florida awarded this program to Eagle-SWS to perform work at approximately 275 substations with a five-year completion schedule. The work involves remediation of mineral oil impacted soil identified via inspections of transformers and other oil-filled equipment in substations.

These substation properties have underground grounding grids that encompass the entire substation and secondary, subsurface power lines. Eagle-SWS almost solely uses its “soft dig” technology with its fleet of vacuum air moving equipment at these sites to expeditiously and safely excavate and delineate the grounding and power lines.

Eagle-SWS conducts a field test to identify the soils contaminated with mineral oil as either PCB or non-PCB contaminated for purposes of health and safety, proper labeling for transportation and disposal.

Eagle-SWS is a leader in air-vacuum excavation systems for onsite remediation, having pioneered the use of high-volume air vacuum through our proprietary nozzles to expose underground utilities. Our equipment is designed to make an 8”x8” hole (pothole) in any kind of soil. The equipment vacuums up the dry spoils for easy backfilling and eliminates the time and expense associated with mud disposal. For underground utility locating, deep soil sampling, or pipeline maintenance using keyhole technology, with no disturbance of road base, there is no more economical, safer, faster, or cleaner way to expose underground utilities than with an Eagle-SWS air-vacuum excavation system.

Eagle-SWS has completed over 116 substations to date.

Project Highlights

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