

Core Provides Telecommunications Company with a Cost-Saving Solution for Switching Stations

Project:

Fuel Storage and Enclosures for Switching Stations

Client:

KMC Telecom

Core Engineered Solutions recently designed and installed a turnkey fueling solution for KMC Telecom's switching stations throughout the Midwest and Southeastern U.S., with significant cost savings. KMC required a compliant and reliable fuel supply source and an enclosure that would protect their sensitive equipment.

Core installed a ConVault fuel storage system with in-tank heating and monitoring equipment, and teamed with Oldcastle Precast to provide modular Oldcastle buildings to house the equipment. The Core-designed ConVault system soon replaced natural gas as the fuel supply solution for all sites, saving KMC approximately \$60,000 per site when compared with a natural gas installation. The installation is designed to operate 24 hours a day, 365 days a year.

Core delivered the turnkey solution with minimal downtime by installing all heating and monitoring panels inside the Oldcastle buildings at the manufacturing facility, eliminating the need for on-site labor at KMC's multiple national locations. Core further simplified the installation by equipping all of the tanks with ready-to-operate solenoid valves, probes to measure high and low fuel levels, interstitial leak detection sensors, and heating elements prior to delivery. The new switching facilities were also redesigned by Core engineers to eliminate underground piping.

To discuss your telecommunications applications with a Core specialist or to learn more about Core's capabilities, contact us at 800-628-5502, Fax 703-883-8177, Core Engineered Solutions, 8500 Leesburg Pike, Suite 7800, Vienna, Virginia, 22182.

ConVault Fuel Storage Tanks and Oldcastle Buildings provided a cost-saving solution for KMC Telecom

