



Uncataloged Solutions



CUSTOM SUBSTATIONS SAVE REAL ESTATE AND INSTALLATION COSTS

CHALLENGE

An aerospace facility located in the Puget Sound region was looking to replace some substations that were nearing end of life. In addition to increasing the capacity of these outdoor power units, the engineer also sought to reduce the overall footprint. Years of modifications to these units left lighting control panels stapled to the exterior of the substation, standalone panelboards on unistrut and other components out in the rain.

SOLUTION

Access Electric teamed up with Industrial Electric Manufacturing and the customer engineering team to design a walk-in substation that would incorporate all low voltage power and control components under one roof, in a turnkey solution. The primary switches and low voltage house were designed to incorporate seamlessly with the oil filled transformer. In the low voltage, dual aisled house, UL1558 switchgear lined the center aisle with other power distribution and control components on the outer wall.

OUTCOME

The turnkey solution was designed, constructed, shipped and assembled seamlessly. The customer was able meet their needs of increasing KW, meeting existing space constraints and improving reliability by getting components out of the rain. An added benefit was decreasing installation costs as the panelboards, lighting controls and other components came pre-wired.

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Access Electric Supply is an electrical distributor based in the Puget Sound since 1991. Our knowledge, experience and approach differentiate us from traditional electrical products sources and we are regularly called in to produce uncommon solutions for tough problems. Look to Access Electric Supply to deliver on the specific needs of your projects.