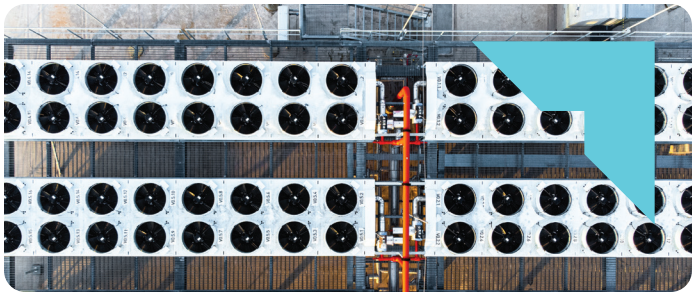

DATA CENTERS CASE STUDY

KEEPING THE CLOUD COOL WITH OUR AGILE MANUFACTURING CAPABILITIES

CHALLENGE

AID was selected by a leading cloud computing provider to be the primary supplier of 100HP 3-phase VFDs, 600A and 400A harmonic filters, and 600A and 400A power distribution panels for the rooftop cooling towers of a next-generation data center. When complete, the facility will be one of the largest high-performance facilities in North America. However, the project timeline was abruptly shortened when the delivery date shifted six months earlier, creating an urgent need to complete production and installation by December 2025.

SOLUTION

Leveraging our deep controls expertise and optimized production workflows, AID quickly adapted to the accelerated schedule. We worked closely with our vendor network to expedite the delivery of materials and components, then executed the order through our lean-cell manufacturing system without disrupting other projects. Our agile approach, backed by our experience in supporting hyperscale data center construction, ensured precision and efficiency from fabrication to field integration.

RESULT

AID delivered all panels on time within the revised, aggressive timeframe. Our field team then successfully installed and integrated the equipment on the cooling tower platform, demonstrating the responsiveness and professionalism of our field service team. This project highlights our ability to pivot quickly, meet the shifting timelines of data center construction, and maintain exceptional quality under pressure.

DRIVE OPTIONS

Whether building a new data center or expanding an existing one, our drive options support the full range of cooling sources, including chillers and CRAC units, hydronic piping distribution networks, cooling terminals, air-handling units, rooftop units, fans, and pumps.