



SUMMARY

Customer

Operator of energy-generation facilities

Challenge

Specification development, price fluctuation avoidance and bulk cable deliveries

Solution

READY!™ To Install

Engineering specification expertise

Results

- Met technical specifications
- Enhanced cash flow and future revenue projections
- Delivered on time and on budget
- Provided orderly flow of material to job site



Because Anixter coordinated all aspects of cable procurement and delivery, the company was able to better focus on its core competencies of constructing the large wind farm and meeting the operator's benchmarks and objectives.

Customer Challenge

A developer and operator of energy-generation facilities in Canada was building one of the largest wind farms in the nation. As an expert in planning and designing of biomass, geothermal, wind, hydro, natural gas and coal facilities, the company announced that the wind farm would deliver 200 megawatts of power from 133 turbines. The announcement came with a commitment to deliver a fully operational wind farm to the company's stakeholders on time and on budget. To meet these objectives, the company required a solution that would complement its own operating and technical expertise. It needed a partner who could provide engineering assistance in cable specification, avoid commodity price fluctuations and procure significant quantities of bulk materials for delivery to the remote wind farm.

Program Scope

The three-year project required a diverse bill of materials, which included large quantities of cable and components to be procured, tracked and delivered on a coordinated schedule to the company's stockyard at the job site. The bill of materials specified more than 5 million feet of cable of various types, including 35 kV aluminum power cable, fiber optic cable, 1 kV RWU cable and associated support and supply products. The materials came from a variety of manufacturers, and the company needed multiple deliveries coordinated to specific build-out phases.

Anixter Solution

Anixter's engineering team reviewed critical load factors for the required high-voltage cables, which is a highly complex and challenging technical specification process. After verifying these calculations, Anixter and the company worked together to draft a bill of materials that met the project's electrical cabling needs for both performance and quality. Through contractual agreements, Anixter secured stable prices for the copper and aluminum required for the project and worked with various manufacturer partners to source the materials and develop lead times for delivery into Anixter's distribution center. Anixter leveraged its understanding of the company's needs and schedule to adjust inventory levels in order to provide a predictable, steady supply of materials to the job site. In a market where lead times on certain types of high-voltage cable can extend to 12 weeks or more, Anixter was able to make its first delivery of product within six weeks of the company's initial order.

WIND FARM OPERATOR MEETS CRITICAL BENCHMARKS



As the single point of contact for the material sourcing and procurement, Anixter used its READY! To Install, a full service cable management offering to deliver the bulk reels of cable to the company's stockyard at the job site. As many as 14 flatbed trucks loaded with bulk cable for delivery according to the company's specifications were dispatched per day from Anixter's distribution center to the job site.

Project Results

Through its READY! To Install cable management services and technical expertise, Anixter provided the company with strict quality control, which translated into a wind farm that met the technical and quality expectations of the operator. Anixter's expertise was instrumental in the company completing the project on schedule and achieving its performance goals. The preconstruction planning and securing of contractual agreements to stabilize the cost of copper and aluminum minimized the company's risk of budget overruns and confirms reliable flow of product. This enhanced the company's cash flow and revenue projections. Because Anixter coordinated all aspects of cable procurement and delivery, the company was able to better focus on its core competencies of constructing the large wind farm and meeting the operator's benchmarks and objectives.



READY!™ Deployment Services by Anixter map our distribution

and Supply Chain Solutions to the construction or deployment process of any technology project. We combine sourcing, inventory management, kitting, labeling, packaging and deployment services to simplify and address the material-management challenges at the job site(s). READY! Deployment Services by Anixter will help you improve the speed to deployment, lower your total cost of deployment and deliver your product specifications as planned.

This project called for:



READY! To Install is a customized full-service wire and cable management and delivery program.

OVER
8,300
employees

OVER
100,000
customers

MORE THAN
450,000
products

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