

Roto-Phase Resolves Power Supply Problem

Ryan Facemire owns and operates Facemire Farms in Franklin, IN. In the summer of 2013, they wanted to install an irrigation system which included a 50HP Vertical Hollow Shaft Pump and Center Pivot System. Since they only had a 240V 1PH power supply available from the local utility company at the jobsite, they needed a way to convert the 1PH to 3PH and supply a 480V 3PH power source to operate the irrigation equipment. Mr. Facemire contacted ARCO Electric Products in Shelbyville, IN about finding a solution to their power supply problems.

After gathering the electrical information on the equipment load, ARCO Electric Products was able to recommend a rotary phase converter Model CHD2PVR460XT2PC as well as size a 75 KVA 1PH “step-up” transformer. Mr. Facemire purchased the phase converter and 1PH transformer from ARCO Electric Products which enabled him to operate his 3PH irrigation equipment and irrigate his crops that summer.



Up Close

Facemire Farms

Franklin, Indiana

Rotary Phase Converter + “Step-Up” Transformer

- Converted 1PH to 3PH power
- Supplied 480V 3PH power source
- Successfully irrigated farmland throughout the summer