

PRO-FAB INDUSTRIES INC.



Case Study: Lohmeyer Greenhouse, LLC



Pro-Fab Industries Inc. is North America's leading designer and manufacturer of alternative energy heating systems. Pro-Fab's family of highly efficient biomass boilers, including corn, wood pellet, ag residue cube and coal burners, incorporates state of the art engineering and technology, setting it apart from any other product line in the marketplace.

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Application: Greenhouse
Fuel: Corn



Lohmeyer Farm Inc. operates a three generation family farm on Maryland's Eastern Shore. Diversification and changing with the times are what they attribute to keeping a family farm in business. In the past their main income sources were row crops, laying chickens for hatching eggs, as well as feeder pigs, truck crops and aquaculture. Presently, income comes from two 500 foot broiler chicken houses, 20 acres of hay and a wholesale production greenhouse spanning one acre. The greenhouse has been very profitable for the Lohmeyer Farm but the costs of heating it with propane were high. After seeing the Pelco at a tradeshow they visited a distributor's website and decided to invest in a grain fired boiler to save money and support the farm economy. The distributor put them in contact with a turkey operation which they toured. All of their questions were answered and they left the operation "sold on the Pelco." Lohmeyer Greenhouse integrated the Pelco boiler with their existing environmental controls without any problems. They said that being able to shut the boiler down on sunny days has made regular maintenance much easier. Any calls made to the service department were "handled quickly by knowledgeable people who were never too busy to answer questions." They estimate that the boiler supplies 75% of their total heat load, with the existing propane unit picking up the remaining 25%. In the past the greenhouse used, on average, 30,000 gallons of propane in one season. Estimated fuel savings for the greenhouse using the Pelco will be \$21,000 a year. To learn more about Pelco biomass boilers visit www.profabgroup.com.