



NEWS

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Cereal Process Technologies Successfully Completes Startup of World's Largest Corn Dry Fractionation Facility

JEFFERSON, WIS. – Cereal Process Technologies has completed startup of the world's largest commercial corn dry-fractionation facility to serve Renew Energy LLC's 130-million-gallon ethanol plant here.

Using CPT's patented technology and engineering, the plant's construction met the company's rigid standards for construction, according to CPT President Will Duensing.

"CPT's fractionation facility at Renew has been run extensively prior to the startup of the ethanol plant and we are very pleased with the quality of the endosperm, germ and bran streams that have been produced," Duensing said.

At capacity, the facility will mill some 49 bushels of corn annually.

CPT's patented process separates each corn kernel into its key components to create a more concentrated and consistent starch stream. Duensing said the supply of fermentable starch to the ethanol plant – keeping the non-fermenting bran and germ out – means lower cost and more profitable ethanol production.

The application uses technology that has been perfected in more than 25 years of operation in three full-scale food grade and industrial starch corn mills. It now has been successfully demonstrated in a full-scale commercial ethanol facility.

The process creates higher value co-products while significantly reducing ethanol production costs. As a result of fractionation, a higher-protein DDG is created. With its

lower bran content, the new material is expected to give the plant's marketers opportunities to open new markets in animals with single stomachs, including swine, poultry, fish and pets. Higher fiber and germ content in conventional ethanol plants have limited DDGs to ruminant, or multi-stomached animals, like dairy and beef cattle.

Duensing believes that "as the ethanol industry begins to fully recognize the value of fractionation in general, and CPT technology in particular, the shift to our high-yielding process will intensify."

He said the company had achieved competitive advantages in lower power consumption and higher product yields, which translate into higher profits to the ethanol producer.

"Lower costs and new markets that will value ethanol's products and co-products will add up to more revenue," he said.