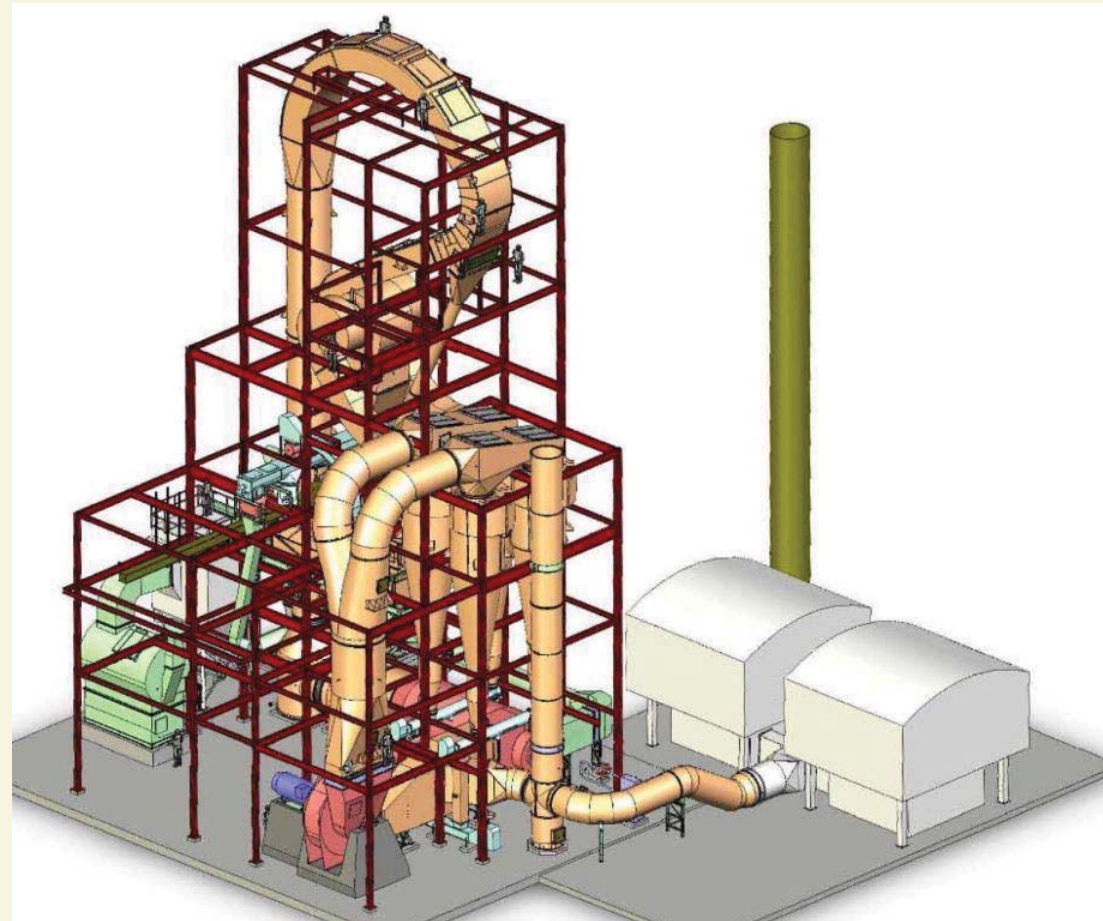


RING DRYER & RTO

ETHANOL PLANT 55MGY
VICKSBURG, MS

- **Ring Dryer** GEA Barr Rosin
 - Hot gas burner and fan – Ring design
 - 67,109 lb/hr wet grain feed IN
 - 45,752 lb/hr syrup from evaps IN
 - Approx 65% moisture IN
 - Rate 46,398 lb/hr DDGS OUT
 - Moisture 11% (typically it is 10%)
 - Evap rate 66,463 lb/hr
 - Robinson Fan 189,339 scfm 1300 HP
 - Heat requirement 83.1 MMBTU



- RTO** Nestec emissions control
- Nestec Regenerative Thermal Oxidizer
 - 2 chambers - 122,750 scfm fan 700 HP

Ancillary Equipment

- Barr Rosin Fluid Bed Cooler
- MAC Baghouse Filter 3719 sf area 22,100 cfm