



## EBCI & DEVELOPING RENEWABLE ENERGY

# EBCI's commitment to Energy Development



Resolution 636 (2007) passed by the Tribal Council, establish energy goals for the Tribe.

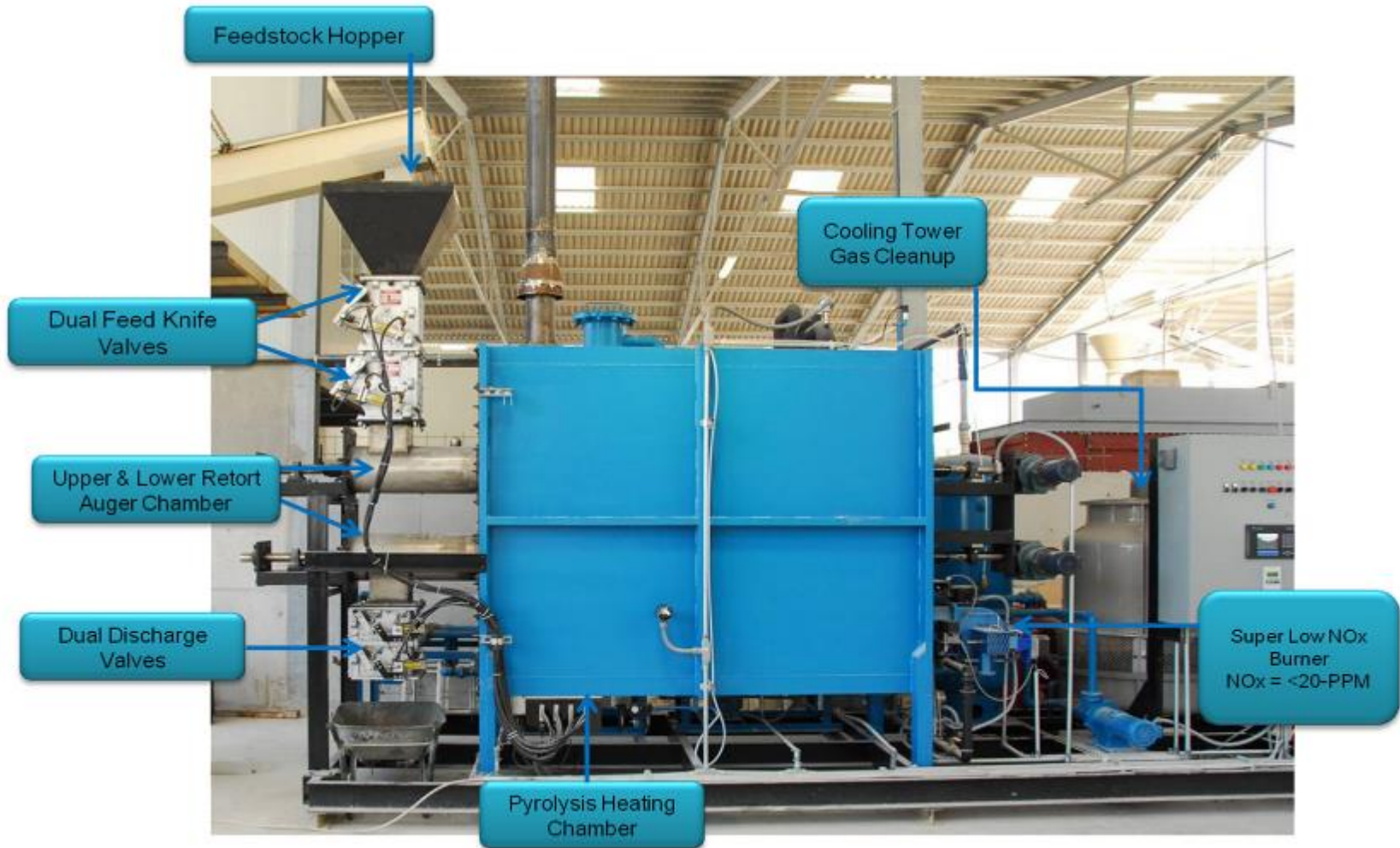
- + Developed "Strategic Energy Plan"
- + Identify energy cost savings opportunities for the Tribe.
- + Identify renewable energy and energy efficiency alternatives available on the Qualla Boundary

# Waste to Energy



- + **Thermal Conversion:** *defined as the degradation of carbon based material through the use of an indirect, external source of heat, in an oxygen starved environment*
- + **The gases and base oils that are extracted during the decomposition process produce clean bio-fuels.**
- + **Waste Streams that hold value for bio-fuels**
  - + Municipal Solid Waste
  - + Tires
  - + Plastics

# THERMAL CONVERSION UNIT



# Business Structure



- + **LLC/Section 17**

- + **LLC Code**

- + **Boys Club**

- + **Joint Venture**

- + **Tribe owns intellectual property DEMD studies**

- + **Partner owns assets and expertise in process**