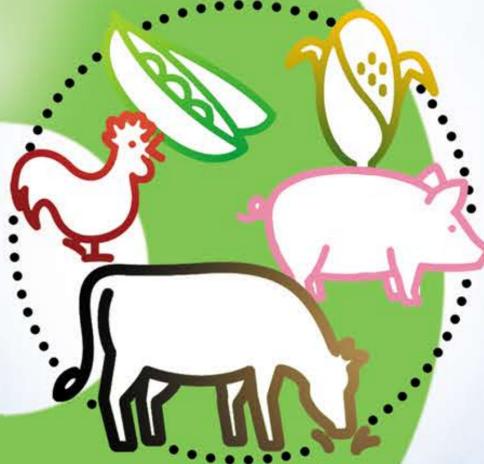


Renewable Diesel 101

Natural, renewable materials can now become low carbon dioxide fuel.



—Feedstock—



Used corn oil, soybean oil and cooking oil from restaurants can be used along with animal fats. These feedstocks will be transported by rail, truck or ship to Chalmette Refining.

Renewable Diesel is a biomass-derived transportation fuel suitable for use in diesel engines. Renewable diesel is a hydrocarbon and is generally indistinguishable from petroleum diesel and can be used as a direct substitute.

- Other names for renewable diesel (RD) include: Hydrotreated Vegetable Oil (HVO) and advanced biofuel.
- Made primarily from waste and residues, feedstocks include recycled animal fats, used cooking oil, grease, and vegetable oil.
- Production begins with removing impurities from the raw materials, then hydrotreating at a high temperature. The outcome is a colorless and odorless fuel of an even quality that is identical to fossil fuel diesel.

Benefits of Renewable Diesel

- Can be used in existing diesel engines.
- Does not contain oxygen, so there are no cold weather, water attraction, or storage challenges.
- Cleaner-burning, low carbon dioxide fuel that contains no impurities, and produces no odor.

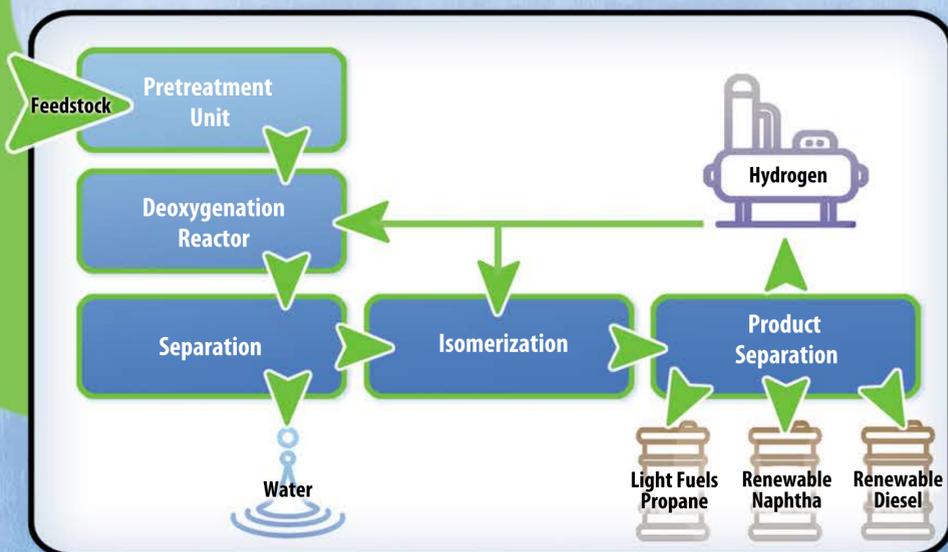
This proposed project is currently being evaluated, along with potential partners, and if approved is anticipated to:

- Retrofit a Refinery unit that has been idled since 2010.
- Construct a new Pretreatment Unit.
- Require additions and improvements to docking, loading, offloading and tankage capabilities.
- Result in 600 construction jobs.
- Result in 20 new direct jobs with an estimated payroll of \$1,400,000.
- Have an estimated total investment of \$550,000,000.
- Make 20,000 barrels per day of Renewable Diesel.
- The new and modified equipment will be tied into existing refinery sewers and stormwater collection systems.
- Any wastes created by the process will be handled by the existing refinery waste management systems.

—The Process—



The feedstocks will first go to the newly built Pretreating Unit (PTU) followed by multiple processes through the once idled hydrocracker and onto separation into finished products: Renewable Diesel, Propane, Naphtha, etc.



—Final Product—



The Renewable Diesel is shipped out via truck, ship or rail to markets in United States, Canada, and Europe.

Made In Chalmette

