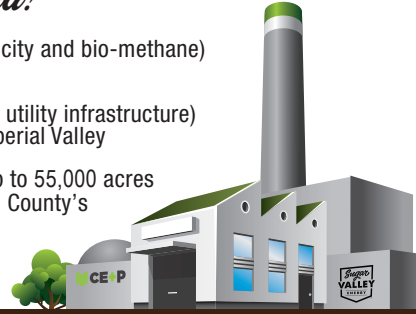




In Imperial County, California!

- Sustainable low-carbon energy (ethanol fuel, electricity and bio-methane) from the right renewable resource – sugarcane
- Infrastructure (clean energy, wastewater treatment, utility infrastructure) to support further economic development in the Imperial Valley
- A long-term economically sustainable market for up to 55,000 acres of sugarcane crop production that expands Imperial County's agricultural employment base



The Sugar Valley Energy campus efficiently uses the entire lifecycle of the harvested sugarcane crop and its byproducts in one integrated site.

SVE CAMPUS ELEMENTS



SUGARCANE ETHANOL PLANT

- Capacity to produce 77M Gallons per year of low-carbon fuel-grade ethanol
- California currently imports more than 1.2B gallons of ethanol annually; Sugar Valley Energy makes CA more ethanol-independent
- Current transportation fuel blend is 10% ethanol; demand for our low carbon ethanol is expected to increase in the future based on California's continuing emission reduction requirements

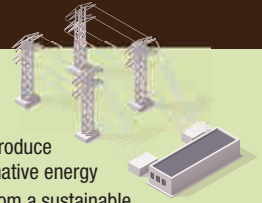
BIO-METHANE PLANT

- Uses the remaining by-product of sugarcane plant (vinasse)
- Produces 810,000 MMBtu annually of bio-methane gas
- Gas will be piped to existing distribution systems and used to heat businesses and homes in the region



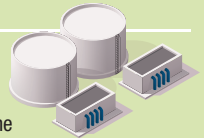
ELECTRICAL POWER PLANT

- Uses juiced sugarcane feedstock to produce 43 megawatts annually of clean alternative energy
- Supplies power to the regional grid from a sustainable, low-carbon fuel source
- Helps California meet its sustainable energy production targets



WASTEWATER TREATMENT PLANT

- Will process 100% of the wastewater from the entire energy campus and provide excess capacity to treat one million gallons of wastewater per day for nearby businesses and homes.
- Represents vital infrastructure for planned future economic development surrounding the SVE site



SUGARCANE, HOW SWEET IT IS!

- Sugarcane is highly suited for the Imperial Valley climate and has water demand similar to alfalfa, one of the region's existing dominant crops
- Sugar Valley Energy will seek long-term agreements with 100+ farmers
- SVE to plant, maintain and harvest the sugarcane
- SVE to pay all growing costs, rent and profit



SUGAR VALLEY ENERGY CREATES NEW JOBS & ECONOMIC ACTIVITY*

**\$1.29
BILLION**

direct investment
(construction costs and
business revenues) will
result in a total economic
impact of \$1.7 Billion

**\$928
MILLION**

in economic activity will
occur directly within
Imperial County

**15,122
FULL AND
PART-TIME JOBS**

will benefit from the
construction and first year
of operations

**APPROXIMATELY
250**

JOBS WILL BE CREATED
to operate the new
SVE campus

*Source: Project economic analysis by Circle Analytics, Inc. February 2020