



SUNNYSIDE RNG
Renewable Natural Gas Project
Introduction to the Port of Sunnyside
September 6, 2022

www.pacificag.com

Who We Are

- Sunnyside RNG is owned and will be operated by Pacific Ag Renewables (PAR)
- PAR is a wholly owned subsidiary of Pacific Ag, North America's largest hay and crop residue harvest and supply company with operations in 27 states.
- Pacific Ag was established in 1998 in the Columbia basin with offices in the Tri-Cities, WA and Hermiston, OR.
- Pacific Ag is locally owned with deep roots in the Oregon and Washington farm economy for many generations.
- Pacific Ag brings deep operational expertise in ag processing, materials supply and logistics/trucking
- Sunnyside RNG's financial and technology partners bring decades of experience in the US and Europe with anaerobic digestion and renewable natural gas production.

The Project: Sunnyside RNG

Sunnyside RNG will:

- Turn agricultural waste products into renewable natural gas (RNG), a low-carbon substitute for fossil natural gas to be used as a biofuel in the transportation sector.
- Produce 830K MMBtus per year of RNG – making it one of the largest ag waste anaerobic digesters in the nation.
- Divert dairy manure from the lagoons of 15-20 medium to small dairies that otherwise would produce odors and methane off-gasses, and crop waste that might otherwise be burned or produce CO₂ from decomposition.
- Produce an organic digestate that can be used as fertilizer, livestock bedding and compost.

Community Benefits

Economic (as calculated by the Yakima County Development Association)

A Significant Investment in the Sunnyside Community

Plant Cost: \$94 - \$100 million

Jobs:

- 29 full-time direct plant positions at an average wage of \$68,379 (from a \$2 million annual payroll)
- 15 direct trucking jobs and an estimated 26 indirect jobs in the community.
- median annual income Yakima County is \$39,172 (source: Employment Security Department of Washington State, 2021 data)

Taxes: \$6 million annually in direct and indirect taxes to local and state agencies to support schools and other community services.

Community Benefits

Environmental

- Recycles manure and kills odors and pathogens while producing a renewable fuel and soil products.
- Moving manure from open lagoons to an airtight biogas system reduces both odors and GHG emissions.
- Replaces fossil-based diesel with low-carbon, renewable natural gas as a biofuel for CNG fleets.
- Recycling manure creates an opportunity to separate nutrients and keep them out of the waterways.



Sunnyside RNG is fully funded and will begin construction in late 2022 with first RNG production commencing in the 1st quarter of 2024