

FIRM vs. INTERMITTENT ENERGY

RELIABILITY

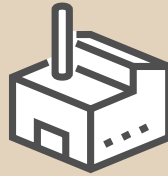


Firm energy provides always-on electricity to the grid.



Even with batteries, **intermittent facilities** like solar and other sometimes-on sources can only produce energy for part of the day.

Which resource can retire fossil fuel facilities?



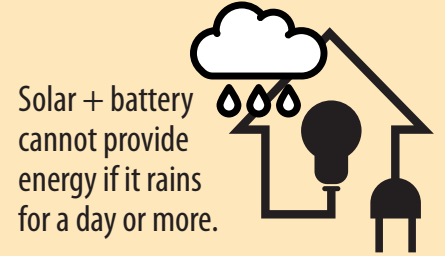
Only renewable firm energy can eliminate fossil fuel plants.



Which resource reliably provides energy during rain events?



Firm energy always on, rain or shine.



Solar + battery cannot provide energy if it rains for a day or more.

FIRM (Always on) GEOTHERMAL, BIOMASS, HYDRO

INTERMITTENT SOLAR, WIND, BATTERIES

Can the project be carbon negative?

YES

A biomass project can plant more trees than it harvests, resulting in an overall reduction of greenhouse gas from the project.

NO

Wind and solar farms do not capture and sequester greenhouse gas.

Can the resource provide temporary construction jobs?

YES

Honua Ola provided multi-year construction jobs.

NO

Wind and solar farms provide jobs for one year.

Can the resource provide a substantial number of operations jobs?

YES

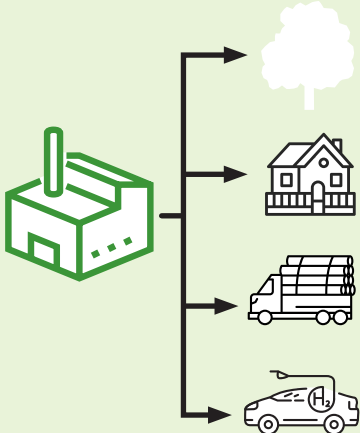
Honua Ola operations will provide more than 200 good-paying high skill jobs for the next 30 years.

NO

Solar farms usually employ 1 or 2 lower-wage workers to maintain them.

BENEFITS UNIQUE TO HONUA OLA BIOENERGY

Honua Ola will create new industries, including forestry, manufacturing, transportation and hydrogen.



EDUCATION PATHWAYS



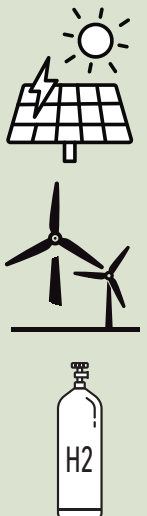
Honua Ola has committed to partner with K-16 schools for career technical education training and on-the-job training.

Honua Ola's forestry operations provide healthier pastures for livestock (silvopasture).



Supports the expansion of renewable energy

Honua Ola's always-on energy provides grid stability and allows more solar and wind energy to be added to the grid, and unused energy can be used to produce hydrogen.



HONUA OLA
BIOENERGY