



**HAWAII
GREEN**

2024

**BUSINESS
PROGRAM**



Board of Water Supply



**HAWAII
STATE
ENERGY
OFFICE**



Hawaii Energy



**MAUI
BREWING CO**



Background:

Founded in 2005, **Maui Brewing Company** is Hawai'i's largest craft brewery. MBC is based on Maui, with its grid-independent production brewery, restaurant and tasting room in Kihei , as well as restaurants in Ka'anapali (Maui), Kailua (O'ahu), and Waikīkī (O'ahu). Maui Brewing Co. is dedicated to brewing premium beverages in the most sustainable way possible, including fan-favorite year-round brews and specialty limited-release releases.

Highlights:

- 1.2MW array of solar panels cover the building's roof, awning, and carports.
- Solar thermal systems reduce propane gas consumption by approximately 50% for water heating needs.
- Solar PV with Tesla battery storage provides approximately 100% of power needs at the 85,000 square foot facility.
- Biodiesel generators fueled by locally produced biodiesel provide makeup and backup power as needed vs. grid power.
- Reduction of CO2 emissions by more than 2,000,000 pounds per year through combined sustainability efforts.
- Producing ~60% of CO2 on-site; recovered 500,000 lbs of CO2 from being vented into the atmosphere and adding more capacity to grow beyond 100%.
- One of the first craft breweries to package in recyclable aluminum cans, the #1 recycled beverage container in the US. Canning line fills & seams approximately 500 cans per minute. Products packaged in pulp board containers.
- Spent grain donated to local farmers.
- Team highway and beach cleanups.
- Used grain bags donated for environmental clean-ups in Maui County by partnering with Malama Maui Nui, Hawai'i Wildlife Fund, and Pacific Whale Foundation.



Solar battery storage



Partnering with Wailena Farm



MBC CO2 arrival