

ACA Carbon Accreditation



Between 2013 to 2015, Honolulu International Airport (HNL) reduced its carbon emissions by 18% per passenger (14% overall), achieving a Level 2 Reduction certification from third party Airport Carbon Accreditation (ACA). The ACA program, launched by Airports Council International (ACI) in 2009, recognizes airport efforts to manage and reduce their CO₂ emissions through independent assessment and verification. There are four levels of accreditation through ACA:

<u>Mapping</u>	<u>Reduction</u>	<u>Optimization</u>	<u>Neutrality</u>
Airport carbon footprint measurement	Reduction of the airport operator's carbon footprint	Engaging others on the airport site to reduce their CO ₂	Offsetting any residual CO ₂ emissions from the airport operator

HNL was one of the first ten airports in North America to receive accreditation when ACI North America (ACI-NA) formally adopted the ACA program in 2014.

HNL has been able to reduce airport carbon emissions by implementing the following energy conservation measures:

- Replacing light fixtures with efficient LEDs
- Updating or replacing various air handling systems
- Updating or replacing chilled water systems, when necessary
- Replacing existing HVAC A/C systems with newer high-efficiency equipment
- Replacing existing electrical transformers with newer high-efficiency transformers
- Installing roof-mounted solar photovoltaic systems
- Completely renovating the Ewa central chiller plant

To learn more the program and which airports are accredited, visit <http://airportco2.org/>.