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:

<table>
<thead>
<tr>
<th>Mapping</th>
<th>Reduction</th>
<th>Optimization</th>
<th>Neutrality</th>
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<tbody>
<tr>
<td>Airport carbon footprint measurement</td>
<td>Reduction of the airport operator’s carbon footprint</td>
<td>Engaging others on the airport site to reduce their CO₂</td>
<td>Offset any residual CO₂ emissions from the airport operator</td>
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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/](http://airportco2.org/).