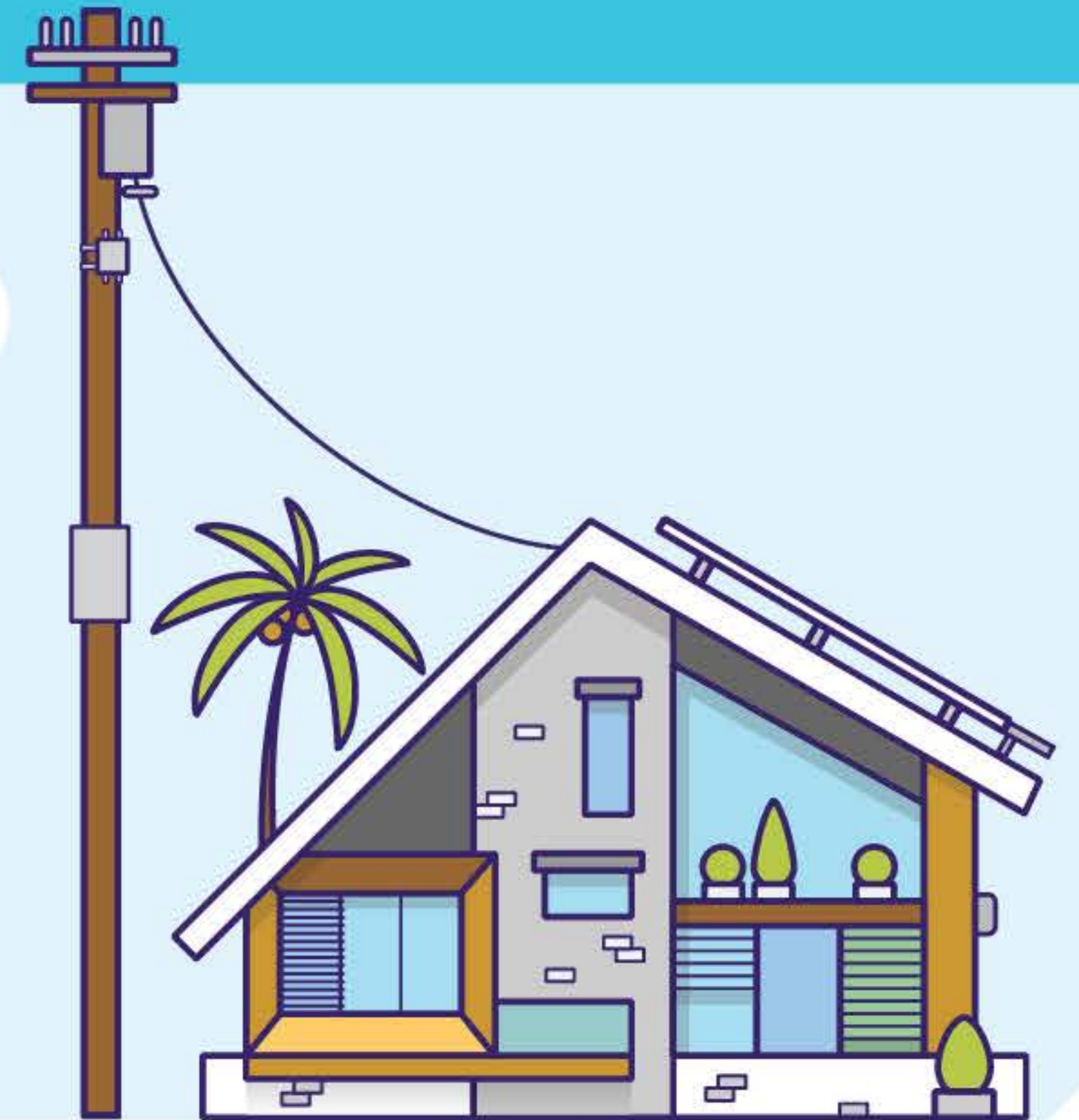


Integrated Grid Planning

An energy planning process to identify the best options for customers to move Hawai'i toward a clean energy future.

Planning Hawai'i's Grid for Future Generations

With a renewed focus on comprehensive energy planning, Hawaiian Electric proposed an Integrated Grid Planning ("IGP") process that we believe will benefit customers by identifying the best options to affordably move Hawai'i toward a reliable, resilient clean energy future with minimal risk. In addition, we believe the State will benefit from expanded market opportunities for resource, grid services, and non-wires alternatives for transmission and distribution ("T&D"), which can foster innovative solutions for a new energy economy.



Our Goal for the Future:

100% Renewables by 2045

The **Renewable Portfolio Standard (RPS)** percentage estimates the percent of sales that is represented by renewable energy. This is how we are measured in achieving compliance.



END 2020



BY 2030



BY 2040



BY 2045

What is our Progress?

This is where we are at in comparison to our goal above.



How Do We Get There?

1 Data Collection

Gather data from participants on key factors



2 Define Plan

Analyze data to determine system grid needs and costs



3 Refine Plan

Request proposals for potential projects to meet grid needs and determine actual costs



4 Optimize Plan

Determine the best solutions to fulfill the plan within the time frame



5 Regulators Review

Present solutions to regulators for review

