Leveraging DERs as a Grid Resource:

A Hawaii Perspective

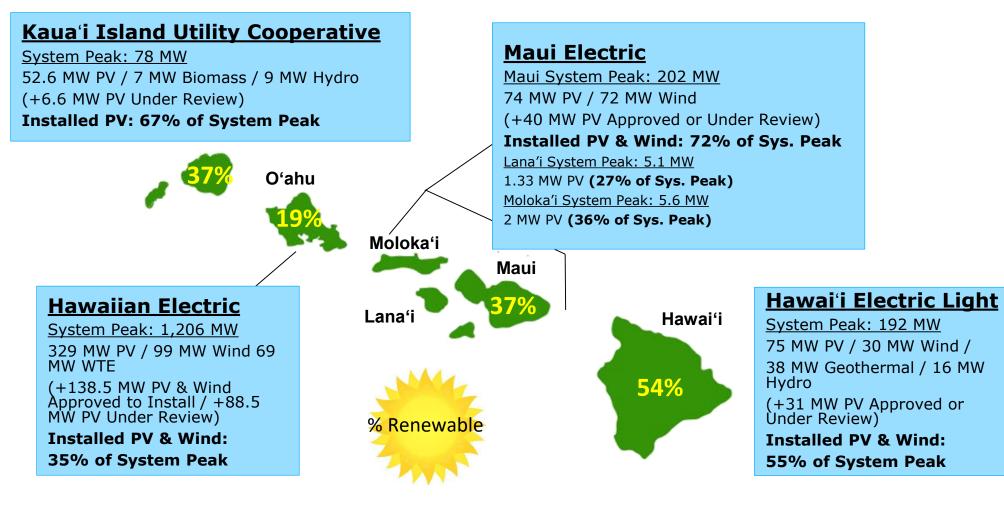
July 27, 2017

Matthew McDonnell Commission Counsel Hawaii Public Utilities Commission



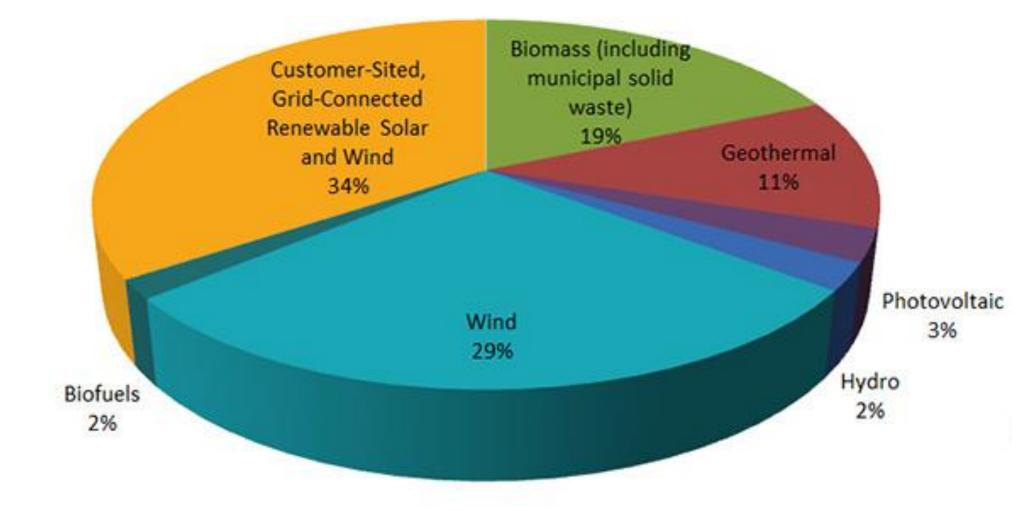
Hawaii Electric Systems

4 Electric Utilities; 6 Separate Grids; % Renewable



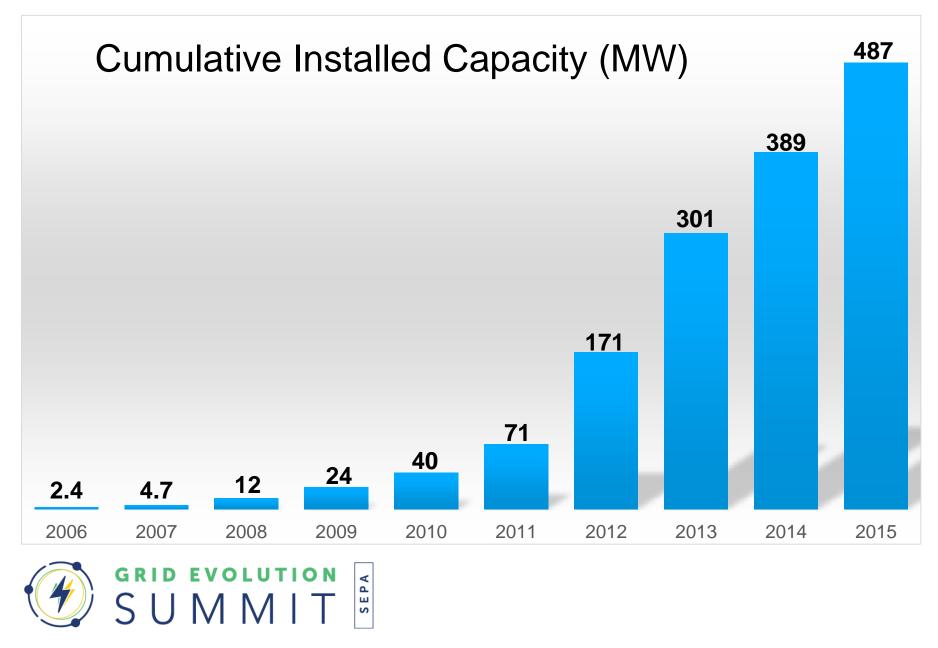


Hawaii Is A Leader in Renewable Integration

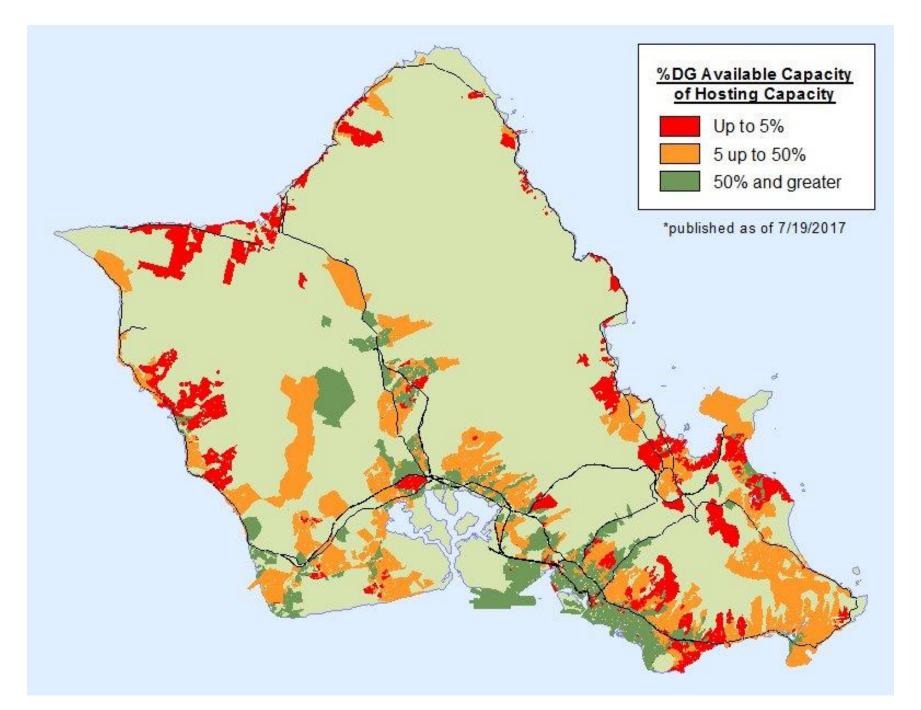




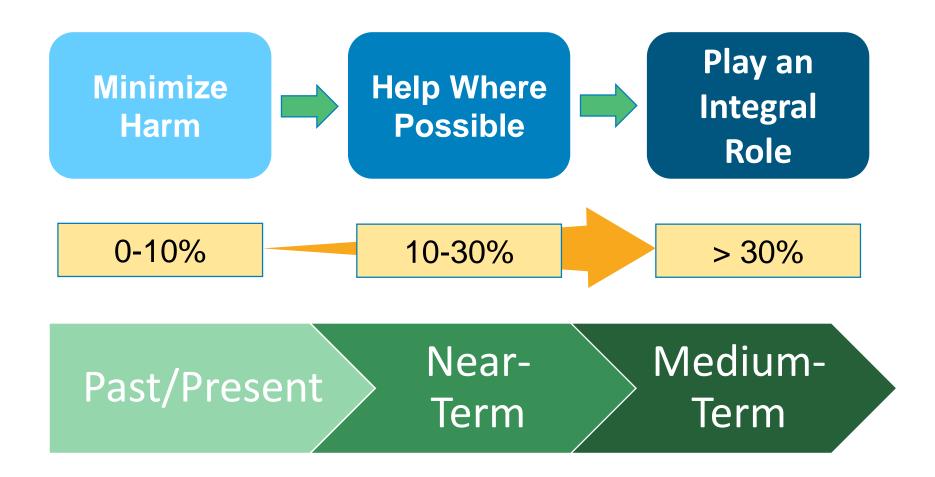
Exponential DER Growth



Oahu Locational Value Map

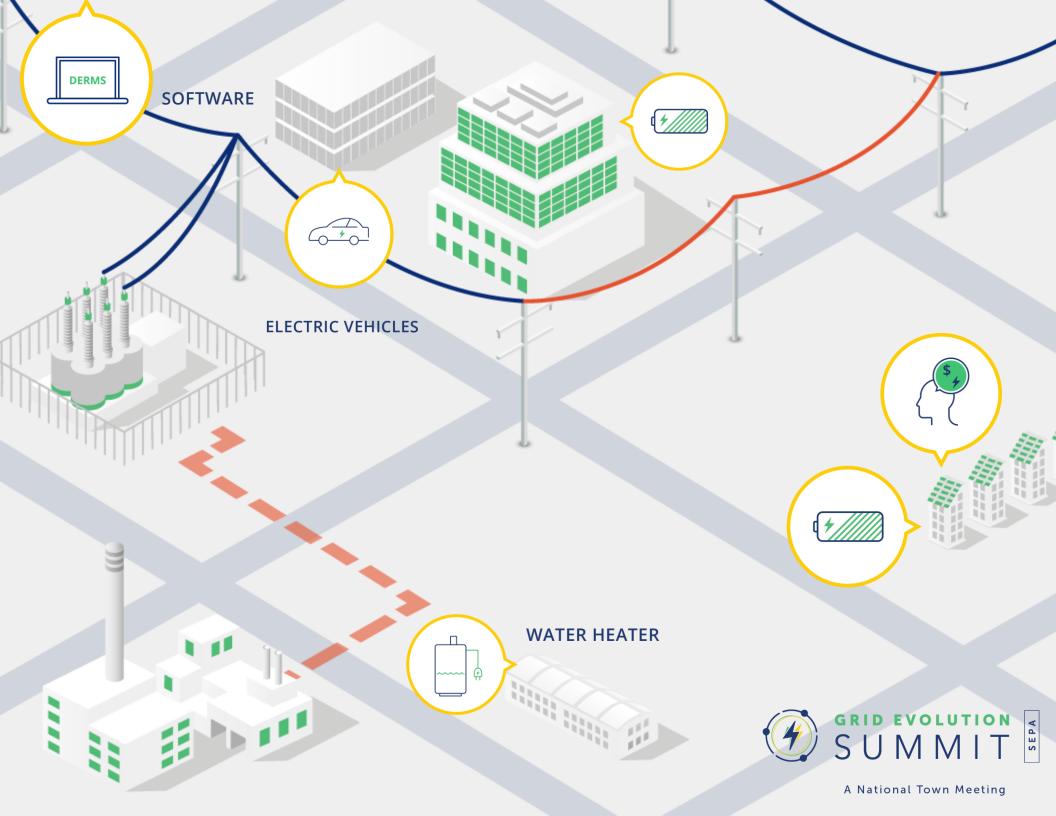


DER Philosophy Progression

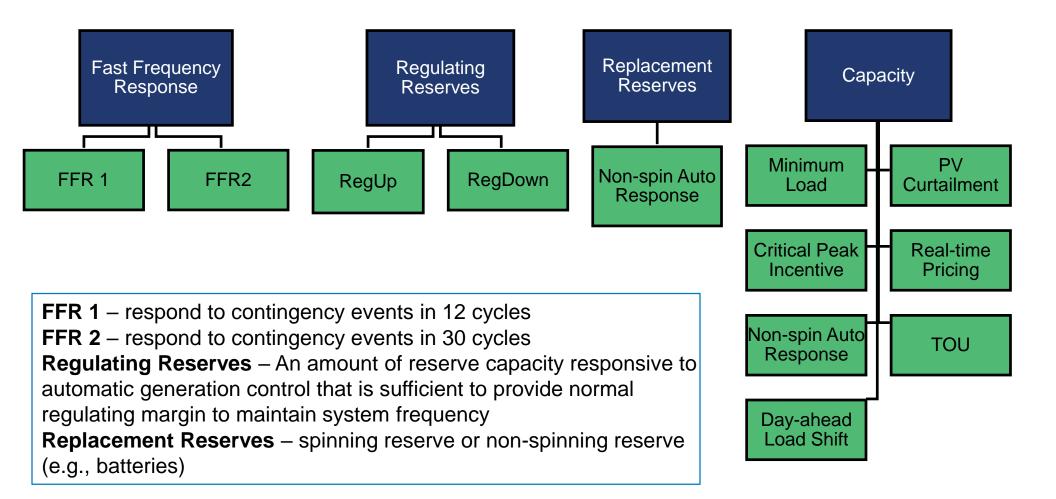




Adapted from Strategen Consulting, LLC



Services Provided by DER by Category





Mahalo!

Contact Information:

Matthew McDonnell Commission Counsel Hawaii Public Utilities Commission Matthew.T.McDonnell@Hawaii.gov

