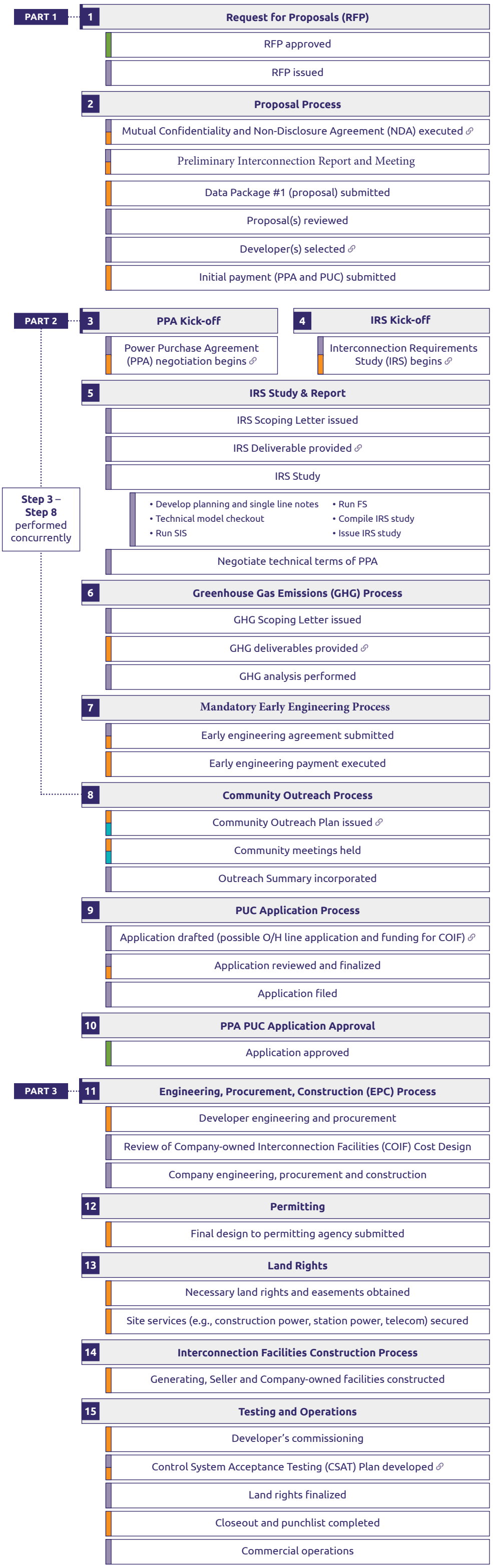
Interconnection Process

Hawaii is experiencing unprecedented increases in rooftop solar and utility-scale wind, solar and other renewable generation. Hawaiian Electric recognizes the growing need for an improved interconnection process. This diagram shows the three-part interconnection process. Additional information and resources can be found online.

www.hawaiianelectric.com/clean-energy-hawaii/selling-power-to-the-utility/competitive-bidding-for-system-resources/interconnection-process

Legend
- Hawaiian Electric
- Developer
- Community
- Public Utilities Commission (PUC)



PART 1:
RFP & Selection Process

Target Timeline: 11 months

Hawaiian Electric, Developer, PUC

Part1 begins the process with PUC approval of a Request for Proposals (RFP). Hawaiian Electric solicits competitive bids from electric power generation developers (developers) to meet specific energy and capacity needs across our service territory. The Public Utilities Commission (PUC) provides oversight on the competitive bidding process, and reviews and approves power purchase agreements between Hawaiian Electric and developers. Part 1 includes RFP approval and issuance and the proposal kickoff process.

PART 2:
Power Purchase Agreement (PPA) Interconnection Requirements Study (IRS), and PUC Application

Target Timeline: 13 months

Hawaiian Electric, Developer, Community

Part 2 includes two processes that run in parallel: the PPA and the IRS. PUC approval of the PPA and PUC application is the result of Part 2.

PART 3:
Engineering, Procurement, Construction (EPC), and Operation

Target Timeline: 1 to 9 years *(project-dependent)*

Hawaiian Electric, Developer

Part 3 begins engineering and procurement. Commercial operation is the result of Part 3.

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Hawaiian Electric