

Panel-Conscious, Complete Electrification Made Easy



Electrifying a home can potentially introduce panel or utility service upgrades drastically increasing both cost and time which can serve as a barrier for electrification

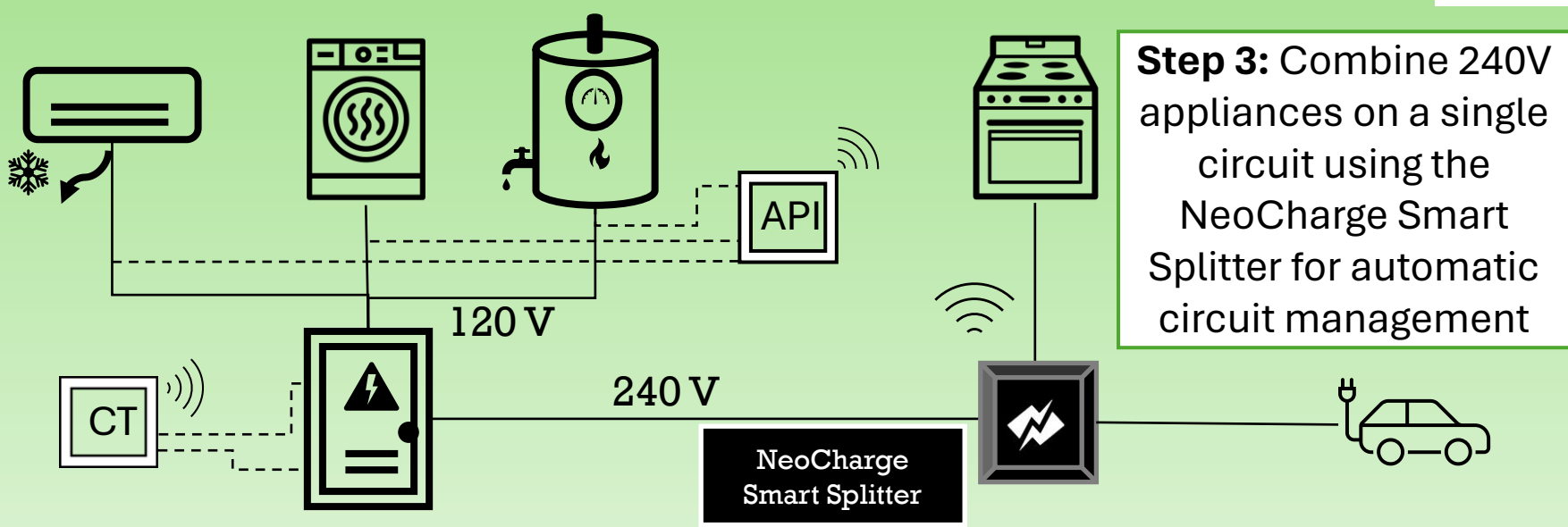
How our Demonstration Solves the Problem:

Step 1: Introduce low-voltage, high efficiency appliances and remove old, inefficient units to maximize space on the panel

Step 2: Remove all gas appliances and replace with more high efficiency low power electrical versions

Step 3: Combine 240V appliances on a single circuit using the NeoCharge Smart Splitter for automatic circuit management

Step 4: Control your smart appliances (EVs, thermostats, etc.) with NeoCharge EMS to monitor panel capacity and change appliance usage with a single tap on the app



With these steps, developed over 3 decades of combined experience in home electrification, Redwood Energy and NeoCharge were able to completely electrify two homes on a single 100A panel!