## 

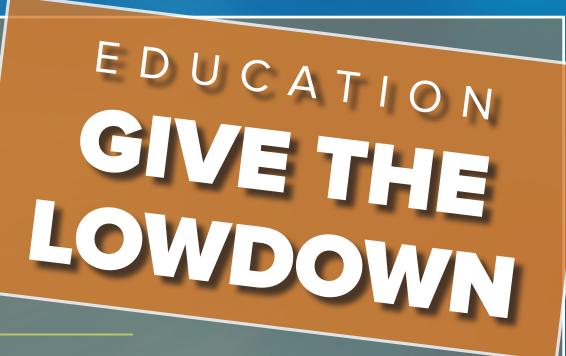
The Home Electrification Readiness Assessment (HERA) helps guide and assist residents with electrification. Employing the success of the Home Efficiency Genie program, City of Palo Alto Utilities (CPAU) offers this additional service to provide guidance and help residents make informed decisions on electrification for their homes. Here's our process:



About 80% of home carbon emissions come from using natural gas for heating water and heating homes

Palo Alto's electric portfolio is 100% carbon neutral

✓ Educate residents about what electrification means



Provide information, resources and independent advice on switching to electric, including options for electric appliances



✓ Offer on-site or virtual visits

MAKEIT HAPPEN Help residents understand electrical needs of their existing equipment as well as available capacity of their electric panel

PREPARATION

Provide up to three scenarios for switching to electric

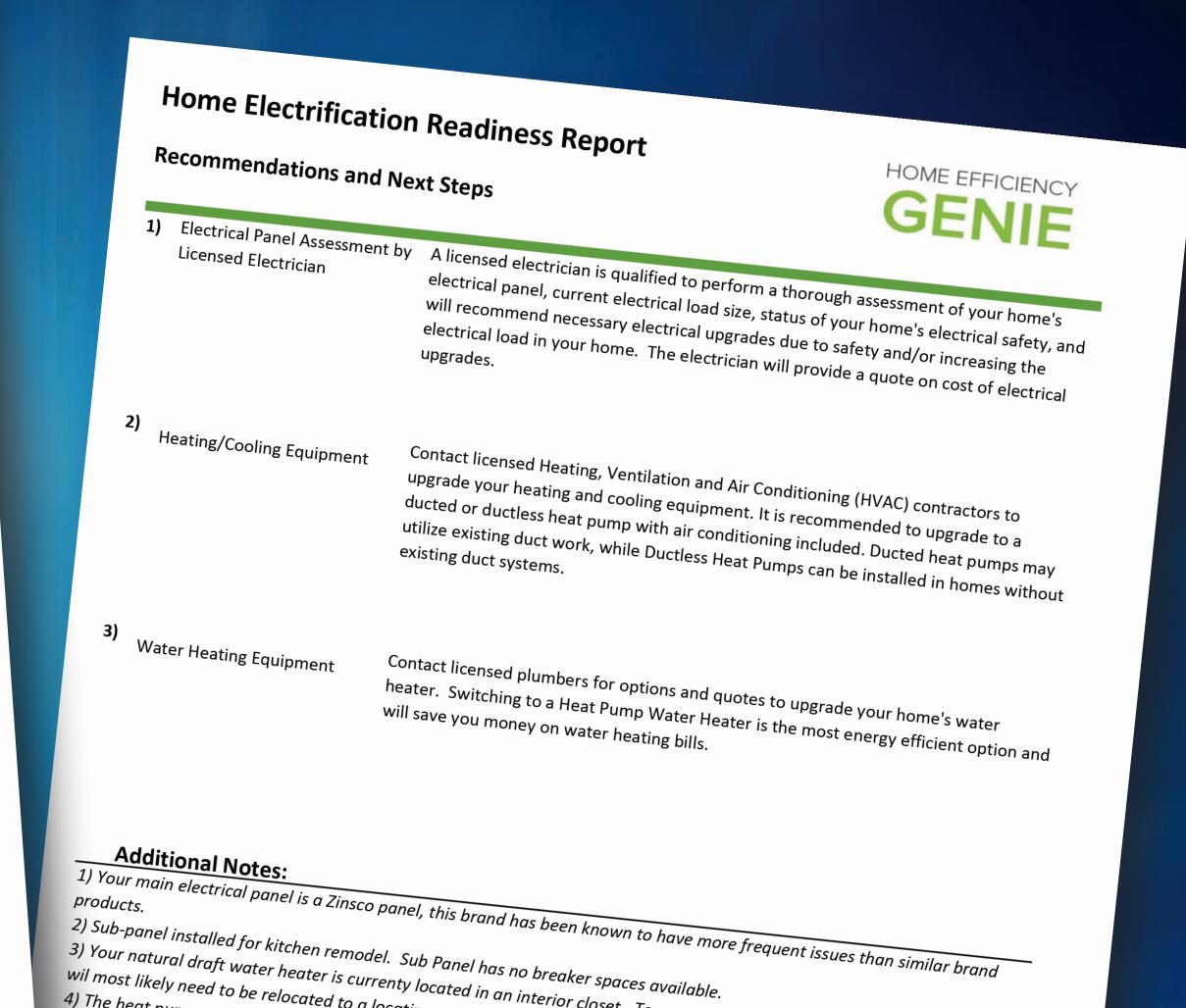


## CityofPaloAlto.org/EfficiencyGenie



				HOME E	EFFICIEN	ICY	
ome Electrification Readiness Report				GE	NI	E	
lamoowper:							
D La Ata (A 94301	Date: 8	8/29/2019					
Car Et : 2 750							
	ther Equ	ipment		e Fauinment: V	es		
lechanical Systems, Appliances, and O	chief Equ		Other Lar	ge Equipment: Ye			
Heating: Gas Furnace	Cooking: Ga			second fridge	Amps =	= Watts/Voltage	
	lar Panels:		Amps:	: <mark>6</mark> Examples: Hot Tub, Po	atio Heater, 2.	nd Freezer, etc.	
	lar Paneis. V Charger: 1		L	LAUINPIES. NOU TOD, T			
Clothes Dryer: Electric EV	v charger.			WARNING			
				a faulty and known	to fail. Upgi	rade highly	
Electrical Panel Details		WARNING These brands of panels are faulty and known to fail. Upgrade highly recommended.					
Zinsco: G E-Sylvallia, Sylvallia		1	MADNING				
Broakers: No breaker space dyaname				necessary, upgrade	'e highly recc	ommended.	
Existing Panel Amps Rating.		Additional	breakers likely	Heccosary, apprac			
Ectimated Existing Amp Load: 00						enario C	
Estimated Amps Available: 20			Sci	cenario B		Amps Needeo	
		enario A	11. 1010	Amps Needed		in portees	
Electrification Upgrade Options	Yes/No	Amps Needed	No		No		
	No	79	Yes	79	No	8	
Add Central Air Conditioning	Yes		No		Yes		
Add Central All Conditioning Gas Furnace to Heat Pump (Ducted/Ductless & AC)	Yes	8	No		No		
Custo Electric or Heat Pump Water Heater	No		No		No		
Gas to Electric Cooktop with Electric Oven	No						
Gas to Induction Cooktop with Electric Oven							
Gas Dryer to Electric Dryer							
List Pump Drver					_		
Gas Dryer to Heat Pump Brye Electric Resistance/Baseboards or Furnace to Heat Pump		_					
(Ducted/Ductless & AC)							
Electric to Heat Pump Water Heater			No		No		
Electric Cooktop/Oven to Induction	No	_	No		No		
Electric Dryer to Heat Pump Dryer	No		No		No		
Line of the second	No		No		No		
Install DC Fast Charge Electric Vehicle Charge	No		No		No		
Install Solar Panels	No	0	N	79		8	
h Bettory Storage		86		158		87	
Additional Allips for epo	oad	166		el upgrade require	ed	Panel adequat	
for Ungrades and Existing E		al ungrade requi			00		
Estimated Amps for Opgrade Panel Upgrade Neede	icu: raik		Alto Desidenti	ial Electrical Load C	Calculator	$i_{r}$ = and (c)	

Disclaimer: Estimated Existing Amps Load is derived from (a) the City of Palo Alto Residential Electrical Load Calculator



**Number of HERA** participants to date:

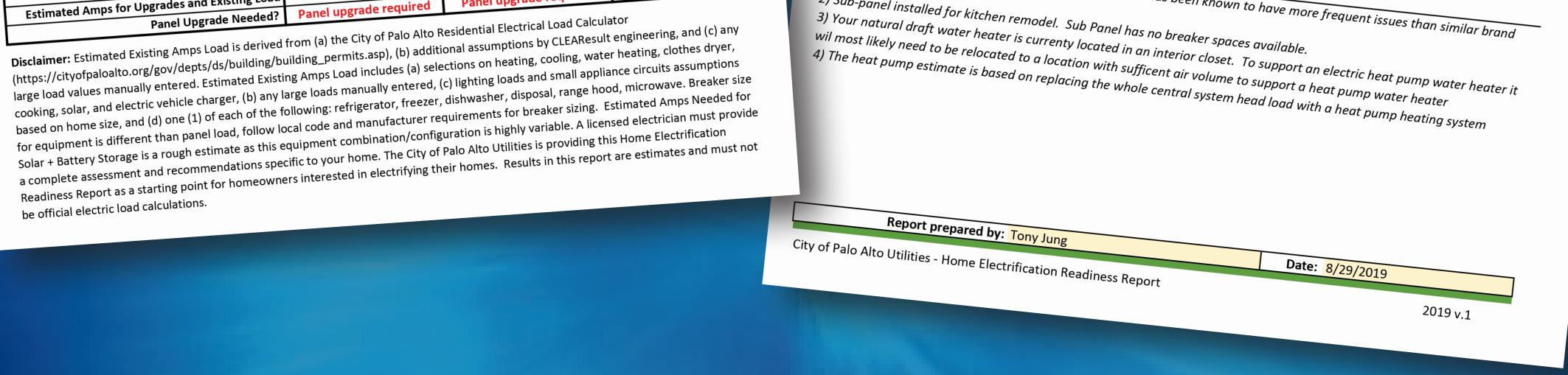
be official electric load calculations.

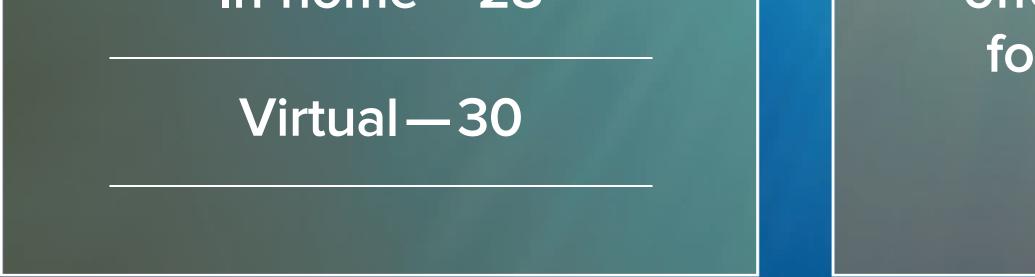
In-home – 28

**HERA** supports CPAU's heat pump water heater rebate program offering up to \$1500 for replacing a gas water heater.

HERA is subsidized by CPAU—the cost to customer is \$49, or included free with either the virtual assessment (\$49) or in-home assessment (\$149).

## FUN FACTS ABOUT HERA:





## CityofPaloAlto.org/EfficiencyGenie

