

The top of the image features a decorative header with four overlapping geometric shapes in shades of orange, yellow, light green, and teal. Below this is a solid light green background.

ALAMEDA GREEN HOMES TOUR



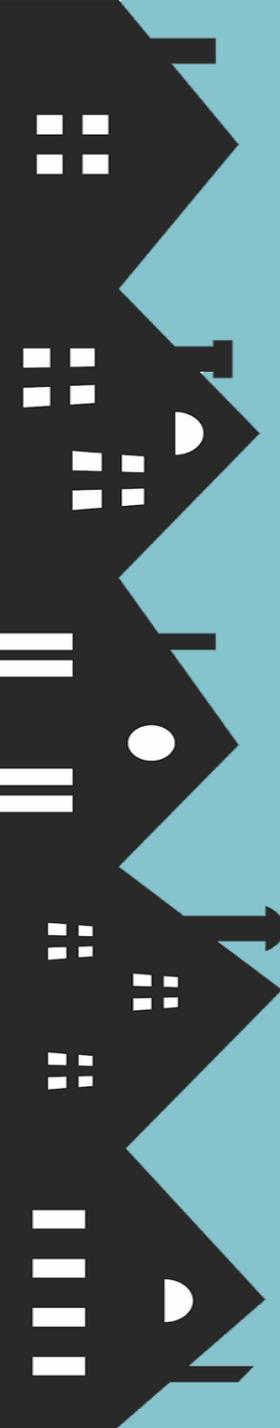


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**ALAMEDA
MUNICIPAL POWER**

POWERED BY *100%* CLEAN ENERGY





Today's Program

10:00 - Climate Challenges in Alameda

10:05 - Tour of Amy's 1920s All-Electric Bungalow

10:20 - Rebates, Contractors, Planning Services

10:30 - Heat Pumps in Local Homes

10:40 - Induction Stoves in Local Homes

10:50 - New Technologies for Green Homes

10:55 - Tips for Afternoon In-Person Tour

Questions & Engagement

Experts from Alameda Municipal Power and QuitCarbon will be on hand to answer your questions!



Q&A

Ask presenters & experts question in the Q & A fields.



Chat

Comment and engage with fellow attendees in CHAT.

CC

Live Transcript

Turn on or off live captions using the CC button.

Alameda's Climate Challenges

HEAT WAVES



AIR QUALITY



DROUGHT



FLOODING



Shrink Your Energy Needs

- Insulation & Leak Sealing
- Double-pane windows
- LED lights
- Program thermostat
- Energy Star appliances
- Smart plugs
- Clotheslines
- Honeycomb shades

Electrify (Get Off Gas)

- Heat pump HVAC
- Heat pump water heaters
- Induction cooking
- Heat pump dryers
- Electric tea kettle
- Instant Pot
- Electric fireplace insert
- EV charging

Use Clean Energy

- Rooftop solar
- Batteries to store solar energy
- Community solar
- Load shifting
- Solar for heating and filtration for pools



Ease Flooding

- Remove impermeable hardscapes
- Permeable pavers
- Flag stones
- Decomposed granite

Conserve Water

- Low-flow faucets, showerheads, toilets
- WaterSense appliances
- Drip irrigation
- Native landscaping
- Greywater systems
- Rainwater catchment
- Water monitoring apps
- Sheet-mulch your lawn

Capture Carbon

- Carbon Farming
- Compost
- Trees and deep-rooted perennials
- Mulch over bare soil
- Avoid synthetic fertilizers, pesticides, and herbicides



HOME TOUR: Amy & Family

Amy & Will's East Bay Bungalow

Filmed for the East Bay Green Home Tour





Got Questions?

- Do I have to upgrade my electrical panel?
- Where can I get rebates?
- Are heat pumps noisy?
- Which appliance should I replace first?
- How do I find a contractor?
- Will my pots and pans work with an induction cooktop?
- Where in my home could I fit a heat pump system?
- How do you cook when the power goes out?
- Can I afford any of this???



QuitCarbon

Cooper Marcus Founder, QuitCarbon

- Free home electrification planning services
- Qualified contractors
- Up-to-date on available rebates and incentives

Heat Pumps in East Bay Homes

Greatest Hits from the East Bay Green Home Tour



New Green Technologies: 120-Volt Appliances

120V Heat Pump Water Heater



- Makes it easier to replace gas water heater
- Plugs into a regular 120V outlet - no need to install 240V outlet
- No need to upsize your 100-amp panel
- No back-up resistance heating (slower recovery)
- Must cap gas line & run condensate to drain

Channing Street Copper “Charlie” Induction Range

- Easier to replace gas stove
- Plugs into a 120V outlet - no need to install 240V outlet
- Built-in back-up battery means you can cook during power outages



New Green Technologies: Heat Pumps Systems

Harvest Heat Pump System

- One heat pump heats water and air
- The system's "brain" only draws electricity when it's cleanest and cheapest (middle of the day)
- Large water tank functions like a battery
- Uses minimal energy
- Helps the overall grid



Gradient Window Heat Pump

- All-in-one unit straddles window sill and plugs into a 120-volt outlet
- Takes only 15 minutes to install (DIY)
- Won't block your view or ability to open the window
- No permit needed
- Quiet
- Take it with you when you move!



New Green Technologies: EVs as Power Backup

V2L: Vehicle to Load

- Plug-in inverter can power wifi, lights, fridge, TV via extension cord.
- Some Kia, Hyundai, and Ford models have built-in outlet.



V2H: Vehicle to Home

- connects to electric panel and sends power to home
- Quasar Wallbox



Induction Cooking in East Bay Homes

Greatest Hits from the East Bay Green Home Tour



Find Rebates & Contractors



THE SWITCH IS ON

switchison.org

Zipcode



Home Function



SEARCH

SEARCH

for local incentives
by location,
specialty and more.

CONNECT

with trusted
contractors, in our
contractor directory

ENJOY

the benefits of your
new electric
appliance.

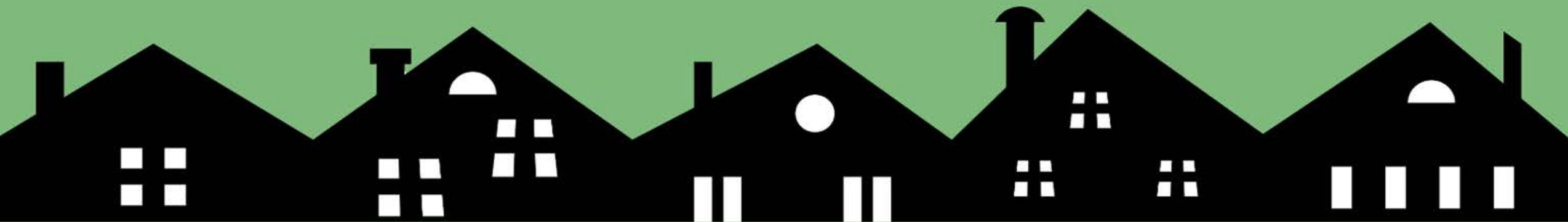
www.alamedamp.com/rebates

Tips for Open Houses: 1 - 4PM

- Check your email inbox for tour map and addresses.
- Check home details for special features and experts.
- Some homes request shoes off or masks on inside.
- Biking means easier parking!
- Please give us feedback! **Survey in your inbox later.**



ALAMEDA GREEN HOMES TOUR



Thank You!



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