



REGULAR MEETING MINUTES

Date: 10/21/2020

Time: 5:00 p.m.

Regular Meeting Location: Zoom.us/join – ID# 915 4675 0502

A. Call to Order

Chair Price called the meeting to order at 5:08 p.m.

B. Roll Call

Present: Elkins, Gaillard, Kabat, London(Vice Chair) (exited the meeting at 7:31 p.m.), Martin, Payne, Price (Chair)

Absent: None

Staff: Rebecca Lucky- Sustainability Manager, Judi Herren-City Clerk

C. Public Comment

None.

D. Regular Business

D1. Approve September 16, 2020 minutes

Chair Price introduced item.

ACTION: Motion and second (Martin/London) to approve September 16, 2020, passed 5-0-2 (Elkins and Payne abstained).

D2. Review commission/committee policies and procedures, roles and responsibilities.

City Clerk Judi Herren made the presentation.

- Peter Edmonds provided comment on the limitations of having a dialogue with the commission due to only being able to provide comment once during an agenda item in a public meeting.

Commissioner London left the meeting at 7:31pm.

The Commission took a break at 7:42 p.m.

The Commission reconvened at 8 p.m.

D3. Informational presentation from Revolv regarding services that help cities transition to a more sustainable vehicle fleet

Chair Price introduced item.

- D4. Informational presentation from YellowTin regarding services that use a cloud-based platform to educate and empower people to make informed decision regarding building electrification

Chair Price introduced the item.

YellowTin representative made a presentation (Attachment).

- D5. Informational presentation from Climate Solutions Net regarding services that use an online tool to help community members reduce greenhouse gas emissions

Chair Price introduced the item.

Climate Solutions Net representative made a presentation (Attachment).

- D5. Discuss Chair's quarterly/annual report to City Council

Chair Price introduced the item.

ACTION: By acclamation, the Commission directed the use of the Chair's content for the quarterly/annual report to City Council.

E. Reports and Announcements

- E1. Reports and announcements from staff and commissioners

F. Adjournment

Chair Price adjourned the meeting at 10:32 p.m.

Rebecca Lucky, Sustainability Manager

These minutes were approved on February 25, 2021 by the Commission.

YellowTin



We Inspire Every Home To Electrify With Clean Energy.

info@yellowtin.com



Residential Electrification Engagement Platform

Benefits to your residents:

- **Explore** a range of clean energy options.
- **Get** personalized insights & recommendations.
- **Develop** their *Roadmap* to an electric future.
- **Act confidently**, making informed decisions.
- **Receive** notifications about on-going opportunities to save.



Access To REEP

The screenshot shows a web browser window displaying the City of Menlo Park website. The browser's address bar shows 'http:// MenloPark.org'. The website header includes the City of Menlo Park logo and navigation links for Government, Our Community, Services, Doing Business, and I Want To... A search bar is also present. The main content area is titled 'Climate Action Plan' and includes a sub-header 'Climate Action Plan milestones' followed by a list of events from 2005 to 2020. A green box with the word 'Button' is overlaid on the right side of the page content, with an arrow pointing from it to the right.

Clicking on **Button** opens new tab to Menlo Park-branded YellowTin onboarding process.



My Info



1 MY INFO

2 ENERGY CHOICES

3 ENERGY INFO

Already have an account?
[Login here.](#)

Explore clean energy savings

Begin by providing information on your home, energy usage and future plans.




City of Menlo Park partnered with YellowTin to better serve your needs. By clicking "Continue", you agree to YellowTin's [Terms of Use](#) and [Privacy Policy](#).

CONTINUE



Energy Choices



1 MY INFO

2 ENERGY CHOICES


3 ENERGY INFO

Energy choices

This information will help determine your total energy needs.


Solar & Battery

Power My Home
Solar




Up to \$60,000 savings

Forget Outages
Battery backup



Clean Transportation


Electrify My Ride
Electric vehicle



Interested


Home Appliances

Super Efficient
Water Heater




Up to \$60,000 savings

Stay Comfortable
Heating & Cooling




Not Interested

Enjoy Cooking
Cooktop



Already have

Dry Efficiently
Clothes Dryer



Up to \$60,000 savings

CONTINUE



Energy Info



1 MY INFO

2 ENERGY CHOICES

3 ENERGY INFO

Energy Info

Your usage will help determine the right clean energy solutions.

Share My Data

Authorize PG&E to share your energy data

Manual Estimate

Provide a rough estimate of electricity costs

City of Menlo Park recommends sharing your energy data via the [PG&E Share My Data](#) platform.

The detailed energy data we receive will allow us to more accurately calculate your savings and recommend optimal clean energy choices.

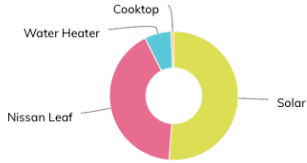


Secure link to share your data only with [YellowTin](#).

[LOGIN TO PG&E ACCOUNT](#)

Dashboard View

Savings Overview: DOLLAR CARBON Time frame: 1 year



\$2,455
1 year combined energy savings
[How is this calculated?](#)


Save more with [our recommendations!](#)

Start saving now! [Request Quote](#)

Your Selections


Here are your interested energy choices. Begin to explore and plan your clean future.

Power My Home ✕
5.4kW Solar
Monthly payment: \$118




\$1,721
1 year energy savings

Electrify My Ride ✕
Nissan Leaf
Net cost: \$22,614




\$1,391
1 year energy savings

Super Efficient ✕
Water Heater
Net cost: \$2,500



\$224
1 year energy savings

Enjoy Cooking ✕
Cooktop
Net cost: \$1,500




\$23
1 year energy savings

Recommendations for you


Consider adding to your selections to further build your savings portfolio.

Forget Outages +
Battery
Net cost: \$17,020




\$0
1 year energy savings

Stay Comfortable +
Heating & Cooling
Net cost: \$16,000




\$678
1 year energy savings

Dry Efficiently +
Clothes Dryer
Net cost: \$1,100



\$79
1 year energy savings

Quickly Save +
Low-Cost Efficiency
Net cost: \$600



\$160
1 year energy savings

EV Details

Electric Vehicle 1

Electric vehicles are fun to drive, with lots of pep. More importantly, they can save you a lot on your energy and maintenance costs. Even better, with no tailpipe emissions, an EV is a very effective way to cut your carbon emissions.



\$22,614
MSRP after incentives

\$32,914 <small>MSRP</small>	\$10,300 <small>Incentives</small>
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20 YEAR 1 YEAR 1 MONTH

DETAILS

Make & model [Help me choose](#)

Nissan Leaf ▼

Financing

Cash ▼

Annual miles [Ⓞ]

10000

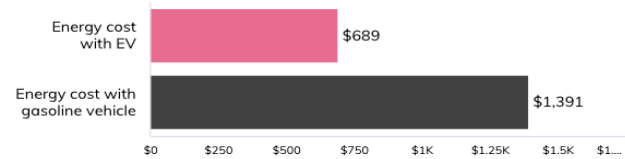
Home charging [Ⓞ]

100% ▼

SAVE DETAILS

Your 1 year projected energy savings is **\$702**

Energy savings = Energy cost with gasoline vehicle - Energy cost with EV



Adding solar to your selections will increase your energy savings. This is because your solar system will be sized to produce enough energy to charge your electric vehicle, thus zeroing out your energy cost with EV.

[Technical Details](#) ▼

[Basic Information](#) ▼

ASSUMPTIONS

Gasoline price per gal	\$3.2
Gasoline vehicle MPG	23
Gasoline escalation rate*	4.4%
Electricity escalation rate*	4%
Sales Tax	9.75%

* Annual rates applied only to 20 year analysis

Thank You!

Vishwas Ganesan

Empowering Communities on Climate Solutions

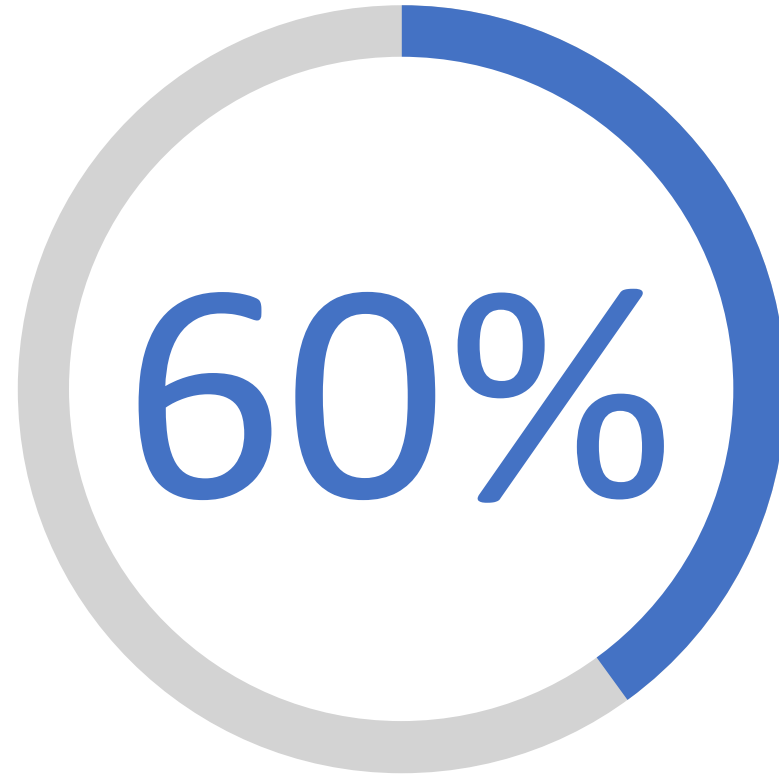
COMMUNITY CLIMATE SOLUTIONS

Building a safe, healthy future

October 2020



Menlo Park CAP Emissions



4 Basic Household Activities

We Have Solutions



Our Mission

Empower Menlo Park Residents on Climate Solutions

How it works



Create your profile



Take sustainable actions



Work together

City Platform



New - Company, Org & University Programs

THE *Episcopal* CHURCH 

GET STARTED

Login

SUSTAINING EARTH, OUR ISLAND HOME

A Call to

ASU Arizona State University

GET STARTED

Login



1550
HOUSEHOLDS
PARTICIPATING



SUN DEVILS TAKING CLIMATE ACTION

To be a Sun Devil is to be sustainable.



15
HOUSEHOLDS
PARTICIPATING



4
TONS CO2E
REDUCED/YEAR



8
ACTIONS COMPLETED



Join the Cleaner Contra Costa Challenge to create a cleaner, healthier community and save money!

[JOIN THE CHALLENGE](#)

[WHY JOIN? →](#)



1,000

HOUSEHOLDS BY SEPTEMBER
2020 PARTICIPATION GOAL



500

TONS OF CO₂ BY SEPTEMBER
2020 REDUCTION GOAL

TOP COMMUNITY GROUP

St. Timothy's, Danville

TOP TEAM

Rossmoor Climate Crusaders Team

Join the San José Climate Smart Challenge and live better today for tomorrow!

[JOIN THE CHALLENGE](#)

[WHY JOIN? →](#)



500

HOUSEHOLDS BY DECEMBER
2020 PARTICIPATION GOAL



250


TONS OF CO₂ BY DECEMBER
2020 REDUCTION GOAL

TOP COMMUNITY GROUP

Environmental Services Department

TOP TEAM

Guinea Pigs



Join the Menlo Green Challenge to lower your impact, save money and help create a clean energy future!

[JOIN THE CHALLENGE](#)

[WHY JOIN? →](#)



800

HOUSEHOLDS BY DECEMBER
2019 PARTICIPATION GOAL



500

TONS OF CO₂ BY DECEMBER
2019 REDUCTION GOAL

TOP COMMUNITY GROUP

Trinity

TOP TEAM

The Clean Dream

Discover Your Impact & Track Progress



Your Household

Appliances

Heating/Cooling

Utility Info

Transportation





Food & Waste

Let's talk about your kitchen & laundry

The appliances you use in the kitchen and for washing and drying clothes all impact your household footprint.

What kind of stovetop do you have?

The stovetop is where the burners are (not the oven). Some stoves have different fuel for the stovetop and the oven, so we will ask about both. This one is pretty easy, if you see a flame, it is gas or propane. If not, it is likely electric.

 We have a gas stovetop	 We have an electric stovetop	 I'm not sure	 We don't have a stovetop
---	---	---	---

How often do you use your stovetop?



Never

We rarely use our stovetop

Sometimes

We use our stovetop at least once a week

Often

We use our stovetop 3-5 times/week

Daily (low)

We use our stovetop once a day

Daily (high)

We use our stovetop

Discover Your Starting Impact

My Impact

My Direct Impact Baseline - 20.2



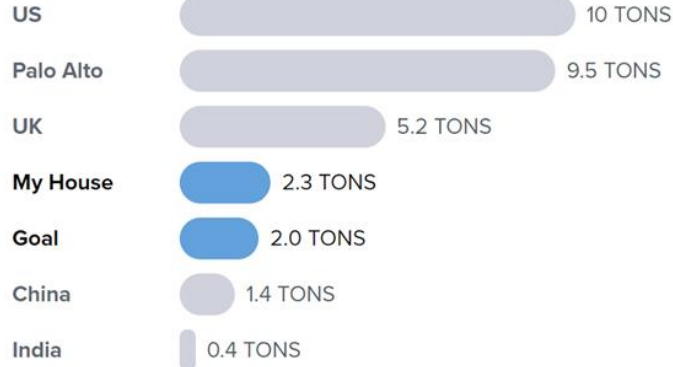
Metric Tons CO_{2e}

My Current Impact

 **9.2** TONS CO_{2E} PER YEAR

 **2.3** TONS CO_{2E} PER PERSON PER YEAR

How Do I Compare



What to do with old bulbs?

What have you done with them?



 Comment

 0  0

Write a comment...



Sonoma City Test 3

06/21/2019

 Switch to LEDs >

test post

test post

Find Actions Right for Your Household



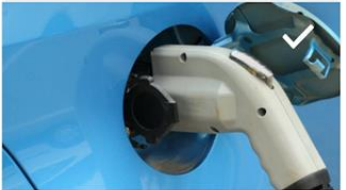
☰ Action Categories

🔗 Recommended Actions



The Big Actions 12

These actions will make a big impact.



Buy or Lease an Electric Vehicle



Install Electric Heat Pump Heater



Reduce Air Travel



Take the Train or Subway

The Big Actions



The Big Actions 12

These actions will make a big impact.



Buy or Lease an Electric Vehicle

Ditch the gas pump for BIG savings

☆ Challenging ⬆️ 14,910 💰 1,780



Install Electric Heat Pump Heater

Go heat pump for a big impact!

☆ Challenging ⬆️ 5,790 💰 120



Reduce Air Travel

Consider exploring closer to home

★ Medium ⬆️ 3,200 💰 800



Take the Train or Subway

Relax, read a book—all on the way to work

★ Medium ⬆️ 3,160 💰 80



Install Electric Heat Pump Water Heater



Install Solar Panels



Eat Lower Down the Carbon Chain



Take the Bus

Find Actions Right for Your Household



☰ Action Categories **🔗 Recommended Actions**

Refine your results: What is most important to you?
Recommendations based on your Energy Profile

Priority **Add a filter** **Renter Friendly**


Impact Savings / Year

Difficulty **All levels** ▾

Upfront Cost **All** ▾

Time Required (hours) **All** ▾


Renter Friendly



Buy or Lease an Electric Vehicle

Ditch the gas pump for BIG savings


☆ Challenging ★ 14,910 \$ 1,780



Telecommute

Skip the commute and work from the comfort of home


★ Medium ★ 5,030 \$ 1,490



Buy or Lease a Hybrid Vehicle

Find out what it's like to only fill up once in a while

★ Medium ★ 7,180 \$ 990



Reduce Air Travel

Consider exploring closer to home

★ Medium ★ 3,200 \$ 800

Custom Estimates on Savings & Impact

Install Electric Heat Pump Water Heater

What kind of water heater? Heat pump water heaters work just like an air conditioner, but in reverse. They are highly efficient electric water heaters and are the best option for both low cost and low impact on climate.

[VIEW DISCUSSION](#)

[+ CREATE POST](#)

Your Impact **3420 points** 

[SHARE](#)

UPFRONT COST

\$1500 - \$3000

\$\$\$\$

TIME COMMITMENT

4.0 hours

RESOURCE SAVINGS

179 Therms Natural Gas

ANNUAL SAVINGS

\$40

Information and How-To Guides

Introduction

✓ Learn more about Heat Pump Water Heaters

Completed: 03/25/2019

✓ Learn about cost and when to upgrade

Completed: 03/25/2019

✓ Choose your new water heater & install

Completed: 03/25/2019

✓ Choose the best settings and maintain your HPWH

Completed: 03/25/2019

Congrats! Switching to an electric HPWH is a great way to save energy and money while reducing your impact. Here are a few tips now that you have your new heater:

Choose the best settings. Your HPWH likely has a control panel that allows you to select from different modes. Here are a few:

- **Efficiency/Economy** – This mode only uses the heat pump to heat water and maximizes energy efficiency and savings.
- **Auto/Hybrid** – This is probably the default setting for your water heater. It provides energy-efficient water heating first, but will switch to the standard electric heat element if it's too cold to use the heat pump, or if you need to heat water faster (everyone wanted to shower at the same time). This is the best



Custom Resources



Resources

REBATE/CREDIT

BayREN Home+

Cash rebates for home energy improvements

REBATE/CREDIT

Heat Pump Water Heater Rebate

Rebate for installing a new electric heat pump water heater.

PROGRAMS

Home Efficiency Genie

On-demand efficiency experts and professional in-home energy and water assessments subsidized by the City of Palo Alto Utilities.

FINANCING

Finance Your Home Clean Energy Project through your Property Tax Bill

Find loan options for home energy & water upgrades through Property Assessed Clean Energy (PACE) Financing



Tracking Household Progress



My Progress



31,420

TOTAL POINTS



21

ACTIONS COMPLETED



\$3,220

SAVINGS/YR

9.9
TONS

9.9 TONS

9.9 TONS

21,826 LBS

PER/YR.REDUCED



CONGRATS! YOU'VE REACHED THE PLUGGED IN LEVEL! ?

RANK

4

TEAM

Cool Champs

2

COMMUNITY GROUP

The Scooter Club

2

NEIGHBORHOOD

Midtown

EV Ride and Drive event

Calling for volunteers for the EV Ride and Drive event! Bring your EV or electric scooter and join us Sunday, April 21st. We hope you can make it!

National Drive Electric Week



Comment

1 0



Jen & Joe's House

I'm in!

edit reply delete ...

09/19/2020

Write a comment...

Team Page



Cool Champs
The most awesome team!

Team Rank #4

Welcome Team Leader! Here are a few tips to get started:

INVITE TEAM MEMBERS

Team progress

 **31,420**
TOTAL POINTS

 **21**
ACTIONS COMPLETED

 **\$3,220**
DOLLARS SAVED

Create post

 Jen & Joe's House 06/12/2019

 Cool Champs >

EV Ride and Drive event

Hi all, looking for volunteers for the upcoming EV Ride & Drive event! Please contact Joanne if you can make it.



Comment 0 1

Write a comment...

Community Group Page



The Scooter Club

Hi Scooter Club friends! We are excited to join the PA Go Carbon Free Challenge and take actions together to create a better future! Check out our page for updates and to help each other succeed.

Our impact



52,810

TOTAL POINTS



34

ACTIONS COMPLETED



\$5,070

DOLLARS SAVED



17

TONS CO₂E



2,190

KWH SAVED



217

THERMS



960

GALLONS



56,723

GALLONS

Create post



Jen & Joe's House

03/01/2020



The Scooter Club >

EV Ride and Drive event

Calling for volunteers for the EV Ride and Drive event! Bring your EV or electric scooter and join us Sunday, April 21st. We hope you can make it!

National Drive Electric Week



Comment

1 0

Creating Citywide Challenge

Citywide Marketing/Engagement Campaign:

- **Branding**
- **Banners/Posters**
- **Lawn Signs for All Electric/Renewable households**
- **Monthly (Virtual) Events**
- **Block teams/Neighborhood Challenges**
- **Community Group Engagement**
- **Student programs**

COMMUNITY CLIMATE SOLUTIONS

Building a safe, healthy future

Lisa Altieri

laltieri@communityclimate.org

communityclimate.org