



# Climate Action Plan (CAP) Implementation Period Community Engagement Meeting

## Spring 2023 Meeting Minutes

Topic: Electric Vehicles

Date: Wednesday, April 19, 5:00pm MT

Platform: Zoom

Recording: <https://youtu.be/yJknM0cceCo>

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### Attendees (25 total)

#### Facilitator

Sandra West from the City’s Sustainability Office

#### Notetaker

Denise Gonzalez, the City’s Sustainability Specialist

#### Speakers

- Albert Lee, the City’s Sustainable Transportation Specialist
- Chris Payton, the City’s Associate Director of Transit
- John Williamson, PNM’s point person for their transportation electrification programs

#### Other Attendees

- Kelsey Rader, the City’s Sustainability Officer
- Nineteen other people attended the Zoom meeting.



## Agenda

- Opening and introduction
  - Sandra introduced presenters and provided a brief topic overview.
  - Albert provided a brief topic overview and an overview of City and Sustainability Office initiatives.
- Topic-related presentations
  - Chris shared updates on Transit's Zero Emissions Plan.
  - John provided an overview of PNM's transportation and electric vehicle programs.
- Feedback and Q&A
  - Sandra shared the survey link, including a brief overview of the timeline, what the data will be used for, and why it is important to fill out the form. Then she opened the floor to questions.
- Closing
  - Sandra wrapped up the meeting, resent the survey link, and thanked presenters

## Use of Public Feedback

The questions, comments, and survey results are shared with relevant City Department staff so that they can integrate the input into their CAP-related work. Additionally, survey demographic information along with the number of attendees and survey responses is used to help the Sustainability Office gauge community engagement and to improve the program in future years.

Per comments and an effort to improve the survey, future surveys will reflect a change in the demographics section. The selection options for the question that states "Please select all that match how you self-identify:" will include the following options: Binary gender (male/female), Non-binary gender, and Other.

Much of the feedback will take longer to integrate into City programs/projects. Updates on CAP-related programs/projects, including incorporating public input, will be included in future Climate Action Plan Implementation Reports.

## Questions (in the order they were received)

### Questions Answered During the Meeting

Note: please review the recording for answers to these questions.

- Has there been research done into implementing non-lithium battery storage for large-scale, stationary storage and/or charging stations; such as saltwater batteries, and iron-flow batteries?
- What is CNG? (answered by Albert L.)
- Are vans electric? What do fuel cells use for fuel? (answered by Chris Payton and Albert L.)
- How long does it take to charge an electric bus? (answered by Chris P.)
- I keep hearing comments about EVs of all types placing an additional demand on the grid - do you have enough generation and transmission/delivery capacity for EVs? (answered by John W.)
- How much of PNM's electricity comes from solar? (answered by John W.)
- ICE/EV car share program? (answered by Albert L.)
- Chris, is your work coordinated with ABQ Ride Forward? (answered by Chris P.)
- Is there a plan of when PNM will begin installing the EV meters for EV charging rates? (answered by John W.)
- There's a large gap between public perception and transit, how will that be addressed? (answered)



- Colton Dean: What is the source for Hydrogen? Why can't electric buses be connected via wire like other cities? (answered)

### Remaining Question(s) and Response(s)

**Q1:** What is the public outreach/education plan and budget?

**A1:** The City will be building on the current Climate Action Plan Implementation Period outreach efforts and budget with support from the Climate Pollution Reduction Grant, and the budget will be publicly announced and available later this summer.

## Comments

### Verbal Comments

- None provided.

### Comments Placed in the Chat

- Until the high crime is addressed, it will be almost impossible for Albuquerque citizens to feel safe enough to even the use the bus system.
- Thank you all for the great information shared tonight!

### Written Comments Submitted Before or After the Meeting

**Prior to the Meeting:** None.

**After the Meeting:** None.

## Survey Results

Eight responses were collected using the English form (zero responses using the Spanish form) while the survey was open (April 19, 2023 through May 31, 2023). In this section, you will find a summary of the outreach, survey results by program, demographics, and survey feedback on the engagement program.

### Outreach Overview

The survey was shared with community engagement meeting attendees, linked to the Climate Action Plan webpage, advertised three separate times on social media, and shared by others. The Sustainability Office is exploring additional outreach methods and pathways to increase the reach and responses for future events and surveys.

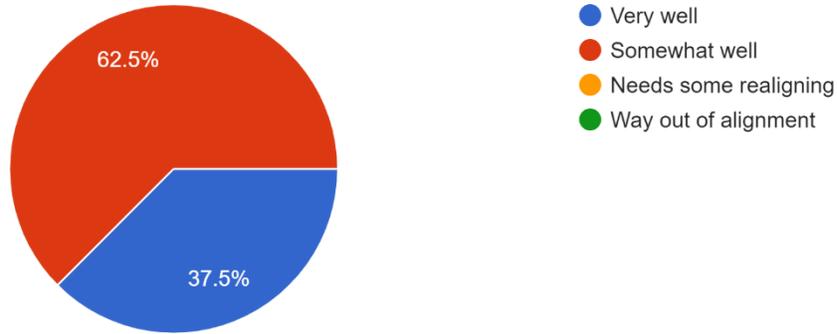


## Survey Results by Program

### Zero Emissions Plan

How well do you think the Zero Emissions Plan currently aligns with the community goal of protecting Albuquerque’s natural environment?

8 responses



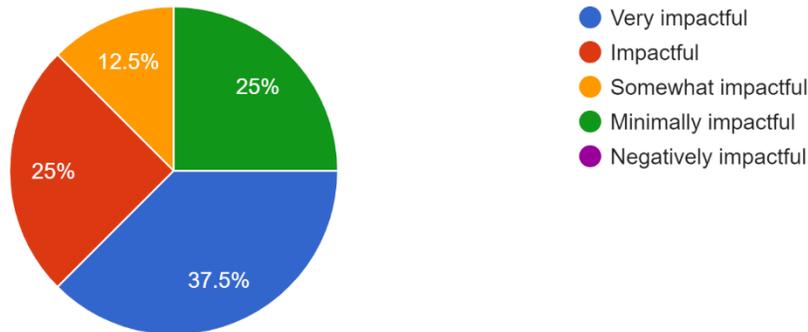
Please name ONE way the City could improve the Zero Emissions Plan to better protect Albuquerque’s natural environment. (8 responses)

1. I wonder if it might be more worthwhile to hold off on major investments until city based EVs are purchased more heavily.
2. I am glad that active transportation is listed as a component of the Zero Emissions Plan, and the problems with car-centric urban planning were discussed. I am concerned that this focus will be lost or weakened in implementation. Reducing car dependency needs to be a primary goal of the Zero Emissions Plan.
3. Curb Side Composting
4. Big financial incentives for those needing this
5. PROMOTION
6. Outside financing available for new vehicle purchase
7. These documents weren’t close to this survey and I could not find and revie them to give you good feedback, so maybe consider rearranging your website for a start.
8. No more permits for drive thru businesses---banks, fast foods, coffees. HUGE amounts of emissions from cars idling at drive thrus!!!!



How impactful do you think the Zero Emissions Plan will be for improving equitable sustainability in Albuquerque?

8 responses



Why? (8 responses)

1. ABQ continues to grow and I think that, during that growth, planning for clean or 0 emissions is great planning.
2. Private vehicle use is inherently expensive and incompatible with equitable transportation. Making EVs available in situations where no other mode works is somewhat helpful, but reducing the occurrence of car dependency is even better.
3. The busing system is one of the best ways to reduce emissions and this plan does not tie in greater access to public transit.
4. You're not helping the poor enough
5. Time's running out to turn this sucker around.
6. This will help the population move away from fossil fuels
7. Because reducing emissions now will reduce the impact on vulnerable populations, who get the worst impacts, in the future.
8. Uh... because it will make a difference!

Do you have ideas for increasing the positive impact of the Zero Emissions Plan for frontline communities? If so, please provide them in the box below. (5 responses)

*Note: Frontline communities include Indigenous, Black and other communities of color, as well as communities of low-income and other groups that face greater exposure to pollution and climate hazards with more limited resources to respond.*

1. Educate the audience of the costs of purchasing / maintaining deiseal vehicles over the long-term and investing in EVs
2. No incentive for planting trees in these communities or increasing green spaces and no plan to increase busing infrastructure.
3. PROMOTION



4. Find a way to make EVs and other sustainable solutions both attractive and affordable for folks who are struggling to get by instead of just the upper middle class and above.
5. Bring back bike share programs!!!!

Do you have any concerns (e.g., unintended consequences) directly related to the Zero Emissions Plan that you would like to share? If so, please provide them in the box below. (4 responses)

1. As we transition to EVs, I think homeowners will want to invest more into residential solar. Focusing on transformer and grid upgrades to allow for that will allow people to feel more comfortable in transitioning to EVs.
2. EVs will still need parking spaces, which are a poor use of land. Adding EV chargers to parking lots may reduce the incentive for densification and reducing parking minimums.
3. Most of us can't afford to improve anything
4. no

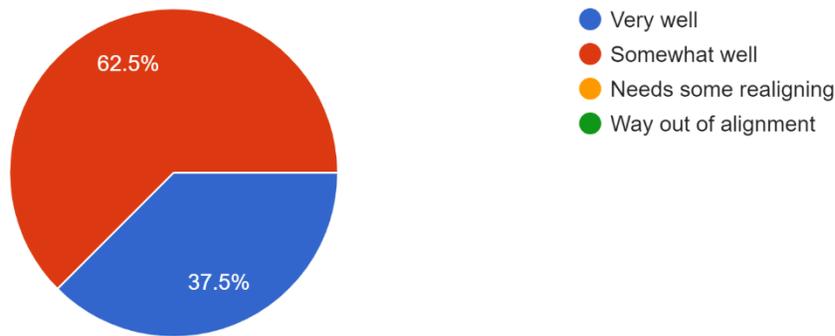
Other comments regarding the Zero Emissions Plan? (3 responses)

1. A former mayor of Bogota, Enrique Penalosa, said “A developed country is not a place where the poor have cars; it’s where the rich use public transport.” This quote should be a guiding principle of the Zero Emissions Plan.
2. I like the concept but I am not sure large impact items were considered because they are not hot topics.
3. PROMOTION

### PNM’s Transportation and Electrification Programs

How well do you think PNM’s Transportation and Electrification Programs currently aligns with the community goal of protecting Albuquerque’s natural environment?

8 responses



Please name ONE way the City could improve PNM’s Transportation and Electrification Programs to better protect Albuquerque’s natural environment. (6 responses)

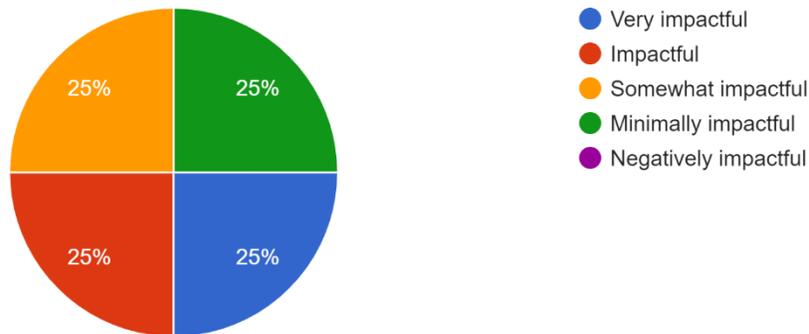
1. I assume that PNM has plans for grid maintenance in areas where there may be high energy demand.
2. Need more rural stations and a map of stations



3. Expand rebate offerings
4. PROMOTION
5. See prior comment
6. congestion pricing

How impactful do you think PNM's Transportation and Electrification Programs will be for improving equitable sustainability in Albuquerque?

8 responses



Why? (8 responses)

1. Education of the benefits of using EVs. Show costs and savings over the long-term and have multiple virtual or in person meetings to allow people to ask and answer questions.
2. This is a useful piece of what should be a small part of overall transportation reform.
3. People who can afford electric vehicles will purchase them and utilize the charging infrastructure but those who cannot afford an EV cannot benefit.
4. See above
5. lack of PROMOTION
6. Opportunities
7. Again, it would be nice to have these documents all together near this survey on your site.
8. It doesn't actually get drivers out of their cars

Do you have ideas for increasing the positive impact of PNM's Transportation and Electrification Programs for frontline communities? If so, please provide them in the box below. (4 responses)

*Note: Frontline communities include Indigenous, Black and other communities of color, as well as communities of low-income and other groups that face greater exposure to pollution and climate hazards with more limited resources to respond.*

1. PNM should switch over its infrastructure to clean energy more quickly, this will allow cleaner air in areas where PNM generates energy which will impact these communities.
2. PROMOTION
3. See prior comment
4. Rebates take time and forms that pose real challenges for many. Make it EASIER!!!!!!



Do you have any concerns (e.g., unintended consequences) directly related to PNM's Transportation and Electrification Programs that you would like to share? If so, please provide them in the box below. (1 response)

1. lack of PROMOTION

Other comments regarding PNM's Transportation and Electrification Programs? (1 response)

1. Yep. PROMOTION

### Constructive Input for Project Implementers

Besides providing our City cleaner air and displace carbon emissions, what other advantages are there for cities to transition to a zero-emissions bus and van fleet? (7 responses)

1. It puts ABQ in a cutting-edge position that might attract businesses and investments.
2. Easier to work onboard a quiet electric bus than trying to concentrate while sitting next to a noisy engine.
3. It makes the City look good.
4. We provide and strengthen a market for clean energy
5. The continuation of life as we know it?
6. Lower maintenance vehicles and cheaper fuel.
7. Well, if it made people leave their cars, it would make our city safer, too. That's "IF."

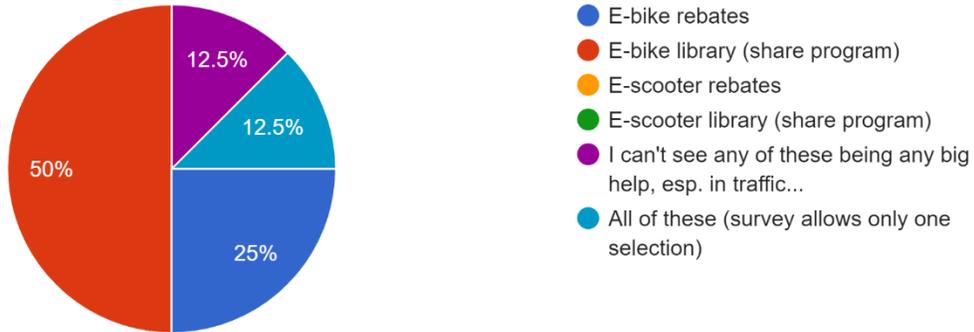
The cost to purchase a zero-emissions electric bus is almost twice the cost of a diesel bus. Is there any point in which cost might be a factor in purchasing zero-emissions buses? (7 responses)

1. If the purchasing of electric busses is budgeted for and has a slow trajectory of investment, i don't think the cost is a main issue.
2. When the cost becomes comparable to a tram or trolley, then the tram should be selected instead. The cost of treating pollution-related illnesses should also be included with diesel buses.
3. Of course but this should not be a factor based on federal funding
4. Survival
5. no
6. So go in phases. You figured out a way to fund ART, so you can figure out a way to fund something actually useful
7. The cost of fossil fueled transportation is far, far higher.



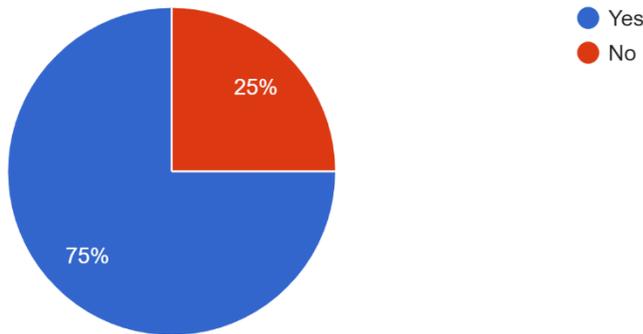
To help the City gauge interest in other micro-mobility options, please select any/all of the micro-mobility options listed below that you would use if available?

8 responses



Are you interested in participating in an electric car share program?

8 responses



Why or why not? (7 responses)

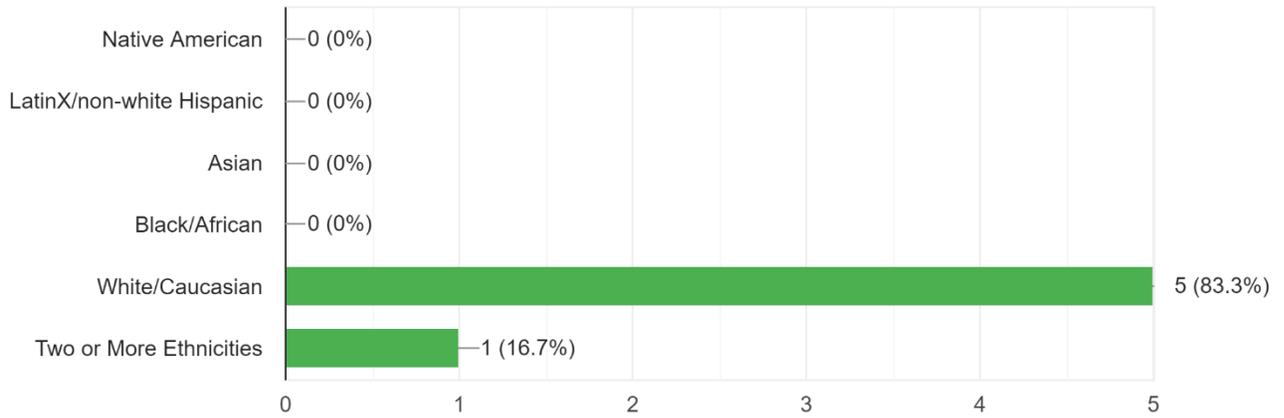
1. I already own an electric vehicle but the idea seems like a good one. Sounds like the electric scooter around UNM area.
2. I drive infrequently, but still need a car for destinations outside my regular routine. I would like to be able to give up private car ownership if a car share program was available.
3. It would allow me to access an EV at times when I do not have access to one, especially if placed near bus stations.
4. I can't afford any e-car myself
5. Can't afford an EV right now
6. I am already looking to trade in my gas vehicle for an EV when prices get low enough, so I'm not interested in sharing cars
7. I can't afford an electric car myself



### Survey Respondent Demographics

Please select all that apply to you:

6 responses



Please select all that match how you self-identify:

6 responses

Binary gender (male/female): 0 (0%)

Non-binary gender: 0 (0%)

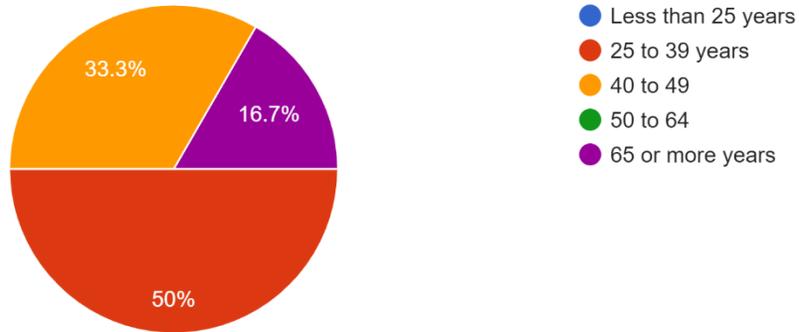
Cis-gender (male/female): 4 (66.7%)

LGBTQ+: 2 (33.3%)



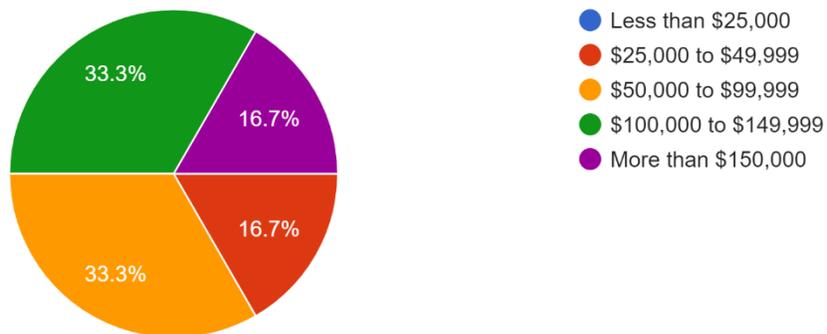
### Age

6 responses



### Household Income

6 responses

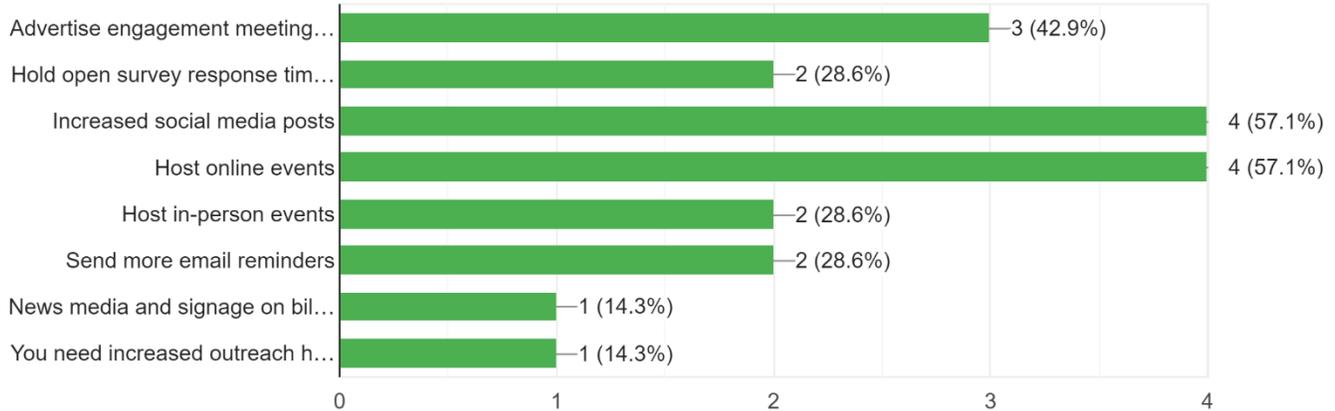




### Survey Feedback on the Engagement Process

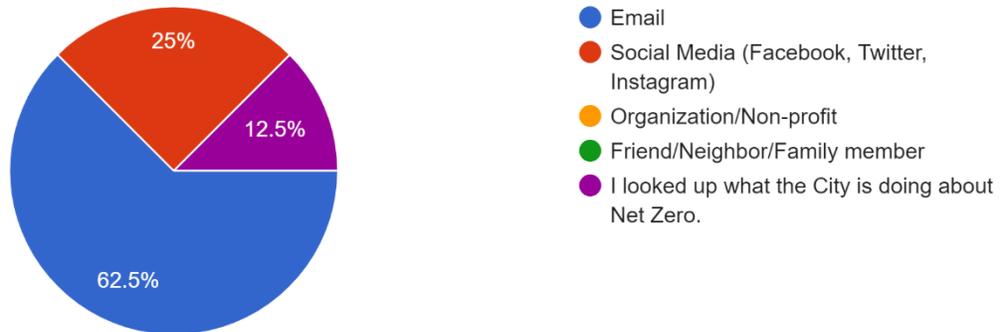
What would make it easier for you and others in Albuquerque to participate in the Climate Action Plan Implementation Period community engagement process?

7 responses



How did you hear about this meeting?

8 responses



Who else should be invited to future meetings? Please let us know in the comment box below or by emailing us at [sustainability@cabq.gov](mailto:sustainability@cabq.gov).

2 responses

Solar take holders to speak to ABQs plan to generate clean energy.

m[redacted]@gmail.com



We would like to hear from as many community members as possible. Please share this survey and the resource page with others. Please copy this URL to share the survey and/or sign up for future Sustainability updates (including information about future community engagement meetings):

<https://www.cabq.gov/sustainability/climate-action-plan#CAP-community-engagement>.

Note: This form is open through the end of May 2023.

#### Other suggestions/feedback

1 response

You spelled cisgender wrong in the question about gender identity. Also the (male/female) part was awkward and definitely not helpful in describing what cisgender is

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Note:

### Next Meeting

Date: TBD

Topic: TBD

Details: Coming soon!