

## McMillan, Acquanette (Netta)

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**From:** Jonah Kanner  
**Sent:** Friday, January 27, 2023 10:14 AM  
**To:** PublicComment-AutoResponse  
**Subject:** Please approve carbon free electricity

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Dear Mayor Gordo and City Council Members,

I am writing to express my support for the goal of 100% electricity from carbon free sources by 2030.

Clearly, we are in a climate emergency. Just today, there is an article in the New York Times describing how our water supply from the Colorado river is in danger due to climate change. We've already seen repeated wildfires in our area, again, due to climate change. Climate change is happening now.

Please approve the resolution for 100% of Pasadena's electricity from Carbon free sources by 2030.

Thank you for everything you are doing for our city.

- Jonah Kanner

## McMillan, Acquanette (Netta)

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**From:** Max Rissman  
**Sent:** Friday, January 27, 2023 10:50 AM  
**To:** PublicComment-AutoResponse  
**Subject:** 100% Clean Energy by 2030

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Hello, my name is Max Rissman and my address is Pasadena, CA 91101. I would like to submit a public comment in support of the upcoming resolution calling for Pasadena to source 100% of its electricity from carbon free sources by 2030. Thank you.

Best,  
Max Rissman

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## McMillan, Acquanette (Netta)

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**From:** David A Weeshoff  
**Sent:** Friday, January 27, 2023 2:54 PM  
**To:** PublicComment-AutoResponse  
**Cc:** Dave Weeshoff  
**Subject:** ADOPT A RESOLUTION TO DECLARE A CLIMATE EMERGENCY AND SET A POLICY GOAL TO SOURCE 100% OF PASADENA'S ELECTRICITY FROM CARBON FREE SOURCES BY THE END OF 2030

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Mayor Gordo and Councilmembers:

The Pasadena Audubon Society was founded in 1904, with the mission of bringing the excitement of birds to our community through birding, education, and the conservation of bird habitats. Birds enrich our lives and provide essential biodiversity benefits in our neighborhoods. Not since our founding has Pasadena Audubon Society experienced such an existential threat to the habitat of our local (and all North American) birds as anthropogenic climate change.

***Therefore, it is of critical importance to act quickly in mitigating the effects of climate change through the expeditious and dramatic reduction of the burning of fossil fuels.***

The City of Pasadena, through Pasadena Water and Power, is at the crucial point where it must act quickly and decisively regarding the percentage of fossil fuel to be burned to provide energy to its customers. It must do so by giving a clear focus on the mandated Integrated Resource Plan (IRP) and its implementation.

Pasadena Audubon's Board of Directors, representing its 1,400+ members, requests the Pasadena City Council provide ***clear leadership and guidance*** to the mandated IRP process, i.e., its participants, ***in advance of their activities***, by providing clear policy goals which emphasize the achievement of ***providing 100% renewable energy – not “carbon neutrality” - to its customers by the end of year 2030.***

***Please, with your vote on January 30<sup>th</sup> support, without modification, the Resolution unanimously passed by the Municipal Services Committee on January 24<sup>th</sup> as posted as Item 5 on the Consent Calendar.***

***Dave Weeshoff  
Vice-President  
Pasadena Audubon Society***

Sent from [Mail](#) for Windows

## McMillan, Acquanette (Netta)

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**From:** Jennifer Thibault  
**Sent:** Saturday, January 28, 2023 6:46 PM  
**To:** PublicComment-AutoResponse; Gordo, Victor; Lyon, Jason  
**Cc:** Jason Lyon  
**Subject:** Agenda Item #5 - RESOLUTION TO DECLARE A CLIMATE EMERGENCY AND SET A POLICY GOAL TO SOURCE 100% OF PASADENA'S ELECTRICITY FROM CARBON FREE

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Dear Mayor Gordo and Pasadena City Councilmembers -

I am writing to express my support for Agenda Item #5 - Resolution to declare a climate emergency and set a policy goal to source 100% of Pasadena's electricity from carbon free sources.

I am proud of the forward thinking of the council on environmental issues and the work that has already been done to create a more sustainable Pasadena, but it is critical that our city continue to be a leader by setting high benchmarks for the development and use of carbon free electricity.

Our climate crisis could not be more serious and it is time for the Pasadena City Council to finally make a firm commitment to our city's future. Many organizations and individuals have been pushing for this resolution for years, the time to act is now.

I strongly urge the Mayor and all City Councilmembers to vote to approve the resolution.

Sincerely,  
Jennifer Thibault  
District 7 resident

## McMillan, Acquanette (Netta)

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**From:** cheryl auger  
**Sent:** Saturday, January 28, 2023 7:33 PM  
**To:** PublicComment-AutoResponse; Madison, Steve  
**Cc:** Chapman, Justin  
**Subject:** I support 100% carbon free energy by 2030! Agenda item #5

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Dear Mayor, City Manager and Councilmembers,

Please show your support for MSC's recommendation to be Carbon Free by 2023 at Monday's City Council meeting.

Last Fall the California Air Resources Board (CARB) documented additional policies and actions for California to drastically reduce its dependence on fossil fuels. This plan sets a more aggressive goal of cutting carbon emissions 48% below 1990 levels by 2030 — up from the 40% required by 2030 under state law which means that we could miss the target by up to 126 million metric tons.

Their achievable roadmap proposes an unprecedented shift away from petroleum in every sector of the economy and a rapid transition to renewable energy resources and zero-emission vehicles. Under this proposal, by 2045 California would:

- 
- 
- Cut greenhouse gas emissions by 85% below 1990 levels
- 
- 
- 
- Reduce smog-forming air pollution by 71%
- 
- 
- Reduce fossil fuel consumption (liquid petroleum) to less than one-tenth of what we use today – a 94% reduction in demand.
- 
- 
- Create 4 million new jobs.
- 
- 
- Save Californians \$200 billion in health costs due to pollution in 2045
- 

Let's help CARB meet our California climate goals by reducing emissions and transitioning to carbon free energy by 2030. .

Thank You,

Cheryl Auger  
District 6 Resident  
District 7 Business Owner

--

Cheryl Auger

## McMillan, Acquanette (Netta)

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**From:** Therese Brummel <tm>  
**Sent:** Saturday, January 28, 2023 7:35 PM  
**To:** PublicComment-AutoResponse  
**Subject:** Climate Emergency

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Dear Mayor and Council Members,

I am writing as a decades long Pasadenan and grandmother to children in PUSD. Please pass the measure, item 5 on the agenda to declare a Climate Emergency for our children's sake. We must achieve 100% carbon-free electricity by 2030 to keep this a livable city and world for our kids and their kids.

Retake our place as a leader among So Cal cities!

Thank you

Sincerely,

Therese Brummel RN,

Founder Transition Pasadena 2009

(transitioning off fossil fuels)

D2 resident

Sent from my iPhone

## McMillan, Acquanette (Netta)

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**From:** Tom Brady >  
**Sent:** Sunday, January 29, 2023 5:29 AM  
**To:** PublicComment-AutoResponse  
**Subject:** Clean Energy

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Please support the resolution calling for 100 percent clean energy by 2030 in the City of Pasadena. I lead the environmental ministry at All Saints Church and the resolution is consistent with our efforts to be carbon neutral as a Church. I live in District 6 and have admired Councilman Madison's efforts in this area. Tom Brady, Pasadena 91105



## McMillan, Acquanette (Netta)

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**From:** Leigh Adams <leigh.adams@pasadena.net>  
**Sent:** Sunday, January 29, 2023 7:55 AM  
**To:** PublicComment-AutoResponse  
**Cc:** Hampton, Tyron; Williams, Felicia; Jones, Justin; Masuda, Gene; Rivas, Jessica; Madison, Steve; Lyon, Jason; Gordo, Victor  
**Subject:** No freakin' COAL!

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Dear Mayor Gordo and Members of the Pasadena City Council,

The nice letter below is a template. This is ME saying that I am ashamed that the city I love is getting almost half its energy from burning coal. What?! We can do better than that and we need to do it NOW!

As a local constituent deeply concerned by Pasadena's dependence on polluting fossil fuels, I urge you to adopt a goal of procuring 100% clean, carbon-free power by 2030.

Only clean, carbon-free power will guarantee Pasadena does its part to address the climate emergency. Per the most recent public data, Pasadena remains almost 50% powered by coal, the dirtiest fossil fuel. Statewide the average is 3%. As a result of our use of so much dirty power Pasadena produces more than double the GHG emissions per kilowatt hour than the rest of the state.

Dozens of communities across the state have realized that doing the right thing is not only feasible, it is cost-effective and reliable. Within the San Gabriel Valley, the cities of South Pasadena, Sierra Madre, Alhambra, Claremont, and unincorporated LA County have already adopted 100% clean power standards and are working towards procuring even more renewable energy. Setting a goal for Pasadena to do so by 2030 is a logical next step.

Please support a 100% Carbon Free Power by 2030 goal championed by the Pasadena 100 coalition, and unanimously supported by the Pasadena Unified School District Board of Directors, Pasadena City College Board of Trustees, and Pasadena Environmental Advisory Commission.

Now is the time to plan for a cleaner, healthier, more sustainable future.

Thank you for your service to the Pasadena community.

***"Gardening is how I relax. It's another form of creating and playing with colors."***-- Oscar de la Renta

Leigh Adams

## McMillan, Acquanette (Netta)

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**From:** Jantre Christian n>  
**Sent:** Sunday, January 29, 2023 8:44 AM  
**To:** PublicComment-AutoResponse  
**Subject:** Item 5 support - zero emissions by 2030

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I am writing in support of item 5 on the agenda for the January 30th council meeting. Please do the right thing for the children and youth of our community and show your support for the call to get to zero emissions by 2030. We all deserve a chance at a healthy and more sustainable tomorrow. Thank you.

Jantré Christian  
Artist, Educator, Leader  
Pronouns: she, her, hers

## McMillan, Acquanette (Netta)

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**From:** Claire Robinson  
**Sent:** Sunday, January 29, 2023 9:58 AM  
**To:** PublicComment-AutoResponse  
**Cc:** Hampton, Tyron; Williams, Felicia; Jones, Justin; Masuda, Gene; Rivas, Jessica; Madison, Steve; Lyon, Jason; Gordo, Victor  
**Subject:** ↻ Please Support 100% Clean, Carbon-Free Power by 2030 ↻

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Dear Mayor Gordo and Members of the Pasadena City Council,

As a local constituent deeply concerned by Pasadena's dependence on polluting fossil fuels, I urge you to adopt a goal of procuring 100% clean, carbon-free power by 2030.

Only clean, carbon-free power will guarantee Pasadena does its part to address the climate emergency. Per the most recent public data, Pasadena remains almost 50% powered by coal, the dirtiest fossil fuel. Statewide the average is 3%. As a result of our use of so much dirty power Pasadena produces more than double the GHG emissions per kilowatt hour than the rest of the state.

Dozens of communities across the state have realized that doing the right thing is not only feasible, it is cost-effective and reliable. Within the San Gabriel Valley, the cities of South Pasadena, Sierra Madre, Alhambra, Claremont, and unincorporated LA County have already adopted 100% clean power standards and are working towards procuring even more renewable energy. Setting a goal for Pasadena to do so by 2030 is a logical next step.

Please support a 100% Carbon Free Power by 2030 goal championed by the Pasadena 100 coalition, and unanimously supported by the Pasadena Unified School District Board of Directors, Pasadena City College Board of Trustees, and Pasadena Environmental Advisory Commission.

Now is the time to plan for a cleaner, healthier, more sustainable future.

Thank you for your service to the Pasadena community.

Sent from my iPhone

## McMillan, Acquanette (Netta)

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**From:** Marna Cornell  
**Sent:** Sunday, January 29, 2023 12:06 PM  
**To:** PublicComment-AutoResponse  
**Subject:** Fwd: City Council Meeting - Monday, January 30

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Begin forwarded message:

Please do the following:

- (1) Authorize Purchase Order with La Verne Power Equipment, Inc., for purchase of two Mean Green Electric Mowers for an amount not-to-exceed \$111,132
- (2) Authorize Purchase Order with 72 Hour LLC (DBA: Chevrolet of Watsonville/National Auto Fleet Group) for the purchase of 16 Ford Explorer Hybrid Police Interceptor Sport Utility Vehicles, two Ford Mustang Mach-E vehicles, two Ford F-250 Trucks, and one Ford f-450 Truck for an amount not-to-exceed \$1,657,621.  
**ALL FUTURE MUNICIPAL FLEET PURCHASES BE ALL ELECTRIC**
- (3) Adopt a Resolution adopting the Pasadena Zero Emission Bus Rollout Plan.
- (4) Adopt a Resolution to declare a Climate Emergency and set a policy goal to source 100% of Pasadena's electricity from Carbon Free Sources by the end of June 2030.

Pasadena needs to be in the forefront of doing the right thing to combat Climate Change...The above items will do this. Thank you.

Marna & Robert Cornell  
Pasadena Residents

1/30/2023  
Item 5

## McMillan, Acquanette (Netta)

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**From:** Al Cullen  
**Sent:** Sunday, January 29, 2023 2:49 PM  
**To:** PublicComment-AutoResponse  
**Subject:** Recommended action to declare a climate emergency and have all sustainable electricity by 2030

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Mayor and Council members,

I am well aware of the changing climate, but feel this proposal is jumping the gun without having much more information available.

Thus, I encourage you to table the agenda item 5 regarding this 2030 deadline for the following reasons:

There are no assurances enough power will be available by 2030 and there is serious doubt that the Feds will approve the requested extension to its current closing date of the Diablo plant.

There are not enough transmission lines at the proper locations to transmit sustainable power if and when it would become available all at tremendous costs.

Without any idea of how much these costs will be passed onto Pasadena users this is just pie in the sky and non-thinking at this point.

It is time to start thinking about what you are doing to all the current and future property owners and residents of Pasadena!

Thanks for your consideration.

Al Cullen

Pasadena

**McMillan, Acquanette (Netta)**

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**From:** Genette Foster  
**Sent:** Sunday, January 29, 2023 5:15 PM  
**To:** PublicComment-AutoResponse  
**Subject:** Strong Support for Climate Emergency and 100% Clean Energy

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I strongly support declaring a climate emergency and mandating 100% clean energy by 2030.

Genette Foster  
Council District 2

Sent from my iPhone

## McMillan, Acquanette (Netta)

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**From:** Topher Mathers  
**Sent:** Sunday, January 29, 2023 5:50 PM  
**To:** PublicComment-AutoResponse  
**Cc:** Hampton, Tyron; Williams, Felicia; Jones, Justin; Masuda, Gene; Rivas, Jessica; Madison, Steve; Lyon, Jason; Gordo, Victor  
**Subject:** ⚡ Please Support 100% Clean, Carbon-Free Power by 2030 ⚡

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Dear Mayor Gordo and Members of the Pasadena City Council,

As a local constituent deeply concerned by Pasadena's dependence on polluting fossil fuels, I urge you to adopt a goal of procuring 100% clean, carbon-free power by 2030.

Only clean, carbon-free power will guarantee Pasadena does its part to address the climate emergency. Per the most recent public data, Pasadena remains almost 50% powered by coal, the dirtiest fossil fuel. Statewide the average is 3%. As a result of our use of so much dirty power Pasadena produces more than double the GHG emissions per kilowatt hour than the rest of the state.

Dozens of communities across the state have realized that doing the right thing is not only feasible, it is cost-effective and reliable. Within the San Gabriel Valley, the cities of South Pasadena, Sierra Madre, Alhambra, Claremont, and unincorporated LA County have already adopted 100% clean power standards and are working towards procuring even more renewable energy. Setting a goal for Pasadena to do so by 2030 is a logical next step.

Please support a 100% Carbon Free Power by 2030 goal championed by the Pasadena 100 coalition, and unanimously supported by the Pasadena Unified School District Board of Directors, Pasadena City College Board of Trustees, and Pasadena Environmental Advisory Commission.

Now is the time to plan for a cleaner, healthier, more sustainable future.

Thank you for your service to the Pasadena community.

The Mathers Family

**McMillan, Acquanette (Netta)**

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**From:** lorraine montgomery  
**Sent:** Sunday, January 29, 2023 7:57 PM  
**To:** PublicComment-AutoResponse  
**Subject:** Item #5

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Dear council members,  
Re: item #5 on the agenda: I would like to show my support for Pasadena 100's resolution for the city to have carbon free electricity by 2030.  
This is not the time for the City to be dragging its feet! Even if this resolution passes, it may be too late to save our planet!  
I fear for my grandchildren and their future.  
Lorraine Montgomery



## McMillan, Acquanette (Netta)

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**From:** Blair Miller  
**Sent:** Sunday, January 29, 2023 8:02 PM  
**To:** PublicComment-AutoResponse  
**Cc:** Gordo, Victor; Hampton, Tyron; Williams, Felicia; Jones, Justin; Masuda, Gene; Rivas, Jessica; Madison, Steve; Lyon, Jason  
**Subject:** ⚡ Please Support 100% Clean, Carbon-Free Power by 2030 ⚡

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Dear Mayor Gordo and Members of the Pasadena City Council,

I urge you to adopt a goal of procuring 100% clean, carbon-free power by 2030.

**Only clean, carbon-free power will guarantee Pasadena does its part to address the climate emergency.** Per the most recent public data, [Pasadena remains almost 50% powered by coal](#), the dirtiest fossil fuel. Statewide the average is 3%. As a result of our use of so much dirty power Pasadena produces more than double the GHG emissions per kilowatt hour than the rest of the state.

**Dozens of communities across the state have realized that doing the right thing is not only feasible, it is cost-effective and reliable.** Within the San Gabriel Valley, the cities of South Pasadena, Sierra Madre, Alhambra, Claremont, and unincorporated LA County have already adopted 100% clean power standards and are working towards procuring even more renewable energy. Setting a goal for Pasadena to do so by 2030 is a logical next step.

**Please support a 100% Carbon Free Power by 2030 goal** championed by the Pasadena 100 coalition, and unanimously supported by the Pasadena Unified School District Board of Directors, Pasadena City College Board of Trustees, and Pasadena Environmental Advisory Commission.

Now is the time to plan for a cleaner, healthier, more sustainable future.

Thank you for your service to Pasadena.

Blair Miller

## McMillan, Acquanette (Netta)

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**From:** Sanford Krasner  
**Sent:** Sunday, January 29, 2023 8:47 PM  
**To:** PublicComment-AutoResponse  
**Subject:** In favor of Agenda item 5 at City Council, Jan. 30 - Carbon-free energy

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This correspondence is in favor of Agenda Item 5 on the January 30 agenda of the Pasadena City Council meeting.

5. MUNICIPAL SERVICES COMMITTEE: ADOPT A RESOLUTION TO DECLARE A CLIMATE EMERGENCY AND SET A POLICY GOAL TO SOURCE 100% OF PASADENA'S ELECTRICITY FROM CARBON FREE SOURCES BY THE END OF 2030 (Water & Power Dept.)

I am writing to encourage the City Council to pass the resolution declaring a climate emergency and setting a goal to source 100% of Pasadena's electricity from carbon-free sources by 2030.

I know that the City Council members understand the climate emergency, and the catastrophic consequences of continuing to burn fossil fuels.

The question is- can Pasadena achieve this goal?

Yes we can.

As of 2019, 50 California cities and counties have achieved 100% carbon-free energy. Sacramento has set a goal of 100% carbon-free energy by 2030.

There are many options which can be combined to reach the 100% goal. These include incentivizing rooftop solar and battery storage; expanding Pasadena's infrastructure to receive power from external sources, and contracting for that external power. The CAISO interconnection queue shows many projects in development. Of 141 retail supplier plans with California Power Content Labels, 41 generate 100% carbon-free power.

If you are concerned about the impact on the poor of transitioning to 100% carbon-free energy, note that the levelized costs of utility-scale solar and wind are less than or equal to even the least-costly fossil-fuels. And the cost of carbon-free energy will be predictable and less volatile than fossil fuels. Carbon-free energy is not subject to the vagaries of international politics, war, refinery and pipeline problems. Consider what the recent fourfold jump in natural gas prices has done to our gas bills.

There are billions of dollars available from the Inflation Reduction Act and the Infrastructure Investment Act, and from California's Greenhouse Reduction Fund.

Pasadena can achieve 100% carbon-free electricity by 2030. We must do this, to help reduce the impacts of climate change on Pasadena residents. We need only the will to do it.

Thank you for your attention,

Sanford Krasner

Group Leader for Pasadena-Foothill Citizens Climate Lobby

Altadena, CA

1/30/2023  
Item 5

## McMillan, Acquanette (Netta)

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**From:** Denise  
**Sent:** Sunday, January 29, 2023 11:48 PM  
**To:** PublicComment-AutoResponse  
**Subject:** Written Public Comment for Tomorrow - Item 5 - Carbon Free by 2030

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January 30, 2023

Dear Councilmembers,

Thank you to the Municipal Services Committee for advising the council on moving to help save our planet. As the mother of an 11-year old who attends Blair here in Pasadena, I am terrified of the future. I'm afraid of the Mad Max scenario he might have to endure some day dealing with even worse conditions of drought, fires and flooding. There are no superheroes to save him. You are the superheroes and your vote tonight can make a huge difference in our lives.

As a member of Throop Unitarian Church in Pasadena, we fully support zero carbon emissions by 2030 in Pasadena as well as the mission of the Pasadena 100. We join the boards of PUSD, PCC and many others. We can afford this thanks to the Inflation Reduction Act, and the infrastructure bill. In fact, we can't afford for you not to do this. It's a no-brainer. What kind of economy do you think we would have with a mass human extinction and global migration and displacement?

Thank you for your vote today. We will remember you, you will be our heroes.

Sincerely,

Denise Robb, Ph.D.

Pasadena, CA 91106

Denise Munro Robb, Ph.D.  
Professor, Pierce College; and Joshua's Mommy

"Those Who Can Make You Believe Absurdities Can Make You Commit Atrocities" (Possibly Voltaire)

## McMillan, Acquanette (Netta)

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**From:** Rachel Burcham  
**Sent:** Monday, January 30, 2023 12:21 AM  
**To:** PublicComment-AutoResponse  
**Subject:** Public Comment

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Hi,

My name is Rachel and I am a resident here in Pasadena writing in support of item 5 on the consent calendar (A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PASADENA, CALIFORNIA DECLARING A CLIMATE EMERGENCY AND SETTING A GOAL TO SOURCE 100% OF PASADENA'S ELECTRICITY FROM CARBON FREE SOURCES BY 2030)

Passing this measure is incredibly important to me, especially now that I am a mother and have a 5-week-old baby girl whose future depends on the decisions we make now.

Thank you,  
Rachel

## McMillan, Acquanette (Netta)

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**From:** Robert Haw  
**Sent:** Monday, January 30, 2023 12:37 AM  
**To:** PublicComment-AutoResponse  
**Subject:** Resolution on January 30 Consent Calendar, #5

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### Resolution on January 30 Consent Calendar Agenda item 5, Climate Emergency

January 30, 2023

Dear Mayor Gordo and Members of the Pasadena City Council:

Objectively, economically, and ethically it makes sense for Pasadena and PWP to aim high and strive for “100% carbon-free energy by 2030”. In 5-years (if necessary) it can make a course correction with the next IRP.

With this year’s IRP, 100% carbon-free scenarios will either satisfy Reliability, Adequacy and Cost or they won’t. Cost is always a big factor, although I can confidently assure you that wholesale costs of wind and solar generation are unambiguously the cheapest form of energy available today. The questions that remain are:

1. What fraction of solar-generated energy should be distributed between utility and local rooftop sites?
2. How much will it cost to retire the intermittency of wind and solar electricity?

The answer to Question 1 can be assessed with a high fidelity, grid-optimization model. For example, see:  
Technical paper: [https://www.vibrantcleanenergy.com/wp-content/uploads/2020/12/WhyDERs\\_TR\\_Final.pdf](https://www.vibrantcleanenergy.com/wp-content/uploads/2020/12/WhyDERs_TR_Final.pdf)  
Explanatory webinar: <https://www.youtube.com/watch?v=8LugAsV--hc&t=27s>

The answer to Question 2 is (essentially) a “damn the torpedoes” sort of answer. No one knows what the future holds ... that’s as true for fossil fuels as it is for renewable technologies (witness recent gas price spikes). But what we *do* know is that the best projections show storage technologies (the single remaining outlier) continuing to drop in cost relative to fossil fuels. See:

- a) [https://atb.nrel.gov/electricity/2022/utility-scale\\_battery\\_storage](https://atb.nrel.gov/electricity/2022/utility-scale_battery_storage)
- b) <https://about.bnef.com/blog/lithium-ion-battery-pack-prices-rise-for-first-time-to-an-average-of-151-kwh/>
- c) <https://www.canarymedia.com/articles/energy-storage/ess-inks-largest-ever-us-flow-battery-purchase-with-sacramentos-utility>

Therefore ‘What will it cost?’ can be answered in this way: incorporate credible yet aggressive price profiles for renewable and storage technologies into IRP cost models so as to authenticate realistic portfolio costs over the next decade. Then you will have a credible answer. But we won’t learn that unless multiple *100% carbon-free by 2030* scenarios are run.

**Please cast your vote in favor of the *100% carbon-free by 2030* resolution — in effect constraining PWP to running multiple scenarios of same.**

Sincerely,  
Robert Haw  
*Transition Pasadena*  
*Pasadena 100*

1/30/2023  
Item 5

## McMillan, Acquanette (Netta)

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**From:** Julie McKune  
**Sent:** Monday, January 30, 2023 7:37 AM  
**To:** PublicComment-AutoResponse  
**Subject:** Support of Declaration of Climate Emergency

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Dear Pasadena City Council,

We support the Declaration of a Climate Emergency, vote yes, approve of policies and procedures, and finances that will mitigate and resolve our environmental crisis.

We need clean air, water, food, medicines, homes, workplaces, and healthy communities. End the careless, preventable invasion of harmful toxins and chemicals. We need sustainable practices. Industrial corporations are causing warming and catastrophic events on earth and in our neighborhoods.

We need a just transition to renewable energy, for all.  
So, don't deny, or delay any longer.  
We demand action now.

We also support the Zero Emissions Bus Rollout Plan.

Thank you for your attention,

Julie McKune and Randal Romero  
Wilson Ave  
Pasadena, family home since 1920.

**Jomsky, Mark**

---

**Subject:** PUBLIC COMMENT - ITEM 5

**From:** Erika Foy

**Sent:** Monday, January 30, 2023 9:10 AM

**To:** Jomsky, Mark; PublicComment-AutoResponse <publiccomment@cityofpasadena.net>

**Subject:** PUBLIC COMMENT – ITEM 5

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1. Good evening Mayor and Council- I was surprised to see the agenda item in support of adopting a resolution to declare a climate emergency and set a policy goal to source 100% of Pasadena's electricity from carbon free sources by the end of 2030. If this passes, does it mean we will be heating and cooling all our homes from renewable energy in seven years? Will we have the necessary infrastructure in place to meet this goal so quickly? Respectfully, I want to remind you just this last summer we were having flex alerts because the renewable resources could not keep up and California residents were asked not to charge their electric cars after work because of the incredible energy it takes to do so. I thought this sentence in the staff report was worth repeating, "setting an absolute goal by Resolution that binds staff without first evaluating the legal, operational, and fiscal impacts of the associated actions may be inconsistent with existing regulatory or contractual requirements and could create compliance issues." It seems a bit premature to be setting this lofty goal when it is uncertain where the city will get the needed resources and how they will be paid for. While I think Pasadena residents are up for the challenge, and will rally when we need to, I do think you will be putting our city and its charter in compliance issues. Please see quotes below from the LA Times "California's 9th straight flex alert was extended as smoke, clouds made solar power unpredictable". How will people heat their food on electric stoves, drive their electric cars, cool their homes if we do not have the ability to supply their energy needs by 2030? What will be the back up plan? Thank you, Erika Foy

"The principal reason we've extended [the alert is] largely due to some uncertainty about how much production we will have from our renewable resources, primarily the solar, during the heart of the afternoon," said Elliot Mainzer, president and chief executive of the California Independent System Operator, which runs the state's power grid."

"This last week has been really very, very, very challenging, and I've just been so appreciative and so impressed with the way California electricity consumers have come together," Mainzer said. "They've really rallied ... and really helped us work through what has been an extraordinarily challenging time."

"During the seven hours of the Flex Alert, ISO officials asked consumers to set thermostats to 78 degrees or higher, unplug unused devices, turn off unnecessary lights and not use major appliances."

<https://www.latimes.com/california/story/2022-09-08/california-flex-alert-to-last-longer-on-9th-straight-day>

## McMillan, Acquanette (Netta)

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**From:** Carl Selkin  
**Sent:** Monday, January 30, 2023 8:22 AM  
**To:** PublicComment-AutoResponse  
**Subject:** Pasadena City Council. In support of Agenda item 5, January 30, 2023

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To: Mayor Gordo, Vice Mayor Williams, and members of the Pasadena City Council

Subject: Resolution on January Consent Calendar, Agenda item 5, Climate Emergency

Date: January 30, 2023

I am writing on behalf of the Social Justice Committee of Pasadena Jewish Temple and Center. Our synagogue has been committed to our responsibility to take care to be the best stewards of the world. This principle of Tikkun Olam guides us in our temple community and in our Social Justice Committee's advocacy for environmental action. On February 17 we celebrate one of the four annual beginnings, new years, in the Jewish calendar. This holy day of Tu b'shevat is known as "the birthday of the trees" an occasion that some link with our secular arbor day. But for Jews, this date is a reminder of our literal rootedness in the natural world. At PJTC we installed solar panels years ago, saving thousands of pounds of carbon and thousands of dollars over the years, more than recouping our investment. As we plan to invest in battery storage, we contemplate additional savings from an upgraded system.

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Item 5



We recently decided further to reduce our carbon footprint by moving from using paper and plastic dinnerware at receptions and events, including weekly food service following each Friday night and Saturday morning service. Metal utensils and glass plates and cups will be more labor-intensive but rewarding in ways that resonate with our spiritual identity. Improving our recycling and compostable waste handling are high on our agenda, but already the garbage we send to the landfill is minimal. We know we are not unique in these commitments; our friends in area religious institutions have made similar changes to reduce waste and shrink their carbon footprints.

So, we join with fellow members of the Pasadena 100 coalition and the scientists, young people and many, many of our neighbors in appreciation of all the thoughtful, hard work that brought the City Council together in drafting and advancing this resolution to declare a carbon emergency and commit to 100% carbon free electricity generation and distribution by 2030. This guidance will lead Pasadena to its rightful place as a city of innovation and of dedication to a bright (and carbon free) future. Carbon free electricity, building electrification, and other steps taken and planned may not be the end of our journey to the future we need, but they are the first and essential steps on our journey.

It is gratifying to take this step together—with the unanimity among city committees and commissions, the boards of PCC and PUSD, and the associated students of PCC. These partners demand the future that is only possible if we take the actions the times demand.

Respectfully yours,

Carl Selkin, Chair of the Social Justice Committee of PJTC

Pasadena Jewish Temple and Center 1434 N, Altadena  
Drive Pasadena, CA 91107

## McMillan, Acquanette (Netta)

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**From:** Jazmin Joyce  
**Sent:** Monday, January 30, 2023 8:37 AM  
**To:** PublicComment-AutoResponse  
**Cc:** Hampton, Tyron; Williams, Felicia; Jones, Justin; Masuda, Gene; Rivas, Jessica; Madison, Steve; Lyon, Jason; Gordo, Victor  
**Subject:** ⚡ Please Support 100% Clean, Carbon-Free Power by 2030 ⚡

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Dear Mayor Gordo and Members of the Pasadena City Council,

As a local constituent deeply concerned by Pasadena's dependence on polluting fossil fuels, I urge you to adopt a goal of procuring 100% clean, carbon-free power by 2030.

Only clean, carbon-free power will guarantee Pasadena does its part to address the climate emergency. Per the most recent public data, Pasadena remains almost 50% powered by coal, the dirtiest fossil fuel. Statewide the average is 3%. As a result of our use of so much dirty power Pasadena produces more than double the GHG emissions per kilowatt hour than the rest of the state.

Dozens of communities across the state have realized that doing the right thing is not only feasible, it is cost-effective and reliable. Within the San Gabriel Valley, the cities of South Pasadena, Sierra Madre, Alhambra, Claremont, and unincorporated LA County have already adopted 100% clean power standards and are working towards procuring even more renewable energy. Setting a goal for Pasadena to do so by 2030 is a logical next step.

Please support a 100% Carbon Free Power by 2030 goal championed by the Pasadena 100 coalition, and unanimously supported by the Pasadena Unified School District Board of Directors, Pasadena City College Board of Trustees, and Pasadena Environmental Advisory Commission.

Now is the time to plan for a cleaner, healthier, more sustainable future.

Thank you for your service to the Pasadena community.

Jazmin Joyce

Pasadena CA 91103

1/30/2023  
Item 5

## McMillan, Acquanette (Netta)

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**From:** Dale Zapata  
**Sent:** Monday, January 30, 2023 8:44 AM  
**To:** PublicComment-AutoResponse  
**Cc:** Hampton, Tyron; Williams, Felicia; Jones, Justin; Masuda, Gene; Rivas, Jessica; Madison, Steve; Lyon, Jason; Gordo, Victor  
**Subject:** ⚡ Please Support 100% Clean, Carbon-Free Power by 2030 ⚡

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Dear Mayor Gordo and Members of the Pasadena City Council,

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Dozens of communities across the state have realized that doing the right thing is not only feasible, but it is also cost-effective and reliable. Within the San Gabriel Valley, the cities of South Pasadena, Sierra Madre, Alhambra, Claremont, and unincorporated LA County have already adopted 100% clean power standards and are working towards procuring even more renewable energy. Setting a goal for Pasadena to do so by 2030 is a logical next step.

Please support a 100% Carbon-Free Power by 2030 goal championed by the Pasadena 100 coalition, and unanimously supported by the Pasadena Unified School District Board of Directors, Pasadena City College Board of Trustees, and Pasadena Environmental Advisory Commission.

Now is the time to plan for a cleaner, healthier, more sustainable future.

Thank you for your service to the Pasadena community.

Dale Zapata

## McMillan, Acquanette (Netta)

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**From:** Dawn Burkhardt  
**Sent:** Sunday, January 29, 2023 8:39 PM  
**To:** PublicComment-AutoResponse  
**Subject:** Carbon free ASAP!

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Mayor Gordo and the Pasadena City Council,

Please show your support for a livable future by supporting the resolution for Pasadena to go CARBON FREE by 2030. I want the city to source 100% of our electricity from carbon free sources as soon as possible. Pasadena has the opportunity to be part of the climate solution and I urge you to take bold action now!

Carbon free is not the same as carbon neutral; we can and must go CARBON FREE!

Sincerely,  
Dawn Burkhardt  
District 3 resident and voter

Sent from AT&T Yahoo Mail for iPhone

1/30/2023  
Item 5

## McMillan, Acquanette (Netta)

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**From:** Dahlia Vogel  
**Sent:** Monday, January 30, 2023 9:44 AM  
**To:** PublicComment-AutoResponse  
**Cc:** Masuda, Gene; genomas@aol.com  
**Subject:** Carbon-Free Energy Resolution

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Dear Mayor and City Councilmembers,

Did you know that citizens of Pasadena have a larger carbon footprint per capita than half of the world's countries? I have grown up and gone to school in Pasadena, consuming energy that is generated by burning coal. If I had known this, I would NOT choose to live here. I am in support of Pasadena 100 who aim to make Pasadena's energy 100% carbon free. The resolution for 100% carbon free energy is coming up today in the City Council meeting, and I urge the city to listen. Please help us have a better future and approve of 100% carbon free energy in Pasadena.

Gene Masuda; my parents have been long time supporters of you as our district council member. Please listen to our concerns and DO SOMETHING.

-Dahlia Vogel

## McMillan, Acquanette (Netta)

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**From:** Peter Eisenhardt  
**Sent:** Monday, January 30, 2023 9:49 AM  
**To:** PublicComment-AutoResponse  
**Cc:** Peter Eisenhardt  
**Subject:** Pasadena residents support 100% carbon free electricity by 2030

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Dear Mayor Gordo, Vice Mayor Williams, and Councilmembers Hampton, Jones, Lyon, Madison, Masuda, and Rivas:

I am writing on behalf of Neighborhood Unitarian Universalist Church of Pasadena's 7th Principle Committee, one of the 23 local groups making up the PASADENA 100 coalition. Our UU 7th Principle is "Respect for the interdependent web of all existence, of which we are a part," and our 7th Principle Committee is the church's environmental action group.

I ask you to vote for item 5 on the consent agenda for the Jan. 30, 2023 Council meeting, the amended MSC resolution that sets a goal to source 100% of Pasadena's electricity from carbon free sources by the end of 2030.

As you know, many Pasadena residents support this goal. As a member of the PASADENA 100 coalition, I helped coordinate the collection of postcards supporting this goal that we handed to you on Oct. 24, 2022 in front of City Hall. I wanted to tell you a bit more about the process of collecting those cards.

Last summer, Pasadena 100 members talked about climate change and Pasadena's electric power supply with people at over 20 different venues all over the city, from the Rose Bowl to Robinson Park, and from the Farmers Market to the Latino Festival.

We asked them to fill in postcards to the City Council if they were Pasadena residents, and if they supported the statement: "I care about climate change and I want Pasadena to be powered by 100% carbon free energy by 2030."

Some residents preferred to mail the postcards to you directly, and I do not have additional details on those.

A total of 1315 people gave us their filled in postcards so that we could present them to you. This does not include 78 people who thought they lived in Pasadena but turned out not to be PWP customers when we checked their addresses, nor does it include multiple postcards from the same people.

We sorted these postcards by Council district, and on Oct. 24 presented those for Districts 2, 3, 5, and 7 to Councilmembers Williams, Jones, Rivas, and Wilson respectively, and those for Districts 1, 4, and 6 to Mayor Gordo.

Finally, 35 postcards were given to us after Oct. 24, and I plan to provide these to the Council at the Jan. 30 meeting.

Since Oct. 24 we've spoken individually with hundreds of residents on over a dozen occasions, often at their homes, and the vast majority support 100% carbon free electricity in Pasadena by 2030.

In summary, the Pasadena residents we've spoken with overwhelmingly support setting a goal to source 100% of Pasadena's electricity from carbon free sources by the end of 2030. Please vote accordingly.

Thank you.

Peter Eisenhardt

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Item 5

I am a Professor of Engineering and Applied Science and Deputy Division Chair at Caltech. I teach thermodynamics, or the science of energy and its conversion into different forms. I am speaking as an individual on my own behalf and as a father, and I am extremely concerned with the risk of climate disruption due to continued combustion of fossil fuels. As has been reported in the news recently, fossil fuel producers such as Exxon not only knew of the possibility of climate change from their products, they actually advanced climate science. Their predictions of temperature increases due to carbon emissions from the 1970s are among the most accurate to date! Based on their own research, it is clear that we have to significantly reduce carbon emissions urgently.

As a citizen I'm aware that many power aggregators in California already have goals targeting 100% clean energy by 2030 (if not sooner). For that reason I strongly support a transition to 100% clean electricity in Pasadena by the year 2030. This sort of undertaking is supported by the UN Secretary-General, IPCC scientists, and many lines of independent inquiry — all of which are in agreement that CO2 emissions ought to decrease by 50% within 7 years to keep the Paris Climate Accord within sight. The goal of 100% clean electricity, while maintaining reliability and cost, can be reached if steady progress is made each year.

**Austin Minnich, PhD**

January 21, 2023

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The climate crisis is the defining challenge of our generation. Scientists are clear about the reality of climate change, and political leaders across the planet are modifying public policy to reverse this threat. The causes - the burning fossil fuels to power our energy grids and transportation systems - are clearly understood.

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1/30/2023  
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The solution – weaning our economy off fossil fuels and transitioning to renewable energy sources - is happening in communities all over the United States and other countries. Pasadena must change too. Because today, we are beyond the potential of climate change impacts. Today's headlines show that we are living with these worsening impacts. The time has come for Pasadena's political leaders to aggressively legislate against the use of fossil fuels and join the global transition to renewable energy by 2030. Listen to the scientists. Be on the right side of history. Act now!

**Dr. William Patzert**, Climatologist, Jet Propulsion Laboratory (ret.)  
January 16, 2023

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Some of the research I do is on projections of extreme humid heat. Some new results I have, which I just submitted to a peer-reviewed journal, show that, under all but the lowest emissions pathway for the future ("SSP1-2.6"), almost all of the 100 most populated cities will see large increases in hyper-thermic humid heat conditions even for ideally healthy people at rest, and fatal humid heat conditions will emerge in the second half of this century. But that's just the beginning. If you pay attention to the news, you'll see reports of study after study coming out, about the extinction of 90% of marine species by 2100, of worsening fires and storms and heat. Of an overwhelming tide of climate refugees in the near future. It's too much to put in a short statement like this.

All credible projections assert that CO2 emissions have to decrease by at least 50% by 2030 in order to keep warming within the Paris Climate Accord upper limit and avoid the consequences outlined above.

**Dr. Peter Kalmus**  
Climate scientist  
Jet Propulsion Laboratory  
speaking on my own behalf  
January 10, 2023

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To prevent catastrophic climate change, communities should transition towards using 100% clean, renewable carbon-free energy sources. Pasadena would show real leadership on the state, national, and global stage by adopting the goal of 100% clean energy by 2030.

**Ian Fenty, Ph.D.**  
Climate Science  
Jet Propulsion Laboratory  
January 22, 2023

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CO2 emissions, primarily from energy production, trap heat, leading to more frequent, intense, and larger droughts, water shortages, and wildfires, among other impacts. The solution is to switch energy production into renewable sources.

It makes historic sense that Pasadena, which was established as a health destination, should be a leader in how cities can modernize into a clean future, which will drive technology and job creation as well as reinforce identity and interest in the city by current and future residents. Just a few years ago, California came within 1-year of running out of reservoir water; it is pertinent that we make these changes *now* before we *do* cross that threshold.

**Dr. Joshua B. Fisher**  
Science Lead, Hydrosat Inc.  
Presidential Fellow of Ecosystem Science  
Schmid College of Science & Technology, Chapman University  
Project Scientist, University of California, Los Angeles (UCLA)  
(Eagle Rock resident & formerly with JPL until 2021)  
January 17, 2023

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Climate Change is real. It is already “loading-the-dice” for increasingly destructive extreme weather. It is caused by the build-up of greenhouse gasses in the atmosphere, primarily carbon dioxide released from burning fossil fuels and methane released during extraction and transportation of fossil fuels. The damage caused by Climate Change will continue to worsen over the coming decades, because of the human-generated greenhouse gasses already dumped into the air. There is no existing viable technology or method of removing this excess pollution at the scale needed to reverse this damage.

Thousands of the world’s leading climate experts have clearly stated in the last IPCC report that to have a better than 50/50 chance of avoiding the worst impacts of climate change, which pose an existential threat to human civilization, greenhouse gas emissions must fall to near-zero by 2050, and be cut in half by 2030.

The only viable roadmap for achieving these reductions, which has been shared with California policy makers by energy experts for decades, is to completely decarbonize the electric grid and electrify everything (cars, homes, light industry, heavy transport, etc.). It is imperative that the cost-effective transition of the grid to renewable electricity generation and storage proceed with urgency, so that the maximum benefit of expanding electrification is realized. Delaying this energy transition will exponentially increase damage from extreme weather including drought, wildfires, and flooding.

Directing PWP to plan for 100% emission-free electricity by 2030 is both cost-saving and life-saving for the PEOPLE of Pasadena.

**Joel A. Haber, Ph.D. Chemist**

Member of the Professional Staff, Caltech

Resident, District 2, Pasadena

January 22, 2023

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In 2020, 92% of Caltech’s greenhouse emissions are due to energy use. Decarbonization of the campus amounts to

electrifying its entirely energy system and supplying it with 100% clean electricity. The transition of PWP to 100% clean electricity by 2030 will therefore be critical to Caltech's Climate Action Goal.

— **Steven Low**

F. J. Gilloon Professor of Caltech

January 24, 2023

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## McMillan, Acquanette (Netta)

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**From:** Claudia Funke  
**Sent:** Monday, January 30, 2023 10:10 AM  
**To:** Gordo, Victor; Lyon, Jason; Williams, Felicia; Hampton, Tyron; Rivas, Jessica; Madison, Steve; Masuda, Gene; Jones, Justin  
**Cc:** PublicComment-AutoResponse  
**Subject:** Please Vote in Favor of Item 5: 100% Carbon Free Electricity by 2030

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Dear Mayor Gordo and Council Members,

**I write to urge you to vote in favor of item 5 on the consent calendar of the City Council agenda for January 30.**

As a member of PASADENA 100, I have had the privilege of speaking with literally hundreds of Pasadenans about our city's power going carbon free. I have been humbled by what I have heard and impressed with the diversity of supporters.

There was the young woman I met outside a coffee shop who was struggling to renovate her mother's house to be energy-efficient, so that it would be an affordable home for someone on a fixed income. And there was the advocate for minimum-wage workers, who immediately understood carbon-free energy as an environmental justice issue, as did so many others at the Latino Heritage Festival. That was hands-down PASADENA 100's most successful tabling venue, yielding 100 postcards, which made their way to you among the over 1300 handed over at the October rally.

My favorite, however, was a woman I met at the Brookside E-waste recycling event. She had solar panels on her home, the car she was in was a hybrid (she couldn't afford a new electric), and, well, she had no lawn to water, her yard had long been concrete. With exasperation, she asked me "*What more can I do?*" I replied: "*You can ask your City government to step up to the plate and complete one of our postcards.*" She did so eagerly. You should have that postcard also.

**The resolution to set a goal for 100% of Pasadena's electricity to come from carbon-free sources by 2030 is truly one that has grassroots support.**

We are at the end of the fossil-fuel era. Or we are at the end of us. It's our choice. This is about *saving us*, to borrow from the title of the book by climate scientist Katharine Hayhoe. And that means *all of us*. If we have learned anything in the last three years, it is that we are all connected, locally and globally. Climate change is an issue that unites us, and one that offers the opportunity to move us to a more equitable society in a new post-fossil fuel economy—one with more just utility rate structures, community solar, and new environmentally sound, better-paying jobs.

The transition won't be easy. Anything worth doing never is. And the first step is always the hardest. But once a first step is taken, the second step is a little less scary. Other cities are walking in front of us; we have them to learn from, and others will learn from us.

Thank you for your service to the people of Pasadena.

Respectfully,

Claudia Funke

1/30/2023  
Item 5

## McMillan, Acquanette (Netta)

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**From:** lauren cory  
**Sent:** Monday, January 30, 2023 10:36 AM  
**To:** PublicComment-AutoResponse  
**Subject:** Item 5 on tonight's agenda: Pas 100's Resolution YES!

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Jan. 29, 2023

**To Mayor Gordo and all Pasadena councilmembers,**

Utilizing some forms of renewable energy are location specific, such as: hydropower, wind and geothermal. Utilities must go to locations where *those* energies are found. No choice. **Solar is very different and can be developed just about anywhere.**

Most people believe we have to buy solar energy from far away, such as from Daggett, California, in San Bernardino County. Daggeet gets an average of 6.4 sun hours/day and Los Angeles gets 5.5 sun hours a day. **This is only 15% less than in the desert**, which is also about the same loss as through line transportation of energy from the desert.

**With this in mind, PWP *could* reframe its nagging problem of rooftop solar and *make it work for many additional residents.*** Currently, there are many who have the ability to invest in solar and storage, and would support PWP's transition to a clean tomorrow ***yet we need to make it easier, and more beneficial, for everyone to do so.***

**PWP could:**

- 1. Triple, quadruple solar panels' use and install batteries** outside the customer meter.
- 2. Exploit solar's efficiency for multi-unit buildings.**
- 3. Offer incentives!** Incentives terminated in 2018 should be reinstated.
- 4. Streamline the application process** for everybody and ***genuinely help lower income residents.*** The current Steps 1-4 are daunting. Don't make applying for solar on a "first-come, first-served" basis. "First-come, first-served" beautifully serves me with my Apple laptop but is next to impossible for lower income residents who might only have a cheap cell phone or tablet.
- 5. Then put all these practical innovations to work meeting Resource Adequacy requirements.** Like a Virtual Power Plant.
- 6. Take advantage of IRA grants** and tax credits designed to increase access to clean energy.

1/30/2023  
Item 5

**PWP's justified concerns about consistent delivery of power need to be addressed by *implementing the very best and the latest scientific solutions being used by other forward-thinking cities.***

**Why not create a small taskforce of truly innovative staff** that immediately reaches out to cities in California that have already implemented cutting-edge technologies? Reach out to **Stockholm**, which is almost 7 times the size of Pasadena and is one of the C40 cities.

**Make this taskforce an official part of the IRP process.** Also, engage **Clean Power Alliance**, which is our local CCA, the same way San Mateo County is working with **Peninsula Clean Energy**.

**Pasadena 100's Resolution**, which is Item 5 on the agenda this Monday, the 30<sup>th</sup>, is for 100% carbon FREE electricity by 2030. **VOTE FOR PASADENA 100's RESOLUTION** and send the clear message that the Pasadena City Council wants all relevant staff to focus on realistic, *science-based practices currently being implemented elsewhere* so that we reach 100% by 2030. *If San Mateo County can do it, so can we.*

**Thank you for your time!**

Lauren Cory

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