

CORRESPONDENCE FROM 10/10/2023

MUNICIPAL SERVICES COMMITTEE

MEETING

Stevenson, Garrett

Subject: FW: MSC Public Comment

From:

Sent: Saturday, October 7, 2023 4:35 PM

To: Stevenson, Garrett <gstevenson@cityofpasadena.net>

Subject: MSC Public Comment

My name is Denise Ortman, resident of District 1 and I urge the Municipal Services Committee to vote for 100% carbon free Electricity by 2030. Thank you, Denise

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Jamie Scott <>

Sent: Saturday, October 7, 2023 10:58 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>; Jamie Scott <>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

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Dear Members of City Council's Municipal Services Committee,

My name is Dr. Jamie Scott, I reside in District 6.

I'm writing to urge you to support a plan for 100% carbon free electricity by 2030 that was mandated by City Council earlier this year.

I do not think this is an impossible goal; however, I am concerned by the backsliding the PWP has done in failing to prepare a draft plan so far!

I believe that, with consistent messaging from the City Council, MSC and other Pasadena commissions (e.g., the Environmental Advisory Commission), perhaps the PWP will complete the task laid before them and prepare an IRP that meets expectations!

I look forward to attending the MSC meeting on Tuesday.

Unfortunately, my husband Dr. Felix Breden, will not be in town to attend, but he sends similar sentiments!

Best wishes

Jamie Scott

Jamie Scott, MD, PhD & Felix Breden, PhD
(she/her/hers & he/him/his)
Pasadena, CA 91105

We gratefully acknowledge that we work, play and live on the traditional lands of the Gabrieliño-Tongva peoples.

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Denise <>

Sent: Sunday, October 8, 2023 12:36 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

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City Council Members,

My name is Denise Robb. I am a resident of district 7, and I urge you to support a plan for 100% carbon free electricity by 2030. This is something that was already voted on but I want to make sure that we actually accomplish this goal.

Thank you for your consideration.

Sincerely,

Denise Robb

Member of Throop Church, PUSD Mom and Pasadena 100 supporter

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)

Stevenson, Garrett

Subject: FW: Carbon Free by 2030

From: Julie Parker < >
Sent: Sunday, October 8, 2023 2:11 PM
To: Stevenson, Garrett <gstevenson@cityofpasadena.net>
Subject: Carbon Free by 2030

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The City Council passed a resolution to assure that the city of Pasadena becomes carbon free by 2030. Pasadena Water and Power must find a way to comply, passing on costs to clients. Otherwise, what is a City Council's vote worth? These are our authorities, and PWP needs to find a way to comply. How? Break fossil fuel contracts and pay a penalty, make new contracts with fossil-free sources and pass costs on to all users. We are all in this together.

Julie Parker
Altadena, CA 91001
We pay extra for our power through Clean Power Alliance via Southern California Edison

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

-----Original Message-----

From: lorraine montgomery <>

Sent: Sunday, October 8, 2023 2:28 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Lorraine Montgomery. I am a resident of district 2, and I urge you to support a plan for 100% carbon free electricity by 2030.

Sincerely,

Lorraine

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

-----Original Message-----


From: Therese Brummel <>

Sent: Sunday, October 8, 2023 3:58 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

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City Council Members,

I am a resident of district 2, and I urge you to support a plan for 100% carbon free electricity by 2030.

My primary concern about the climate is the resilience of the planet, the oceans, our ability to grow food, and drought migration. These are my concerns because I have two grandchildren who are still young. I feel I must lobby for them, for a livable world. Time is of the essence. We cannot postpone changing our ways for 12 more years. The situation is too dire already.

Thank you for your service to the citizens of Pasadena.

Sincerely,

Therese Brummel RN

Transition Pasadena

Pasadena 100

Repair Cafe

Native Garden advocate

New Heat Pump owner

Sent from my iPhone

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Jenna Hoover Cobb < >

Sent: Sunday, October 8, 2023 4:47 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Jenna Cobb and I am a resident of Council District 2. I stand with Pasadena 100 and want 100% carbon-free energy by 2030. I care about climate change because as a person of faith, I believe that climate change will disproportionately impact the most vulnerable members of our community. This past year, we have witnessed how climate change has led to both flooding and extreme heat events. These climate change hazards will particularly affect our community members without reliable shelter and even just those who don't have air conditioning. It is our moral obligation to take climate action, and I believe that 100% carbon-free energy by 2030 can be a major way Pasadena communicates that it cares about its residents. 100% carbon-free energy will help slow down our release of carbon emissions, contributing to the work to limit global warming. Having our energy grid provide 100% carbon-free energy will also create a more resilient energy system for our community where we won't have to worry about brownouts, which would particularly support our residents who need energy to power their home medical equipment. Thank you for passing the carbon-free electricity by 2030 resolution, which I believe is a key step to investing in our community's long-term health and safety. With integrity, responsiveness, and innovation as some of our City's values, acting on this resolution is necessary for the City to live out its values. Now, I urge you to call on Pasadena Water & Power to make the IRP a concrete plan for reaching 100% carbon-free energy by 2030. Thank you.

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Mindy Pfeiffer < >

Sent: Sunday, October 8, 2023 4:53 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Mindy Pfeiffer, and my husband is Jordan Vannini. We are residents of district 5, and have lived in Pasadena since 1980. We are writing to urge you to support a plan for 100% carbon free electricity by 2030. This is imperative if we are truly serious about combating climate change, which is one of the most serious crises for our planet. Pasadena has the opportunity to lead the way and make a difference, and the time is now!

Thank you,

Mindy Pfeiffer
Jordan Vannini

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

-----Original Message-----

From: Fernando <>

Sent: Sunday, October 8, 2023 6:09 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Fernando Bonilla, I am a resident of district 5, and I urge you to support a plan for 100% carbon free electricity by 2030.

Regards,

Fernando

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Skylar Gering <>

Sent: Sunday, October 8, 2023 7:40 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Skylar Gering, I am a resident of District 7 and I urge you to support a plan for 100% carbon-free electricity by 2030.

Climate change is an existential threat, and we must take measures to protect Pasadenans now, and in the future. This is the moment. The city council knows this, which is why they unanimously approved the carbon-free by 2030 resolution in January. We must not let the moment slip. We must have a concrete plan from PWP to reach 100% carbon-free energy by 2030 within the IRP.

Thank you,
Skylar Gering

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

-----Original Message-----


From: Therese Brummel <>

Sent: Sunday, October 8, 2023 8:22 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

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City Council Members,

I am a resident of district 2, and I urge you to support a plan for 100% carbon free electricity by 2030. My primary concern about the climate is stressing the resilience of the planet, the oceans, our waning ability to grow food, and drought migration. These are my concerns because I have two grandchildren who are still young. I feel I must lobby for them, for a livable world. Time is of the essence. We cannot postpone changing our ways for 12 more years. The situation is too dire already.

Thank you for your service to the citizens of Pasadena.

Sincerely,
Therese Brummel RN
Transition Pasadena
Pasadena 100
Repair Cafe
Native Garden advocate
New Heat Pump owner

Sent from my iPhone

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Bert Newton <>
Sent: Sunday, October 8, 2023 3:10 PM
To: Sabha, Tamer <tsabha@cityofpasadena.net>; gstevenson@cityofpasadena.net
Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>
Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

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City Council Members,

While we enjoyed a relatively mild summer this year in Pasadena, the weather in much of the rest of the world was nothing less than scary! The heat waves, forest fires, storms, droughts and floods are beginning to feel like they are straight out of the biblical book of Revelation!

For this reason, I urge you to support a plan for 100% carbon free electricity by 2030. The City Council has already voted on this as a goal, but we need a plan to get there.

A viable plan should address these 7 strategic areas:

- 1.) increased rooftop solar in commercial, residential and municipal buildings for resilience and supply;
- 2.) developing adequate electricity storage (batteries);
- 3.) demand reduction and power optimization policies and technologies;
- 4.) urgent repair and expansion of the bottleneck at the Goodrich station that will impede our ability to import electric power no matter the source;
- 5.) rate equity and community solar for low-income ratepayers;
- 6.) accelerated power purchase agreements (PPA's);
- 7.) accessing federal and state funding programs to help pay for our investments.

Thank you for your attention to this very crucial and urgent matter.

--

Rev. Bert Newton
[Making Housing and Community Happen](#)

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Gail Werbach <>

Sent: Sunday, October 8, 2023 4:14 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; gstevenson@cityofpasadena.net

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Gail Werbach. I am a resident of the district 6. and I urge you to support a plan for 100% carbon free electricity by 2030. I want healthy grandchildren!

Gail Werbach

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

-----Original Message-----

From: Michael Robertson <>

Sent: Monday, October 9, 2023 9:33 AM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Michael Robertson, I am a resident of district 4, and I urge you to support a plan for 100% carbon free electricity by 2030.

I am a professional Environmental Scientist and know the dangers we all face from climate change first-hand. The time to act is now and some of the most meaningful change can come from action at the community and local level. I urge the city of Pasadena to do what it takes to decarbonize the electric grid by passing a comprehensive power plan that strictly mandates 100% carbon free electricity by 2030, a goal the city council unanimously approved.

Please take this city-wide goal seriously and do not allow Pasadena Water and Power to mislead you, provide incomplete information, or tell you it can't be done. Carbon free electricity by 2030 can and must be accomplished for the health and well being of the people of our city, the environment as a whole, and for our future.

Thank you!

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Shayne Smith <>
Sent: Monday, October 9, 2023 9:30 AM
To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>
Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>
Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Shayne Smith. I am a resident of District 7. For context, I am a retired engineering consulting executive, familiar with the power planning process and the needs of municipal governments. I stand with Pasadena 100 - a coalition, comprised of many well-educated and well-intentioned citizens. Together with all of us, I urge you to support a plan for 100% carbon free electricity by 2030 and to not accept the PWP's current IRP as complete, or acceptable for Pasadena's future needs.

I have participated in many of the recent public information events, and have the following comments on PWP's recent submission to the MSC:

1. Per Resolution 9977, PWP's IRP fails to provide anything close to an "optimized" solution. The scenarios, at best, represent extreme assumptions that, in each case are unrealistic. We need to use what we have learned from these scenarios to build a real plan.
2. Re: Financial Impacts (starting on pg 10): We agree that a cost-of-service study is required to ascertain the real financial implications to rate payers, but optimization of the extreme scenarios is required. They each need to incorporate the many additional considerations identified by Pasadena 100 (documented elsewhere). Some additional questions/considerations:
 1. How do we eliminate the outstanding balance of the Glenarm bonds by 2030?
 2. Pasadena 100 has tried to estimate overall rate impacts resulting from the potential increases to energy charges associated with the current scenarios. PWP needs to do the same.
 3. The financial concerns expressed throughout pg 11-14 address future rate challenges, but provide very little in the way of solutions to mitigate these concerns. We are left wondering whether the PWP is adequately equipped to deal with these challenges, or if they even want to.
3. Comparative Benchmark Analysis: It's encouraging to see that the PWP is looking to other CA POU's for comparison. Both SMUD and LADWP appear to have done enough planning/analysis work to be able to define the % zero carbon goal achievable by their current plans. We only wish that PWP was capable of presenting quantifiable options to our City Council so that we can determine the incremental cost impacts of achieving 90% of our target, versus 95%, versus 100%. Instead, the PWP just wants the IRP audience to understand that "this is really hard".
4. Next Steps: PWP's IRP is far from "forward thinking and flexible". Are they recommending that any of scenarios can form the basis of our plans moving forward? Even Scenario 4 appears to ignore adverse gas pricing impacts and is mostly reliant on wind energy, as opposed to more realistic blend of renewables. On pg 16-17, we actually get the first elements of a REAL PLAN, presented as near-term activities, including 100MW of solar capacity and a total of 85MW of battery storage capacity. WHEN

will these be undertaken? And THEN what? The additional actions presented in this section need to be progressed ASAP, not just considered. WE NEED A PLAN!!

5. Summary and Recommendation: The PWP has effectively outlined the barriers to progress, but provides no real solution for moving forward, effectively ignoring the City Council request to develop an optimized approach (with real options), and preferring to bask in its GHG reduction progress since 1990, back when our world was very much different than it is today.

Thank you for considering my input.

Shayne Smith, P. Eng.

Shayne Smith, P. Eng.

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: heidrun mumper-drumm <>
Sent: Monday, October 9, 2023 9:56 AM
To: Sabha, Tamer <tsabha@cityofpasadena.net>; gstevenson@cityofpasadena.net
Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>
Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

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City Council Members,

My name is Heidrun Mumper-Drumm, I am a longtime resident of Pasadena, and I urge you to support a plan for 100% carbon free electricity by 2030. Over the 50+ years that I have lived here, I have come to appreciate, and treasure, the unique characteristics of Pasadena. I would like to see my home-city continue, and be a home for other generations as well. I believe that we can do this by taking immediate action to plan for the 100% de-carbonization of electricity.

Moreover, while Pasadena is my home and workplace (and would benefit from this action), it is also part of a global effort to secure a climate future. I would like to see Pasadena take on this challenge and demonstrate its feasibility and necessity so that other cities and regions will follow suit.

Best,
> Prof Heidrun Mumper-Drumm
Academic Director Environmental Initiatives / ArtCenter College of Design
Chair / LA's Chief Sustainability Officer Taskforce

Stevenson, Garrett

Subject: FW: Comment for Agenda #2, MSC meeting October 10,2023

From: Kathy Berlin <>
Sent: Monday, October 9, 2023 11:31 AM
To: Stevenson, Garrett <gstevenson@cityofpasadena.net>
Subject: Comment for Agenda #2, MSC meeting October 10,2023

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Municipal Services Committee,

Please act on the Climate Emergency Resolution passed by the City Council last January. Pasadena must treat the Climate Emergency as an Emergency!

I urge you to require PWP to create a detailed, specific, measurable, plan to achieve 100% renewable energy by 2030. The IRP should include such a plan.

Thank you for your service to the city,
Kathy Berlin
resident

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Gregory Harrison <>
Sent: Monday, October 9, 2023 11:43 AM
To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>
Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>
Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

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City Council Members,

My name is Gregory Harrison, I am a resident of district 2, and I urge you to support a plan for 100% carbon free electricity by 2030.

No doubt you are aware of the urgent need for action relating to climate change. In the words of climate scientist Dr Michael Mann, this is "*our fragile moment*" - and it is not only wise but practical for us to take immediate steps to reduce the carbon pollution from fossil fuels. The shocking rate of change relating to the warming of the planet makes it even more urgent to end our reliance of fossil fuels.

I have been so fortunate to be a dad, and also a science teacher right here in Pasadena. I have spent the last decade learning about and teaching environmental science and specifically climate change. No mission is more urgent to me than the future of our children - including all my students. Our complacency has put their futures in peril. The sooner we act, the sooner we can begin to turn the tide. Our actions now not only begin to heal the atmosphere but also create a more livable, breathable environment.

Thank you,
-Gregory Harrison
Pasadena

Stevenson, Garrett

Subject: FW: MSC Oct 10 Meeting - Agenda Item 2: Support Compromise, Scenario 5


From: Robert Haw <>

Sent: Monday, October 9, 2023 1:19 PM

To: Stevenson, Garrett <gstevenson@cityofpasadena.net>; Sabha, Tamer <tsabha@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC Oct 10 Meeting - Agenda Item 2: Support Compromise, Scenario 5

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Please enter the following letter into the public record for the Municipal Services Committee meeting scheduled for October 10, Agenda Item #2. Thank you.

- Robert Haw

As the founder of *Pasadena 100* (in 2016), here's my view on why Scenario 5 should be selected as PWP's preferred IRP portfolio.

PWP's debt obligation to Magnolia Power Plant will be retired in 2036. Presuming that PWP won't terminate Magnolia early (nor Glenarm - needed for resource adequacy), Scenarios 1-3* can be dismissed as candidates for the preferred portfolio because both Magnolia and Glenarm are fossil-fuel sources of power. Thus only Scenarios 4 and 5* remain.

Either PWP demonstrates ambition in addressing the climate emergency (as outlined in City Resolution 9977) or it doesn't — in which case it'll slouch along and comply with the state-mandated goal. Given the climate circumstances we're all aware of, Scenario 4 is not ambitious. Scenario 5 is ambitious and practical, while remaining affordable.

My comments below refer to PWP's memo to the Mayor and City Council dated November 6, 2023 (presented to the Municipal Services Committee on October 10, 2023) entitled "ADOPTION AND APPROVAL OF THE 2023 POWER INTEGRATED RESOURCE PLAN FOR THE WATER AND POWER DEPARTMENT".

Table I forecasts that GHG emissions will equal 100,924 tons of CO₂ by 2031 for the Reference Case (Scenario 4). Compare this with Scenario 5's forecast emissions: 17,041 tons — a more ambitious number. A savings of 83,883 tons, roughly 17% of Scenario 4's total.

Table IV compares high-end cost estimates of ratepayers' utility bills. In this example, Scenario 4's monthly Energy Charge Portion of Customer Bill rises from \$70/month to \$102/month over 7-years (recall, this is the have-to-achieve, baseline case). Scenario 5's energy charge part of the monthly bill is predicted to rise from \$70 to \$143/month. That's an additional increase of \$143-\$102 = \$41/month more by the end of 2030. In other words, **a year-on-year increase of only \$6/month with respect to Scenario 4's rate**. That's not a lot of money in return for accomplishing something downright good in the world. (2024-2031 is 7-years; \$41/7 = \$6/mo.)

Under Scenario 5, over the next 7-years the ratepayer pays *4 cents more per ton of CO₂ released* for each ton of CO₂ saved in 2031 (CO₂ **not** released) in order to achieve Scenario 5's ambition (relative to the Reference Case). 1-ton of CO₂ is approximately equal to the emissions from a gas-powered mid-sized car traveling 2500 miles. The gasoline alone for that 1-ton trip would cost about \$500.

(\$41/mo * 12 mo/yr * 7 yr / 83883 tons = 4 cents per ton of CO₂.)
(<https://climate.mit.edu/ask-mit/how-much-ton-carbon-dioxide>.)

(2500 miles/22 mpg * \$5 per gal = \$568 for the trip.)

Isn't 4 cents per ton of CO₂-saved a cost that Pasadena can well afford in order to preserve its reputation as a climate leader? Muse on that while considering Resolution 9977. I urge the MSC members to recommend Scenario 5 as the preferred portfolio for PWP's 2023 Power IRP.

*PWP's draft Power IRP outlines 5 scenarios: Scenarios 1-3 represent different portfolios for achieving 100% carbon-free energy by 2031; Scenario 4 is the Reference Case, achieving a state-mandated, 60% clean-energy portfolio by 2031; Scenario 5 modifies Scenario 4 by adding the EPA's Social Cost of Carbon to all its retail sales.

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Blair Miller <>

Sent: Monday, October 9, 2023 3:59 PM

To: Jones, Justin <justinjones@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>

Cc: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

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Councilmembers,

I will be at MSC tomorrow but may have to leave early, so I am writing to add my voice to the chorus calling for a commitment to 100% carbon free electrical power.

I understand that there are potential cost issues that *must* be considered, especially so lower income Pasadenans do not carry the brunt of addressing the climate change crisis.

However, I am concerned about PWP's communication. I understand they have not been clear about the difference between costs attributable to the transition to cleaner energy and costs attributable to the volatility of the cost of gas. As you know, gas is not addressed in this plan. I am also concerned that PWP has assumed that the entire cost of rooftop solar will be born by the ratepayers. As you know, this is not true. Property owners pay for most or all of the costs of rooftop solar.

I am also concerned about CM Williams' request to Pasadena 100 to drop their focus on the IRP and focus on the Climate Action Plan instead. This is an aspirational document that sits on a shelf and does not meaningfully affect Pasadena's policies.

I know there will need to be robust incentive programs for rooftop solar, and also programs to support low income residents. This will not be a free transition!

But I hope that as Councilmembers you insist in accurate information from PWP so that you can make an informed decision.

Thank you,

Blair Miller

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Joel Haber <>

Sent: Monday, October 9, 2023 4:29 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Joel Haber, I am a resident of district 2, and a scientist well acquainted with the processes leading to the crisis of climate change and the accelerating pace of extreme weather disasters and the rapidly rising cost of recovery and mitigation. It is clear that rapidly transitioning to carbon-free electricity is the lowest cost option for Pasadena Residents, both directly in electricity rates and indirectly from reducing the costs of fossil-fuel induced climate change. This past year's volatile and rapid increase in electricity rates stemming from natural gas price increases serve as a reminder that fossil fuel prices are not stable, but also that our municipally owned utility is increasingly reliant upon a for-profit, monopoly gas company—Sempra, which along with Enron, not so long ago manipulated the gas market to inflate their profits and caused California's traumatic rolling blackouts.

"The Energy Commission also has specific and limited regulatory authority over the state's 44 publicly owned utilities", because it is understood that the public has direct influence over the policies and operations of these municipally owned utilities via their elected local representatives. Unfortunately, over the past 10 years I have become painfully aware of the methods used by PWP to frustrate public input urging reform of the utility's over-reliance on fossil fuel generated electricity. These methods include, but are not limited to, subdividing the public planning process to prevent comprehensive review of their operations or plans, "cooking the books" in the IRP process by using remarkably optimistic cost projections for fossil fuels while utilizing inflated, already out-of-date costs for renewable sources and battery storage, and by "running out the clock" by publicly disclosing all information at the last allowable moment to minimize the opportunity for the public to review and fact-check their information, and by submitting all reports requiring approval of city committees and of City Council at the last meeting possible before required submission to state regulatory authorities, again to prevent proper public review.

Nevertheless, PWP's previous two general managers, and other senior managers, always declared "but we work for the city, and we will do what City Council directs us to do." Now they have dropped even that pretense, by openly defying the City Council directive to develop as part of this IRP a plan to reach 100% carbon-free electricity by 2030, and not producing any plan.

I urge you not to accept this defiance of your directive to PWP, which is in accordance with how California's electric utility regulatory system is designed to work. I urge you to reassert the public's right to provide input and guidance to their utility via their elected representatives on City Council and by mandating reforms to the public consultation process.

I urge you to support a plan for 100% carbon free electricity by 2030, to reassert YOUR authority over this rouge utility.



RECEIVED

2023 OCT 10 7:12:45

CITY CLERK
CITY OF PASADENA

October 9, 2023

Felicia Williams, Chair and Vice Mayor, and Members of the Committee
Municipal Services Committee
100 North Garfield Avenue
Pasadena, CA 91109
VIA EMAIL

Dear Chair Williams and Committee Members,

Thank you for the opportunity to provide input as you consider the Integrated Resources Plan for the Power Division of Pasadena Department of Water and Power. I was privileged to sit on the advisory committee of the IRP and provided my input.

The Pasadena Chamber is supportive of your staff and their work and the climate goals of the City of Pasadena.

I would like to reiterate a couple of points I made during those discussions at the STAG:

1. I believe it is in Pasadena's best interests to have as much electrical generation and storage as possible within the borders of Pasadena or nearby. Whether as a result of a catastrophic event or lack of generation available through the CALISO and the state electrical grid, at some point Pasadena will be faced with a shortage of electricity available. Understanding that reality, we should seek to control as much of our power as possible so that remains available regardless of circumstances or shortfalls in supply. The way to do that is to encourage local installation of solar and storage and provide for community solar projects undertaken by PWP.
2. Pasadena ratepayers should be considered. Our climate goals are important. We need to do what we can to have a positive impact (or a lesser negative impact) on greenhouse gas emissions and other pollutants. We also need to consider the costs to the ratepayers. Many of your customers live day to day, paycheck to paycheck. For them, an increase of even 40% in the cost of electricity (not to mention added costs of the Utility User Tax and more) could be the difference between staying in their home or becoming homeless.

For your larger companies, the increased costs will be passed on to customers or recouped through lower wages paid, fewer employees on the payroll or other measures required to maintain a balanced budget.

Pasadena's municipal utility has always been an asset to our community. We appreciate local control and the ability to control, to some degree through the City Council, our utility destiny. We also appreciate the lower rates we enjoy because we own Pasadena Water and Power.

Please do not adopt plans, programs or policies that may make ownership of the utility a liability for your constituents and customers.

Cost of electricity is an important factor to many of your constituents.

Thank you,



Paul Little

President and Chief Executive Officer

cc: M. Marquez,

Stevenson, Garrett

Subject: FW: Municipal Services Committee Meeting 10/10/2023. Public Comment Item #2 Adoption and Approval of 2023 IRP

From:

Sent: Monday, October 9, 2023 5:15 PM

To: Stevenson, Garrett <gstevenson@cityofpasadena.net>; Sabha, Tamer <tsabha@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: Municipal Services Committee Meeting 10/10/2023. Public Comment Item #2 Adoption and Approval of 2023 IRP

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TO: Municipal Services Committee

CC: Mayor Victor Gordo

RE: MSC Meeting October 10, 2023. Agenda Item 2. Adoption and Approval of 2023 IRP

NO COMPLETE PLAN WAS SUBMITTED FOR ADOPTION AND APPROVAL.

Pasadena Water & Power (PWP) submitted a 20-page summary with their request for Adoption and Approval of the 2023 Integrated Resource Plan (IRP). Compare this brief 2023 Agenda Report to the complete 2018 IRP which was over 200 pages long with 96 exhibits: [2018-12-10 PWP 2018 Power IRP Attachment.pdf](#)

It is unethical if not illegal for the Municipal Services Committee (MSC) to adopt and approve the summary submitted for the October 10, 2023 MSC meeting, *in lieu* of a complete draft of the City of Pasadena 2023 Integrated Resource Plan. MSC is being asked to “sign a blank check” by approving a summary list of scenarios without a full report and actual plan. These scenarios were preliminary exercises to gain initial data for decision making.

MONTHLY POWER COST ADJUSTMENTS INCREASED THE ENERGY CHARGE ON 2023 RETAIL ELECTRIC BILLS.

The Energy Charge (“Power Cost”) is only part of the total electric bill which includes Transmission Charge, Distribution Charge, Monthly Customer Charge, Grid Access Charge, and Taxes.

The first monthly Power Cost Adjustment (PCA) was 2.5¢ per kWh (27%) effective March 1, 2023. For an average residential customer using 500 kWh per month, this resulted in a total bill increase of about \$14 for just one month followed by smaller monthly increases. As of September 2023, the same customer was paying about \$24 more per month than for the previous year, September 2022.

Assuming that PWP scenarios and data are correct, Table III on page 21 of the Agenda Report compares total bill increases for the same 500 kWh household as a percent increase for the entire period (7 years) from the present in 2023 to the future in 2030. This results in alarming double-digit increases ranging from 38% to 91%. However, if we calculate the percent increase for the same scenarios on an annual basis, they range from about 5% to 10%.

SCENARIO	#1	#2	#3	#4	#5
Current Energy Charge 2023 (Annual)	\$836.12	\$836.12	\$836.12	\$836.12	\$836.12
Future Energy Charge 2023 (Annual)	\$1,254.18	\$1,596.99	\$1,530.10	\$1,153.85	\$1,588.63

Total % Increase 2023-2030	50%	91%	83%	38%	90%
Annual % Increase 2023-2030	5.96%	9.69%	9.02%	4.71%	9.60%

The PWP Agenda Report to MSC exaggerates the cost of transitioning to carbon-free electric power. To make up for the increased cost of gas used to generate its electricity, PWP already increased the total electric bill for an average household by 18% in just 7 months. **We can and we must make the change to clean power.**

Vote NO on the current request for Adoption and Approval of the 2023 IRP and **demand a real plan for the transition to carbon-free electric power.**

Genette Foster
Council District 2

Stevenson, Garrett

Subject: FW: 10/10/23 Municipal Services Committee Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Sonja Berndt <>

Sent: Monday, October 9, 2023 5:36 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: 10/10/23 Municipal Services Committee Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

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Dear Members of the Municipal Services Committee of the Pasadena City Council:

My name is Sonja Berndt and I am a longtime resident of Council District 4. I urge you to support a plan for 100% carbon free electricity by 2030. We have all seen firsthand the devastating effects of climate change. Wildfires, floods, and other natural disasters. That is why I care about combating climate change by moving to carbon-free electricity on an urgent basis. You cannot simply "kick the can down the road" and state that 100% carbon-free electricity by 2030 is merely aspirational. There is no more time to dither. The time to set in motion all that needs to be done to ENSURE that the 100%-carbon-free-electricity-by-2030 mandate passed by the City Council in January is NOW.

Sonja Berndt
Pasadena

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Harry Wong <>

Sent: Monday, October 9, 2023 5:54 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Harry Wong. I am a student in Pasadena, and I urge you to support the plan for 100% carbon-free electricity by 2030. As a youth member in your community, your decision will be crucial for my future and the thousands of other supporters who are calling for carbon-free electricity. Our planet is shifting towards a sustainable future, and it is pertinent for the City of Pasadena to not only align themselves with those values but also be a leader for change. I hope this message finds you well and I have confidence that our city council will make the right decision.

Thank you,
Harry Wong

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Diane Morgan <>

Sent: Monday, October 9, 2023 7:04 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Diane Morgan, I am a resident of district 1, and I urge you to stand by your unanimous vote for 100% carbon free electricity by 2030 and not the shoddy, incomplete IRP that I fear will be presented for a vote in November.

I am deeply invested in Pasadena. And very concerned that the giant blanket of carbon/methane, etc in the atmosphere is going to make Pasadena a dangerous place to live. More people die from heat exposure than cold. The table below illustrates that 4 of the hottest days ever recorded in Pasadena occurred in the last 3 years. That kind of heat is scary, it's painful. Put that together with the drought

Are people going to start leaving Pasadena because of the heat? Can I feel confident that my little house will hold its value? Will I be able to sell it if I need to? Who would want to buy it and live here if the temperatures continue to soar?

I am astonished that people are not doing more to address the heat. I recognize that Pasadena is a small town in the scheme of things and does not have control over the climate, but we all need to do our part.

I applaud your unanimous vote for 100% carbon free electricity by 2030! I was so proud of Pasadena that day. Please stand firm in your resolve. Please protect your constituents. Please don't vote yes on an IRP that doesn't meet the goal.

Thank you,

Diane Morgan

P.S. the chart's source: <https://www.extremeweatherwatch.com/cities/pasadena/highest-temperatures>

Highest Temperatures in Pasadena History

This is a list of the 20 highest temperatures ever recorded in Pasadena, California history from 1893–2023 based on data from the NOAA.

- Highest temperatures by year
- Lowest temperatures all-time
- Change city

What's the hottest it has ever gotten in Pasadena?

The hottest temperature in Pasadena, California history is 115 °F which happened on Sunday, September 6, 2020.

Rank	Temperature	Date
1	115 °F	September 6, 2020
2	113 °F	September 7, 2020
2	113 °F	September 5, 2020
2	113 °F	July 7, 2018
2	113 °F	June 17, 1917
6	111 °F	September 4, 2022
6	111 °F	September 27, 2010
8	110 °F	June 27, 1990
8	110 °F	September 4, 1988
8	110 °F	July 27, 1934
11	109 °F	August 19, 2020
11	109 °F	August 18, 2020
11	109 °F	September 1, 2017

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: cheryl auger <>

Sent: Monday, October 9, 2023 8:32 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>; Madison, Steve <smadison@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

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City Council Members,

I urge you to support a plan for 100% carbon free electricity by 2030. We urgently need to work together to rapidly achieve a carbon free future by 2030 in Pasadena:

[Just how bad is climate change? It's worse than you think, says Doomsday author](#)

Excerpt: Think about everything in this article and what it all means

1. Massive heat waves across the planet
2. Rising fossil fuel emissions
3. Heating of 1.5 degrees C in 2023
4. Failure of the 2016 Paris agreements
5. Huge wildfires in Canada + CA, Europe, Australia, etc
6. Wildfires burning in the Amazon rainforest
7. Arctic Tundra thawing out and tripping a climate feedback loop
8. Other climate tipping points getting ready to trigger
9. The acceleration of Arctic warming
10. The coming Blue Ocean Event in the Arctic to make Arctic heating even worse
11. All the mountain glaciers are melting
12. Rivers are drying up
13. Aquifers are drying up
14. Reservoir lakes are drying up
15. Aquifers and farmland are becoming contaminated with salt water
16. Massive droughts across the planet
17. Massive floods in other parts of the planet
18. Crop failures
19. Heating and melting in Antarctica
20. Threats from the Thwaites glacier
21. Sea level rise around the world
22. Mass extinction events in every area - one species goes extinct every five minutes.

All these phenomena are happening simultaneously, and they will all be accelerating. If you can understand the convergence of these 22 problems, you can begin to understand how bad things are getting. And, if we

bypass the next 7 years after humanity has released another 257 gigatons of carbon dioxide into the atmosphere, none of these 22 things are going to get better? And then there are the unknowns.

- What if the Amazon rainforest collapses and releases another 100 gigatons of carbon dioxide?
- What if a large glacier in Antarctica collapses?
- What if all the ice in the Arctic disappears and we experience a blue ocean event?
- What if positive feedback loops like the Tundra really engage?
- What if droughts and floods and heat increase enough to cause major crop failures?

It's difficult to grasp all this, but if not our elected officials then who? And if not by 2030 then when? We are gambling life as we know it away.

Respectfully,
Cheryl Auger
District 6 Resident
District 7 Business Owner that reduces GHGs!

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

-----Original Message-----

From: brenden <>

Sent: Monday, October 9, 2023 9:37 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>; brenden <>; Madison, Steve <smadison@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

This is Felix Breden, resident of district 6. I fully support the community driven initiative for 100% Carbon Free Electrical power by 2030. There has been strong grass-roots support for 100% carbon free by 2030, and the council and commissions have responded to this wide community support. It is also the right thing to do for the environment and our health. Please keep up the good work and support this important goal.

Sincerely

Felix Breden

Stevenson, Garrett

Subject: FW: Consider the Effects of Integrated Resources Plan

From: Tim Cason <>
Sent: Monday, October 9, 2023 11:00 PM
To: Stevenson, Garrett <gstevenson@cityofpasadena.net>
Subject: Consider the Effects of Integrated Resources Plan

Dear Municipal Services Committee Members,

This message comes from a place of hope and support in the cornerstone of local communities and their ability to create positive change.

I hope this letter finds you in good health and high spirits. I am writing to express my concerns about the current state of electricity prices, energy efficiency credits and programs, and the challenges faced by small businesses in Pasadena. These issues not only affect the livelihoods of local entrepreneurs but also have broader implications for our community and economy.

In a recent interview, Vice Mayor Felicia Williams was quoted,
"I want to make sure that they have a city council member who will listen to everybody who will focus on city issues — which is services, safety, neighborhoods, quality of life — those are the issues that the city focuses on."

Electricity Prices: Over the past year, we have witnessed a significant and concerning increase in electricity prices in Pasadena. According to data from the California Energy Commission, the average residential / business electricity rates in Pasadena have doubled in the last 12 months. This dramatic surge in electricity costs has placed an undue burden on both residents and businesses alike, making it increasingly difficult for us to manage our expenses and plan for the future.

Energy Efficiency Credits: While we appreciate the efforts to promote energy efficiency through credits, there is room for improvement in the programs currently available. It has come to our attention that these credits often do not cover essential aspects of energy optimization, such as window tinting and HVAC services. These are proven methods for reducing energy consumption and should be eligible for energy efficiency incentives. By expanding the scope of these programs, Pasadena can encourage businesses and residents to adopt more sustainable practices and lower their energy bills.

Small Business Challenges: Small businesses are the backbone of the United States economy, and Pasadena is no exception to this truth. However, the present economic landscape presents a series of challenges to small businesses. Rising wages, escalating energy prices, and increased taxes are squeezing the margins of these enterprises. According to the U.S. Small Business Administration, small businesses account for 44% of U.S. economic activity and are responsible for creating two-thirds of new jobs in the country. Therefore, it is essential that we find ways to alleviate the financial pressures faced by small businesses in our city to ensure their continued growth and success.

Consultation with Small Businesses: I would like to highlight the importance of involving small businesses in decisions that directly affect their operations. These enterprises are deeply rooted in our community and have a unique perspective on the challenges they face. Involving them in the decision-making process can lead to more informed and equitable policies that support the interests of our local businesses.

I urge the Committee members to consider the data and statistics presented in this letter and take action to address

these pressing issues. By tackling rising electricity prices, expanding energy efficiency credits, and supporting small businesses, we can work together to create a more vibrant and resilient local economy. I look forward to your response and hope to see positive changes in our community soon.

Thank you for your time and dedication to serving our city.

Sincerely,

--

Tim Cason
COO / CMO
CTRL Collective

[Book a Call](#)
[Best Coworking Space in Pasadena](#)

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The matters contemplated by this communication do not constitute a binding agreement. No other agreement or understanding of any nature shall be deemed to have been entered into by, or be binding upon, any party unless and until all parties have reached agreement on all issues, and such entire agreement shall have been reduced to a written document that expressly states that.

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Donna Sider <>

Sent: Monday, October 9, 2023 5:49 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; +gstevenson@cityofpasadena.net

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

I'm Donna, resident of District 2. I stand in solidarity with Pas 100 and all gathered, urging every elected and all staff of PWP to support a measurable and transparent plan for **100% carbon free electricity by 2030!!**

As Creation Care liaison at Pasadena Mennonite, I'd like to call your attention to SB253 signed into CA law Sat. "This groundbreaking law will force large co's doing business in the state - including major global corps - to disclose their planetheating carbon emissions. The measure is the nation's first of its kind, serving as a blueprint for national climate accountability. And SB261 would additionally require businesses with > 500m in yearly revenue to disclose their climate-related financial risks or face annual penalties. Both bills will make data public beyond Calif borders, which could be fame-changing. These disclosure requirements will pull back the curtain on the biggest climate destroyers in the oil industry making it harder to GREENWASH.... Fed SEC chair, Gensler, said the measures could "change the baseline" for long-awaited federal law." Last month Newsome brought a lawsuit against oil dompaneis for misleading the public about the climate crisis." The Guardian.

"UNICEF data showed 20,000 children are displaced every single day due to extreme weather fueled by climate catastrophe. Researchers found that floods and storms caused 05% of all child displacements recorded, followed by drought and wildfires. 'It is terrifying for any child when a ferocious wildfire, storm or flood barrels into their community,' siaid UNICEF exec director Catherine Russell." Pope Francis lambasts climate change skeptics and 'irresponsible' Western lifestyles. "Our responses have NOT been adequate, while the world in which we live is collapsing near the breaking point." He lays blame squarely on those like this city's elite who call the shots with elected and hired officials in this city doing their bidding: "Regrettably, the climate crisis is not a matter that interests the great economic powers, whose concern is with the greatest profit at low cost and in the shortest amount of time."

It is for these dire reasons, I gave up another evening to organize, mobilize and agitate for those without a voice. At Pasadena Mennonite our call is to be Jesus-emulators. While fully human & living among us, Jesus, doing his Father's work never shied away from TRUTH-telling. He regularly confronted powers, calling them on their lack of compassion for the poor, houseless or nearly so.

Imagine, really listening to those who show up in chambers - giving your attention to something TRULY important.

With hope that does not disappoint,
D Sider, RN, community organizer
Representing Pasadena Mennonite Church

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

-----Original Message-----

From: Duncan Sinclair <>

Sent: Monday, October 9, 2023 6:00 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; g Stevenson@cityofpasadena.net; Rivas, Jessica <jerivas@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Morales, Margo <mlmorales@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

I am a resident of District 5, and I urge you to support a plan for 100% carbon free electricity by 2030. The climate crisis is becoming more dire with every passing year, and I hope that Pasadena will continue to be a leading city in fighting climate change and keeping our city livable.

Thank you.

Duncan Sinclair
E Mountain St, Pasadena

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Dr. Andrea Davis <>

Sent: Tuesday, October 10, 2023 6:19 AM

To: +gstevenson@cityofpasadena.net; Sabha, Tamer <tsabha@cityofpasadena.net>

Cc: +justinjones@cityofpasadena.net; +thampton@cityofpasadena.net; Williams, Felicia <fwilliams@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

Dear City Council Members,

My name is Andrea Davis and I am a psychologist, business owner, and employer in District 5, and I urge you to support a plan for 100% carbon free electricity by 2030. Climate psychology is the newest sub segment of our mental health field that arose in response to the extreme stress many patients are experiencing related to the irrevocable losses our current carbon-based economy is causing to health, species survival, and possibly human survival.

As a parent of four and a large mental health group practice owner, I am responsible to protect the health and well-being of many. Toward that goal, I am asking for Pasadena to do its part to protect the future of our delicate planet.

Andrea Davis, PhD

Licensed Psychologist PSY 12296

Owner/Founder Greenhouse Therapy Center

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Colin Bogart <>

Sent: Tuesday, October 10, 2023 9:51 AM

To: Stevenson, Garrett <gstevenson@cityofpasadena.net>; Sabha, Tamer <tsabha@cityofpasadena.net>

Cc: Lyon, Jason <jlyon@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Williams, Felicia <fwilliams@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

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Dear City Councilmembers,

I am a resident of District 1 and I'm stunned by the bold disrespect of our democratic process being demonstrated by PWP. They are asking you to vote in support of the draft IRP and yet a copy of that draft document has not been made public. Since when does any City Department request approval for a plan without providing at least a draft copy of that plan? DOT would certainly not ask for approval of a transportation plan without providing a copy. The Planning Department and Parks Department also would not attempt to request approval of a specific plan or a park project without providing the appropriate documentation. I feel that PWP is acting as though it is exempt from providing accurate information to the council, the public, and the groups tasked with advising the City about the IRP. This is unacceptable.

I ask that you direct PWP to provide a full draft IRP before the MSC can vote on a recommendation. I hope that as Councilmembers you insist on accurate information from PWP so that you can make an informed decision.

I am also very concerned about PWP's communication. I understand they have not been clear about the difference between costs attributable to the transition to cleaner energy and costs attributable to the volatility of the cost of gas. I am also concerned that PWP has assumed that the entire cost of rooftop solar will be borne by the ratepayers. As you know, this is not true. Property owners pay for most or all of the costs of rooftop solar.

I understand that there are potential cost issues that *must* be considered, especially so lower income Pasadenans do not carry the brunt of paying for the climate change crisis. But I do NOT believe that PWP is being honest with us and I'm asking you to hold them to account.

Thank you for the good work you are doing and for your support of 100% carbon free energy for Pasadena by 2030.

Sincerely,

Colin Bogart
District 1 resident

Stevenson, Garrett

Subject: FW: Oct. 10, 2023 Municipal Services Committee Meeting – Public Comment, Agenda Item 2 (Support for 100% Carbon Free Electricity by 2030)
Attachments: 20230130_PasadenaCityCouncil_Resolution_9977.pdf

From: Una Jost

Sent: Tuesday, October 10, 2023 10:00 AM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: Oct. 10, 2023 Municipal Services Committee Meeting – Public Comment, Agenda Item 2 (Support for 100% Carbon Free Electricity by 2030)

Greetings Councilmembers,

I'm Una Lee Jost, Pasadena resident District 4, PUSD parent leader, and member of the PTA, the nation's largest volunteer-led child advocacy association working to drive improvements in the education, health and well-being of all children and families.

In October 2022, 300 local residents, including high school students, rallied at the steps of City Hall calling for our City to transition to 100% Carbon Free Electricity by 2030.

I'm pleased the Pasadena City Council adopted Resolution 9977 in January since then, declaring a Climate Emergency and committing to achieve 100% Carbon Free Electricity by 2030, along with support of the PUSD Board of Education and PCC Board of Trustees.

However, just like what one of my law professors used to say back when I was in law school, the Constitution is only a piece of paper if no one enforces it.

The same with the Council's Resolution 9977.

As you may recall, Resolution 9977 includes the following Resolve clause:

"NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF PASADENA AS FOLLOWS:

Section 1. The City Council hereby declares that climate change is an emergency that threatens the health and welfare of our city, region, state, nation, and the environment.

Section 2. The City commits to environmental stewardship and continued leadership in sustainability.

Section 3. The City Council hereby sets a policy goal to source 100% of Pasadena's electricity from carbon free sources by the end of 2030.

Section 4. The City Council hereby directs the City Manager to utilize the 2023 IRP process to plan multiple approaches to transition to the goal described in Section 3 and to optimize affordability, rate equity, stability, and reliability of electricity while achieving this goal.

Section 5. The City Council hereby directs the City Clerk to send a certified copy of this resolution to the Pasadena Water and Power General Manager."

In furtherance of Resolution 9977, it is VITAL the MSC Committee recommend a plan through the IRP process that actually gets us to our goal of 100% Carbon Free Electricity by 2030 - one that clearly states that Pasadena plans to achieve the goal stated in Resolution 9977 of carbon-free electricity by 2030, along w/ a timeline and milestones. Electric power production is responsible for more than 25% of greenhouse gas emissions in the US and our City of Pasadena owns our own utility company, so we have the power and responsibility to do so.

By doing so, the MSC Committee would also be in alignment with the State PTA's stated goals:

- In 2015, the PTA passed a "Climate Change is a Children's Issue" resolution explaining that our children are most vulnerable to the hazards of climate change.
- In 2020, the PTA reaffirmed its commitment passing a "Net Zero Emission Schools" resolution declaring that "children are among the populations most affected by climate change: a child born today will experience climate-related health impacts from infancy to old age - experiencing significantly increased health risks due to extreme weather events, climate-sensitive infectious diseases, air pollution-related illness, and heat-related illnesses. The PTA thus called for our leaders to "plan for and implement greenhouse gas emission reductions at the rate required to safeguard the futures of our children and generations to come."

Climate scientists are in consensus we have a limited time window (2030 less than a decade away) to reduce carbon emissions to 40-60% below 2010 levels in order to avert climate catastrophe.

And that if the current trend of fossil fuel use continues beyond 2030, Pasadena's children will not only experience significantly increased risk of air pollution, but also water insecurity, food insecurity, infectious diseases, extreme heat, habitat loss, drought, and poverty WITHIN THEIR LIFETIMES.

In light of the danger to our families and communities, I'm most appreciative of Councilmember Madison's words on the City of Pasadena's website. In his words:

"Pasadena is now committed to achieving 100% carbon free electricity by 2030. As far as I'm concerned, this is a unanimous mandate from the City Council, not a lofty, aspirational policy goal. If challenges such as the affordability of the new energy sources arise, we must find solutions and stay true to our commitment to go carbon free. If we need to subsidize low-income families, I'm all for that. If we need to look at different approaches to our rate structure, I'm all for that, too. But we cannot abandon this commitment just because it turns out to be more costly. We have to do this.

"Climate change is truly an existential threat. We're Pasadena. If we can't do this, nobody can. We're the home of Caltech, JPL, the Carnegie Observatory, and the best minds in the country. We don't want to go along to get along. We want to be a leader. We want to far exceed the state's bare minimum requirements."

"Pasadena has been a leader in this space for a long time by adopting the UN Urban Environmental Accords in 2006, a Green Cities declaration, and an environmental charter. Those are important historical documents that demonstrate this Council's and the City's leadership on climate change action."

Councilmembers:

As you may recall, the stated mission of the Municipal Services Committee is set forth as follows: "*The City of Pasadena is dedicated to delivering exemplary municipal services, responsive to our entire community and consistent with our history, culture and unique character.*"

As our leaders, I urge you to be responsive to our community and LEAD the way in protecting Pasadena's children - recommend a plan with a timeline and milestones that will actually enable our City to achieve the urgent goal of 100% Carbon Free Electricity by 2030. This is our time to rise to the occasion and use all the tools and resources at our disposal to help ensure a planet and future that Pasadena's children, and all children and youth deserve. Because WE ARE IN A CLIMATE EMERGENCY. Thank you.

In hope,

~ Una Lee Jost, Resident of Pasadena

ATTACHMENT B RESOLUTION 9977

RESOLUTION NO. 9977

**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**

WHEREAS, on March 5, 2018, the City of Pasadena ("City") adopted a Climate Action Plan ("CAP) based on the Global Warming Solutions Act of 2006 ("AB 32") and focuses on five specific GHG reduction strategies: Energy Efficiency and Conservation; Sustainable Mobility and Land Use; Solid Waste Reduction; Water Conservation; and Urban Greening; and

WHEREAS, the CAP reinforces Pasadena's commitment to providing sources of renewable power and reducing GHG emissions by meeting or exceeding state required emissions reduction targets; and

WHEREAS, the City has already implemented a number of important actions to achieve CAP GHG reduction goals including but not limited to a commitment to procuring only low carbon generating resources and phasing out all fossil fuel contracts, and offering a 100 percent renewable Green Program rate option for customers; and

WHEREAS, the City has declared a water supply shortage and has enacted stringent water conservation policies and strategies to mitigate the effects of ongoing drought conditions; and

WHEREAS, the City actively promotes active transportation, public transit, and continues to demonstrate leadership in accelerating the adoption of Electric Vehicle ("EV") technology with Pasadena having one of the highest percentages of registered EVs in the nation; and

WHEREAS, the City has adopted ordinances to achieve long-term GHG reduction including a requirement to include electrification in new building designs, prohibiting the use of gas-powered leaf blowers, and prohibiting polystyrene food packaging in Pasadena; and

WHEREAS, the City continues to exceed CAP Urban Greening targets by restoring greenspace and planting new trees to improve carbon sequestration, reduce urban heat-island effect, and increase opportunities for active recreation; and

WHEREAS, the City has developed partnerships with community-based organizations for inclusive energy efficiency and water conservation programs and actively engages the community in conservation strategies; and

WHEREAS, the Pasadena Environmental Advisory Commission on January 17, 2023, the Pasadena Unified School District Board of Education on December 15, 2022, and the Pasadena City College Board of Trustees on January 18, 2023, each took action to support a goal of the City of Pasadena achieving 100% carbon free Energy by 2030 to address the climate emergency; which aligns with and supports previous actions of the Pasadena City Council when it adopted an Environmental Charter in 2005, endorsed the U.S. Mayors' Climate Protection Agreement and the United Nations Urban Environmental Accords, and launched a Green City Action Plan in 2006; and

WHEREAS, the City recently implemented a comprehensive GHG Inventory process to measure actual and forecasted emissions of municipal operations and the community to gauge the ongoing progress of the CAP; and

WHEREAS, California continues to pass successor legislation that expands on the goals of AB 32 and prioritizes climate change mitigation strategies; and

WHEREAS, in the 2022 Scoping Plan for Carbon Neutrality ("Scoping Plan"), the California Air Resources Board ("CARB") has set a recommended GHG emissions reduction target of 85 percent below 1990 levels by 2030 and carbon neutrality by 2045, and updates the Scoping Plan every five years with increasingly ambitious targets; and

WHEREAS, in Policy D-135.966, the American Medical Association has declared climate change as a "public health crisis that threatens the health and well-being of all individuals" and promises to advocate for policies that limit global warming, reduce GHG emissions, and support clean energy solutions; and

WHEREAS, according to the California Energy Commission, the percentage of California's energy that comes from renewable resources continues to increase as the state moves toward 100 percent clean energy; and

WHEREAS, proactive planning is required to ensure that GHG emissions reduction can be achieved while maintaining a power supply portfolio that meets customer needs, satisfies local and state reliability requirements, and minimizes electric rate impacts and volatility; and

WHEREAS, the City's role as a publicly owned utility is governed by local, state, and federal laws and regulations; multi-party agreements; and bond documents which direct and/or impact operating and investing decisions; and

WHEREAS, Pasadena Water and Power ("PWP") undergoes its Power Integrated Resource ("IRP") planning process every five years, which guides how Pasadena's electricity will be sourced for the next 20 years; and

WHEREAS, the City is committed to demonstrating aggressive action and ongoing leadership in combating climate change and has set GHG targets that will achieve carbon neutrality before 2045.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF PASADENA AS FOLLOWS:

Section 1. The City Council hereby declares that climate change is an emergency that threatens the health and welfare of our city, region, state, nation, and the environment.

Section 2. The City commits to environmental stewardship and continued leadership in sustainability.

Section 3. The City Council hereby sets a policy goal to source 100% of Pasadena's electricity from carbon free sources by the end of 2030.

Section 4. The City Council hereby directs the City Manager to utilize the 2023 IRP process to plan multiple approaches to transition to the goal described in Section 3 and to optimize affordability, rate equity, stability, and reliability of electricity while achieving this goal.

Section 5. The City Council hereby directs the City Clerk to send a certified copy of this resolution to the Pasadena Water and Power General Manager.

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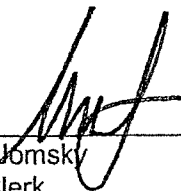
Adopted at the regular meeting of the City Council on the 30th day of January
2023, by the following vote:

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

NOES: None


ABSENT: None

ABSTAIN: None



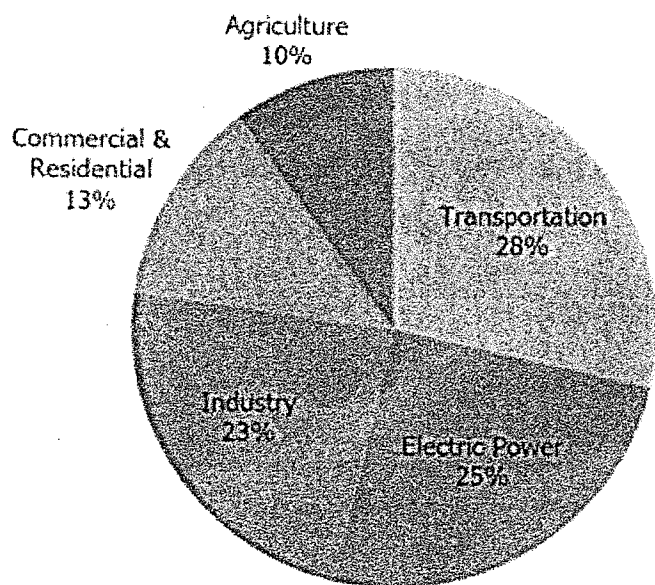
Mark Jomsky
City Clerk

Approved as to form:



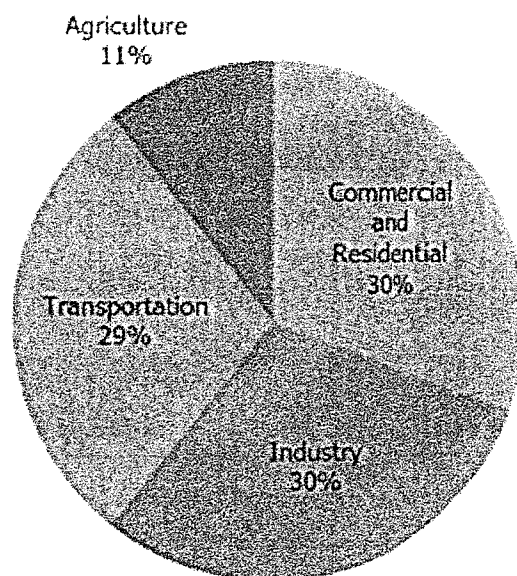
Lisa Hosey
Assistant City Attorney

U.S. Greenhouse Gas Emissions by Economic Sector in 2021



Total U.S. Greenhouse Gas Emissions by Economic Sector

[Image to save or print](#)



Total U.S. Greenhouse Gas Emissions by Economic Sector and Electricity End-Use

[Image to save or print](#)

Note: All emission estimates from the *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2021*. Greenhouse gas emissions from commercial and residential buildings increase substantially when emissions from electricity end-use are included, due to the relatively large share of electricity use (e.g., heating, ventilation, and air conditioning; lighting; and appliances) in these sectors. Also, if emissions from electricity use are allocated to the industrial end-use sector, industrial activities account for a much larger share of U.S. greenhouse gas emissions. Land Use, Land-Use Change, and Forestry in the United States is a net sink and offsets 12% of these greenhouse gas emissions. This net sink is not shown in the above diagram.

CLIMATE CHANGE IS A CHILDREN'S ISSUE

Adopted by Convention Delegates May 2015

- WHEREAS, There is broad scientific consensus that Earth's climate is warming at a unusual pace compared to natural changes in climate experienced in the past; and
- WHEREAS, There is broad scientific consensus among climate scientists that human activities, contributing to greenhouse gases, are the dominant cause in climate warming; and
- WHEREAS, Children represent a particularly vulnerable group already suffering disproportionately from both direct and indirect adverse health effects of climate change; and
- WHEREAS, The greenhouse gases emitted into the atmosphere will accumulate over the coming decades and will profoundly impact today's children as adults and future generations; now therefore be it
- RESOLVED,** That the California State PTA urge its units, councils and districts to educate parents on the impact of climate change on children's health and future welfare; and be it further
- RESOLVED,** That the California State PTA, its units, councils and districts, urge school districts to educate students on climate and energy literacy and human sustainability; and be it further
- RESOLVED,** That the California State PTA, its units, councils and districts urge school districts to support programs and strategies to make schools more climate-safe and energy efficient models to prepare children for climate changes already underway; and be it further
- RESOLVED,** That the California State PTA, its unit, councils and districts urge school districts to serve as role models for practices that promote energy conservation, alternative energy sources, reducing dependency on automobile travel and encouraging sustainable practices; and be it further
- RESOLVED,** That the California State PTA consider climate change a children's issue and urge its units, councils and districts to advocate for comprehensive local, state and national legislation to substantially reduce man-made contributions to climate change and to mitigate its impact on children's health; and be it further
- RESOLVED,** That the California State PTA submit this resolution to the National PTA for consideration by the delegates at its convention.

###

Continued on next page

BACKGROUND SUMMARY

According to thousands of peer-reviewed studies, the Earth's temperature is warming and the dominant reason is due to human activities. In California, climate change will cause more frequent and intense forest fires, more air pollution and deadly heat waves, a significant reduction in the snowpack and state water supplies, sea level rise and erosion along California's long coastline.

Today's children are already being impacted by climate change. Because of their physical, physiological, and cognitive vulnerability, children are more susceptible to adverse health effects from environmental hazards. As impacts of climate change worsen in the coming years, anticipated direct health consequences of climate change will include injury and death from extreme weather events and natural disasters, increases in climate-sensitive infectious diseases, increases in air pollution-related illness, and more heat-related, potentially fatal, illness. By rallying to protect and prepare our children today, we help the nation, the planet and future generations.

NET ZERO EMISSION SCHOOLS

Adopted by the Statewide Annual Meeting Delegates June 2020

- WHEREAS,** Children are among the populations most affected by climate change: a child born today will experience climate-related health impacts from infancy and adolescence to adulthood and old age--including increased food insecurity and malnutrition, heightened transmission rates of infectious diseases, economic losses from extreme weather events, temperature rise and heatwaves, and negative health effects from heat, air pollution and wildfire smoke--and these impacts are already present and worsening; and
- WHEREAS,** The Intergovernmental Panel on Climate Change estimates that human activities have already caused approximately 1.0°C of global warming above pre-industrial levels, and furthermore that global warming is likely to reach 1.5°C by as early as 2030 if it continues to increase at the current rate; and
- WHEREAS,** Rapid reductions in greenhouse gas emissions across all sectors of our society--particularly CO2 emission reductions to 40-60% below 2010 levels by 2030, and net zero by 2050--are necessary in order to limit global warming to within 1.5°C and thereby significantly reduce the risks and impacts of climate change; and
- WHEREAS,** School activities such as transporting students, heating buildings and water, and employee commuting contribute to climate change because they create greenhouse gas emissions; however, schools vary widely in terms of the resources, including funding, staffing and expertise that they have available to achieve net zero emissions; now, therefore, be it
- RESOLVED,** That California State PTA and its units, councils and districts support legislation, regulations and/or other measures that would educate communities about the hazards to children and direct schools to inventory their current greenhouse gas emissions, then plan for and implement greenhouse gas emission reductions at the rate required (or faster) to limit global warming to within 1.5°C of average pre-industrial temperatures; and be it further
- RESOLVED,** That California State PTA and its units, councils and districts support legislation, regulations and/or other measures to identify resources needed to address financial and other constraints that may hinder the planning and implementation of greenhouse gas emission reductions at schools throughout the state; and be it further
- RESOLVED,** That California State PTA and its units, councils, and districts urge legislators and other decision-makers to invest in greenhouse gas emission reductions by schools; however, these investments should NOT be offset by, or at the expense of, reductions in state or local in K-12 education, higher education, nutrition, health care, or other programs that improve the lives and prospects of children and youth; and be it further

RESOLVED, That California State PTA, its units, councils and districts, urge schools to ensure that greenhouse gas emission reduction measures undertaken at school sites serve to reduce the emissions of their broader communities where possible (for example, by making electric vehicle charging infrastructure installed in publicly accessible areas of school sites available for public use outside of school hours).

###

BACKGROUND SUMMARY

Our children are most vulnerable to the hazards of climate change. In 2015, California State PTA adopted a resolution entitled “Climate Change is a Children’s Issue,” that urged “school districts to support programs and strategies to make schools more climate-safe and energy efficient models.”

Research published over the ensuing 5 years shows how urgently we must act. Most notable is the 2018 report of the Intergovernmental Panel on Climate Change, which projects with high confidence that the risks and impacts of climate change can be significantly reduced if, by 2030, global net CO₂ emissions from human activities decline by about 45% from 2010 levels, and then reach net zero by around 2050. Achieving emission reductions at this scale and speed requires participation from all sectors of our society. As institutions focused on improving the well-being of children, schools have a particular opportunity to participate in and even lead these efforts.

This resolution seeks to engage PTA members, and their communities, in a concerted effort to advocate for and encourage school efforts to reduce their greenhouse gas emissions at the rate required to safeguard the futures of our children and generations to come. California has existing laws, resources and guidance in place to help schools do this, and potential funding is also available. Program examples include the US Department of Education’s Green Ribbon Schools program and the California Air Resource Board’s “Cool California” website. Both facilitate local schools’ ability to inventory their greenhouse gas emissions and then develop emission reduction plans that align with local circumstances and possibilities. Programs like these are a great starting point, but we must make faster and more widespread progress.

In practice, greenhouse gas emission reductions at schools are likely to come from two main areas. First, California’s largest single category of greenhouse gas emissions is fossil fuel combustion to power on-road transportation (cars, buses and trucks). Schools contribute to such emissions both through transporting students (over 250 million school bus miles are traveled annually statewide) and through employee commuting by over 500,000 teachers and other employees. The second area is emissions from the buildings at over 10,000 schools statewide (typically through natural gas combustion for water heating and space heating). Many climate change mitigations involving buildings and transportation are viable today, and in many cases are more cost-effective than ‘business as usual.’

Net Zero Emission Schools – continued

Finally, any realistic effort to address greenhouse gas emissions at schools throughout California must also provide the support needed to address the resource constraints - including funding, staffing, information and expertise - that many schools need to address in order to successfully plan and implement greenhouse gas emission reductions. Some schools have already made notable progress, and highlighting their successes and 'lessons learned' can help others who are at earlier stages in their journey to achieving net zero emissions.

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

-----Original Message-----

From: Andrew Blik <>

Sent: Tuesday, October 10, 2023 10:26 AM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

Greetings Hardworking City Council Members,

My name is Andrew Blik, I am a resident of district 3. There are many reasons why taking action to become carbon free as soon as possible is a necessity. What stands out to me more than anything, this will make the longevity and relevance of Pasadena for the inevitable future.

As you are aware, the world cannot continue in the projected path it is on. People will die as temperatures increase. Pandemics will not be a novelty, but constant as the environment is more hospitable to parasites, diseases, and viruses. Coastal regions are already seeing changes as wildlife reduces and storms grow more intense. That is why this summer we have seen a tropical storm and flash flooding unlike anything the past 10 years.

The time for action is now. We are already on the edge of the knife. Any further and our way of life will be compromised. We will be left scrambling to find new homes, new resources, and new approaches to life.

We can get ahead of the curve by becoming a beacon of innovation and sustainable living. Residence will thrive, business will surge, and an already well protected and respected city of Pasadena will be more desirable than ever. To the point even that it will be a haven for those who were not so prudent to respond to the call for change. The 100% carbon free position will make Pasadena an outlier in the beginning but a true leader in the Southern California area and will ensure its relevance for centuries to come.

I strongly urge you to take action to help this city, its residence, and yourself realize our potential.

Thank you for your hard work and listening.
See you soon,

Andrew Blik

For information about our data collection and privacy practices, visit our privacy policy at <https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fcertapro.com%2Fprivacy-policy%2F&data=05%7C01%7Cgstevenson%40cityofpasadena.net%7C62d02228fc7a434c1ced08dbc9b5eeab%7C82d9fc002c664402a28fc6bcd32e491%7C1%7C0%7C63832555483058433%7CUnknown%7CTWFpbGZsb3d8eyJWljoIMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Iik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=VZyf6Ri6sMwBOWbZlq9Lx8ATKELC1usZJg%2BT06N2pRo%3D&reserved=0>

Stevenson, Garrett

Subject: FW: MSC Public Comment: Support for Carbon Free Electricity by 2030

From: Stewart, Bryn H. < >

Sent: Tuesday, October 10, 2023 10:44 AM

To: Stevenson, Garrett <gstevenson@cityofpasadena.net>; Sabha, Tamer <tsabha@cityofpasadena.net>

Subject: MSC Public Comment: Support for Carbon Free Electricity by 2030

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Please support 100% carbon-free electricity by 2030 in today's vote on the Integrated Resource Plan.

Thank you,
Bryn Stewart

Bryn Stewart

Postdoctoral Scholar Research Associate, Environmental Science and Engineering
Division of Geological and Planetary Sciences
California Institute of Technology

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Christy Moision <>

Sent: Tuesday, October 10, 2023 11:07 AM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; ggstevenson@cityofpasadena.net

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

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City Council Members,

My name is Christy Moision, I am a resident of District 7, and I urge you to support a plan for 100% carbon free electricity by 2030. We can no longer get by with the status quo or doing the bare minimum. We need bold action now.

Christy Moision

Stevenson, Garrett

Subject: FW: Integrated Resources Plan

From: Walnut Plaza <>

Sent: Tuesday, October 10, 2023 11:24 AM

To: Stevenson, Garrett <gstevenson@cityofpasadena.net>

Subject: Integrated Resources Plan

Dear Mr.Stevenson:

I am the owner of several businesses and a high rise building in the City of Pasadena. We have been struggling mightily over the last few years with massive cost increases resulting from increasing the minimum wage about 50% over a 5 year period, followed by tenants going under or retiring due to issues related to the pandemic, followed by a slow return of workers to their offices, if at all.

We simply can not pass on major new costs from our utilities. Rents have gone down and vacancies up dramatically from the pandemic. Please do not add to our burden. You will compound and pile on to our current economic problems and force many businesses to go out of business or lose their properties to foreclosure.

Thank you in advance for considering our business issues as part of this proposed project.

Very Truly Yours,

Vernon E Murray
Pasadena, CA 91101

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Paul Rosemurgy <>

Sent: Tuesday, October 10, 2023 11:44 AM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Paul Rosemurgy, I am a resident of district 7, and I urge you to support a plan for 100% carbon free electricity by 2030.

Stevenson, Garrett

Subject: FW: Agenda item 2: ADOPTION AND APPROVAL OF THE 2023 POWER INTEGRATED RESOURCE PLAN FOR THE WATER AND POWER DEPARTMENT

From: William Pan <>
Sent: Tuesday, October 10, 2023 11:48 AM
To: Lyon, Jason <jlyon@cityofpasadena.net>; Williams, Felicia <fwilliams@cityofpasadena.net>; Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>
Cc: sustainability club (middle school) <>; Emmett Joanou <>; Ryan Kim <>
Subject: Agenda item 2: ADOPTION AND APPROVAL OF THE 2023 POWER INTEGRATED RESOURCE PLAN FOR THE WATER AND POWER DEPARTMENT

Dear Councilman Lyon and Vice Mayor Felicia Williams:

We are writing as the Polytechnic School Sustainability Club, which works on finding environmentally sustainable solutions on campus and in our community. We understand that a significant portion of our City's emissions currently stems from our electricity, which is not 100% clean energy. We appreciate your recent climate action, declaring a climate emergency in January and setting a goal of sourcing 100% carbon-free electricity by 2030. We understand that the city is now planning a roadmap regarding how it will achieve this goal. Although Pasadena is only one city, there is only one atmosphere in the world. Thus, everyone must do their part to protect it.

The climate emergency is real; this summer, we had the hottest days on record in the past 125,000 years. Last month (September), "[t]he planet's average temperature shattered the previous September record by more than half a degree Celsius (0.9 degrees Fahrenheit), which is the largest monthly margin ever observed."

We need bold action by our elected officials in order to secure a livable future for our generation. As members of the Pasadena community, we make a sincere appeal for change to light our buildings with clean, renewable energy. Thank you.

Best regards,
Polytechnic School MS Sustainability Club:

Aidan Shih, Alaya Baral, Anthony Iek, Benjamin Heuer, Emmett Joanou, Charles Kashkooli, Clara Carmichael, Clara Chandrasoma, Isaac Lee, Narayan Neti, Rachel Kim, Reggie Kim, Ryan Kim, William Pan, Daniel Rivera

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Susan Dembowski <>

Sent: Tuesday, October 10, 2023 11:57 AM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Susan Dembowski; I'm a resident of District 4. I urge you to support a plan for 100% carbon free electricity by 2030.

I love my family, care for my friends, and work for the well being of my community. I've come to the conclusion that I can best support and protect them from the destructive effects of climate change by advocating for our town to rapidly transition away from fossil fuels and towards climate friendly energy sources.

Pasadena's current reliance on almost 40% of electricity from coal—and 10% from natural gas—is archaic and ignores how this dependence adversely affects my family's, friends', and community's health as well as what it continues to the devastations of the climate catastrophe.

It is exciting and I am very grateful that the Council passed a resolution declaring a climate emergency and a policy goal of 100% carbon-free energy by 2030. Thank you.

It is essential that the Municipal Services Committee follows the Council's lead and recommends 100% carbon free electricity by 2030.

Sincerely,

Susan Dembowski

RECEIVED

PASADENA 100

2007 OCT 10 PM 1:24

CITY CLERK

CITY OF PASADENA

Recommendations for Moving Forward With PWP's Planning Process

Observations/Conclusions From our Participation in the IRP Process

What conclusion does it appear that PWP hopes the City Council will reach after receiving the IRP memo? – that the City Council resolution to achieve 100% carbon-free power by 2030 is impractical and too expensive. We do not agree.

Instead of striving to develop a workable plan to align with the Council's mandate for carbon-free power, PWP has spent the city's time and money on an effort to justify NOT doing what the Council has asked them to do. Their analysis reflects an "all-or-nothing" approach that gold plates renewable investment requirements, disrespects the role that private/residential generators can play, ignores the rising cost of natural gas, and is seemingly unaware of what other US cities are doing to become carbon-free.

The scenarios that were examined in the IRP were structured to show the maximum infrastructure cost to achieve carbon-free power, under a set of extreme and unrealistic constraints. As STAG participants, we were not able to persuade PWP to examine scenarios that would more closely align with a workable plan, and more realistic electricity rate impacts.

For example, the IRP examined how heat waves and connectivity disruptions would impact each of the carbon-free scenarios, requiring an over-build of renewable resources. Yet disruptions in the gas supply to the Glenarm plant and prolonged gas prices, which might well last for years rather than a month and would demonstrate the cost and risk associated with continued reliance on fossil fuels, were ignored.

Another example is that PWP insists on treating the cost of installing rooftop solar on private property as if it is paid for by ratepayers, instead of by property owners. This inflates the cost of 2 of the 3 carbon free scenarios. PWP acknowledged this at STAG meetings and promised to clarify this point to the City Council and the public. But the current PWP memo *continues* to include these costs in those scenarios as if ratepayers will bear these costs.

After casting the carbon-free scenarios in an expensive light, PWP seems unwilling to examine how the operation of the Glenarm plant might be eliminated from their future plans.

As such, we are now convinced that PWP does not want to put forth a good-faith effort to respond to the City Council's policy goal. **Where do we go from here?**

Pasadena 100 Recommends 10 Steps to City Council

1. **Direct PWP to present a real plan by March 2024** that examines the most probable impacts on Pasadena's electricity rates. This will require public input and oversight. There are important factors that must be addressed [See Appendix A]. This work has not yet been done; the scenarios that were modeled were exercises not plans.
2. **Mandate the curtailment of Glenarm operations** with a planned closure timeframe ending in Dec. 2030. In the meantime, develop an operating regime that minimizes the use of Glenarm. Begin analysis of the best use of this property. Assure safety and freedom from risk of gas leaks to neighborhoods and Blair High School.
3. **Mandate the immediate acquisition of a minimum of 100MW of battery storage.** All scenarios require substantial storage be in place by 2025. The current 25MW procurement initiative is inadequate. Pilot new storage technologies including Long Duration Storage with federal IRA funding.
4. **Commit to at least double rooftop solar by 2030** on residential, commercial, and municipal structures to add resilience and electricity supply. The scenarios show that we will likely require massive amount in Pasadena. Achieve this through an education, marketing, and incentive campaign. Conduct an audit of city properties amenable to rooftop solar and set a good example. Pilot community solar in a business district and in a low-income district using federal IRA funds and private sector contributions. Businesses can achieve savings from community solar. Investments in these assets by private businesses and residents will mitigate PWP electricity rate increases and reduce load.
5. **Revise time-of-use (TOU) electricity rates to make them effective demand reduction tools as well as a mechanism for people to reduce their bills.** Make it easy for ratepayers to learn about TOU; Right now, TOU info is hard to find on the PWP website. And the TOU rates are not attractive. Our community must be educated about the true costs of power – it's more expensive in the evening. Residents can help to reduce the amount of new infrastructure required to store renewable power and maintain resource adequacy. Changing our behaviour – when we choose to charge EVs, run pool pumps/AC, etc. will mitigate rate increases.
6. **Mandate the cancelation of Magnolia by 2030.** Under no scenario should we continue to maintain a fossil-based contract.
7. **Show true concern for Pasadena's low disadvantaged and unhoused communities** by offering more than a token \$10/month rate discount, by implementing community solar and by integrating workforce development programs with our accelerated transition to clean electric power. Use federal funding dedicated to low-income communities.
8. **Ensure current PWP leadership is aligned with these efforts.** Successful change requires an aligned team – let's make sure we have PWP leaders working for us that are committed to a carbon-free future for our city.
9. **Accountability, metrics for success and transparency** are essential. At least quarterly reporting to the EAC and the City Council should be mandated.
10. **Affirm Resolution 9977 explicitly in the IRP.** Commit to best efforts to achieve success.

**Appendix A: Considerations for a Realistic Plan
to Meet Council Resolution for 100% Carbon-Free Power by 2030**

Factors to be considered in the Plan:

- a) Extract maximum value from built assets and PPA agreements. This includes revenue generation from fulfillment of load and regulation contracts with CAISO. Pasadena battery storage assets will be highly valued.
- b) Consultation with other CA planning jurisdictions that are ahead of Pasadena. What are they learning about renewable/battery pairing? What are other lessons learned? Consultation with NREL and the entities devoted to using new energy technologies.
- c) Consultation with neighboring POU's to explore joint investment opportunities and interest. Explore ways grid interconnection can benefit. Evaluate collaboration in storage and DER and well as the economic value of these assets.
- d) Options for curtailment of Glenarm operations for all situations. Evaluate best land use.
- e) Consideration of consumer rate impacts. The percentage cost impact identified in the IRP would affect only a portion of the overall consumer rate. In the case of DER costs identified in the IRP, a large proportion of these may not affect electricity rates at all. Let's be very clear about rate impacts so we can make good decisions.
- f) Consideration of consumer rate impacts if gas prices remain higher for longer (e.g., 50% higher for a period of several years).
- g) Explore the optimum mix of renewables. The scenario assumptions produced mostly solar, mostly-wind outcomes. What is the optimal mix of resources to ensure price/performance resiliency? Why fuel cells?
- h) Further exploration of Goodrich upgrade options, timelines, benefits/costs. Why not accelerate so that we can import more renewably generated electricity if that is the most effective resource.
- i) How to make DER and Time of Use options for ratepayers easy for Pasadena residents and businesses to use. Employ User Experience discipline and focus groups.
- j) Develop more precise metrics on the acreage available for storage and DER.
- k) Find out the penalties (if any) for Magnolia termination by 2030. Collaborate with neighboring cities that may also wish to terminate.

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Max IMBERT <>

Sent: Tuesday, October 10, 2023 1:14 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Max Imbert, I am a resident of district 5, and I urge you to support a plan for 100% carbon free electricity by 2030.

I bought my home in Pasadena 2 years ago and I'm extremely frustrated with the knowledge that half of my electrical power is coming from fossil fuels (natural gas) at a time when I know we can and should do better. I drive an electric vehicle and use a heat pump to cool and heat my home, doing everything I can to lower my carbon footprint. I'm going to move on to an induction stove and electric water heater as soon as possible. I'd also like to get solar panels, but those happen to be too expensive for me at the moment, leaving me no other option than to ask the city to step up their efforts to move away from all fossil fuels when it comes to generating electricity.

I will attend today's municipal meeting and hope to have your support.

Thanks,

Max Imbert

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Devey, Sean P. <>

Sent: Tuesday, October 10, 2023 1:23 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

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City Council Members,

My name is Sean Devey, I am a resident of district 3, and I urge you to support a plan for 100% carbon free electricity by 2030.

I am a scientist in my mid-20s and planning to start a family soon. We do not have time to delay taking action to transition to carbon-neutrality. This is essential if we are to maintain or improve the standard of living for future generations, and for the coming decades. The effects of climate change are here now and they will only get worse if we don't take aggressive action. I believe that investment in carbon-free technologies will also be a net economic benefit for Pasadena.

Thank you,

Sean Devey

Stevenson, Garrett

Subject: FW: Utility Rates for Business Owners in Pasadena must be competitive

From: Ukropina, Bill <>
Sent: Tuesday, October 10, 2023 2:07 PM
To: Stevenson, Garrett <gstevenson@cityofpasadena.net>
Subject: Utility Rates for Business Owners in Pasadena must be competitive

Dear Municipal Services Committee Member,

Please keep our utility rates for businesses in Pasadena competitive with other cities. We need to keep jobs and businesses in Pasadena and utility costs are important to attract and keep employees in our city.

Thank you for your consideration.

Bill Ukropina, CRE
Coldwell Banker Commercial
Pasadena, CA 91101

Home
Pasadena, CA 91107

Wire Fraud is Real. Before wiring any money, call the intended recipient at a number you know is valid to confirm the instructions. Additionally, please note that the sender does not have authority to bind a party to a real estate contract via written or verbal communication.

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

-----Original Message-----

From: Beth Elder <>

Sent: Tuesday, October 10, 2023 2:27 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Elizabeth Elder, I am a resident of district 4, and I urge you to support a plan for 100% carbon free electricity by 2030.

Pasadena citizens deserve a clean energy plan.

Thank you

Elizabeth Elder

Sent from my iPad

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Nick Laushkin <>

Sent: Tuesday, October 10, 2023 2:44 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; [+gstevenson@cityofpasadena.net](mailto:gstevenson@cityofpasadena.net)

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Nick Laushkin, I am a member of the Knox Presbyterian Church Sustainability team and I urge you to support a plan for 100% carbon free electricity by 2030.

It is a moment of decision that rarely is available for us to act. I urge you to be good stewards of the City and its residents with a concern for the future generations that will inherit what we can do today..

Nick Laushkin

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Alexandra Dionyssia Huttinger <>

Sent: Tuesday, October 10, 2023 2:45 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

Dear City Council Members,

My name is Alexandra Huttinger Ntazinda, I am a resident of district 6, and I urge you to support a plan for 100% carbon free electricity by 2030.

I know that there are uncertainties in moving fast to make transition to renewables. I understand that there will be rate payer impacts and I am willing to change my energy use behavior and accept cost implications.

I have 2 small kids. I want to be able to tell them proudly that we used to make electricity with fossil fuels but then the leaders and families in this city decided - *as soon as possible* - to stop that to help protect people and nature. Imagine the pride and sense of belonging and stewardship my kids and I will feel.

Sincerely,

Alexandra Huttinger Ntazinda

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Nancy Busacca <>

Sent: Tuesday, October 10, 2023 2:51 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

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City Council Members,

My name is Nancy Busacca, I am a resident of district 1, and I urge you to support a plan for 100% carbon free electricity by 2030.

I find it truly appalling that City Staff have spent 1,000,000 dollars to avoid dealing with the need to face the Climate Emergency like adults. The City of Sacramento's utility, SMUD, is working with a carbon free goal of 2030 and hasn't felt the need to inflate future electricity costs just so they could avoid doing their homework!

Given the qualifications of members of Pasadena 100 to develop the *real* research, PWP clearly should have hired *them* to do the consulting on making OUR utility carbon free by 2030!

And, BTW, it seems to me that 15 years ago the goal was to be carbon free by 2030 but then PWP quietly slid back to a goal of 2045. Please prove me wrong.

Nancy Busacca
Pasadena resident since 1971

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Sam Berndt <>

Sent: Tuesday, October 10, 2023 3:17 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

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City Council Members of the Municipal Services Committee,

My name is Sam Berndt, I am a resident of district 5.

The United Nations Intergovernmental Panel on Climate Change says that climate change is a threat to human well-being, and that the actions implemented in this decade will determine if we will have a livable future for all.

As members of the STAG, we highlighted issues in PWP's integrated resource plan during its development, most importantly the design of unrealistic scenarios to achieve our carbon-free goal. PWP promised these as "building blocks" of a complete plan to come, but failed to deliver on that promise, leaving the city with fragments of a plan, problems without solutions, faulty and inflated cost assumptions, and an ask of you to approve of a 292 page document that you had only a couple hours to see.

We urge the MSC to require an IRP implementation plan, following the EAC's memo, to hold PWP accountable to create a practical timeline with milestones to achieve the 2030 goal.

The City of Pasadena has unified around the effort to decarbonize our electricity. With unanimous support from PUSD, PCC, the EAC, and the City Council - the City of Pasadena has positioned itself as leaders, a model city in the fight against climate change. We, as a city united, implore you to include a clear commitment in the Recommended Planning Strategy of the IRP to achieve 100% carbon-free electricity by 2030.

In solidarity,
Sam Berndt

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Tom Brady <>

Sent: Tuesday, October 10, 2023 3:26 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Tom Brady, I am a resident of district 6, and I urge you to support a plan for 100% carbon free electricity by 2030. Any discussion of energy costs must address the enormous social costs of fossil fuels in terms of rising heat, wildfires, flooding, etc. We do not have time to delay in facing this crisis.

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Rick Kitagawa <>

Sent: Tuesday, October 10, 2023 3:26 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Rick Kitagawa, I am a local business owner and resident of district 2, and I urge you to support a plan for 100% carbon free electricity by 2030. It's imperative that we make a solid commitment to a carbon-free future for the sake of all Pasadena residents. Thank you.

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

-----Original Message-----

From: Eric Schnitger <>

Sent: Tuesday, October 10, 2023 3:27 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

I am a resident of district 1 and I urge you to support a plan for 100% carbon free electricity by 2030.

This is some of the most important work we can do in our lifetimes to protect the future for the next generations. Please do not let the short term costs distract from the long term needs. We need a carbon free future yesterday. The next best thing is a carbon free future now.

With gratitude for your work on behalf of our wonderful city.

- Eric Schnitger

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Emma Simon < >

Sent: Tuesday, October 10, 2023 3:27 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Emma Simon-Aredes, I am a resident of district 7, and I urge you to support a plan for 100% carbon free electricity by 2030.

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Dale Zapata < >

Sent: Tuesday, October 10, 2023 3:48 PM

To: Stevenson, Garrett <gstevenson@cityofpasadena.net>; Sabha, Tamer <tsabha@cityofpasadena.net>

Cc: Lyon, Jason <jlyon@cityofpasadena.net>; Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Dale Zapata, I am a resident of district 7, and I urge you to support a plan for 100% carbon free electricity by 2030.

Thank you.

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

-----Original Message-----

From: Molly S. <>

Sent: Tuesday, October 10, 2023 3:36 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Molly Sharp, I am a resident of district 1, and I urge you to support a plan for 100% carbon free electricity by 2030.

Thank you,


Molly

Sent from my iPhone

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

From: Topher Mathers <>
Sent: Tuesday, October 10, 2023 4:04 PM
To: Sabha, Tamer <tsabha@cityofpasadena.net>
Cc: Lyon, Jason <jlyon@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Williams, Felicia <fwilliams@cityofpasadena.net>
Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

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Dear City Council Members,

My name is Topher Mathers, I am a resident of district 5, and I urge you to support a plan for 100% carbon free electricity by 2030

Many of these events we are currently experiencing are the consequences of our society's century - long addiction to fossil fuels and delay addressing it and it makes me fear for the future of the generations to come

Past City leaders with all their flaws created the city that generations of Pasadena still enjoy today, and as elected officials you have that same opportunity.

By advancing policies that would ensure the future of our city for our children to live in it.

One of those policies in my mind is Pasadena going 100% carbon free by 2030

I know we are still in process, but I want to thank you for passing the carbon-free electricity by 2030 resolution, and highlight that its vital that we actually choose a plan that will meet that goal of 100% carbon free through the IRP process

Thank you for your time,
Topher Mathers

Stevenson, Garrett

Subject: FW: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

-----Original Message-----

From: Marna Cornell <>

Sent: Tuesday, October 10, 2023 4:33 PM

To: Sabha, Tamer <tsabha@cityofpasadena.net>; Stevenson, Garrett <gstevenson@cityofpasadena.net>

Cc: Williams, Felicia <fwilliams@cityofpasadena.net>; Jones, Justin <justinjones@cityofpasadena.net>; Hampton, Tyron <THampton@cityofpasadena.net>; Lyon, Jason <jlyon@cityofpasadena.net>

Subject: MSC 10/10 Public Comment - Agenda Item 2 - Support for 100% Carbon Free Electricity by 2030

City Council Members,

My name is Marna Cornell. I am a resident of District 2....and I urge you to support a plan for 100% carbon free electricity by 2030.

And please do it asap. Thank you.

Marna and Robert Cornell