

Flores, Valerie

Subject: FW: Ford Hybrid Interceptor Utility 2021 for Consideration at 9/20 Council Meeting Item 5
Attachments: Ford Hybrid Interloper Utility.jpeg

From:
Sent: Sunday, September 19, 2021 3:00 PM
To: PublicComment-AutoResponse <publiccomment@cityofpasadena.net>
Subject: Ford Hybrid Interceptor Utility 2021 for Consideration at 9/20 Council Meeting Item 5

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Dear Mayor Gordo and Councilmembers,

For your review and deliberation, here is an example of the latest hybrid police vehicle by Ford:

Here's a link to the sales information and specs: <https://www.ford.com/police-vehicles/hybrid-utility/>

Horsepower: 3.3L Direct injection V6

Mileage: 23 city, 24 highway, 19 combined

At the MSC meeting on Tuesday, Mr. Markarian did not give us any details about leasing, either for the Ford Edge vehicles recommended for purchase or for any new hybrid models.

Please compare the Ford Edge mileage with the Interceptor Utility vehicle mentioned here.

The cost of this vehicle is \$42,000 not including fuel and repair savings.

Since the fleet replacement program will extend over three years, would the council consider leasing at least one of these vehicles to assess its usefulness, quality, ease of repair, etc. for replacements for our current fleet?

Please consider this option.

Sincerely,

Mary (Molly) Kennington

Flores, Valerie

From:
Sent: Sunday, September 19, 2021 7:33 PM
To: PublicComment-AutoResponse
Subject: September 20 - Consent Calendar Item 5: Purchase of gas-powered vehicles

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Re: CONSENT CALENDAR, ITEM 5. MUNICIPAL SERVICES COMMITTEE: AUTHORIZE PURCHASE ORDER OF 72 HOUR LLC (DBA: CHEVROLET OF WATSONVILLE/NATIONAL AUTO FLEET GROUP) FOR PURCHASE OF EIGHT SPORT UTILITY VEHICLES, SEVEN ¾ TON TRUCKS AND TWO ½ TON TRUCKS FOR A TOTAL OF \$739,763.

In August 2004, the Economic Development and Technology Committee recommended City Council support for California's Program to Reduce Global Warming Pollution from Passenger Cars and Light Trucks. Yet 17 years later in July 2021, City Council avoided taking a stand on vehicle pollution from its own fleet by referring the staff recommendation to replace city vehicles solely with gas-powered vehicles to the Municipal Services Committee (MSC). MSC then rubber-stamped the Staff Report recommendation. Now, the issue is buried in the Consent Calendar for the September 20, 2021 meeting of City Council.

The National Forest bordering Pasadena is currently closed because of extreme fire danger. Summer 2021 set records for persistent high temperatures and is the hottest summer on record. The current water emergency declared by City of Pasadena is due to loss of snow pack caused by climate change as well as the current extended drought. In mid-August, the federal government declared an unprecedented water shortage for the Colorado River and Lake Mead directly affecting the water supply for Southern California. Statewide forest fires exacerbated by excessive heat further contribute to climate change as well as property loss and smoke that blankets the area, even traveling to distant states. Meanwhile, City of Pasadena Staff and City Council seem unable to live up to the City's professed commitment to environmental quality and the urgent need to reduce carbon emissions, especially from vehicles.

This week, the United Nations is discussing the urgent need to take stronger actions to slow climate change. There is no magic solution; improvement will come from many smaller changes such as City of Pasadena's vehicle acquisition policy. Please demonstrate your renewed commitment to addressing climate change and protecting Pasadena's environment. **VOTE NO – Consent Calendar Item 5, Purchase of Gas Powered Vehicles. Instruct City Staff to seek vehicle replacements which support Pasadena's commitment to reducing global warming pollution from passenger cars and light trucks .**

Genette Foster
Pasadena 91106

Flores, Valerie

From: Benjamin G
Sent: Sunday, September 19, 2021 9:08 PM
To: PublicComment-AutoResponse
Subject: 20 September 2021 Meeting Item 5

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(Please send this message to the mayor and all councilmembers.)

Dear Mayor and Councilmembers,

Though the staff report says that the eight sport utility vehicles, seven 3/4-ton trucks and two 1/2-ton trucks will 'increase conservation and sustainability', they will actually increase the city's carbon footprint and worsen local air quality. I want to request for you to—instead of approving the purchase of the 8 Edge SUVs—keep the current vehicles or lease the vehicles until there are suitable electric SUVs available.

Ford recently created some electric Mach-E interceptors which the police in the state of

Michigan are going to test. The Ford Mach-E can generate up to 459hp and travel up to 305mi on a charge. GMC is developing an electric Hummer: another potential SUV option. It will have about 1000hp and the ability to go from 0-60mph in 3 seconds. In contrast, the current Pasadena police vehicles have about 250hp and go from 0-60mph in about 8 seconds. The DOE fueleconomy website lists other electric SUV vehicles which will be available in the near future.

There are companies which can convert heavy and light pickups including the Ford F450 and GMC 5500 into EVs. The state's HVIP website with different EVs lists some of these companies and the models which are available for conversion. The state's HVIP also helps fund the purchase of converted vehicles.

If you require a vehicle that is unmodified, there are going to be various electric options available soon. These include powerful Tesla

pickups with about 800hp and also Ford F150s.

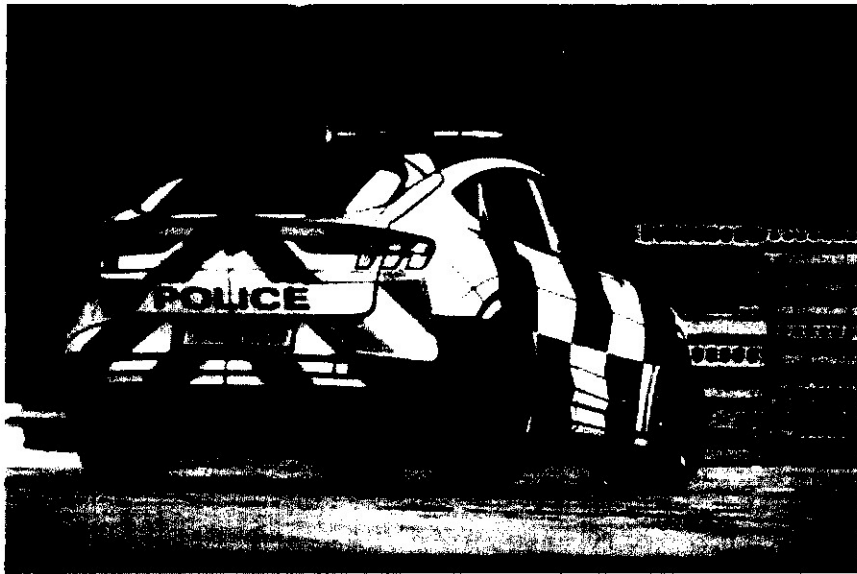
In July Councilmember Kennedy requested a comparative matrix of all of the vehicles considered by the staff. This is a great idea. Staff should identify current and future electric SUVs and pickups, list them in a comparative matrix and submit it to the city council for review.

The staff report recommends replacing 'the vehicles until a reliable zero emission vehicle with comparable performance is available'. If necessary, fossil fuel vehicles should be leased, not purchased, until the appropriate electric vehicles are available...in some cases, the wait is only a few months.

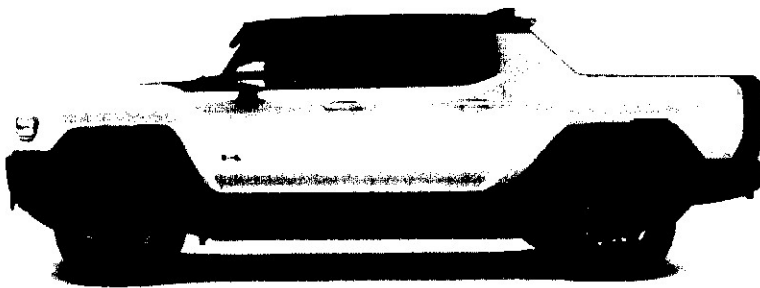
Like I wrote in the past, by switching to electric vehicles, the city of Pasadena will be a leader and example for surrounding cities. It is important to remember that the purchase

choices of surrounding cities will affect Pasadena residents too.

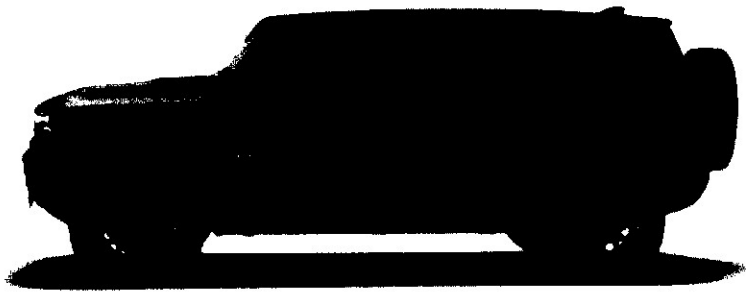
Electric Ford Mach-E Interceptor



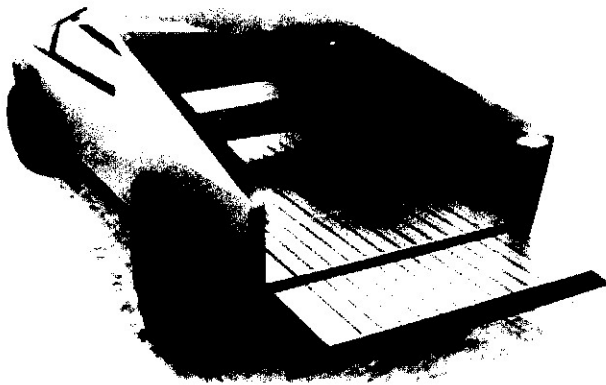
~1000hp EV Pickup (GMC Hummer EV)



~1000hp EV SUV (GMC Hummer EV)



Tesla Pickup



Ford F150



HELPFUL INFORMATION:

There are many funding opportunities to help pay for electric vehicles. One of the best in the state is the aforementioned HVIP Project which offers vouchers for a variety of electric vehicles including trucks, pickups, buses and vans. Its user-friendly website (californiahvip.org) includes a list of all of the vehicles which are eligible for funding, details about vehicles and dealer locations. Another state funding source is the VW Environmental Mitigation Trust which allows cities to get up to \$400,000 for each electric bus purchased to replace a fossil fuel bus. This trust can also help pay for other city electric trucks. The bus funding website is vwbusmoney.valleyair.org and the truck funding website is xappprod.aqmd.gov/vw. There are many more state and federal funding opportunities; here are some:

CLEAN CITIES:

cleancities.energy.gov/funding-opportunities

CLIMATE INVESTMENTS:

caclimateinvestments.ca.gov/funding-for-local-governments

FUNDING FINDER:

fundingfindertool.org/?technology=bev

AFDC:

afdc.energy.gov/fuels/laws/ELEC?state=US

EV LISTS:

state.nj.us/dep/cleanvehicles/cvl.htm

fueleconomy.gov/feg/PowerSearch.do?action=PowerSearch&year1=2020&year2=2022&minmsrpsel=0&maxmsrpsel=0&city=0&highway=0&combined=0&cbvtelectric=Electric&YearSel=2020-

[2022&MakeSel=&MarClassSel=&FuelTypeSel=&VehTypeSel=Electric&TranySel=&DriveTypeSel=&CylindersSel=&MpgSel=000&sortBy=Comb&Units=&url=SearchServlet&opt=new&minmsrp=0&maxmsrp=0&minmpg=0&maxmpg=](https://fueleconomy.gov/feg/PowerSearch.do?action=PowerSearch&year1=2020&year2=2022&minmsrpsel=0&maxmsrpsel=0&city=0&highway=0&combined=0&cbvtelectric=Electric&YearSel=2020-2022&MakeSel=&MarClassSel=&FuelTypeSel=&VehTypeSel=Electric&TranySel=&DriveTypeSel=&CylindersSel=&MpgSel=000&sortBy=Comb&Units=&url=SearchServlet&opt=new&minmsrp=0&maxmsrp=0&minmpg=0&maxmpg=)

0&sCharge=&tCharge=&startstop=&cylDeact= &rowLimit=50

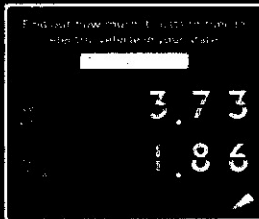
Why Electric Vehicles?

Pasadena wants to reduce its greenhouse gas emissions by more than half by 2035.

The climate action plan shows that vehicles are the city's main source of greenhouse gas emissions.

The average passenger vehicle releases about 4600kg or 10100lb of CO₂ each year...more than the mass of an elephant.

In this state, it costs about 50% less to fuel a vehicle with electricity than with gasoline.



State and federal funding can help the city pay for electric vehicles.

Compressed Natural Gas (CNG) is not a clean fuel. Even though it is marketed for its lower emissions, it is a non-renewable fuel which releases CO₂.



Vehicle maintenance costs are about 6.1¢/mile for electric vehicles and 10.1¢/mile for fossil fuel vehicles.

Pasadena can act like an example for its residents, visitors and nearby cities by purchasing electric vehicles.



Electric Vehicle Options



There are many light-duty electric vehicles available. The Department of Energy website has a list of 325 from 2018-2022.



All-electric conversions of gasoline pickups are sold. Also, there will be completely new electric ones available by 2022.



There are different large and small electric-powered options for trash trucks and sweepers which meet the city's needs.



Passenger and freight vans powered by electricity exist in different sizes and are sold by many local dealers.



Inexpensive miniature electric vehicles called community electric vehicles can be used in Pasadena for tasks like cleaning.



There are over 30 electric buses available including compact, high-capacity, double-level and disabled people ones.

Sincerely,

Benjamin Garza

Flores, Valerie

From: Rody Stephenson
Sent: Monday, September 20, 2021 8:08 AM
To: PublicComment-AutoResponse
Subject: Comments on agenda item 5.

Importance: High

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It is crazy to buy SUVs that run on gasoline. There are plenty of EV options.

Set a good example and follow your own CAP.

Rhoads

R. Rhoads (Rody) Stephenson

La Canada, CA 91011

Flores, Valerie

From: Martha Ruffman
Sent: Monday, September 20, 2021 11:44 AM
To: PublicComment-AutoResponse
Subject: Agenda Item 5: Pasadena City Fleet

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Good evening. I urge Council members to replace PPD internal combustion engine cruisers and SUVs with electric vehicles. We should have done this earlier, but it's never too late to take important steps to mitigate climate warming.

Sincerely,

Martha Ruffman
District 2

Flores, Valerie

From: Topher Mathers
Sent: Monday, September 20, 2021 12:58 PM
To: PublicComment-AutoResponse
Cc: Gordo, Victor; Rivas, Jessica
Subject: City Council meeting 9/20 Agenda item 5

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Why is the city looking to enter into an agreement to spend nearly a million dollars on gas guzzling SUVs while the state of California is literally burning because of climate change?

As a local resident who has family members with respiratory diseases and who cares deeply about the quality of the air we breathe and the future of our climate, I urge the Council to put the brakes on plans to spend almost a million dollars on polluting gas vehicles that will be on the road for more than a decade.

As you know our window to act on the climate crisis is closing rapidly. The transportation sector is the main source of local air pollution in the City of Pasadena, which lies within one of the most pollution-burdened air basins in the United States.

The City can take another step to implementing its own Climate Action Plan and accelerate the adoption of cleaner vehicles by leading by example. If the City can wait a few more months, Pasadena could be one of the first cities in the region to purchase zero emission alternatives.

Thank you,
Topher Mathers (District 5)

Flores, Valerie

From: Colin Bogart
Sent: Monday, September 20, 2021 1:41 PM
To: PublicComment-AutoResponse; Gordo, Victor
Cc: Hampton, Tyron; Bell, Cushon
Subject: City Council Sept. 20 meeting, Agenda item 5

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Dear Mayor Gordo and Council,

I sent in my comment about this purchase before and I still feel the same. As a local resident who cares deeply about the quality of the air we breathe and the future of our climate, I urge the Council to put the brakes on plans to spend almost a million dollars on polluting gas vehicles that will be on the road for more than a decade.

As you know our window to act on the climate crisis is closing rapidly. The transportation sector is the main source of local air pollution in the City of Pasadena, which lies within one of the most pollution-burdened air basins in the United States.

The City can take another step to implementing its own Climate Action Plan and accelerate the adoption of cleaner vehicles by leading by example. We should be aiming for Zero emission vehicles at all times, not just vehicles that are "less polluting" than the vehicles being replaced.

Thank you,

Colin Bogart
District 1 resident

Flores, Valerie

From: Blair Miller
Sent: Monday, September 20, 2021 2:34 PM
To: PublicComment-AutoResponse
Cc: Gordo, Victor
Subject: Pasadena City Council Agenda Item #5 09/20/21

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Dear Mayor and Councilmembers:

I am writing to encourage you to reject the staff recommendation for the purchase of fossil fuel fleet vehicles, especially for SUVs and trucks for which an EV vehicle is currently available or will be available in the near future.

As a local resident who cares deeply about the quality of the air we breathe and the future of our climate, I urge the Council put the brakes on plans to purchase polluting gas vehicles that will be on the road for more than a decade. As you know, our window to act on the climate crisis is closing rapidly. The transportation sector is the main source of local air pollution in the City of Pasadena, which lies within one of the most pollution-burdened air basins in the United States. The City can take another step to implementing its own Climate Action Plan and accelerate the adoption of cleaner vehicles by leading by example. If the City can wait a few more months, Pasadena could be one of the first cities in the region to purchase zero emission alternatives.

Thank you,

Blair Miller

Flores, Valerie

From: Pat Reddy
Sent: Monday, September 20, 2021 2:51 PM
To: PublicComment-AutoResponse
Subject: AR 5 on the Council's September 20 Agenda

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Dear Mayor and Council Members,

It may not be the popular view, but I support the purchase of gasoline/diesel vehicles to replace those that require heavy duty use. I say this for several pragmatic reasons. Here are two.

1. Today, and at least through 2030, PWP gets ~50% of its electricity from fossil fuel sources and only ~30% from renewables. PWP's goal of a 50% contribution from renewables by 2030 is ambitious. In any event, that is nine years away and these vehicles will be ready to be retired.
- Coal fired power plants generate ~40% of the City's electricity today. Natural gas provides another ~10%. So we shouldn't get too excited about greenhouse gas reductions from these 17 new vehicles should you decide to purchase Hybrids or EV options. Considerations of fit for purpose, refueling versus charging station availability, etc. are worth at least equal weight.

2020 POWER CONTENT LABEL						
City of Pasadena						
www.PWPweb.com/PCL						
Greenhouse Gas Emissions Intensity (lbs CO ₂ e/MWh)			Energy Resources	PWP Power Mix	PWP Green Power Mix	2020 CA Power Mix
PWP Power Mix	PWP Green Power Mix	2020 CA Utility Average	Eligible Renewable¹	29.6%	100.0%	33.1%
971	0	466	Biomass & Biowaste	7.8%	0.0%	2.5%
			Geothermal	0.0%	0.0%	4.9%
1000	PWP Power Mix		Eligible Hydroelectric	0.0%	0.0%	1.4%
800			Solar	7.9%	100.0%	13.2%
600			Wind	13.9%	0.0%	11.1%
400	PWP Green Power Mix		Coal	39.6%	0.0%	2.7%
200			Large Hydroelectric	4.9%	0.0%	12.2%
0	2020 CA Utility Average		Natural Gas	9.8%	0.0%	37.1%
			Nuclear	8.8%	0.0%	9.3%
			Other	0.0%	0.0%	0.2%
			Unspecified Power²	7.3%	0.0%	5.4%
			TOTAL	100.0%	100.0%	100.0%

2. Early adoption of new technologies often comes with challenges.
- GM is recalling its Bolt EVs due to risk of battery fires.

09/20/2021
 Item 5


- Transit agencies have had reliability problems with electric busses. According to a September 13 PSN article, in 2019 and 2020, up to 67% of Foothill Transit's electric busses were out of service.

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GM's Chevy Bolt Recall Casts Shadow Over EV Push

The \$1.8 billion recall, among GM's costliest ever, underscores the difficulty, expense of fixing defective electric-vehicle batteries



UPCOMING EVENTS



3:00 PM - 3:30 PM EDT

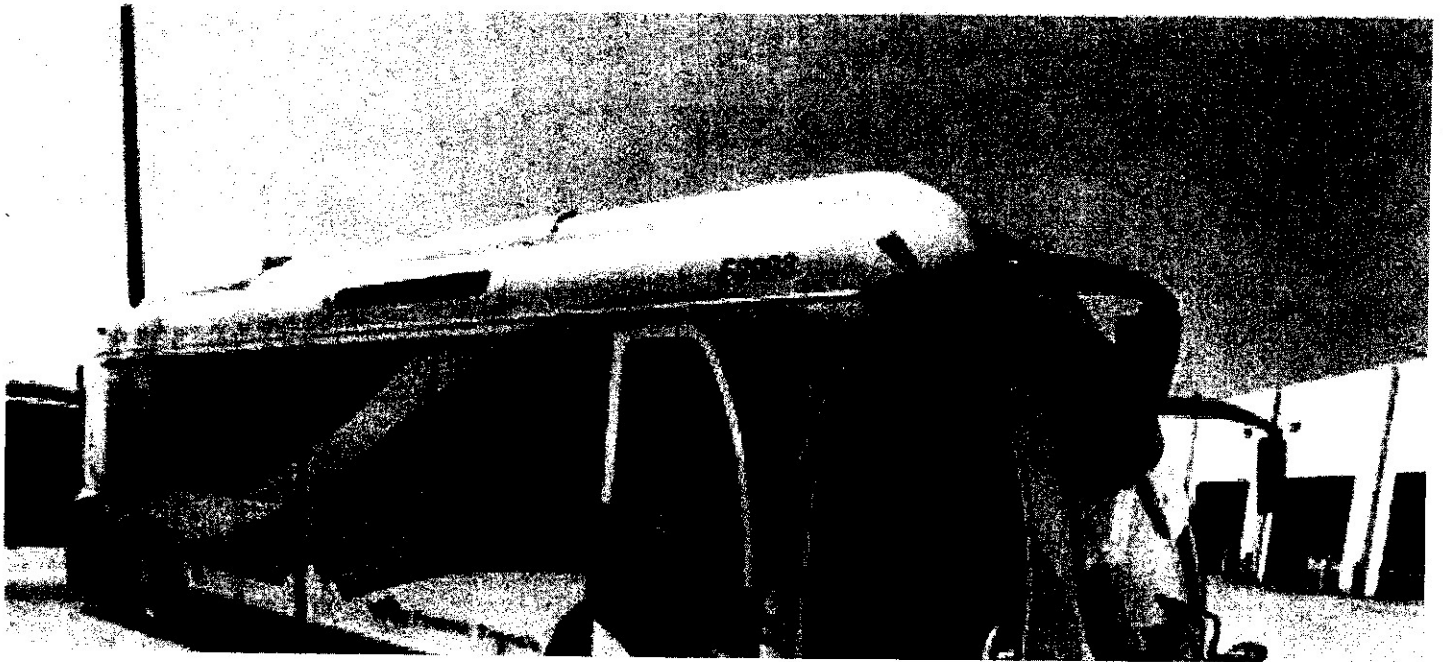
Ask WSJ: The Top U.S. Colleges

21

2:11

Mechanical problems with early electric transit agencies

Agencies are experiencing battery charging issues, idled



Sincerely,
Pat Reddy

@

Flores, Valerie

From: Wesley Reutimann
Sent: Monday, September 20, 2021 3:04 PM
To: PublicComment-AutoResponse
Cc: Gordo, Victor
Subject: Public Comment - Agenda Item 5 - Vehicle Procurement

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Dear Mayor and Council,

As a local resident who cares deeply about the quality of the air we breathe and the future of our climate, I urge the Council put the brakes on plans to spend almost a million dollars on polluting gas vehicles that will be on the road for more than a decade.

As you know our window to act on the climate crisis is closing rapidly. The transportation sector is the main source of local air pollution in the City of Pasadena, which lies within one of the most pollution-burdened air basins in the United States.

The City can take another step to implementing its own Climate Action Plan and accelerate the adoption of cleaner vehicles by leading by example. If the City can wait a few more months, Pasadena could be one of the first cities in the region to purchase zero emission alternatives.

Thank you,

Wes Reutimann
Pasadena 91103

09/20/2021
Item 5