

Survey Results: Climate Action

Survey Info - This survey was sent on behalf of the City of Portsmouth to the FlashVote community for Portsmouth, NH.

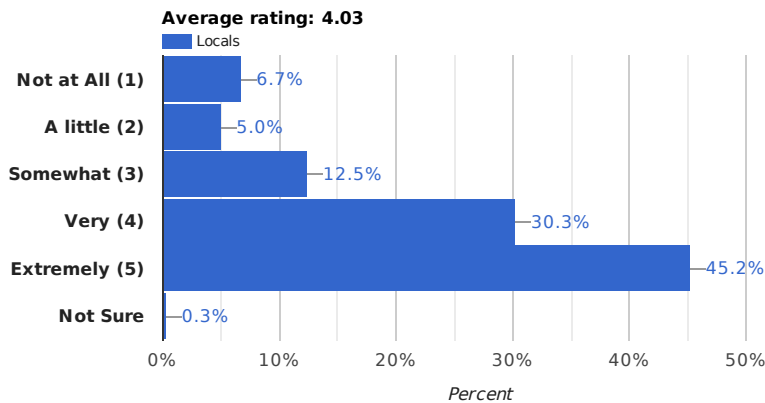
These FlashVote results are shared with local officials

<h2>407</h2> <p>Total Participants</p> <p>358 of 703 initially invited (51%) 49 others Margin of error: ± 5%</p>	<p>Applied Filter: Locals only</p> <p>Participants for filter: 343</p>	<p>Response Time (hours)</p>	<p>Started: Oct 25, 2023 11:06am EDT</p> <p>Ended: Oct 27, 2023 11:05am EDT</p> <p>Target Participants: All Portsmouth</p>
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Q1 How concerned are you about reducing greenhouse gas emissions (CO2 and others) to limit the future effects of global warming?

(343 responses by)

Options	Locals (343)
Not at All (1)	6.7% (23)
A little (2)	5.0% (17)
Somewhat (3)	12.5% (43)
Very (4)	30.3% (104)
Extremely (5)	45.2% (155)
Not Sure	0.3% (1)

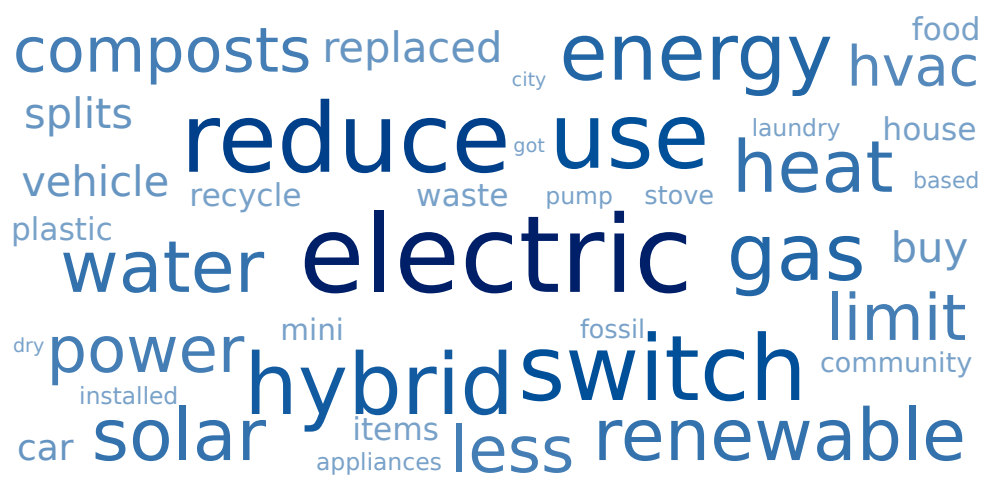
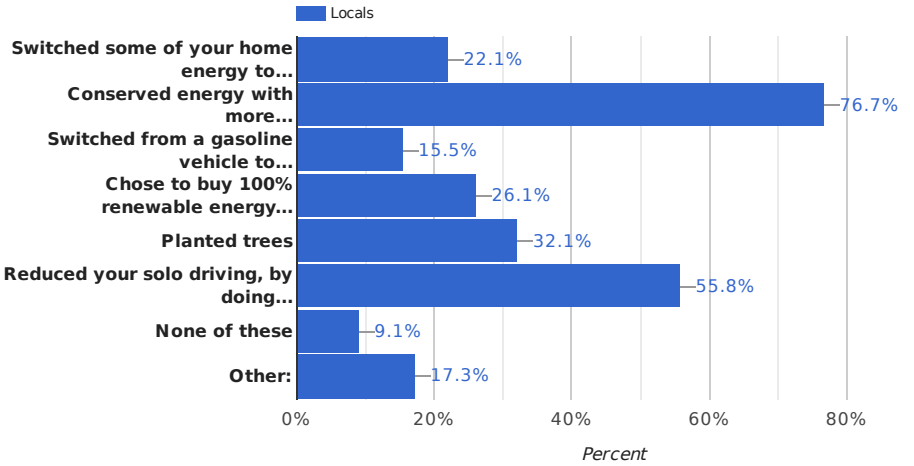


Q2 Which of the following have you already done, if any? (Choose all that apply)

(330 responses by)

Options	Locals (330)
Switched some of your home energy to on-site renewable energy (e.g. solar panels, geothermal, heat pumps, solar thermal heating)	22.1% (73)
Conserved energy with more insulation, weather-stripping/winterizing, LED lighting, etc.	76.7% (253)
Switched from a gasoline vehicle to an electric vehicle	15.5% (51)

Options	Locals (330)
Chose to buy 100% renewable energy through Portsmouth Community Power or another provider	26.1% (86)
Planted trees	32.1% (106)
Reduced your solo driving, by doing more working from home, biking, walking, or taking public transportation	55.8% (184)
None of these	9.1% (30)
Other:	17.3% (57)



- Hang laundry to dry
- Switched from gasoline vehicle to hybrid. Need more rapid charging stations for electric to work!
- reduce consumption of non-renewable products/packaging
- switched from gas stove to electric
- Switched to hybrid vehicle
- Global warming is a hoax. We are going into a global cooling time period!
- Hanging laundry instead of drying
- Hybrid vehicle

Electric Lawn Mower

Reduced use of energy intensively produced goods and services.

composting

Our household composts and strives not to waste food

Started composting ... please have the city set up more receptacles at schools/library/post office

Calling city out for waste water pollution, not fixing pumping station timely & sewage cso's

I

We cannot switch to EV because there is no place to charge.

we both drive hybrid cars

Downsize housing

Replaced fossil gas appliances with electric.

Did the 50% renewable energy option through Portsmouth Community Power.

Reducing single use items (grocery bags, water bottles, etc.), reducing waste

Eat less meat

Advocate for more nuclear power and infill housing.

Replaced older appliances and air conditioner with more efficient models

evolution is always going on but we can help it by how we do not pollute the atmosphere by neglect.

Tough with a very old house and limited budget (retired).

Solar hot water

I play a leadership role in a major (586 me) renewable energy wholesale electric generator

Composting (at recycling center), installing heat pumps

fortified our seawall for rising sea levels

Switched to a hybrid.

limited by living in a condominium environment

Turn down heat/AC, Reduce hot water use via small heater under the sink. Use only necessary light

We rent so adding renewable isn't possible - or we'd have done it.

Hybrid vehicle

We would switch to community power, but are prevented because we have solar panels.

Our household does not own a car, and never has.

make better food choices, limit fragrances, join a community group, attend events and encourage

I sent, so I can't do most of these. Bummer.

Bought an electric stove and got rid of our gas stove. Am considering a hybrid or all electric veh.

Walk ride bike

Replaced our gas range when it was no longer working with an electric induction range.

Installed HVAC mini-splits.

Part of a committee at my company (100k+ FTEs) focused on climate action

Minimize single use plastic, buying preloved clothes, using dishwasher to preserve water consumption

Switched to meat based diet, supporting regenerative agriculture

Reduced the amount of our consumption of non food consumer goods.

Recycling

recycling

Energy conservation at home; greatly reduced purchasing items in plastic containers.

Reducing plastic consumption by bringing reusable grocery bags and refilling our laundry soap.

Purchasing items with less packaging, reusing more, throwing out less/recycling.

Limited AC use, closed off attic to keep heat downstairs, got energy efficient windows

Installed a pellet boiler

Buy less stuff. Have no children

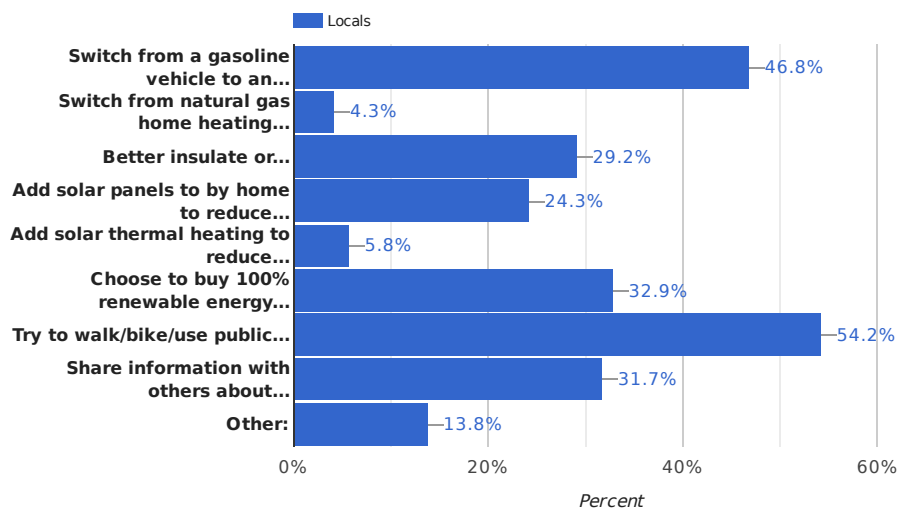
Keep heat at 57 all winter. Live in townhouse, have no control over insulation, solar, heat pump, e

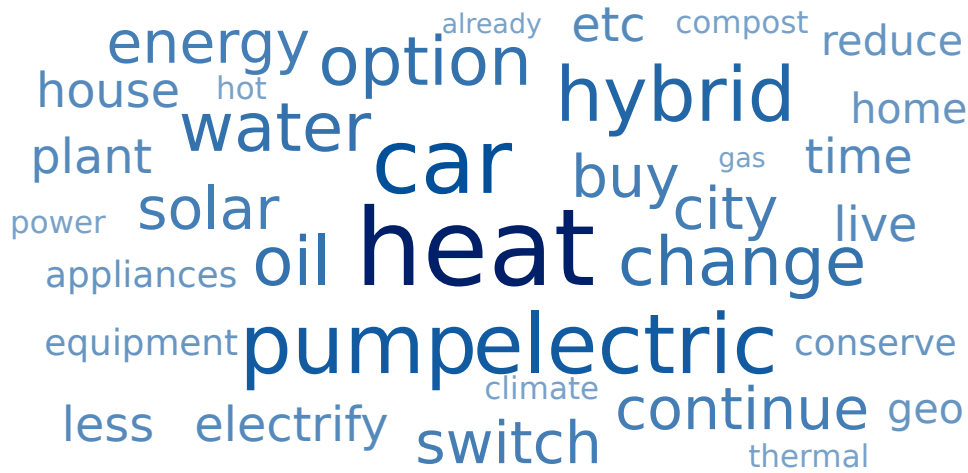
switched from gas powered lawn maintenance equipment to electric versions.

Q3 Which of the following are you likely to do in the next 5 years, if any? (Choose all that apply, if any)

(325 responses by)

Options	Locals (325)
Switch from a gasoline vehicle to an electric vehicle	46.8% (152)
Switch from natural gas home heating to geothermal heating	4.3% (14)
Better insulate or weatherstrip/winterize my home	29.2% (95)
Add solar panels to by home to reduce grid electricity use	24.3% (79)
Add solar thermal heating to reduce my heating needs from gas/oil	5.8% (19)
Choose to buy 100% renewable energy through Portsmouth Community Power or another provider	32.9% (107)
Try to walk/bike/use public transportation/ride share more often	54.2% (176)
Share information with others about ways to reduce greenhouse gas emissions	31.7% (103)
Other:	13.8% (45)





More of the above if I have the means

Alot of these options aren't permissible when you live in a HOA

Switch from oil heat to heat pump

None of the above! They won't be necessary when we switch over to free Tesla energy !

NA

Replace gas heat & hot water with electric heat pumps powered by solar electricity

None

None of the above

Shop mostly second-hand when it's an option

dump 1 car

Fly less

I have become vegetarian, I compost, I am careful with my energy usage.

Calling city out for waste water pollution, not fixing pumping station timely & sewage cso's

Teach about Drawdown Solutions

Continue to electrify equipment and appliances in my house

I have no say in the energy source because I rent. That decision is on the landlord

Switch from natural gas heating to heat-pump (not geo-thermal) heating

Conserve conserve conserve

Hybrid car

Most of the others we have already done

floodproof our structures (raise or waterproof bottom 3 feet) - or move; depending on cost.

Counter the hysterical climate change narrative with scientific fact.

continue to organize events about climate change and encourage ppl to come and educate them

Live in a condo. Would vote for solar/geo thermal options.

Buy a hybrid car.

Explore home heating options instead of oil.

Coordinate errands for less car time. Early appointments for quick parking access to reduce drivin

As a renter it's hard to answer some of these

NOTHING

Covert portion of lawn to native plants with deeper roots to minimize flooding and heat islands etc

Installing a electric heat pump

Change from oil to electric for heating/cooling

Not buy an electric vehicle because they are horrible for the environment and a fire hazard

None

reduce carbon contribution, reduce heating, grow own food, reduce driving etc

Would compost if the City /another provider had location for drop off; cannot compost at home

change from a furnace that burns oil.

Stop using plastic bags , reuse any products as much as possible , let city to have better recycl

Hoping to convert garage into a net zero ADU/grannie suite

Plant more trees

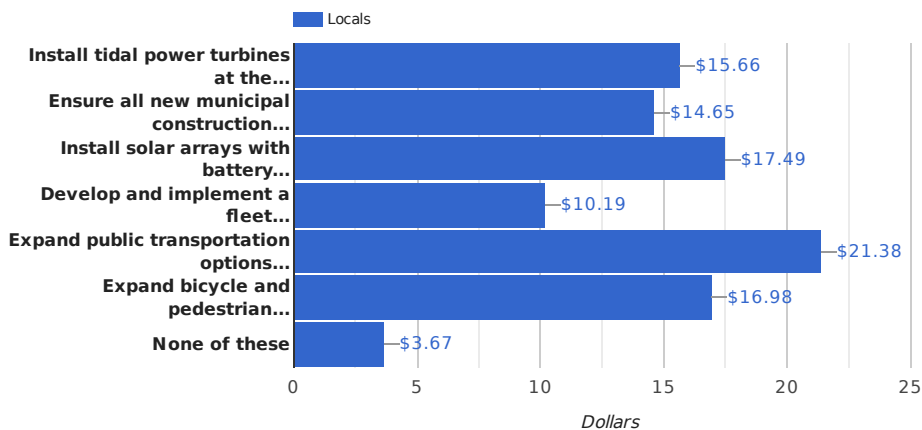
washing machine is already set to only cold water

Hybrid car, electric infrastructure in ports is poor

Q4 If the City could spend additional money to lower local carbon emissions, how would you allocate \$100 across these specific options?

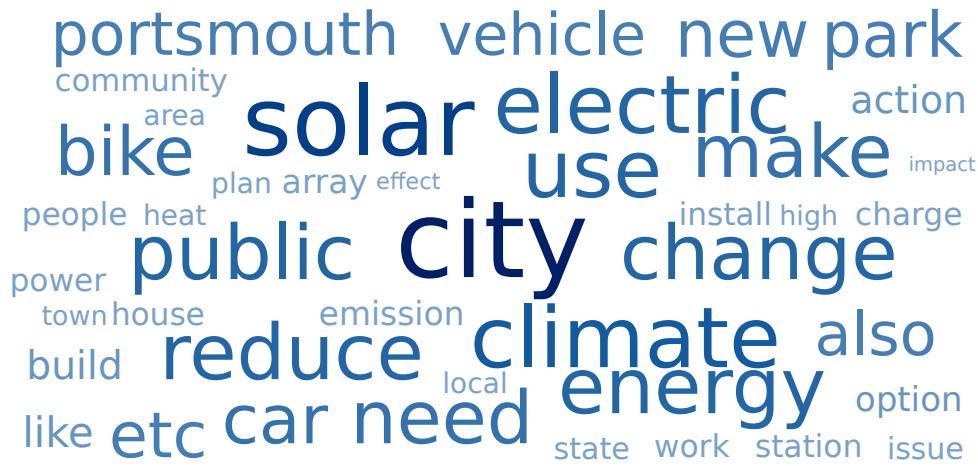
(281 responses by)

Options	Locals (281)
Install tidal power turbines at the Sarah Mildred Long Bridge, Memorial Bridge, and the bridge at Interstate 95	15.7%
Ensure all new municipal construction (new or major renovations) is designed for net zero carbon emission	14.6%
Install solar arrays with battery storage sufficient to power municipal buildings	17.5%
Develop and implement a fleet electrification plan for City vehicles	10.2%
Expand public transportation options within Portsmouth as well as into and out of Portsmouth	21.4%
Expand bicycle and pedestrian pathways within Portsmouth	17.0%
None of these	3.67%



Q5 Any other comments or suggestions about potential climate actions or adaptations?

(122 responses by)



Walkability/bike infrastructure is probably the best payback - and will improve public health. Let's make a Walkable Portsmouth the #1 priority

Would drive electric car if there were more rapid charging stations in town and throughout state, and also less hassle with HDC to put charging station in driveways. Also wish we had more sidewalks beyond downtown, more pedestrian-friendly downtown that didn't prioritize cars/parking except for those with mobility issues, and more ways to increase housing density downtown.

I think we need to continue to look at new innovative and affordable ways to move Portsmouth to carbon neutral.

I'd expect city officials to evaluate which options are most effective at achieving emissions reductions and choose those.

City ought to work with HOA's to change their Rules to permit things like solar arrays, charging stations for vehicles, eco-friendly landscaping, etc

When one finds an action which will actually reduce warming, I will support it. THIS IS B.S.

Consider looking at signing a pledge to purchase Offshore Wind Energy when available.

Climate action was instituted by the deep state to cause fear, force us to spend enormous amounts of money on alternate energy sources, to keep us divided and under control by dictating how much energy we can consume just so they can continue to make billions and trillions of dollars to fund their nefarious endeavors! People need to wake up!

Better bike lanes and pedestrian routes!

If I do anything to conserve energy it's because it has become very expensive given our political leadership in the last 3 years. The idea that the climate is in crisis has not been proven and every indication is that this is fabricated to push an agenda to repeal rights and shift the economy.

Find some way to incentivize residents to switch to EVs and/or install solar panels Pursue strategies that make it easier for residents, who wish to, to use transportation that does not burn fossil fuels Implement a citywide target for reducing CO2 emissions and prominently feature the metrics in Market Square.

As a coastal town, science doesn't support this.

Dont waste our money on this stuff

City should spend NO money on climate change unless it can be definitively shown to be COST effective for the tax per.

I would appreciate resources for where to start on making my home less polluting- solar panels, heat pumps etc

On the prior question I would reallocate the money based on estimated effectiveness of each option. e.g. Which would generate the greatest decrease in the city's use of non-renewable electricity: turbines in the river, roof-top solar, or renovations?

In favor of making Congress St a pedestrian only zone

Always favor less energy use

Portsmouth aspires to be a sustainable city, but it continues to lag behind other New Hampshire communities, such as Seabrook, which has private solar investment and fast EV charging stations. Similar actions here seemed to be stuck in bureaucratic limbo. What can be done to get them moving?

I like to ride my bike for leisure, but the idea that you are going to get large portions of the population to start riding bikes is really quite silly. I was born and raised in Portsmouth and grew up riding my bike very successfully without sharrows, bike lanes and signs every few feet indicating a bike route. The city needs to stop pandering to the handful of bike zealots around town.

Look at all city spending in terms of energy used or saved and environmental impact. Thanks!

The HDC should not keep people in the historic district from installing solar panels on their roofs. HD is most impacted by rising sea levels! Let us make green choices on our own homes!

Is the city allowed to enforce an ordinance that all new homes, starting in a date in the future, require solar?

Leverage the community power group for community solar power installations

I hope there is a balance of people looking at this.

We need to focus on single use plastic usage through out the city and managing our waste while initiating community wide composting, expanding reuse and repairing options and reassessing our recycling program.

Start a composting campaign! Everyone can do their part, but we need to make it easier than driving to the dump. Why not get safe, sturdy receptacles at various locations (library, schools, city hall, or only on Saturday at the farmers market) and even involve banks or non- municipal locations where people often go. Pick up a couple times a week.

No

I would like to see waste reduction better represented in climate action planning, and a focus on reuse infrastructure.

Lift the ban on EV fast chargers and utility-scale solar arrays.

Parking minimums should be eliminated so as to encourage more walking and biking.

increase waste water pumping capabilities with backups. work with local communities on improving environmental protection of great bay estuary and piscataqua river water support cooperatively. add more public transportation options w surrounding communities w electric buses.

Difficult to weigh in on how to allocate the \$100 without knowing the effectiveness, cost and ROI of the options

Re: previous question: All these options sound good to me but I don't know enough about any of this to have an opinion on how to spend the 100.

Would not buy or want the city to implement electric vehicles unless they are solar powered and the batteries are totally recyclable. Would also suggest the city start planting native trees and shrubs along our shores (rivers, creeks, marshes, etc.) since we are having more issues with rising water. Possibly consult with the Netherlands as they have expertise in this area.

Work with Community Power Coalition to build a solar array using reserves from Community Power and sell the power "back to ourselves" and other coalition towns through CPCNH. Revenue bonds could be used; not part of the city debt calculation.

Add a fee to renewal of vehicle registration and issue a free pass on public transportation

#1 Continue to expand social infrastructure - many and diverse community engagement and gathering spaces for all ages and backgrounds, with diverse offerings beyond kids sports or private, paid ticket events. #2 Transform the cityscape into a thriving, biodiverse ecosystem by reducing hardscape, eliminating turf grass (public and private), implementing green stormwater infrastructure, planting more trees, promoting urban agriculture, etc. to create a city of greater wellbeing for all and general climate resilience. #3 Establish highly progressive local building codes, based on the Living Building Challenge and appended to state/national standard codes, to be required of all construction projects in the city, public and private.

More safe walkways! (Elwyn Rd is so close to Dondero but you have to walk).

The sooner the better.

We need to pay attention to rising coastal waters and how that can impact the safety of our drinking water supply and source water protection. We should also avoid purchasing additional artificial turf fields as they contribute to climate change by emitting large amounts of heat as they get so hot, they take a lot of petroleum/plastics to manufacture, they leach toxic chemicals into our environment, and we do not have an adequate/safe way to recycle them after their use is up in ~ 10 years. We should prioritize well drained, grass fields that we can maintain overtime w/less harmful impacts to our environment.

Provide affordable housing in walking distance of downtown. Average employee in Portsmouth's service industry commutes 30mins to town for work, 30mins back. Affordable housing provides cuts on car emissions, and the need for parking. Also, making Congress st. pedestrian only does this same thing. Also, providing incentives for homeowners to switch to solar/clean energy will increase participation in these clean energy programs. Those of us who rent in town don't get to decide.

More effort to actually measure municipal energy consumption in real time, and display same in a public dashboard. Not on the web, nor on a phone... instead on a tasteful, but easily visible ever-changing LCD in Market Square. Current value and

month and year to date, expressed as carbon equivalent, based on grid power from the northeast US grid.

Minor changes: ban plastic bags in stores; offer more community garden space; ban the selling and spraying of Round Up

Recycling, and be aware of the effect that you have on this matter how you live and contribute to the world in your everyday living.

I think we should explore the tidal options (turbine or fence) but I understand they are costly upfront. Many more charging stations needed if electric is truly the trend.

The best ways to reduce our climate footprint is to re-legalize the construction of dense multifamily housing close to job centers while ending taxpayer-funded subsidies for car-centric lifestyles. These are both revenue-positive actions for the city, and have added advantages: - help solve our housing crisis - build on Portsmouth's unique character as a pedestrian-friendly city - replace aging infrastructure with new infrastructure that is climate-resilient

Sad that all our efforts are undone by China and India's use of coal emissions

Consider municipal buildings, schools etc for building solar farm arrays for residents including apts. and low income housing.

Yes, if we switch to electric vehicle will the city be able to supply enough electricity to run all of the vehicles?

We already have tidal turbine testing by NSF at Memorial Bridge by UNH and NSF

Change ordinances to prevent installation of fossil fuel using systems for heating/cooling/cooking in new buildings and retrofits.

Build solar on old landfill site or other suitable areas and sell investment tax credits and RECs

Switch School buses from diesel to electric, taking advantage of federal funds for this action and other available incentives. Put in place a plan to locate EV fast chargers within the City at shopping center parking locations. Establish an overlay map showing where large scale solar generating stations may be located, and adopt zoning amendments to encourage the development of such facilities in those locations.

I wasn't aware of the renewable energy from Portsmouth Community Energy. Thank you for sharing. Publicize it more!!!

Please demand that Eversource recognize net metering. I have solar panels that I rent for \$80+/mo and can't participate in municipal energy without forfeiting credits to help pay for my energy costs.

Flood resilience. The long term plan for the low-lying coastal South End (including Prescott Park, Strawberry Banke, Little Harbor School, and many homes) will require either a municipal flood wall barrier system, or raising buildings, streets, and infrastructure. Federal moneys must be pursued for relief.

Need to reduce electricity use after hours in public spaces (library, South Playground, fountain at fire station, etc.). Reduce number of public works vehicles. Provide zoning incentives for installation of solar panels on new construction. Relocate city facilities away from areas threatened by sea level rise.

I have solar on my roof but I cannot join community power because Eversource does not permit it. It would be great if the city or state could push Eversource to make it possible for people like me to opt in to community power. With respect to investment to reduce emissions, this is a large topic and I have no idea where the biggest bang for the buck may be. I do know that battery power is definitely not cost effective right now but solar arrays are getting cheaper all the time. So if there is spare land (eg a landfill) I would be happy for the city to invest in a pure solar array. I believe Brentwood has an array installed by Revision Energy and they might be a model for us. There is not enough bike parking downtown. It would be very helpful for the city to prioritize installing simple racks in different areas to make it possible for more people to bike to the shops etc. Also, I strongly favor installing more dedicated infrastructure for walking and biking throughout the city.

The City Council, acting on the advice of staff, voted this year to spend \$1 million to upgrade the pool right next to the river. Perhaps this could/should be revisited.

Incentivize climate friendly activities. For instance, tax rebates on solar/electric autos/heat pumps.

Guidance for individuals would be most helpful. Many of us know how critical climate change is, but feel powerless to effect change.

City Council should demonstrate commitment to implement Climate Action Plan strategies by establishing clear links between CAP, Master Plan updates, and future Capital Plans, e.g., with a GHG reduction criterion for prioritizing projects. Establish co-benefits between GHG reduction strategies and other city priorities, e.g., understanding how improved public transit/bikeways reduce GHG emissions and connect current/future affordable housing to jobs, education, etc.

Community-scale solar - install large arrays in unused land, over parking lots etc. Sell this electricity cheaply to residents.

I currently drive a hybrid car. Wouldn't do full electric until infrastructure here. Have lived in a geothermal house. It worked! But not without issues as it consumed huge amounts of H2O. I live in a condo association. What I can do is limited.

use open land for solar arrays,

Look at sea level rise and make a 10, 20 and 30 year plan for city facilities which will be impacted.

District heating and cooling may be a good way to reduce energy usage in the downtown. District seawater-based cooling seems like a particularly clear opportunity, since we have the incredible resource of the Piscataqua to harness.

<https://drawdown.org/solutions/district-heating> <https://www.araner.com/blog/main-advantages-seawater-district-cooling>

This is a false flag issue that is about parting the taxpayer from his/her money. None of this makes any sense at all.

more bike lanes, more public transportation, more electric car battery charging stations!

keep up with new technology, more C & J parking, create shuttles to satellite parking near downtown

It would be nice if we could have compared the effectiveness of each options. Essentially how much power/emissions would each objective change. Then be able to do a dollar to carbon offset analysis.

City employees on city time can act as role models and prove the city cares and is doing something! Stop idling your vehicles for instance!

do not allow everource to continue price hikes on electricity!!! divest from fossil fuels and coal plants!

Thanks for the survey!

I just finished downloading the aarp bike audit booklet as well as their workpages. I would pay for employees to be working specifically on these issues for Portsmouth. <https://www.aarp.org/content/dam/aarp/livable-communities/getting-around/2023/bike-audit-tool-kit/AARP%20Bike%20Audit%20Tool%20Kit-singles-09292023.pdf>

Don't let climate religion or scare tactics drive decisions. Challenge UNH model for failure to back test methodology.

How about challenging the young people to put their money where their mouth's are, I see a lot of cars going to and from the high and junior schools with one student in them.

Let's do it!

Grant program for homeowners to have solar & batteries rather than maintain the above ground system

Better information about buying locally. Better analysis of effect used batteries might have on environment. Major electrical grid upgrades to go 100 percent electric. City shouldn't be in charge of switch to electricity switch. Utilities should. What happened to improving MPG mileage for vehicles?

Plan to mitigate sea level rise.

I would love to see downtown Portsmouth a car free zone.

Connected to net zero for new builds - you could use solar tubes for lighting most days.

Require that for renters like myself that landlords renting older townhomes and apartments have to be required to update to more energy efficient appliances and winterization as well as other things out of renters control for climate and energy conservation.

I don't own the house I live in, so half the options on this survey do not apply do me.

I DONT BELIEVE, WE CAN CHANGE THE CLIMATE, AND IF WE COULD THE BIGEST POLLUTER ARE AIRPLANES, SO WE ARE NOT SERIOUS.

Many of the "climate action" initiatives take a limited view of the problem. It ignores the human impact of what electrification actually takes in terms of literal slave labor in Africa (see: Siddharth Kara's book "Cobalt Red"), the current unreliability of green energy (there is debate about this, but here are two good articles: <https://www.technologyreview.com/2018/07/27/141282/the-25-trillion-reason-we-cant-rely-on-batteries-to-clean-up-the-grid/> + <https://www.theverge.com/2019/2/15/18226210/energy-renewables-materials-mining-environment-neodymium-copper-lithium-cobalt>), and the fact that electrifying here is taking greenhouse gas emissions here and letting China emit them instead. China produces 80% of the world's solar panels and 95% of the components of them (<https://www.washingtonpost.com/business/2022/07/30/climate-solar-manchin-china/>). This strikes me as an expensive feel-good project, while ignoring the reality and more achievable issues for the city to tackle.

All of this climate action is a pure farce and hints of paganism. The weather conditions have changed since the story of creation and we, as humans, are wasting time and efforts in something that we have no control over. There are far more important issues to address than this nonsense - i.e., open borders, abortion on-demand, etc. It is not 100 degrees Fahrenheit in the Arctic...

What are we doing to build short term resilience from floods and heat waves? Also, focusing solely on co2 emissions can be very misleading and might unnecessarily reduce public support. For some people this is a political topic, they don't believe in climate change. For others it is too abstract of a topic. "I can't see the impact. Are we investing into nothing?" For some it's an unattainable goal because the whole world needs to participate in order to make it a success. It's like a company stating we are going to make a profit. Co2 just like profit should be seen as byproduct, one of the objectives. To get wider residents support talk about tangibles such as improved health span and longevity. Things that they will directly benefit from. Biking, walk = 30 daily min exercise can increase one's lifespan by 10 yrs. It also improves mental health. It reduces local air pollution. More tree/shrub planting creates cooling effect and minimiz. risk of heat stroke in the summer heat. Etc

I think tidal energy production is a great idea but I need to understand the environmental impact that it would have.

Climate change is important but the whole electric car/vegan agenda is taking the wrong approach. Industrial mono cropping is destroying our soil and the environment. We should be encouraging meat based diets with a focus on regenerative

agriculture. Also electric vehicles just take the pollution and move it elsewhere on a larger scale...lithium mining, no way to dispose of batteries, etc. Electric vehicles and other electric mobility devices are also a huge fire hazard, with no good way to put out the fire. We need to rethink how we address climate change, not just how to make rich people richer by allowing industry lobbyists to drive policy

monitor and limit DPW ride around activity

Protect city green spaces from further development.

We are poisoning our environment and I believe this is a much bigger problem than isolating climate change as an issue.

Make downtown Portsmouth a walking mall on weekends

Don't want to die freezing, don't want to die burning

I am not a doomsday protagonist, but am VERY CONCERNED that government at all levels and NGOs are not having the necessary impact on citizens and organizations to DRASTICALLY reduce carbon emissions. High tide is approaching, and its impact on topographically low levels of our Fair City will be devastating. Wake up, Portsmouth! Time is running out!!!

It feels downright dangerous biking with my small children into town.

Implement new city codes which increase wetland and shoreline buffers, better protect wetlands, better protect green spaces and require better building codes for reduce heating and to with stand bigger storms.

Look for solutions to flooding in low lying areas.

Increase the number of EV chargers in public lots, as well as solar panels on parking garages and over surface lots.

Education begins young. We should encourage our schools to teach conservation, critical thinking in what people buy and how they dispose of what they don't want, and teach the concept of reduce, reuse, recycle. Also, the city should do less mowing of parks/grass and allow "natural state" to grow. It can be beautiful. We should encourage our residents to spend less money on fertilizer, and to plant more greens and trees and allow natural state to grow, rather than mow so often.

More EV rapid chargers Encourage home owner solar arrays and current generation mini splits

Prevent large corporations particularly oil companies from interfering with renewable energy ideas with their large donations to public officials and thru misinformation campaigns.

Relax permitting/red tape/fees for installing Heat Pumps and solar panels. Set up a municipal solar array in the old dump area of Jones Ave. The field area is pretty much off limits, would be a great area with great expose for a solar array.

Tall buildings in the north end facing south could be great solar power collectors and generators. Maybe even have windmills on top of some? I don't know enough about this to have done a very informed response to this survey, but I appreciate the intent to mitigate climate adversities and save costs on residents. Also, I think new affordable housing should be built very energy efficient to keep workforce/essential workers' incomes from being wasted on inefficient heating/cooling. Net zero? And energy efficiency should get more priority than historic district aesthetics. And net zero ADUs should be encouraged.

Portsmouth needs many, many more tree-lined sidewalks and streets. I would like to see additional funds for our city arborist to be able to accomplish that on more than just "Arbor Day".

City, county and state officials need to collaborate to anticipate and manage (not sugar-coat and downplay) inevitable downsides and impediments to widespread deployment of carbon free energy. Where are sites for the new transmission lines, solar arrays, wind farms? Who pays for them? Who gets to decide where they go? Ditto for charging stations. How to recalibrate motor vehicle fees so that electric cars pay their full share of maintenance of roads and bridges, now financed out of gasoline taxes? What about the increase in localized, visible (breathable) air pollution, a result of heavier electric cars hauling their batteries? What about traffic injuries aggravated by these heavier vehicles hitting lighter-weight gas-powered cars and trucks? Lithium ion batteries are highly volatile and burn at very high temperatures. How will public safety officials respond? What about other energy sources or savers like geothermal and co-generation?

Get car share programs (like ZipCar) into the city so that households with 2 cars can seriously consider reducing to 1 full time vehicle and one car share membership.

maximum efficiency street/pedestrian lighting city wide

No because I participate voluntarily to reduce my use. I do not need municipalities or local government making me absorb any tax implications caused by their misjudgement. It should be each taxpayers right to choose whether they agree to participate or not!

1. pass an ordinance that states all new construction in Portsmouth have solar panels. 2. pass an ordinance that no new building can obstruct sun from neighboring houses.

Most options you've listed here are too expensive or unrealistic. Unfortunately, taxes are already so high in Portsmouth that to charge tax payers with the burden of these potential climate modifications is prohibitive.

Use current from local rivers to power downtown Portsmouth. Add more bike racks to pierce island and along new rail trail. Install natural gas lines on streets where they currently don't exist.

There are only 2 places in Portsmouth to charge electric vehicles. Market street is VERY HOT in summer. We need trees along sidewalk going out of town towards newington.

Reduce waste , especially on plastic water bottles. Encourage residents to use a Brita, Purr water pitcher and fill reusable water bottles from the filtered water source. Encourage businesses to reduce plastic waste. For example , I work at a local hospital. Our cafeteria uses huge plastic containers for all of it's dishes. The hospital gives patients small plastic water bottles. The hospital does not recycle at all. Encourage less watering of commercial lawns. This summer the automatic sprinklers in many businesses were in operation during our very wet summer. Sometimes they were even in operation during the rain.

Education in schools and through public programming.

Transportation is our biggest source of emissions, and so I support all changes that disincentivize private automobile use and incentivize a mode shift to public transit, biking, and walking. This can have a faster effect than a gradual shift to electric vehicles, and is more equitable and healthy for our community.

With India and China unwilling to change there is nothing we can do except ruin our economy. We should focus on protecting ourselves from changing climate rather than hoping they follow suit.

We need to protect against rising sea levels in Portsmouth!

It's worth working with other municipalities and even surrounding states to make public transportation more efficient, practical, and accessible

[Additional survey reports](#)