



Public Information Session

Tuesday, May 7, 2024 | 6:00PM

Union Hall, 29 Union Hall Rd, S. Tamworth, NH 03886

How Community Power Works



SOURCE

Tamworth Community Power purchases electricity from the sources you choose.

DELIVERY

Eversource delivers the electricity using the same power line infrastructure and billing mechanisms.

COMMUNITY

Tamworth Energy Customers save money and have the power to choose new rates and products, and how much electricity comes from renewable sources.

How Community Power Works

Tamworth Community Power combines the buying power of residents and businesses so that together we can achieve competitively priced electricity:

- ✦ In advance of the launch of Tamworth Community Power, all customers within the Town have been mailed a notice (containing information about their electricity rates and energy supply choice options).
- ✦ All customers have at least until May 27th— when Tamworth Community Power launches! — to consider whether to opt-out, opt-in, or opt-up to choose a cleaner power option:
 - Most customers currently on Eversource default supply service are automatically enrolled into our lower electricity rate: unless they opt-out, customers begin taking service from Tamworth Community Power on the date Eversource reads their meter on or after **June 1, 2024**.
 - On your Eversource bill, the 'Supplier' line item will read "Tamworth Community Power."
 - Select customer groups are not eligible for automatic enrollment but may choose to opt-in.
- ✦ After the launch of Tamworth Community Power, customers are always free to choose to buy power from Eversource, or from another market option, by submitting notice in advance of their next utility meter read date.

Electricity Choices

- ✦ Energy customers can select from a menu of energy choices.
- ✦ Visit CommunityPowerNH.gov and use the portal, or call 1-866-603-POWER, to select your power option.
- ✦ Please have your utility account number handy so your selection may be easily processed.
- ✦ Customers are always free to choose to buy power from their utility, or from another market option, without charge.

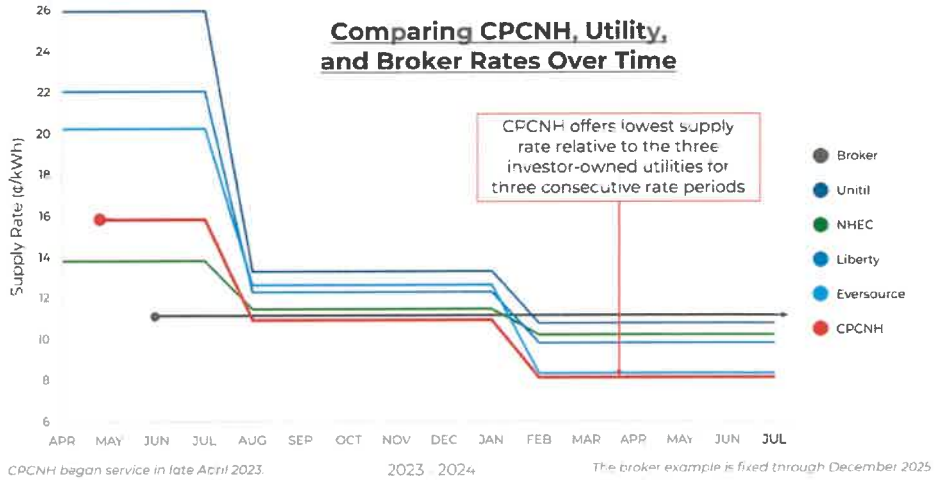
February 1, 2024 - July 31, 2024 Residential, General Service, Outdoor Lighting

Renewable Content	Power Options	Rate (¢/kWh)	Estimated Cost*
100%	Clean 100	12.4 ¢	~ \$81 / month
50%	Clean 50	9.4 ¢	~ \$61 / month
33%	Granite Plus	8.4 ¢	~ \$55 / month
24.3%	Granite Basic <i>(Default Service Option)</i>	8.1 ¢	~ \$53 / month
24.3%	Eversource	8.285 ¢	~ \$54 / month

* Based on usage of 650 kWh per month

Rate Comparison: Community Power & Utilities

- Community Power has flexibility: active power portfolio mgmt.; adjust rates to maintain discounts as utility rates change; deposit net revenues into community reserve funds for long term price stability and public benefit.
- Feb-Jul rates dropping by 26%
- Eversource's rate includes a 1.5 ¢/kWh remittance for a prior rate over-collection, but is still more expensive than Community Power



Commercial Rates

	FEB	MAR	APR	MAY	JUN	JUL	*Avg.
Eversource Class GV Rate	18.173 ¢	12.061 ¢	9.495 ¢	9.004 ¢	9.443 ¢	11.602 ¢	11.835 ¢
Community Power (Clean 100)	19.00 ¢	12.60 ¢	9.90 ¢	9.40 ¢	9.90 ¢	12.20 ¢	12.40 ¢
Community Power (Clean 50)	14.40 ¢	9.60 ¢	7.50 ¢	7.20 ¢	7.50 ¢	9.20 ¢	9.40 ¢
Community Power (Granite Plus)	12.90 ¢	8.60 ¢	6.70 ¢	6.40 ¢	6.70 ¢	8.20 ¢	8.40 ¢
Community Power (Granite Basic)	12.40 ¢	8.30 ¢	6.50 ¢	6.20 ¢	6.50 ¢	7.90 ¢	8.10 ¢

Granite Basic offers a 32-33% savings off of Eversource's rate.

*Load weighted average = 8.1 ¢/kWh

Utility Still Sends Out the Bills

EVERSOURCE

Account Number:
 Customer name key:
 Statement Date: 11/08/23
 Service Provided To:

Meter Number	Current Read	Previous Read	Current Usage	Reading Type
	32616	32067	549	Purchases
	8452	8452	0	Sales

Previous Carry Forward	Plus Current Sales (Customer)	Minus Current Purchases (Eversource)	Current Net Billed Usage	New Carry Forward
0	0	549	549	0

Contact Information
 Emergency: 800-662-7764
 www.eversource.com
 Pay by Phone: 888-729-7764
 Customer Service: 800-862-7764

For information or questions regarding your account, please contact Eversource at 1-800-662-7764. If after contacting us, your billing dispute is still unresolved, you may contact the New Hampshire Department of Energy at 800-852-3793.

Payment will be sent to bank for processing on 11/29/23 **\$137.55**

Electric Account Summary	
Amount Due On 11/05/23	\$124.67
Last Payment Received On 11/01/23	-\$124.67
Balance Forward	\$0.00
Current Charges/Credits	
Electric Supply Services	\$67.53
Delivery Services	\$70.02
Total Current Charges	\$137.55
Total Amount Due	\$137.55

Total Charges for Electricity

Supplier		
PETERBOROUGH COMMUNITY PO		
Service Reference:		
Generation Svc Chrg***	549.00kWh X \$0.12300	\$67.53
Subtotal Supplier Services		\$67.53

Delivery (RATE R RESIDENTIAL SVC)		
Service Reference:		
Customer Chrg		\$13.81
kWh Distribution Chrg	549.00kWh X \$0.05357	\$29.41
Regulatory Reconciliation Adj	549.00kWh X \$0.00047	\$0.26
Transmission Chrg	549.00kWh X \$0.02965	\$16.28
Pole Plant Adjustment	549.00kWh X \$0.00270	\$1.48
Strnded Cat Recovery Chrg	549.00kWh X \$0.00694	\$3.81
System Benefits Chrg	549.00kWh X \$0.00905	\$4.97
Subtotal Delivery Services		\$70.02
Total Cost of Electricity		\$137.55

Long-term Benefits



COMPETITIVE AND STABLE RATES

Our energy supply rate is lower than the distribution utilities' supply rate.



CLEAN ENERGY OPTIONS

You have the option to buy renewable and carbon free power.



INVESTING IN COMMUNITY

We are designed to enable member towns to develop innovative local energy projects and programs.



LOCAL CONTROL

You have a say in what your energy future will look like.

Community Representation

- ✓ Tamworth joined 50+ other cities and towns to create our own locally accountable nonprofit power agency: **Community Power Coalition of NH.**
- ✓ As a Member of the nonprofit, the Town of Tamworth has a say in the Coalition's governance and finance decisions.



Gabrielle Watson

Member Representative

Community Power Coalition of New Hampshire

Tamworth Energy Committee (Chair)



Keats Myer

Member Representative

Community Power Coalition of New Hampshire

Administrator, Town of Tamworth

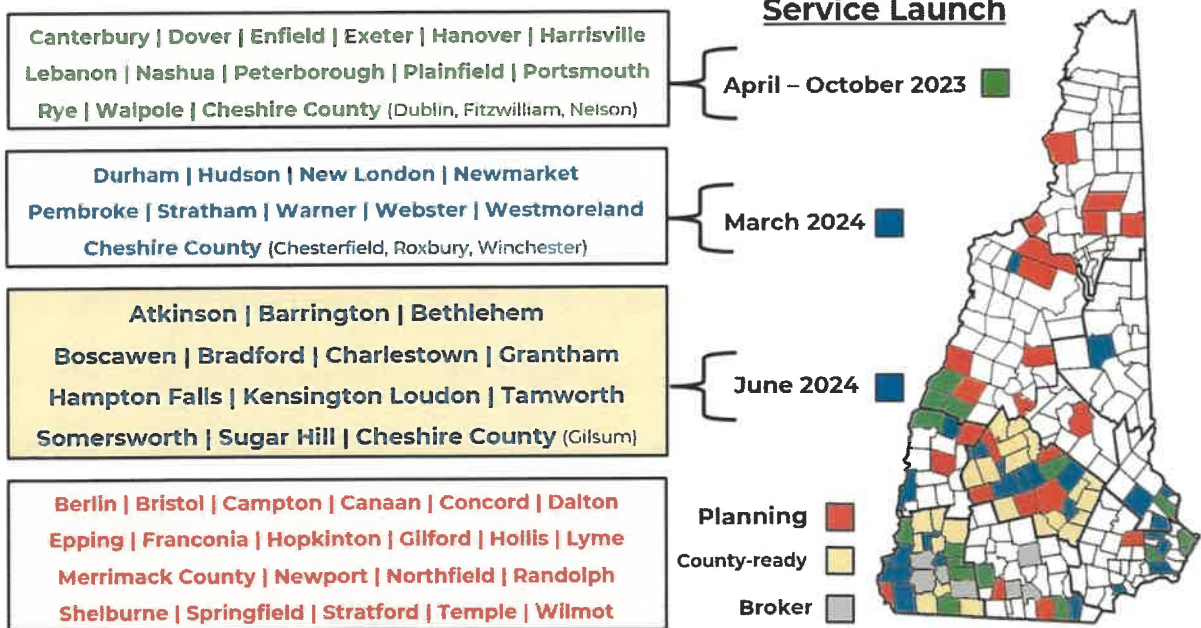
FOR COMMUNITIES, BY COMMUNITIES.



**COMMUNITY
POWER COALITION
OF NEW HAMPSHIRE**

Community Power Coalition of New Hampshire

Nonprofit power agency created by NH cities & towns



Customers Ineligible for Automatic Enrollment

✚ Certain identified customer groups will NOT be automatically enrolled in Tamworth Community Power, including:

- Customers buying electricity from a third-party supplier.
- Net Metered customers.
- NH Electric Co-op customers
- For customers in Eversource's territory: Large General Service, Backup Service, and Commercial & Industrial electric vehicle charging station customers (Rate Classes LG, B EV-2).

✚ If one of these exceptions applies to you and you want to learn more, contact us at info@CommunityPowerNH.gov or by calling 1-866-603-POWR.

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Net Metered Customers

✚ Net Metering Customers identified by the distribution utility will NOT be automatically enrolled in Community Power (which should be all of them).

○ If you are a net metered customer, please contact us at info@communitypowernh.gov or **1-866-603-POWR** to verify that your net metered account has been identified by the distribution utility.

✚ What is preventing Net Metering customers from joining Community Power?

- Utilities have not put in place processes to bill and track supply credits for exported power from Net Metering customers
- Utilities are not yet providing monthly export data needed to serve those customers

✚ Net Metered customers who elect to opt-in to Community Power will no longer receive any credits as an offset for supply for the electricity that they generate in addition to their usage each month, until the issues with utilities are resolved.

○ Distribution utilities will continue provide delivery credits (distribution, transmission, etc.) for excess generation for Net Metering customers opting into Community Power..

✚ The Coalition is engaging with the NH Public Utilities Commission to resolve this issue and bring utilities into compliance with NH law and regulatory rules.

○ When utilities provide the necessary data and billing services, Community Power will offer Net Metering rates and terms to compensate or credit customers for the electricity supply component of their surplus generation and expand offerings to encourage adoption of distributed generation and storage.

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Key Points

- **Most Eversource default electric supply customers will be automatically enrolled on or after June 1, 2024,** in the same service for a lower price. Tamworth Community Power will be the **new default electricity supplier** for Tamworth customers.
- **Participation in Community Power is voluntary.** Customers may opt-out prior to or after enrollment and choose to stay with Eversource for electric supply, or shop for another market option.
- **Eversource will continue to deliver electricity** using their poles and wires, provide billing services, and ensure reliability.
- **Customers shopping with third-party suppliers will remain with their supplier** unless they choose to opt-in to Tamworth Community Power
- **Tamworth Community Power is self-funded** by rates paid by participating customers. **No taxes will be used to cover program expenses.**



Questions & Answers

1-866-603-POWR

info@CommunityPowerNH.gov

CommunityPowerNH.gov

Scan to sign-up for
Action Alerts and
Coalition Updates!

Interested in supporting efforts to remove policy and regulatory barriers to developing local energy projects that lower costs and benefit our local economy?

Join our Community Leader Subscribers List at www.cpcnh.org/community-leader-sign-up



Tamworth is advancing a program that will allow consumers to buy energy independently of Eversource, so residents and businesses will be able to procure electricity at lower rates and with reduced environmental impact. Community Power programs were signed into NH law in 2019, allowing cities and towns to work with energy suppliers to lower their energy generation costs and increase their share of renewables.

On July 27th, at the Tamworth Energy Committee's suggestion, the Select Board signed a non-binding letter of intent to join the nonprofit **Community Power Coalition of New Hampshire**, which already has at least 39 other towns, cities and counties as members. The Energy Committee analyzed three Community Power sources—two private brokers and the nonprofit CPCNH—and advised that CPCNH offers Tamworth customers the best value by reducing costs, avoiding volatile energy price swings, and supporting investment in our own energy independence.

If the 2024 Tamworth Town Meeting approves the Community Power program, the town will have the option to join CPCNH, or work with one of the two private energy brokers. Once launched, customers will automatically be enrolled, unless they opt out and remain with Eversource or another energy supplier. Everyone who remains in the Community Power program will still get their bill from Eversource, but they will see that the energy generation portion is new.

As a nonprofit agency, CPCNH is managed by and for member communities. CPCNH builds up financial reserves to help towns buffer future energy price spikes and invest in their own town energy projects. In this way, customers will see a gradually growing reserve that Tamworth will own. With CPCNH, all rate offerings except their "Clean 100" are less expensive than Eversource's at present.

Who is the Tamworth Energy Committee?

Created in 2022, the Tamworth Energy Committee is an advisory body of five volunteers:

Gabrielle Watson, Chair
Ted Morgan, Vice chair
Ellen Farnum, Secretary
John Kumm
David Kunhardt

The Committee has been authorized, together with Town Administrator Keats Myer, to set up Tamworth Community Power and help bring a warrant article to Tamworth Town Meeting in the spring. Additional volunteers are encouraged to join. The Committee meets the first and third Mondays of every month at 3:00 at the Cook Memorial Library. **Questions? See:** <https://www.tamworthnh.org/energy-committee> Or email: tamworthenergy@tamworthnh.org

Electric Rate & Savings Comparisons

This table shows how much one can save through CPCNH Community Power vs. Eversource, Liberty, and Unitil power companies since CPCNH's first launch in January 2023. Both in cents/kilowatt hour and average dollars cost per month (based on an average residential use of 650 kWh per month). *CPCNH Community Power has consistently had the lowest rates over the three rate periods of its existence.*

NOTE that the current Eversource rate is only slightly higher than the CPCNH basic rate. This is because Eversource greatly overcharged customers in the first half of 2023, so they have discounted rates this time around, but they are likely to rise in the future. CPCNH Community power has the advantage of being a non-profit association of towns and counties, and it can purchase power when the market is to their advantage –whereas Eversource is restricted to two purchase times per year regardless of rates. As increasing numbers of towns join CPCNH, the increased buying power will reduce rates further.

<u>Time Period</u>	<u>CPCNH</u> Basic	<u>CPCNH</u> 33% Renewable	<u>CPCNH</u> 50% Renewable	<u>EVERSOURCE</u>	<u>LIBERTY</u>	<u>UNITIL</u>
<u>Jan 31-July 31, 2023</u>						
Cents/kWh	15.8 ¢	16.2¢	16.9¢	20.2¢	22¢	25.9¢
Avg monthly cost	\$102	\$104	\$110	\$131	\$143	\$168
<u>Aug 1-Jan 31, 2023-4</u>						
Cents/kWh	10.9¢	11.3¢	12.3 ¢	12.6¢	12.2¢	13.3¢
Avg monthly cost	\$65	\$68	\$74	\$75	\$73	\$80
<u>Jan 31-July31, 2024</u>						
Cents/kWh	8.1¢	8.4¢	9.4 ¢	8.3¢	9.8¢	10.7¢
Avg monthly cost	\$53	\$55	\$61	\$54	\$63	\$70



Net metered customers are encouraged to call 1-866-603-7697 (POWR) or email Info@CommunityPowerNH.gov to verify they have been properly identified in data provided by utilities. Please have your account number handy when reaching out.

Does CPCNH Serve Net Metered Customers?

Our Community Power programs are committed to supporting the growth of local renewable energy sited at the customer level. Unfortunately, at present we are unable to properly serve and credit net metered customers for their excess generation, and as a result, we recommend that these customers remain on their distribution utility's default energy service.

There are two factors that must be resolved in order for Community Power to be able to properly serve net metered customers and to offer additional innovative energy services:

1. Distribution utilities must share information on the net amount of power that is exported to the grid by a net metering customer, for example, over a monthly billing period.
2. Distribution utilities must properly account for net exports from net metered customers as "load reduction," that is, an offset to the amount of power we are obligated to purchase in the ISO New England wholesale market.

Without resolution on these two issues, Community Power cannot (1) properly credit net metered customers for their net exports; nor (2) accurately realize the value of sourcing power locally from within the community without having to purchase that power twice (once from the net metered customer, and a second time in the ISO New England wholesale market).

CPCNH is committed to providing our communities with choice and will offer net metering programs as soon as we can. Locally generated power can offset other costs that are part of our customers' electric bills, especially if that power is generated at times of peak electricity usage, benefiting everyone.

We are working hard with distribution utilities and state regulators to resolve obstacles preventing us from properly serving net metering customers. Once they are resolved, CPCNH will offer net metering rates and terms to compensate customers for their net metered surplus generation. We look forward to extending service to net metered customers in the near future and offering additional innovative rates and services to benefit our communities.

I am a Net Metered (NEM) customer. Will I be automatically enrolled in Community Power?

CPCNH will not automatically enroll customers that have been identified as a net metering customer by the distribution utility.



We rely on the distribution utilities to identify which customers are net metered so we can exclude them from enrollment. In some instances, net metering customers have not been “flagged” by the utilities resulting in inadvertent enrollment with CPCNH. If this happens, the customer will not receive credit for their exports because the utility is not able to provide us with that data.

Some net metered customers with little or no net exports to the grid may benefit from enrolling in Community Power as we have lower rates. Please see next question for more explanation.

Can Net Metered customers choose to be enrolled in Community Power?

Yes, but the benefits of doing so should be calculated carefully before enrolling. Net metered customers served by Community Power programs will not receive any monetary supply credit for their excess energy production (exports). Customers would continue to receive non-supply related components (such as transmission and distribution credits) directly from their distribution utility, as specified under the terms of their applicable net metering tariff.

Opting-in to Community Power programs will have different implications for customers depending on whether they are currently on “net metering 1.0” or “net metering 2.0” tariffs offered by their distribution utility:

- ✦ Customers currently on “net metering 1.0” tariffs receive kilowatt-hour credits from their distribution utility for any electricity generated in excess of their onsite usage each month. These customers will continue to carry forward kilowatt-hour (kWh) credits month over month as an offset to future kWh consumption. However, if they generate more power than they consume over the course of the year and elect to monetize (“cash out”) their credit on an annual basis, they will not receive any monetary credit for the annual surplus of their accumulated kWh credits from Community Power until issues with utilities are resolved.
- ✦ Customers who want to enroll in Community Power that are on a “net metering 2.0” or “alternative net metering” tariffs will no longer receive monetary supply credit for electricity generated in excess of their onsite usage (export) each month. Some net metering customers never produce more energy than they use during a month. Other customers will export only a small amount of energy some months of the year. The Community Power default service rate has been lower than the distribution utility rate since we launched in 2023. In some cases, a “net metering 2.0” customer that elects to be served by Community Power will still have a lower bill over the year even if they are not credited for their “export” credits because of the savings on their usage of energy.

Please call 1-866-603-7697 (POWR) or email info@CommunityPowerNH.gov if there are questions on the benefits of enrolling into Community Power as a Net Metering Member. Please have your account number handy when reaching out.

Are Group Net Metering customers automatically enrolled in Community Power?

Group Net Metering Hosts (the generator) that are properly identified by the distribution utility **will not be** enrolled in Community Power.

“Members” of the Net Metering Group who are not net metering themselves, are not on a Competitive Supplier, and have not opted-out **will be** enrolled in Community Power. This enrollment will not affect any monetary credit from the Group Net Metering Host for their participation in the Group, including on-bill credits.

Please call 1-866-603-7697 (POWER) or email info@CommunityPowerNH.gov if there are questions on the benefits of enrolling into Community Power as a Net Metering Group Member or Host. Please have your account number handy when reaching out.

What needs to change for Community Power to offer Net Metering programs?

Two things need to change before Community Power can offer Net Energy Metering (NEM) programs.

1. Distribution utilities must share information on the net amount of power that is exported to the grid by a net metering customer.

Today, when a customer produces more energy than they consume over a billing period (exports), the utility reports the meter read amount as zero rather than as the actual negative amount. Without this information, Community Power cannot know how much power was exported by the customer, and thus cannot know the amount to credit that customer.

2. Distribution utilities must properly account for net exports from net metered customers as “load reduction,” that is, an offset to the amount of power we are obligated to purchase in the ISO New England wholesale market.

When a net metered customer produces power locally and exports it into the distribution system, the result is a reduction in the amount of energy that is needed to be purchased from wholesale power markets. Net metered customers are like miniature power plants that are offsetting the cost of buying power from bigger generators in the wholesale markets.

Rather than allowing our Community Power programs to properly source some of our power from net metered customers within our communities, current utility practice is to socialize the value of that locally generated power across all suppliers operating in the distribution utilities’ service territory, regardless of who is supplying the customer.

Net exports from local energy generators should only reduce the supplier energy purchases if it is the supplier serving the net metering customer. This is consistent with the principle of cost causation for developing equitable rates.



Without being able to properly source power from local net metered customers, Community Power programs have to pay for net metered power twice: once in crediting the customer for their net exports, and again by having to purchase the same energy in the wholesale markets.

Why would the distribution utilities make these changes?

It is required by state law. New Hampshire statute requires that *“output shall be accounted for as a reduction to the customer-generators’ electricity supplier’s wholesale load obligation for energy supply as a load service entity, net of any applicable line loss adjustments, as approved by the commission.”* -RSA 362-A:9, II

It is required by regulation (administrative rule). *“All customer usage data provided by the utility shall include consumption power delivered to customers and exports to the grid from customer generators in kWh for each reported interval.”* -Puc 2203.02(d)

It was reinforced by the Public Utilities Commission. *“We also construe 2203.02(d) harmoniously with the remainder of the chapter to require the provision of positive and negative values for each reported interval.”* - DE 23-063 Joint Utilities Prehearing Order

What is CPCNH doing to help these changes happen soon?

- ✦ We have filed complaints with the Public Utilities Commission (PUC) and the New Hampshire Department of Energy requesting enforcement of the administrative rules and law.
- ✦ We have requested that the Electronic Business Transaction Working Group be reconvened to find solutions to the technical challenges. This is now underway with a request to have meetings every two weeks for six months.
- ✦ We will be filing a petition with the PUC to require an order that the distribution utilities fulfill their requirements so customers of Community Power can have choice in net metering programs.
- ✦ We are an intervening party to many dockets that are related to these issues.

What can I do to help Community Power make these changes happen?

- ✦ Continue to support CPCNH in its efforts to deliver Net Metering programs. As a member you are already doing that.
- ✦ Help us educate our customers on the reasons why we cannot offer net metering yet and what we are doing to fix it.
- ✦ Talk to your elected officials about these issues.
- ✦ Respond to “action alerts” so we can be sure your voices are heard.