

# MASSACHUSETTS CLEAN ENERGY CENTER®

## **Making Strides Towards Cleaner Energy**

### TMLP Receives a Mass Clean Energy Center Award

TMLP, in cooperation with Beacon Climate Innovations, Taunton Housing Authority and Energy New England, has received a Massachusetts Clean Energy Center InnovateMass award to retrofit the heating and cooling systems at two low-income facilities in Taunton with novel thermal storage heat pumps. Up to 25 dwellings will be retrofitted with the new systems which will save energy for the units and the facilities while providing a grid support and decarbonization resource for TMLP. The heat pumps are expected to be installed beginning in the fall, and the project will run through early 2024.

"Partnering with these innovative companies and our community is something we strive for in our daily operations," TMLP General Manager Kimberly Holmes said. "With the addition of this novel technology, we hope that the space saving units will provide more comfort, while giving our customers increased access to energy efficiency to reduce their consumption and energy bills. We look forward to the program's success and hope that this is something we can expand on in the future."

The Stash M1 heat pumps will be interconnected to provide TMLP with an aggregated flexible load of 50 kW and energy storage capacity of 500 kWh per day to reduce peak loads. Residents whose apartments are part of the program can expect a more comfortable living area through better climate control, improved air quality, and quieter operation, while the Taunton Housing Authority and the US Department of Housing and Urban Development will realize an estimated 50% savings in energy costs.

According to TMLP General Manager Holmes, the heat pumps store thermal energy for heating and air-conditioning during off-peak hours and discharge that energy during peak hours, when electricity is more expensive or when there is too much demand on the grid. By shifting electricity demand away from peak hours, the system reduces customers' energy costs, provides greenhouse gas avoidance, and offers flexibility to utilities on their peak power management and renewable energy resource optimization.

This initial installation of Stash heat pumps is expected to reduce electric consumption by 110 MWh and greenhouse gas (GHG) emissions by 80 metric tons per year.

### TMLP Updates its Policy Committing to Non-Carbon Emitting Energy Goals

The TMLP Light Commission voted this spring to update TMLP's policy regarding its non-carbon emitting energy goals. In May, the Board voted to increase the previous commitment to obtaining 80% of its electric power from non-carbon emitting fuel sources by 2050 to 100% of its electric power from non-carbon emitting fuel sources by 2050.

TMLP has been proactively involved in reducing its carbon emitting goals since the 1990s by participating in non-carbon emitting energy source power purchases and implementing several educational and monetary energy efficiency programs to its customers.

"The Massachusetts Global Warming Solutions Act of 2008 creates a framework to reduce greenhouse gas emissions (GHG) by 100% by 2050." TMLP General Manager Kimberly Holmes said in announcing the Commission's policy update. "This policy is in line with our mission to provide ratepayers with reliable, competitively priced services in a sustainable, environmentally sensitive and customer-centric manner."

"As a public power provider, it's our responsibility to the ratepayers to offer services that not only meet their needs in an environmentally conscious manner but also balances this with remaining competitively priced. We are on our way to meet our 100% by 2050 goal in a way that protects our customers and keeps their service reliable. We recognize that we can play a role to help achieve the goal of a cleaner environment. The TMLP Commission is committed to achieving this objective over the next 30 years. Through our resources and technology on the horizon, we are confident we will meet our goal," she added.

TMLP continues to offer programs that support renewable generation within its 100-square mile territory to conserve energy and reduce its customers' carbon footprint.

## Go Green 100% and Drive Electric!

As part of the commitment to meeting the goal of obtaining 100% of its electricity from non-carbon emitting sources, TMLP has implemented a variety of energy saving programs that offer rebates and incentives, along with a voluntary program that gives interested customers the ability to ensure that the electricity they receive is from non-carbon emitting sources.

#### Go Green 100%

When a TMLP customer signs up for the Go Green 100% voluntary program, the department purchases the qualifying Massachusetts Class 1 Renewable Energy Certificates (RECs) to meet their electricity needs. The renewable energy source will be guaranteed through the purchase of the Mass Class 1 RECs. A new line item will be added to the customer's monthly invoice and will equal \$.019 per kWh for 2022. The REC market will dictate this amount in future REC purchases.

The program is available to TMLP residential and commercial customers of record who have not been in arrears for the past six months and do not have an outstanding balance.

### TMLP Drives Electric

As part of the TMLP Drives Electric program, TMLP provides a wealth of information about buying an EV, including available state and federal rebates and information about the 2nd Drive program, a purchase incentive of up to \$900 "cash on the hood" to buyers of certain more affordable used plug-in electric vehicles.

The program also offers a Level 2 charging rebate of up to \$300 to help offset the cost of installing some or all components of a Level 2 system for higher speed charging of an electric vehicle at the EV owner's home. The rebate can be used to pay for a licensed electrician's services and/or electrical and charging equipment in order to install one or more of the following charging system components: (1) a 240-volt wiring circuit with a 50-amp circuit breaker, (2) a NEMA 14-50 240V outlet, (3) a Level 2 home charging station equipment.

EV owners can also save money every month by joining the 90 Cents a "Gallon" Club for off-peak charging. Customers who sign up for the program can earn a \$10/month bill credit if they choose to charge their electric vehicle between 9 p.m. to 9 a.m. weekdays and any time on weekends. That's the equivalent of \$0.90 a gallon of gasoline based on \$10 a month bill credit and 1,000 miles of electric driving per month. Customers who wish to participate must sign an EV Off-Peak Charging Agreement.

To participate in the Go Green 100% or Taunton Drives Electric programs, TMLP residential customers must be an account holder of at least 6 months or more and have a zero balance with no arrears. For additional information and eligibility, be sure to check TMLP.com and TMLPDrivesElectric.org.

#### TMLP's Public Power Week Open House was a Huge Success!

Thanks to all TMLP customers and friends who stopped by our annual Public Power Week Open House. It was a great opportunity to see everyone again and celebrate our 125th anniversary with all our customers!

Make sure to check our website and our Facebook page, <a href="mailto:othermatch">othermatch</a>, for pictures and information about any upcoming events!



#### We're Celebrating 125 Years Of Service!

TMLP is celebrating its 125th anniversary as a public power electric utility!

It all started in 1897 when the City of Taunton purchased the Taunton Electric Lighting Company, a company started 15 years earlier by a group of entrepreneurs to generate electricity to illuminate streetlights and incandescent lights in the Main Street/City Square area. Demand for electricity increased as did their debt, and in 1896, the stockholders voted to sell the company.

With the City's purchase, Taunton became one of a growing number of municipal electric companies that were created with the approval of the Massachusetts Legislature. While much has changed since 1897, the basic tenets have remained the same. We're still a public power utility that is owned by its customers in the service area. And that's you!

Public power electric utilities like TMLP are dedicated to delivering the highest level of service and value to customer-owners, and focus on the specific needs of customers, including high reliability and lower rates, as well as local priorities, including new technologies and environmental concerns.

#### So, how are we celebrating?

During the spring, TMLP held an anniversary art contest for fourth grade students in Taunton, Berkley, and Raynham. After learning about electricity, including the importance of green energy, energy conservation, and electrical safety, the students were asked to create a poster that best represents their thoughts about these important issues. From the hundreds of entries submitted, the panel of judges had the hard task of selecting 13 winners. Once the winning posters were selected a special 125th anniversary calendar was created to showcase their talents and most importantly, their thoughts about showcase their talents and most importantly, their thoughts about electricity.

TMLP initiated this contest to not only commemorate its 125th anniversary, but to also increase overall awareness of green energy, carbon free emissions, and energy conservation throughout the communities served by TMLP.

This beautiful and unique calendar was unveiled at the annual Public Power Week Open House with copies presented to the winners and their families.

Congratulations to the winners!

- \* Layla Resendes, Taunton \* Adelaide Lebrón-Malley, Taunton

- Adelaide Lebron-Malley, I Landen Soito, Taunton Caylin Lubold, Berkley Sienna Batten, Taunton Sean Murphy, Raynham Kyla Flaherty, Raynham Yuvtika Mandali, Taunton
- Liam Ring, Berkley
- Cali Lopes, Taunton
- Zachary DeLong, Taunton Lucy Fisher, Berkley
- \* Justin Jackson, Taunton

#### **Batten Down the Hatches and Get Ready for the Colder Weather!**

Now is a great time to get your house or apartment ready for the colder weather.

- \* Check doors and windows for any gaps in caulking or weather stripping and make any necessary repairs now. You'll be
- Take out your window air conditioners. If the weather is unseasonably warm, you'll be able to open the window to take advantage of the unexpected warm air. Remember to close the windows at night when it gets cooler.
- Check the air filter in your furnace. Remember to change or clean them on a regular basis.

Sign up for a Free Home Energy Audit! Call 1-888-772-4242



55 Weir Street, P.O. Box 870 Taunton, MA 02780

**Customer service for electric** customers (508) 824-6976

Outage-related call (508) 824-3111

Administrative offices (508) 824-5844

Dig Safe issue (888) 344-7233

Office hours Monday through Friday 7:30 a.m. until 4:30 p.m.

**Payment locations** 33 Weir Street Our office is open Monday through Friday

**Drop boxes** 33 and 55 Weir Street (to the left of the front door)

Trucchi's Supermarket 53 Tremont Street 534 County Street

**TMLP Online 24-Hour Internet Outage Support** 

508-880-TMLP (8657)

Commissioners Mark Blackwell Sr. **Peter Corr** Timothy Hebert

**General Manager Kimberly Holmes**