



Washington
Electric
CO-OP

FROM WASHINGTON ELECTRIC CO-OP IN PARTNERSHIP WITH EFFICIENCY VERMONT

Join Project PowerShift

Limited time! WEC is recruiting 200 members to participate in an innovative pilot program.

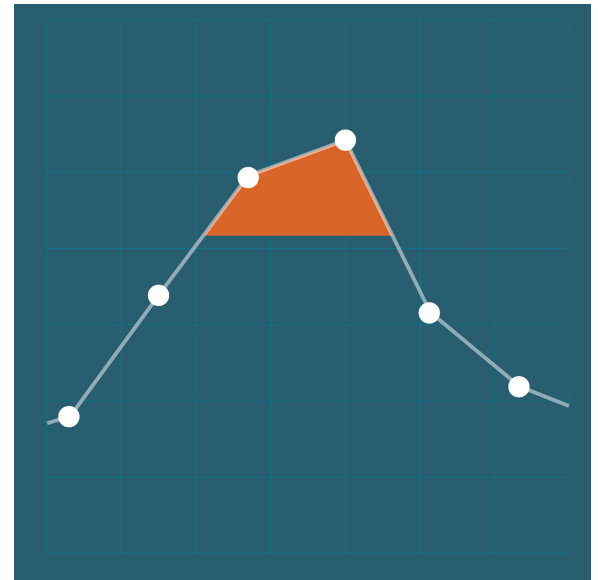


Help us build local energy-storage by harnessing the power of grid-enabled water heaters. Why?

Most electricity is used when we get home and settle into our evening routines (dinner, laundry, TV, etc.). When peak demand is high it causes increased operational costs that can impact electricity rates.

The solution: Your water heater can store energy just like a battery and give it back to the grid when it's needed. **If we can shift electricity use to a different time of day by using grid-enabled water heaters, we can keep future rates lower for everyone.**

Plus! Not only will you help our community save, participating members will also receive a monthly \$5 bill credit.



To qualify for this pilot, members must:

- Use a conventional electric or heat pump water heater (HPWH)
- Have 24/7 wireless internet
- Commit to a two-year time span
- Own their own homes

“We have over \$4 million in peak related costs. If we could shave off 10 percent of these bills that would be significant, and we in turn can pass along those savings to members.”

Patty Richards, WEC General Manager

For more information visit:
efficiencyvermont.com/powershift
or email energycoach@wec.coop.



Frequently Asked Questions

What is a PowerShift event?

During a PowerShift event, WEC will enable your water heater to act like a battery to store energy for when it is needed most. Be part of a 21st century electric grid, working with your member-owned co-op to lower costs for all members and push down our peak demands together by sharing the “storage” capacity available in eligible EHW tanks!

How does it work?

When a PowerShift event is forecasted, a signal is sent to the controls on the water heater to pre-heat water, shifting the energy used to an earlier time period, when energy is less expensive. Because the water in the tank is already pre-heated, the demand for more energy during the event should be much lower.

Does it cost anything to install the device?

The controller and the installation are free to participating co-op members. In some cases, your water heater might already have controls built in, and in other cases, a professionally trained technician will install an advanced control system to your water heater. Members will also have access to a smart phone app that can be used to monitor the performance of their water heaters.

Is this safe for my water heater?

Yes. The advanced controls being used in this demonstration project are commercially available devices, and the use of these advanced controls do not void the warranties of your existing water heater.

Is the bill credit 1-time or is it monthly?

The bill credit is \$5 per month and will be paid throughout the duration of the demonstration as long as the member continues to participate.

Do energy peaks occur daily or does it only happen once in a while?

Energy peaks occur daily, but the costly ones are monthly and annually. Because forecasting these peaks is difficult, WEC will likely call for peak events a few times per month in order to make sure we hit the target.

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