



Putting the *Public* in *Power*.

WHAT WE DO

Since 1979, VPPSA has been providing services and solutions to municipal electric utilities across Vermont. These utilities are locally owned and democratically run, much like a public school or public library. That's why we call them public power utilities.

VPPSA offers a range of services to its member utilities. We provide wholesale power supply, financial support, IT support, rate planning, legislative and regulatory representation, and marketing and communications solutions.

Individually, VPPSA utilities serve anywhere from 600 to 6,000 customers. Combined, the customer base adds up to nearly 30,000. VPPSA enables small public power utilities to offer services comparable to a larger utility.

WHO WE SERVE



- Barton Village**
- Village of Enosburg Falls**
- Town of Hardwick**
- Village of Jacksonville**
- Village of Johnson**
- Ludlow Electric Light Department**
- Lyndonville Electric Department**
- Morrisville Water & Light**
- Northfield Electric Department**
- Village of Orleans**
- Swanton Village**

PUBLIC POWER IS...



Renewable

VPPSA municipals are 59% renewable and 90% carbon free, mostly thanks to local hydropower. We are also developing 10 megawatts solar.



Reliable

In the U.S., public power customers average 1.25 hours without power each year. For-profit utilities average 2.25 hours.



Affordable

Public power utilities operate as non-profits. When electricity costs are lowered, the savings go directly back to the customer!

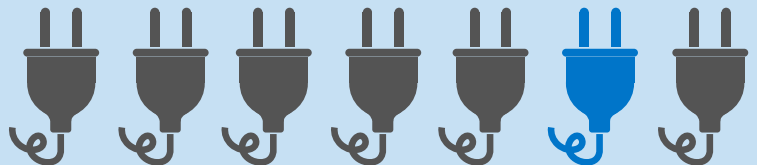


Community Based

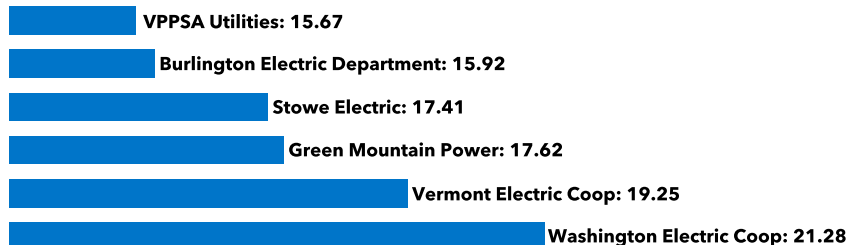
You have the power to change how your utility operates. Meetings are held on a monthly basis and are free and open to the public.

1 in 7

Vermont electricity customers are served by a public power utility.



The most recent available data shows that VPPSA utilities' residential rates (cents/kWh) are the lowest in Vermont.



VPPSA supports Electric Vehicles Contributing to the Transportation Fund

- EV drivers should help fund transportation infrastructure.
- The most efficient, equitable, and cost-effective mechanism for collecting contributions has not been identified.
 - Alternatives to per kWh fees exist for collecting revenue from PEV drivers.
 - Lower cost alternatives could achieve the same outcome.
 - Registration fees, Vehicle Miles Travelled fees, charging fees at public EVSE.
- Implementing a per kWh fee is complex and costly.
 - Integration with utility billing systems is expensive.
 - Accessing third-party data represents an unknown and unbounded cost.
 - *Who will bear implementation costs?*
- A per kWh fee on residential charging is avoidable for PEV drivers.
 - Equity and enforcement concerns.

VPPSA Encourages EV Adoption

- VPPSA member utilities offer rebates for the purchase of PEVs (\$500-\$1400).
- Upfront cost, rather than operating costs, are a barrier to PEV adoption.
- VPPSA opposes cost-shifts between PEV drivers and other ratepayers.

Utility	2017	2018	2019	Total
Barton	0	2	1	3
Enosburg	0	1	0	1
Hardwick	1	5	1	7
Jacksonville	0	0	1	1
Johnson	1	0	1	2
Ludlow	0	0	0	0
Lyndonville	1	7	0	8
Morrisville	0	9	1	10
Northfield	0	2	3	5
Orleans	0	0	0	0
Swanton	0	1	0	1
TOTAL	3	27	8	38

VPPSA Supports Management of EV Charging Load

- Per kWh rates are not necessary to manage PEV loads.
- VPPSA is working to develop a load control pilot through a third-party platform.
 - Would enable direct utility control of load from heat pumps, water heaters, and PEVs in order to manage ratepayer costs.

VPPSA Supports flexibility in EV Rate Design

- Per kWh rates are not necessary to compensate PEV drivers for providing grid services.
 - Monthly credits are a tool for encouraging load control and compensating customers.
- Utilities should be given the flexibility to design rates that allocate costs as closely as practicable to cost causers while recognizing the benefits of simplicity.
- It may not be possible to set a PEV rate low enough to encourage PEV adoption while also covering utility costs.