

May 6, 2020

Deborah Howland
Executive Director
New Hampshire Public Utilities Commission
21 South Fruit Street
Concord, NH 03301

Re: Investigation of Electric Vehicle Rate Design Standards, Electric Vehicle Time of Day Rates for Residential and Commercial Customers

Dear Ms. Howland,

I want to share my comments on the PUC Staff Recommendations dated April 3, 2020. I support the recommendation for residential TOU electric rates to be instituted for not just electric vehicles but also for the whole house.

It can be more efficient to have TOU rates for the EV and the whole house because customers can take advantage by using other appliances in addition to charging the vehicle during off peak times, thereby saving more money. There would be no need for separate meters and the expense related to installing them.

I'll give you a personal real life example. My wife and I have two electric vehicles, a Volt and a Tesla Model 3. Up until Covid-19 struck, requiring us to work from home and our two children to study at home, my wife commuted to Concord in the Model 3 from Kingston 4-5 days a week averaging 125-150 miles a day and I averaged about 80 miles per day in the Volt. We plugged our cars in to charge as soon as we arrived home.

Since we have been sheltering at home, our electric usage has substantially decreased. Our February bill for 1885kWh, totaled \$366 compared to our April bill for 453kWh for \$82. This is more than a 75% reduction, even though our four person family is home all day every day. Despite our increased electricity usage from working from home and having students online remote learning, we rarely are charging the vehicles. The reduction is dramatic.

Just think of the savings we could realize if we had the opportunity for TOU rates. But equally important is the burden we could take off Unitil, our electricity provider, by reducing the demand during on-peak or critical peak times.

TOU rates is a win-win situation. Customers are savvy enough to adapt to seasonal changes, but at the same time I would suggest the utilities be required to do outreach and education as they are in the best position to communicate the benefits to their customers.

I urge you to approve TOU rates that encompass the whole residence as an option for customers who seek to modify their electric consumption in a manner that benefits the grid and allows for cost-savings. Thank you for your consideration.

Richard Russman
Kingston, NH