



PublicService Commission &lt;psc@utah.gov&gt;

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## Schedule 2E EV Time Of Use

1 message

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To: "psc@utah.gov" &lt;psc@utah.gov&gt;

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To whom it may concern,

Will the electric rate schedule 002E be extended beyond 12/31/2021? If not, what is going to replace this time of use electric rate schedule?

This time of use plan has been an excellent option for electric car drivers and for level loading the electric grid by incentivizing charging cars during 'off-peak' periods. It truly is a win-win for the utility company, grid stability and for rate payers.

In my single family, all-electric home, we have shifted the charging of 3 electric cars, HVAC, water heating, laundry and most cooking to 'off-peak' periods. This has reduced our 'on-peak' peak power demand from as high as 31kW to less than 2.4kW. Most days our average "on-peak" power draw is under 400 watts (kids and their computers are the last great challenge at reducing our energy usage :).

Being on this plan has also helped my family to be more mindful of the great resource that electricity is and to further schedule energy intensive activities. For example, even while off-peak, sometimes all 3 electric cars are charging simultaneously (7.6kW + 6.6kW + 3.6kW = 17.8kW). But now I can schedule them to go one at a time through the night, further offsetting our peak power draw.

Are there any considerations being made for time of use plans in general that will better incentivize rate payers to offset the heavy loads like charging electric cars, electric water-heating, laundry, cooking and air conditioning to off-peak periods?

Not having a time of use plan and falling back to charging all 3 electric cars simultaneously (starting at 4pm) seems to be a bad practice for the future reliability of the electric grid. But with no incentive for rate payers, what's to stop them from doing so?

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