

To Whom it May Concern,

I'd like to comment on the amended PURPA regulations under the 2021 Infrastructure and Jobs act.

First of all, I'd like to let you know my qualifications to comment on this matter.

I have a Bachelor's Degree in Electrical Engineering and Mathematics from Carnegie-Mellon University and am a licensed Professional Engineer in the state of Pennsylvania.

I worked for Allegheny Power, an investor-owned utility, for 8 years. Six of those years were in System Operations supporting the Power Control Center. Two of those years were in Generation Planning where I dealt extensively with PURPA projects.

I worked for Westinghouse Nuclear for 3 years which gave me a further understanding of the energy industry.

1. Demand-Response Practices

- a. In General

If you want to promote this and have people VOLUNTARILY participate in the program, that's fine. Use of demand-response practices SHOULD NOT BE MANDATORY for anyone.

- b. Rate Recovery

I don't want to pay for the costs of promoting demand-response and demand flexibility practices. You could include this information as part of your newsletter so that people stay informed without incurring extra costs.

2. Electrical Vehicle Charging Programs

I see electrical vehicles as one big research project. The battery technology is not mature enough to make the use of electrical vehicles practical. If anyone was paying attention, they would understand that the mining of the minerals and the production and disposal of the batteries makes electric vehicles worse for the environment than efficient fossil fuel-powered vehicles. These points are not just my opinion. I receive an engineering newsletter from Carnegie-Mellon where the professors studying these things agree that the technology is not there yet.

If you get forced into providing infrastructure for electrical vehicles, I suggest a billing surcharge for people that actually own them. Another possible issue is that at some point, road taxes are going to have to be collected for electrical vehicles. Is the electrical utility going to be responsible for monitoring charging energy for tax purposes? I feel no obligation to pay for the government's big experiment.

Thank you for considering my comments. I'd be happy to hear from you if you'd like to have a discussion about these matters.

Pamela J Huber