From:	Bruner, Brandon S (PSC) on behalf of PSC Executive Director
To:	
Subject:	RE: Case is 2020-00174, 2020-0302, 2020-00349, & 2020-00350
Date:	Monday, February 22, 2021 9:05:00 AM

Thank you for your comments on the Investigation of Interconnection and Net Metering Guidelines. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2020-00302, in any further correspondence. The documents in this case are available at <u>View Case Filings for: 2020-00302 (ky.gov)</u>.

Thank you for your interest in this matter.

Best Regards,

Brandon Bruner Administrative Branch Manager Filings Branch General Administration

Kentucky Public Service Commission 211 Sower Blvd. Frankfort, KY 40601

From: PSC Public Information Officer <PSC.Info@ky.gov>
Sent: Friday, February 19, 2021 4:17 PM
To: PSC Executive Director <PSCED@ky.gov>
Subject: FW: Case is 2020-00174, 2020-0302, 2020-00349, & 2020-00350

From: Josef WINKLER
Sent: Thursday, February 18, 2021 10:57 AM
To: PSC Public Information Officer <<u>PSC.Info@ky.gov</u>>
Subject: Case is 2020-00174, 2020-0302, 2020-00349, & 2020-00350

Subject: Case is 2020-00174, 2020-0302, 2020-00349, & 2020-00350

Dear PSC Commissioners Schmitt, Chandler & Dr Mathews

Behind the Meter (BTM) generation is a part of the solution:

As I write, there are millions in Texas without power suffering under freezing conditions. It is being reported that it could be days before the generation comes back online. Many have been quick to blame frozen wind turbines even though turbines in Canada, Europe and other northern states are still spinning. As more details emerge it appears that poor preparation and extreme weather will be proven to be the root cause. Frozen equipment will shut you down no matter if it is wind, natural gas, coal, or nuclear. In the end rate payers are forced to suffer without recourse for decisions out of their control, that is not fair or just.

EVs are coming, GM recently announced in 15 years internal combustion engines will no longer be an option. Other automakers have similar plans. EVs are becoming more widespread every day.

EVs take a lot of energy, Is the Kentucky power grid ready? Is there the available capacity? Is the infrastructure in place adequate? What about increased capacity to absorb steep climate-related spikes in demand for power? How close were Kentucky power plants to shutting down during the

latest cold weather? Will we have the same widespread power outages and circular firing squad as we are seeing in Texas?

BTM generation and specifically residential solar can be part of the solution with fair and just Net Metering (NM) policy. EVs connected to a smart grid can smooth out bumps in demand. A Tesla Model S has a 100kWh battery, that's more than enough energy to power my home for days. BTM generation can reduce the loading of lines. BTM generation can decentralize the grid and improve resiliency. BTM generation is a step towards energy independence at an individual level. Solar inverters are now available with emergency power outlets that can produce emergency power even when the grid is down. These benefits as well as environmental and health should be included in any NM ratemaking decisions.

Power companies should be looking to partner with BTM generators as well as customers who own EVs. Regrettably I don't see this, to me it looks like the power companies see BTM generation as a threat and EV owners as profit centers.

Whether we like it, or not big changes are coming for how we generate and use electricity. I am a BTM generator with a solar system grandfathered into the current NM policy and have an EV, so I

am writing with 1st hand knowledge of much of this subject. NM Policy set by the PSC will have impact for years in the future. I encourage the PSC to consider all of the benefits of NM to make a fair and just rate.

Regards,

Josef Winkler

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