

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

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In the matter, on the Commission’s own motion,)	
to open a docket that will be used to collaboratively)	
consider and address issues and concerns related to)	Case No. U-21492
the use and deployment of electric vehicles in a)	
Commission-sponsored technical conference.)	
_____)	

At the October 12, 2023 meeting of the Michigan Public Service Commission in Lansing, Michigan.

PRESENT: Hon. Daniel C. Scripps, Chair
Hon. Katherine L. Peretick, Commissioner
Hon. Alessandra R. Carreon, Commissioner

ORDER COMMENCING A COLLABORATIVE TECHNICAL CONFERENCE

In Case No. U-18368, the Commission collaboratively considered issues related to both the deployment of plug-in electric vehicle (PEV) charging facilities and the use of compressed natural gas as a motor vehicle transportation fuel in Michigan in a Commission-sponsored technical conference, with the last order in that case issued by the Commission in March 2018. PEVs, also known as electric vehicles (EVs), have however been a priority for the Commission both prior to and after actions taken in Case No. U-18368. The Commission, in this regard, offers the following additional context as a summary of efforts and decisions surrounding PEVs/EVs at the Commission over the last five years.

In the February 28, 2017 order in Case No. U-17990 (February 28 order), the Commission provided authority for Consumers Energy Company (Consumers) to increase its rates for the sale

and distribution of electric energy, on a jurisdictional basis, and for other relief. From this order, with the Commission recognizing that significant PEV charging issues were raised in that case and that emerging PEV charging technology would need further study and review, Case No. U-18368 was born. February 28 order, pp. 48-49.

Following the opening of Case No. U-18368 in April 2017, collaborative technical conferences were held at the Commission in August 2017 and February 2018. Thorough summaries of these technical conferences and comments received, along with the Commission's guidance for moving forward with respect to targeted pilot programs designed to further explore issues related to the deployment of PEV charging stations and associated infrastructure, are detailed in the orders issued in that case on October 25, 2017; December 20, 2017; and March 29, 2018.

As a result of the work and efforts in Case No. U-18368, Consumers, DTE Electric Company (DTE Electric), and Indiana Michigan Power Company (I&M) received Commission approval of PEV/EV pilot programs in subsequent cases, boosting Michigan's EV charging infrastructure. *See, e.g.,* Case Nos. U-20134, U-20162, and U-20282. Notably, Consumers' "PowerMIDrive" program, first approved in Case No. U-20134 with subsequent EV program approvals in Case Nos. U-20697, U-20963, and U-21224, originally launched on June 5, 2019, as a three-year voluntary pilot and has now transitioned into a permanent residential EV program based upon lessons learned and customer research. DTE Electric's "Charging Forward" EV pilot program, first approved in Case No. U-20162 in May 2019, has also continued to grow and evolve, with phase two of the utility's EV pilot program approved in Case No. U-20935 in March 2021 and with further EV program approvals in Case Nos. U-20561 and U-20836. Additionally, I&M's first residential PEV tariff was approved in Case No. U-20282 in November 2018, with the utility's

“Plugged In” EV pilot program subsequently approved by the Commission in January 2020 in Case No. U-20359. The Commission’s work in this EV space has also continued via collaborations with industry experts at the state and national levels through participation in the National Association of Regulatory Utility Commissioners’ EV State Working Group, the National Electric Vehicle Infrastructure (NEVI) formula program, the Michigan Council on Future Mobility and Electrification, and the World Resources Institute’s electric school bus initiative.

Considering new issues, concerns, and opportunities that have arisen regarding EVs over the past five years, not only concerning their deployment but also their use in Michigan, the purpose of the instant docket is thus to focus on EVs and related infrastructure—to consider and evaluate these new issues, concerns, and opportunities and provide a roadmap to inform future engagement around transportation electrification (TE) while ensuring equitable access and affordability. The timing for this docket and order is further ripe as EV pilots are ending and the transition to permanent programs is underway.

Towards this end, today the Commission announces a technical conference to address these new issues, concerns, and opportunities around EVs, which will be held via two half-day virtual technical conference sessions on Wednesday, January 24, 2024, and Thursday, January 25, 2024, each session beginning at 1:00 p.m. (Eastern time). The technical conference will focus on the following primary issues, including planned discussion points for multi-stakeholder dialogue:

1. Transitioning from pilots to permanent programs
 - a. Level setting discussion to holistically address and evaluate utility goals in support of TE
 - b. Other state best practices and lessons learned from the transition
2. Managing EV charging to reduce grid impacts
 - a. Reliability focus—electricity needs to be dependable for uptake
 - b. Technology discussion—introducing aggregators (if any)
 - c. Enablers—managed charging, distribution plans, etc.
3. Leveraging the benefits of EV charging to enhance resilience
 - a. Definition of resilience

- b. Resilience and reliability from the customer and grid perspective
- 4. Understanding the appropriate role of the utility in scaling EV charging infrastructure
 - a. Charging station deployment and placement
 - b. Broader context of state plans and state and federal funding opportunities
 - i. State implementation of NEVI formula program funding and other funding sources
 - c. How utilities are using state goals in planning
- 5. Ensuring equity in EV deployment
 - a. Integrating equity considerations into TE planning
 - b. Overcoming split incentives
 - c. Community input opportunities
 - d. Overcoming barriers and underserved communities
 - i. Deployment plan for historically marginalized communities
 - ii. Other opportunities for low-income communities to participate in the EV transition (e.g., public transportation, ride share program, etc.)
- 6. Addressing interconnection barriers of vehicle-to-home (V2H) and vehicle-to-grid (V2G) infrastructure
 - a. Interconnection agreements
 - b. Federal Energy Regulatory Commission (FERC) Order 2222¹
- 7. Evaluating EV tariffs
 - a. Framework on current tariffs
 - b. Rate design
 - c. Discussion of other utilities'/states' best practices

Information on how to participate will be made available in the docket no later than January 10, 2024.

THEREFORE, IT IS ORDERED that the Commission Staff shall convene two half-day technical conference sessions on electric vehicles, as set forth in this order, to be held via video/teleconference on Wednesday, January 24, 2024, and Thursday, January 25, 2024, each session beginning at 1:00 p.m. (Eastern time). Information on how to participate will be made available in this docket no later than January 10, 2024.

¹ Final Rule, Participation of Distributed Energy Resource Aggregations in Markets Operated by Regional Transmission Organizations and Independent System Operators, Docket No. RM18-9-000, 172 FERC ¶ 61,247 (September 17, 2020) (Order 2222).

The Commission reserves jurisdiction and may issue further orders as necessary.

MICHIGAN PUBLIC SERVICE COMMISSION

Daniel C. Scripps, Chair

Katherine L. Peretick, Commissioner

Alessandra R. Carreon, Commissioner

By its action of October 12, 2023.

Lisa Felice, Executive Secretary

PROOF OF SERVICE

STATE OF MICHIGAN)

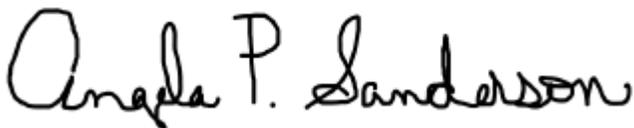
Case No. U-21492

County of Ingham)

Brianna Brown being duly sworn, deposes and says that on October 12, 2023 A.D. she electronically notified the attached list of this **Commission Order via e-mail transmission**, to the persons as shown on the attached service list (Listserv Distribution List).


Brianna Brown

Subscribed and sworn to before me
this 12th day of October 2023.



Angela P. Sanderson
Notary Public, Shiawassee County, Michigan
As acting in Eaton County
My Commission Expires: May 21, 2024

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