



## COMMISSION MEETING MINUTES

Electric Vehicle Product Commission  
Indiana Government Center  
302 W Washington St  
Indianapolis, IN 46204  
Friday, July 8, 2022

1. Pursuant to IC 9-13-3, the Electric Vehicle Product Commission (the Commission) meeting was called to order by Chairman Ben Wrightsman at 9:35 p.m. EST on Friday, July 8, 2022. The meeting was conducted in person and virtually using Microsoft Teams.

a. Commission members physically present at the meeting:

Rep. Mike	Karickhoff	State Representative
Sen. Jim	Buck	State Senator

b. Commission member virtually present at the meeting:

Ben	Wrightsmen	BIC
Danny	Ernstes	UAW
David	Dukes	Stellantis
Craig	Kelle	Toyota
Sen. J.D.	Ford	State Senator
Rep. Carey	Hamilton	State Representative

c. Commission members absent from the meeting:

Paul	Mitchell	Energy Systems Network
Mike	Maten	General Motors

d. The Commission approved the previous meeting minutes.

2. Opening Comments

Ben Wrightsman: I am excited for this meeting because we have a lot of pieces and parts that are coming together. There are hopefully going to be some informative presentations and positive updates.



### 3. Commission Purpose's update:

#### *Purposes 2,3, and 4*

Danny Ernstes: We are still planning on the same dates for our deliverables. Next week, I have a meeting with manufacturers to talk about competencies and gather more data. Next Thursday, Steve Dunlop and I plan to present some initial findings from our research.

#### *Purpose 5*

David Dukes: This group has met several times since the last meeting to work on our presentation. We have been able fit manufacturing lines to make EVs and ICE because the components are relatively similar. One major area of training that workers need is how to handle high voltage components. Transitioned to an EV market will result in significant changes across finance, safety, material & logistics management, quality & customer experience, training & development, and finally environmental & energy sectors.

Craig Kelle: From a Toyota perspective, we have a workforce development program that was created with Indiana academics. We also have the 4T academy. It is a partnership with two colleges, and it started with three Indiana high schools that start with the name T and then Toyota to make the fourth T.

David Dukes: Most of us have been working with academics to create the workforce that we need.

Craig Kelle: In the past 10 years, we (Stellantis, Toyota, and GM) have \$11+ billion total investments in Indiana.

#### *Purpose 7*

Danny Ernstes: I interpret this purpose very broadly; I can see it becoming a depository and a road map. Everyone remembers the auto industry crisis in 2008 and 2009 which resulted in plant closers and many lost jobs. Working with some government entities in Indiana, a group of people created a model to help recovery from the crisis. We had to retrain workers and get them jobs in innovative factories. I share this because it is important to show how people came together to retool workers and keep industry moving forward.



Ben Wrightsman: I appreciate that presentation and it is a keen example based on the numbers it impacted. I view it as a cause the forced us to retool.

Rep. Karickhoff: This not just about plant closures. This is also about long shutdowns that force people out of work for extended periods. There is also an example about an Indiana automotive plant that was transformed to make ventilators.

Ben Wrightsman: I think there are a lot of nuggets that were just shared that will be great to mention in our report. Other examples that come to mind are transforming internal combustion manufacturing lines into hybrid or EV lines.

David Dukes: From a manufacturing standpoint, we have become more agile. While some changes have been forced, they have been very necessary. These changes have made us look into the future, prepare, and innovate.

Ben Wrightsman: We need to mention the major changes, but we should also think about small transformations that do not make the news.

#### *Purposes 6 & 8*

Ben Wrightsman: I ask for everyone's input on this PowerPoint. I tried to sum up what the Commission is. One thing I want to talk about is electrification seeds, this means what do we need to do to grow the EV industry while sustaining the current market demands. We are seeing systems that are very futuristic, we will need workforce, supply chains, and innovation to make grow and create a stable EV industry. This is more than passenger cars, there are many heavy-duty trucks that are being studied and created. We are also thinking about what comes next, this involves the Battery Innovation Center and various academic institutions.

Sen. Buck: Is there anything going on in the recreational boating industry?

Ben Wrightsman: While the Commission's focus is on passenger cars, I will say there is a lot of R&D going into all types of transportation.

#### 4. Legislative Update:

None



5. New Business:

Ben Wrightsman: I want to talk about the proposed operating policy before we vote on it next Thursday. This is meant to formalize current spoken policy so that when the next Chairman takes over it is a smooth transition.

Rep. Karickhoff: I believe there is one conflict within the policy that I have shared with our staff member. I think that there is a simple fix, and this seems standard.

6. Public Comment:

Chris Prauda – Applied Engineering Services

As I was listening to the conversation about boat, I was thinking how does other alternative fuels factor into the report?

Ben Wrightsman: I think that we will mention complementary industries in the report, but the initial report will focus mainly EVs. We definitely want to note that we are not blind to other industries.

Rep. Karickhoff: Based on the law, we have the authority to look at hydrogen and other energy sources.

7. Closing Remarks:

None

8. Scheduling of Future Meetings:

The Commission will meet on Thursday, July 14, 2022, to discuss the research project.

9. Adjournment:

The meeting was adjourned at 11:20 by Chairman Wrightsman.