

JOINT MEETING
ELECTRIFICATION OF TRANSPORTATION INFRASTRUCTURE STEERING
COMMITTEE AND INDUSTRY ADVISORY BOARD
MINUTES

Monday, September 23, 2024, 3:00 p.m. to 5:00 p.m.
University Inn, Utah State University, 650 N 875 E, Logan, UT
Conference Room 507

Electronic participation information

Google Meet: <https://meet.google.com/zga-gnyg-ddd?hs=122&authuser=0>
Phone Number: (US)+1 401-217-2498, PIN: 378 052 562#

PRESENT

Carlos Braceras, Steering Committee Chair,
UDOT Executive Director
Abby Hunsaker, Steering Committee Member,
GOEO UEOC Program Director
Bryce Bird, Steering Committee Member, UDEQ
DAQ Director
David Eckles, Steering Committee Member, IAB
Chair, Merge Electric Fleet Solutions
James Campbell, Steering Committee Member,
RMP Director of Innovation and Sustainability
Jay Fox, Steering Committee Member, UTA
Executive Director
*Alana Jacquez
Anca Matcovschi, ASPIRE Chief
Communications and Marketing Officer
Bartly Mathews, ASPIRE Electrified
Transportation Planning Director
Beth Myers, ASPIRE Assessment Lead
Blake Attaway, RMP, IAB Member
Chris Wilson, State Senator
Dan Sutliff, IAB Member, UVU Aviation

Hal Johnson, UTA Director of Innovative Mobility
Ivonne Santiago, ASPIRE Co-Director
Jennifer Seelig, ASPIRE Director of Government
and Community Affairs
*Julie Bjornstad, WFRC
*Kelbe Goupiel, Utah Clean Energy
Mark Lawver, IAB Member, Stokes Trucking
Matt Gilbertson, IAB Member, Panasonic Smart
Mobility
*Michael Masquelier, ASPIRE Chief Commercial
Officer
Nathan Lee, UDOT Director of Technology and
Innovation
Regan Zane, ASPIRE Engineering Research
Center Director
Sara Shaffer, IAB Coordinator, ASPIRE
Stephen Handy, IAB Vice Chair, Stephen G.
Handy Marketing
Tracy Young, IAB Member, UTA
Travis Kyhl, IAB Member, Six County AOG
Diane Josie, UDOT Executive Assistant

ABSENT

Dusty Monks, UOED

*Indicates virtual participation

The meeting began at 3:05 p.m.

1. WELCOME AND INTRODUCTIONS - Carlos Braceras

Carlos Braceras welcomed everyone and attendees introduced themselves. Regan Zane invited everyone to the event being held later this evening.

2. APPROVAL OF JUNE STEERING COMMITTEE MEETING MINUTES - Carlos Braceras

James Campbell moved to approve the minutes. Abby Hunsaker seconded the motion. All voted in favor.

3. UPDATE ON UTAH ELECTRIFICATION PLANNING EFFORT - Bartly Mathews

- Annual Report
- Report before the Infrastructure and General Government (IGG) Legislative Subcommittee, Tuesday, October 15, 2024, 1:15PM, Utah State Capitol

Bartly Mathews presented the annual report required by the legislature. A lot of work has been done on the report. The report will be presented to the Infrastructure and General Government Appropriations Subcommittee on October 15th at the State Capitol.

The Action Plan illustrates that Utahns are coming together to develop an action plan for the electrification of our transportation system. The Industry Advisory Board (IAB) is engaging the community to pull the plan together.

Action Plan fundamentals include a goal to establish a 3-year cyclical planning process based on 10-year phasing over 30 years. They will look at how to create a system to intelligently communicate with the electrical grid and traffic management systems. We want to make sure we promote steady use of the electrical grid.

Utah is the ideal location to deploy electrified transportation. We have a perfectly sized population and geography on the Wasatch Front Urban population. We have rural communities across the state that are located in varied and rugged terrain with significant energy production. Utah has a thriving tech industry that fosters a culture of innovation. We have a dynamic workforce and educational institutions that foster

knowledge and adaptability. Through this plan, we would like to see Utah be the center for electrification innovation.

The ideal Electrified Transportation System (ETS) is more than just electric vehicles. It includes charging, shared infrastructure, on-site battery storage, utility managed, intelligent systems, in-motion charging, overhead charging, battery electric trainsets, electrified light rail, fast charging stations, electrified light rail, electrified vertiports, fully connected communities.

The vision is to reduce costs to move people and goods, produce superior air quality, show a steady use of clean energy on the electrical grid, increased job growth, and enhanced quality of life for Utah.

Bartly said this is a sampler of the information that will be taken to the legislature in October. Carlos said this took a lot of work and Governor Cox is very excited about this effort. We are very focused on providing this well thought out plan to the legislature.

4. FISCAL YEAR 2025 BUDGET PROPOSAL AND APPROVAL BY VOTE - Carlos Braceras

Carlos Braceras said the Steering Committee needs to take action on this item.

Bartly Mathews provided a summary of the FY2024 budget. We are carrying forward a similar budget from FY2024. Some of the items were slightly different. He presented the 2025 budget proposal.

Personnel	\$1,268,000
Contract Services	\$685,000
Materials and Other	\$77,000
Travel	\$70,000
TOTAL	\$2,100,000

Bartly recapped the money spent in the 2024 budget.

James Campbell asked if the budget from 2024 carried over to 2025. Carlos said we are essentially approving the bottom line. The state fiscal year is July 1 through June 30.

James Campbell moved to approve the budget as presented. Bryce Bird seconded the motion. No discussion. All voted in favor.

Carlos said the FY26 budget will need to be approved in June 2025. Bartly anticipates a meeting will be held in June to review the FY26 budget.

5. INDUSTRY ADVISORY BOARD (IAB) UPDATE - David Eckles

David Eckles said they have two new members they are welcoming to the IAB. There are two open positions on the Board. If you know of anyone who should be involved, please let the IAB know so they can continue outreach.

Looking to 2025, they are focusing on strategic objectives including goals, steps, and metrics. They are looking at ways the IAB can be of service.

David said the IAB would like the Steering Committee to provide specific areas, questions, or topics they would like the IAB to focus on. Get input early in the year. This will be an agenda item for the next Steering Committee meeting.

They are asking each of the IAB teams to respond to the goals and objectives relative to their subject matter areas. Related to those requests, taking those and tasking each of the teams related to their subject matter expertise. They need to have cohesion around the goals.

He talked about preparing for the 2034 Winter Olympics including transportation, air quality and downtown Salt Lake City redevelopment. David asked what would be the most impactful and significant things that can be done in preparation for the Olympics.

Bartly said as they looked at the IAB, the visual that came to his mind was the Western Electric Coordinating Council (WECC). He feels like the IAB is composed of external subject matter experts. They will take the work product from the IAB committees and

compile it into the annual report. The IAB would meet a month in advance of the Steering Committee meeting. Carlos said we could have more informal conversations rather than wait for meetings.

Bryce Bird said a lot of projects are being funded. Is the IAB keeping a clearing house of self-funded and publicly-funded projects where someone who is thinking about applying could go for information? IAB is not, but Bartly said the Center is working on that. They tried to highlight that in the annual report. They are working to get a website with the information.

6. BRIEF COMMENTS ON UTAH ELECTRIFICATION PLANNING & PROJECTS

UDOT

Nathan Lee presented the UDOT program. He provided information for the NEVI program. There were some goals in Phase I that needed to be completed. He talked about 14 projects. Once the Phase I projects are completed, we can move into other funds.

He mentioned the Moab project that opened in June. There is good use of the charging stations in Moab.

He talked about the Reliability and Accessibility Accelerator (RAA) grant. The money can be used to help update systems. The start date is May 2024 with 12-18 months to complete.

Legislation set a fee structure to charge fees on fast DC charges at state-owned chargers at state facilities. Last month UDOT implemented charging fees. He listed some of the reasons for charging for the fast DC chargers.

ROCKY MOUNTAIN POWER

No report.

DIVISION OF AIR QUALITY

Bryce Bird provided an update from a couple of the items in the summary document. They received grant money for some projects. They are developing a comprehensive plan based on the initial plan. They have hired some employees for the new program.

Bryce mentioned that they developed their comprehensive plan and they are working on funding for that as well.

OFFICE OF ENERGY DEVELOPMENT

No report.

GOVERNOR'S OFFICE OF ECONOMIC OPPORTUNITY

Abby Hunsaker said they have had a variety of items come up. They have more opportunity for energy storage, expanding more types of copper used in solar panels, and additional critical minerals.

UTAH TRANSIT AUTHORITY

Jay Fox said they have received several awards. He talked about the TRAX modernization program and a new Orange Line. This will provide 7.5 minute service to various locations. Ridership is up this year. 5600 West will have express bus service connecting to the airport.

ASPIRE

Bartly Mathews introduced Mike Masquelier. Mike said they submitted a proposal on behalf of UDOT to FHWA. Total request is \$80M. If they win, they will submit a formal RFP to build a heavy duty charging structure in Utah. This grant is specifically focusing on the opportunity for medium and heavy duty freight and fleets. The Joint Office of Energy and Transportation designate areas in Utah as phase 1 hubs in the nation for electrification. Phase 2 intent is to connect I-80 coast to coast. Similarly with I-15.

Bartly said the Falcon truck is available this afternoon. It uses the 1 megawatt static wireless chargers. All the permitting is done with Salt Lake City to install the same charger at the Inland Port. They anticipate the charger will be installed at the end of October. The truck will be able to charge within 30 minutes or less, pick up double UPS trailers and deliver a load to Logan. There will be a 1 megawatt charger available at the

ASPIRE center. It will give the opportunity to test in all season conditions. It won't be deployed with UPS until January.

He talked about the two quarter mile of electrified roads leading into the intermodal hub. One will be installed in spring. A second will be installed later.

WASATCH FRONT REGIONAL COUNCIL

Julie Bjornstad said they have been gathering data for ASPIRE and their partners. They are thinking about how to better coordinate. Bartly said WFRC has been a great resource to their technical team for planning. The information helps them understand the concerns regarding electrification of transportation. The survey results are available online.

7. OTHER ITEMS/ADJOURN - Carlos Braceras

An IAB meeting is December 3. The next Steering Committee meeting will be scheduled for January 2025 prior to the general legislative session.

The meeting adjourned at 4:32 p.m.