

ASCE May Meeting Minutes

Speaker: Tami Alexander – Alternative Fuels Program Manager
Topic: KDOT EV Charging Plan
Date: Wednesday, May 1st, 2024
Location: Wichita Advanced Learning Library
711 W 2nd St N
Wichita, KS 67203

President Caleb Coltrane called the meeting to order at 12:00 pm and opened with announcements.

Announcements

- ASCE's Steak Fry will be June 13th at Botanica.
- Sponsorships are available and several have been filled for the Steak Fry
- Kansas CE Conference will be August 15th.
- Voting for Wichita's ASCE Board will be conducted at the end of the meeting.

President Caleb Coltrane introduced the speaker, Tami Alexander. Tami is the Alternative Fuels Program Manager working for the Kansas Department of Transportation.

Presentation Notes

Common Charging Infrastructure terminology are station location, a site with one or more EVSE ports at the same address, EVSE port, provides power to charge one vehicle, Connector (aka Plug), plugs into a vehicle to charge. Level 1 Charging, charges about 5 miles of range per hour of charging, common for homes which is over 80% of where the charging comes from and less than 2% of public charging. Level 2 Charging, charges about 25 miles of range per hour of charging, usually found at home, workplace, business fleet, and community public charging and is over 80% of public charging ports. DC Fast Charging, about 100 to over 200 miles of range per 30 minutes of charging, typically found on highways and some public community charging, over 15% of public charging ports.

EV Programs Administered by KDOT to help fund the EV Charging Plan include, Congestion Mitigation & Air Quality (CMAQ) Improvement Program, National Electric Vehicle Infrastructure (NEVI) Formula Program, and Carbon Reduction Program (CRP). The NEVI Formula Funds include



\$39.5 million allocated to Kansas over 5 year to fund EV infrastructure. The initial funding limited to designated EV corridors, which must be fully built out before funding can be used in other areas. The funding requires a 20% local cash match. There are several designated EV Charging Corridors identified through Kansas. Currently, the only ready EV corridor exists on I-70 from Topeka to Kansas City. Several existing DC Fast Charging Stations are in Kansas along highways. There are more NEVI Stations, DC Fast Charging Stations, coming to Kansas. Stations coming soon are in Garden City, Pratt, Emporia, Fredonia, and Cherokee, 4 of the 5 will be on the US-54/400 corridor which currently have none through Kansas. A round 2 for NEVI Funding will be happening soon and include many more target locations. After Round 2 is completed, Charge UP Kansas NEVI Plan will be updated and NEVI Round 3 will be performed before planning for off-corridor charging will begin.

The other forms of funding are Carbon Reduction Program (CRP) and additional EV funding from the Bipartisan Infrastructure Law (BIL). CRP gains funding for community charging locations that are not eligible for NEVI funding. This funding is open to local governments, non-profits, and educational institutions and it is distributed by population size. The additional EV Funding in BIL includes programs like Charging & Fueling Infrastructure (CFI) Grant Program, Clean School Bus Funding, and others.

Tami concluded the presentation and opened the floor for questions.

Voting for the ASCE’s Wichita Boards members was conducted.

Meeting Attendees

1	Tami	Alexander	21	Abdul	Hamada
2	Michael	Armour	22	Matthew	Haug
3	Eric	Armstrong	23	John	Heinz
4	Debra	Ary	24	Wyatt	Hessman
5	Allison	Atkinson	25	Sadiksha	Katwal
6	Greg	Baalman	26	Kyle	Kerns
7	Absalom	Bernal	27	Derek	Kratzer
8	Scott	Bernhardt	28	Scott	Lindebak
9	Sangeeta	Bhattacharjee	29	Dmitry	Lomachenko
10	Chris	Bohm	30	Ky	Louanghaksaphone
11	Don	Bosken	31	Dakota	McKee
12	Christopher	Casebeer	32	Daniel	Mealiff
13	Paul	Cater	33	John	Oswald
14	Caleb	Coltrane	34	Bahrooz	Raja
15	Colin	Costley	35	Garrett	Reed
16	Jacob	Crowell	36	Jessica	Rhein
17	Macee	Crowell	37	Larry	Schaller
18	Daniela	Gonzalez	38	Jessica	Slavik
19	Paul	Gunzelman	39	Reagen	Snow
20	Derek	Hake	40	Lukas	Vohs



Meeting adjourned by President Caleb Coltrane at 12:50 p.m.

Minutes respectfully submitted by Secretary Dakota McKee.



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