



## Indiana Volkswagen Environmental Mitigation Trust Fund Committee Meeting

Thursday, May 20, 2021  
10:00 a.m.

**Link to Event:** <https://zoom.us/j/95811700455?pwd=Qk8zOXR4dWJiSU9NO3piNmFmc3B5QT09&from=addon>

- I. Welcome - Chair, Beverly Gard
- II. Call to Order - Chair, Beverly Gard
  - A. Overview of virtual meeting format (IDEM Media Staff)
- III. Ongoing project Implementation and Round 3 Onroad-Nonroad RFP
  - A. Status Report - IDEM
- IV. Statewide Electric Vehicle DC Fast Network
  - A. Overview of Applications and Scoring – IDEM
  - B. Award Recommendations – IDEM
  - C. Committee Discussion
  - D. Committee Action
- V. 2021 In Perspective
  - A. Schedule of Milestones - IDEM
  - B. Preliminary Meeting Schedule - IDEM
- VI. Public comment – Open question and comment period for stakeholders
- VII. Closing remarks – Chair, Beverly Gard
- VIII. Adjournment



# Indiana Volkswagen Environmental Mitigation Trust Program

*Previous Diesel Project Rounds Update,  
Statewide DC Fast Review and Recommendation,  
and Program Next Steps*

May 20, 2021



# Rounds 1 & 2 Onroad-Nonroad/DERA Option Projects Update

# Rounds 1 & 2 Onroad and Nonroad/DERA Option Project Implementation

- 62 projects awarded
  - Six electric school bus projects: 3 complete and 3 on schedule
  - 23 nonelectric school bus projects: 14 complete and 9 on schedule (five diesel, 17 propane)
  - 16 nonroad equipment and vehicles: four complete and 12 on schedule (seven diesel, one CNG, seven electric, one diesel-hydraulic hybrid)
  - Five transit bus projects: one complete and 4 on schedule (two CNG, three electric)
    - CNG project is complete
    - Electric projects progressing, but delayed
  - Eight short haul/drayage projects: four complete and four on schedule (four diesel, three CNG, one electric)
  - Four refuse hauler projects: one complete, one terminated by Grantee and two on schedule (All CNG)
- Total vehicles funded: 302
- Total project costs: \$71,244,757
- Total Indiana VW award support: \$19,352,285



# EV Charging Network Final Four Overview

# Key Clarifying Questions Asked of Applicants

The list below is not all-inclusive but does represent the key requests made to create a more ‘apples to apples’ review process.

- If funding allowed, would/could you expand beyond sites included in original application to fill in gaps?
- Provide specific site address and site plans for each location.
- Provide clear description of amenities within short walking distance.
- Will this site be future-proofed for expansion and/or higher kW needs?
- Provide a detailed line-item budget for each location.

# Quantifiable Scoring Criteria

- **Cost effectiveness (25)** – VW cost per charging station
- **Sustainability (20)** – How likely is the charging station to continue serving the public beyond 5-year requirement
- **Compliments other programs or is a stand-alone statewide program (20)** – Fits in the gaps or covers entire state
- **Leveraging of funds (15)** – Funding level at or above required minimum
- **Project readiness (10)** – How soon can the ground be broken, and the station constructed
- **Quality of site marketing and nearby amenities (10)** – Is site location highly visible and/or are there desirable amenities nearby

# ZEF Energy Highlights

Score: 62.5 out of 100

- Scored well in Cost effectiveness, Sustainability, and Statewide Program
- Scored in mid or lower points range in three other categories

Qualitative considerations

- 40 (from 38) locations across Indiana managed through a single contact
- Cost per location in VW-funds at \$135,916
- Geographic distribution covers most major Indiana priority roadways
- No specific site locations provided, only roadway intersections
- ZEF business model is for utility companies to be equipment owners (90% of current site locations are utility-owned)
  - It should be noted that Indiana Utility Group is a direct application for funding from the program



# Opt4EV/ChargeLab Highlights

Score: 75 out of 100

- Scored well in Cost effectiveness, Statewide Program, Project Readiness
- Scored in mid or lower points range in three other categories

Qualitative considerations

- 37 (from 18) locations across Indiana managed through a single contact
- Cost per location in VW funds at \$143,782
- Site locations are specific and include addresses
- Program leans heavily on a single site-host partner and if that partnership fails, the overall program could suffer
- Geographic distribution covers much of Indiana priority roadways, but has notable gaps on I-65 North and South as well as a lack of locations in Northeastern Indiana.

# Project Plug-IN Highlights

Score: 85 out of 100

- Scored well in Sustainability, Statewide Program, Project Readiness, and Quality of Marketing and Amenities
- Scored in mid or lower points range in two other categories

Qualitative considerations

- Applicant is Indiana business (South Shore Clean Cities)
- 34 (from 23) locations across Indiana managed through a single contact
- Cost per location in VW funds at \$160,000
- Geographic distribution covers most major Indiana priority roadways
- Site locations are specific and include addresses
- Program includes a strong focus on statewide education and outreach on EV infrastructure uses, locations, best practices, along with EV ownership education and marketing component

# Indiana Utility Group Highlights

Score: 97.5 out of 100

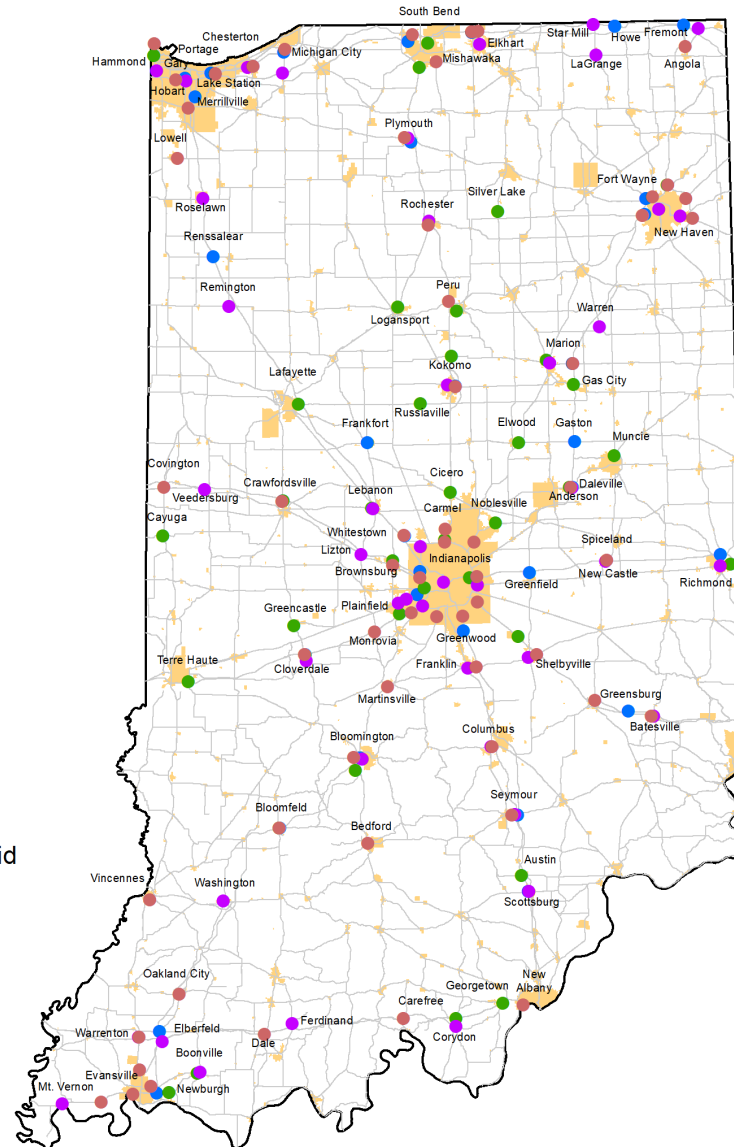
- Scored well in all categories of Cost-effectiveness, Sustainability, Statewide Program, Leveraging, Project Readiness, and Quality of Marketing and Amenities

## Qualitative considerations

- Applicant is cooperative effort of eight Indiana utilities
- 61 (from 62) locations across Indiana managed through multiple contacts
- Cost per location in VW funds at \$90,738
- Geographic distribution covers most major Indiana priority roadways
- Site locations are specific and include addresses
- Some site locations might be a bit duplicative; IUG expressed in their application a willingness to work with IDEM on final site selection
- Program is by far the lowest cost per location in VW funds
- Most notable improvement in details provided from initial application to Final Four clarification request

# Indiana Volkswagen DC Fast Electric Vehicle Charging Station Final Four (May 2021)

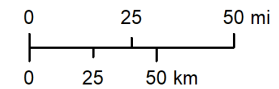
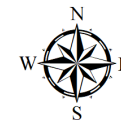
- OPT4EV/ChargeLab
- ZEF Energy
- Project Plug-IN
- Indiana Utility Group
- Highways
- City/Town



**Notes:**

This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

**Mapped By:** C. Mitchell,  
Office of Air Quality  
**Date:** 05/13/2021  
**Map Projection:** UTM Zone 16 N  
**Map Datum:** NAD83



# IDEM Recommendations

A great opportunity to capitalize on the key strengths of nine Indiana businesses exists.

## DC Fast recommendation

- Award the total amount of \$5,535,000 to the Indiana Utility Group for the installation of no less than 61 DC Fast charging stations

## DC Fast rational

- Indiana Utility Group provides the greatest number of stations across Indiana at the lowest price per station
- Indiana utility providers have a long-term investment in the success of EV charging stations
- Indiana utility providers have built an 8-member cooperative to share best practices and will work together for a successful statewide program

And...

# IDEM Recommendations

## Education and outreach recommendation

- Award Project Plug-IN, through the applicant sponsor South Shore Clean Cities, a statewide education, outreach, and marketing program that will work cooperatively with L2 and DC Fast site hosts and IUG, along with Indiana EV owners, to improve Indiana's Statewide EV Charging Network Program overall
  - IDEM has ample funding available in our Administrative Expenditures allocation to cover this program
  - After requesting a detailed scope of work and proposed budget, a formal request for approval from the VW Committee will be made at the July meeting

## Education and outreach rational

- Project Plug-IN was the second-highest scoring application with a strong focus on augmenting their EV charging network plans with education and outreach
- South Shore Clean Cities was recently selected through a competitive process to be Indiana's only Department of Energy designated Clean Cities coalition
- As a Clean Cities coalition, the partnerships and tools available to South Shore Clean Cities and the Project Plug-IN program can dramatically improve Indiana's success in this rollout as well as future funding for additional EV-related federally funded programs



# IDEM DC Fast: Education, Outreach and Marketing Recommendations Discussion and Committee Action



# 2021 in Perspective





## 2021 Schedule of Milestones

Milestone	Estimated Completion	Volkswagen Committee Involvement
DC Fast recommendation	May 2021	Review and/or Approve
Round 3 Onroad and Nonroad RFP deadline	June 2021	NA
Round 3 Onroad and Nonroad awards announced	July 2021	Review and/or Approve
Statewide EV Education and Outreach recommendation	July 2021	Review and/or Approve
Round 3 DERA Option RFP posted (60 days)	September 2021	NA
Round 3 DERA Option RFP deadline	November 2021	NA
Round 3 DERA Option awards announced	December 2021	Review and/or Approve



# 2021 Preliminary Meeting Schedule

Related Program	Potential Meeting Date	Volkswagen Committee Involvement
DC Fast awards recommendation	May 2021	Review and/or Approve
Round 3 Onroad and Nonroad awards announced	July 2021	Review and/or Approve
Statewide EV Education and Outreach recommendation	July 2021	Review and/or Approve
Round 3 DERA Option awards announced	December 2021	Review and/or Approve



# Opportunity for Committee to Seek Input or Public Comments from Attendees



## For More Information

**Indiana Volkswagen Mitigation Trust Program website:**

[www.idem.IN.gov/vwtrust](http://www.idem.IN.gov/vwtrust)

**For program assistance:**

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