

# Indiana Volkswagen Environmental Mitigation Trust Fund Committee Meeting

Wednesday, August 19, 2020  
10:00 a.m.

## Virtual Meeting

- I. Welcome - Chair, Beverly Gard
- II. Call to Order - Chair, Beverly Gard
  - A. Overview of virtual meeting format (IDEM Media Staff)
- III. Round 1 Onroad-Nonroad Project Implementation/DERA Option
  - A. Status Report - IDEM
- IV. Electric Charging Infrastructure Request for Proposals
  - A. Status Report – IDEM
- V. Round 2 Onroad-Nonroad Applications
  - A. Overview – IDEM
  - B. Award Recommendations – IDEM
  - C. Public comment – Open Q/A Specific to Round 2 Considerations
- VI. Round 2 Onroad-Nonroad Project Selection
  - A. Committee Discussion
  - B. Committee Action
- VII. 2020 In Perspective
  - A. Schedule of Milestones - IDEM
  - B. Preliminary Meeting Schedule - IDEM
- VIII. Public comment – Open question and comment period for stakeholders
- IX. Closing remarks – Chair, Beverly Gard
- X. Adjournment



# Indiana Volkswagen Environmental Mitigation Trust Program

*Program Updates and Round 2 Onroad and  
Nonroad Applications, Considerations,  
Recommendations,  
and Program Next Steps*

**August 19, 2020**



# Round 1

# Onroad/Nonroad and DERA Option Update



# Round 1 Notable Updates

Applicant	Project County	Project Type	Current Status
Lake Station Community Schools	Lake	Diesel to Propane School Buses	Propane school buses have been ordered and should be delivered by December 2020
MM (Mulzer) Transportation	Spencer	Diesel to Clean Diesel Tugboat Engine Replacement	1-Year Funding Agreement extension being developed
Magnum Logistics	Hendricks	Diesel to Electric Delivery Truck	Award formally declined by Magnum due to contract not being renewed
United Airlines	Marion	Diesel to Electric Airport Ground Service Equipment	1-Year Funding Agreement extension being developed
Walt's Drive-A-Way Services	Vanderburgh	Diesel to Compressed Natural Gas Delivery Trucks	Award formally declined by Walt's due to inability to justify costs and business case support
Citilink Transit (Fort Wayne)	Allen	Diesel to Electric Transit Bus	Communication of rescinding of funds sent on June 4 <sup>th</sup> – no response from Citilink
Omada Worldwide Expedite	Hendricks	Diesel to Electric Delivery Trucks	Omada chose to expand their scope at no additional cost from 1 to 3 electric delivery trucks
Ruan Transport Corporation	Allen (now)	Diesel to Electric Terminal Truck	Grantee reviewing updated funding agreement



# **Electric Vehicle Charging Stations Request for Proposals Update**

# EV Charging Network Notable Updates

- Statewide Charging Network Request for Proposals (RFP) was posted on July 15
- Dozens of good questions have been raised since the posting of the RFP
- Frequently asked questions (FAQs) document posted on July 28 in response to questions posed to that date
- Over a dozen more good questions are ready to post in an upcoming FAQs document
- Some example questions raised to date:
  - Can a 3<sup>rd</sup> party assume the applicant role?
  - Does IDEM or the state have a preferred technology vendor?
  - Can reimbursements be requested prior to project completion?
  - Will the program fund equipment not publicly available?
  - How long must we own the equipment?
  - For Level 2 locations, do I have to install two (2) connectors?
  - Can we use this program to pay for our electric school bus charging?



# Round 2

# Onroad-Nonroad Applications

# Overview of Applications and Quantitative Scoring

- COVID-19 economics impacted the number and overall quality of applications received in Round 2
- 31 applications received
  - 3 electric school bus applications for 5 buses
  - 14 nonelectric school bus applications for 137 buses
  - 13 onroad vehicle applications for 56 vehicles
  - 1 nonroad equipment and vehicle application for 30 pieces of ground support equipment
- Each application reviewed for eligibility
  - 3 onroad applications were found ineligible
  - 1 nonroad application was found ineligible
- Eligible applications were broken down into 3 groups (electric school bus, nonelectric school bus, and onroad vehicles) for scoring comparisons
- Each application's cost effectiveness and total NOx emission reductions were calculated using U.S. EPA's Diesel Emission Quantifier
- Each application was scored using VW Committee-approved criteria 8



# Qualitative Considerations of Eligible Applications

- Geographic balance
  - Reasonable statewide distribution of applicants (lacking Southwest Indiana)
- NOx reductions in areas of air quality concern and sensitive populations
  - Majority of projects are in areas with larger air quality concern and sensitive populations
- Fuel-type balance in 194 vehicles/engines
  - 19 diesel, 37 compressed natural gas (CNG), 123 liquefied petroleum gas (Propane), 14 all-electric
- Vehicle type balance
  - School bus, transit bus, refuse hauler and municipal trucks

# General Award Considerations

- A cap of \$800,000 per award was applied due to the lower than expected number of applications received and the desire to retain funds for high quality projects in later rounds
- Nonroad funding group received 1 application, but was found ineligible
- Electric school buses, nonelectric school buses, and onroad vehicles were underfunded for the limited applications received
- Overall, IDEM received eligible applications totaling \$12.5 million for the \$9.83 million allocated to Round 2
- Options presented in the following slides are not meant to imply other options do not exist
- The average total score for all eligible applications was used to determine where to draw the line for funding recommendations for Round 2 (average was 62)



# Electric School Bus Considerations and Award Recommendation

Electric School Bus Funding Available = \$850,000

Electric School Bus Only Projects = \$1,602,869

Applicant	Project County	Project Fuel Type	Number of Vehicles Recommended	VW Request	Recommended Award	Total Evaluation Scores
Monroe Schools	Monroe	Electric	2	\$983,904	\$535,253	71
Crown Point Schools	Lake	Electric	1	\$314,747	\$314,747	70
Delphi Schools	Carroll	Electric	1	\$304,217		50
			<b>4</b>	<b>\$1,602,869</b>	<b>\$850,000</b>	

- Recommending Monroe County and Crown Point Schools for award based on above average scores
- If Monroe County can accommodate an award of \$535,253 for two (2) electric school buses, proceed as above; if not, award Monroe County \$327,968 for one (1) bus and roll remaining \$207,285 to Round 3



# Nonelectric School Bus Considerations and Award Recommendation

Nonelectric School Bus Funding Available = \$1,990,000

Nonelectric School Bus Only Projects = \$4,062,654

Applicant	Project County	Project Fuel Type	Number of Vehicles Recommended	VW Request	Recommended Award	Total Evaluation Scores
Lawrence Schools	Marion	Propane	10	\$697,098	\$303,086	83
Hammond Schools	Lake	Propane	10	\$488,816	\$325,877	81
Clark County Schools	Clark	Propane	8	\$224,690	\$224,690	72
Wayne Schools	Marion	Propane	10	\$431,436	\$308,169	72
Michigan City Schools	LaPorte	Propane	8	\$224,653	\$224,653	70
Wa-Nee Schools	St. Joseph	Propane	6	\$175,632	\$175,632	70
Warren Schools	Marion	Propane	10	\$276,858	\$276,858	69
Lake Central Schools	Lake	Propane	10	\$298,004	\$298,004	65
New Albany Schools	Floyd	Propane	4	\$130,705	\$130,705	63
Penn Harris Schools	St. Joseph	Diesel	10	\$382,243	\$294,033	63
Lakeland Schools	LaGrange	Propane	3	\$98,255		58
Danville Schools	Hendricks	Propane	8	\$229,618		49
Zionsville Schools	Boone	Propane	14	\$380,072		48
Clarksville Schools	Clark	Diesel	1	\$24,574		41
			<b>112</b>	<b>\$4,062,654</b>	<b>\$2,561,707</b>	

# Nonelectric School Bus Considerations and Award Recommendation (cont.)

## Considerations and Recommendations from Previous Slide:

- To more equitably spread opportunity for funding, limit the number of buses (not dollars) to 10 per applicant
- Recommending 10 of the 14 applicants for award as they scored above average
- Awarding above average nonelectric school bus projects requires an additional \$571,707 of funding which can be from Round 2 nonroad allotment



# Onroad Vehicles

## Considerations and Award Recommendation

**Onroad Total Funding Available = \$4,260,000**

**Transit Bus Only Project Applications = \$1,308,842**

Applicant	Project County	Project Fuel Type	Number of Vehicles Recommended	VW Request	Recommended Award	Total Evaluation Scores
Transpo (South Bend)	St. Joseph	CNG	6	\$1,565,083	\$800,000	79
Indianapolis International Airport	Marion	Electric	1	\$636,788	\$636,788	69
Ball State University	Delaware	Electric	1	\$672,054		52
			<b>8</b>	<b>\$2,873,925</b>	<b>\$1,436,788</b>	

**Municipal and Delivery Trucks Only Projects = \$3,354,328**

Applicant	Project County	Project Fuel Type	Number of Vehicles Recommended	VW Request	Recommended Award	Total Evaluation Scores
Ozinga	Lake and St. Joseph	CNG	21	\$1,512,767	\$800,000	72
South Bend (City of)	St. Joseph	CNG	2	\$123,272	\$123,272	67
Weetz	Marion	Electric	5	\$836,250		51
Fort Wayne City	Allen	Electric	2	\$882,039		39
			<b>30</b>	<b>\$3,354,328</b>	<b>\$923,272</b>	



# Onroad Vehicles Considerations and Award Recommendation

**Onroad Total Funding Available = \$4,260,000**

**Refuse Hauler Only Projects = \$639,317**

Applicant	Project County	Project Fuel Type	Number of Vehicles Recommended	VW Request	Recommended Award	Total Evaluation Scores
Muncie Sanitary District	Delaware	CNG	2	\$185,000	\$185,000	62
Total Disposal	Lake	Diesel	3	\$271,512		60
Lafayette City	Tippecanoe	Diesel	2	\$182,805		36
			<b>7</b>	<b>\$639,317</b>	<b>\$185,000</b>	

Onroad Considerations from Current and Previous Slides:

- To more equitably spread opportunity for funding, limit the maximum award to \$800,000 per applicant
- Recommending 5 of the 10 applicants for award as they scored at-or-above average
- Awarding above average onroad vehicle projects leaves \$1,714,941 available for quality projects in future rounds hopefully not impacted by COVID-19 economics

# Nonroad Equipment and Vehicles Considerations and Award Recommendation

- One (1) quality application was received for 30 pieces of ground support equipment to transition them from diesel-powered to electric-powered alternatives
  - This project was found ineligible due to a contingent funding requirement and an inability to complete the project by the required date of December 2021
- After borrowing \$571,707 for nonelectric school bus projects as described above, \$2,158,293 will be available for quality projects in future rounds hopefully not impacted by COVID-19 economics





# Round 2 Post-Award Financials

Vehicle Group	Set-aside or Allotment	Requests Received	Recommended Award Amount	Remaining after Recommendations
Electric School Bus	\$850,000	\$1,602,869	\$850,000	\$(0)
Nonelectric School Bus Set-aside	\$1,990,000	\$4,062,654	\$2,561,707	\$(571,707)
Collective Onroad	\$4,260,000	\$6,867,569	\$2,545,060	\$1,714,941
Collective Nonroad	\$2,730,000	\$0.00	\$0.00	\$2,730,000
Total Available	\$9,830,000	\$12,533,092	\$5,956,767	\$3,873,233
				Less Borrowing from Nonroad: \$571,707
				Rolling to Round 3: \$3,301,526



# Round 2 Post-Award Vehicle and Fuel Breakdown

Project Group	Number
Electric school bus	5
Nonelectric school bus	137
Onroad Vehicles	51
Nonroad Vehicles	0
<b>TOTAL</b>	<b>193</b>

Fuel Type	Number
Diesel	19
CNG	37
Propane	123
Electric	14
<b>TOTAL</b>	<b>193</b>

Vehicle Type	Number
School bus	142
Transit Bus	14
Refuse Hauler (Private)	3
Refuse Hauler (Public)	4
Municipal and Delivery	30
<b>TOTAL</b>	<b>193</b>



# **Opportunity for Committee to Seek Input or Clarification from Applicants Present**



# **Committee Discussion and Award Recommendations**



# **Committee Action on Recommended Awards**



# 2020 in Perspective



# 2020 Schedule of Milestones

Milestone	Estimated Completion	Volkswagen Committee Involvement
EV Charging Network RFP (90 days)	Currently Online	NA
Round 2 Onroad and Nonroad awards	Today	Review and/or Approve
EV Charging Network awards announced	October/November 2020	Review and/or Approve
Round 2 DERA Option RFP posted (60 days)	September 2020	NA
Round 2 DERA Option RFP awards announced	December 2020	Review and/or Approve



# 2020 Preliminary Meeting Schedule

Related Program	Potential Meeting Date	Volkswagen Committee Involvement
Round 2 Onroad and Nonroad awards	Today	Review and/or Approve
EV Charging Network awards	October/November 2020	Review and/or Approve
Round 2 DERA Option awards	December 2020	Review and/or Approve





# Public Comments



# 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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