

**STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
FINAL SEMI-ANNUAL REPORT to TRUSTEE**

**SECTION 1: PROJECT INFORMATION**

<b>Semi-Annual Reporting Period:</b>	January 1 - June 30, 2020
<b>Eligible Mitigation Action:</b>	Electric School Bus Replacement - VW Funding Request No. 1
<b>Eligible Mitigation Action Type:</b>	Class 4-8 School Bus Replacement and Administrative Expenditures
<b>Grantees and Project ID:</b>	Cook-Illinois Corp. (2018-004) First Student, Inc. (2018-005)
<b>Eligible Mitigation Action Summary:</b>	Replacement of three Class 7 (engine MY 2000, 2002, and 2007) diesel school buses with three new Class 7 (engine MY 2018 and 2019) all electric school buses owned by Cook-Illinois Corp. and First Student, Inc. Project also includes two charging units and the scrapping of three replaced school buses.
<b>Date of Grant Execution/Start of Project:</b>	Cook-Illinois Corp.: 3/26/2019 First Student, Inc.: 4/3/2019
<b>Project Completion Date:</b>	Cook-Illinois Corp.: 4/14/2020 First Student, Inc.: 6/2/2020

**SECTION 2: ACTUAL PROJECT BUDGET**

<b>Total Amount of VW Grant Award for Electric School Bus Replacement:</b>	
Grant Amount for Cook-Illinois Corp.:	\$715,254.75
Grant Amount for First Student, Inc.:	\$474,146.25
	\$241,108.50
<b>Total Grantee Cost Share Amount:</b>	\$248,418.25
Cost Share for Cook-Illinois Corp.:	\$168,048.75
Cost Share for First Student, Inc.:	\$80,369.50
<b>Total Project Budget for Equipment:</b>	\$963,673.00
<b>Actual VW Grant Percentage of Total Eligible Equipment Costs:</b>	74.2%
<b>Actual Grantee's Cost Share Percentage of Total Eligible Equipment Costs:</b>	25.8%
<b>Total IEPA Administration @2% of VW award:</b>	\$14,305.10
<b>Total VW Award Funding for Eligible Mitigation Action and Administration:</b>	\$729,559.85
<b>Total Project Budget (VW Awards, Grantee Cost Share, Administration):</b>	\$977,978.10

**SECTION 3: FINAL PROJECT COSTS INCURRED, EXPENDED, and FUNDING REQUESTS**

	Total
Project Costs Incurred by Grantees <sup>1</sup>	\$963,673.00
Project Costs Expended by Grantees <sup>2</sup>	\$963,673.00
Total Eligible VW Project Grant Amount	\$715,254.75
2% IEPA Administration Costs	\$14,305.10
<b>Project Costs Requested to be Reimbursed by Trustee via submittal of Funding Request and Direction Forms<sup>3</sup></b>	<b>\$729,559.85</b>

<sup>1</sup> Project costs incurred are those that Grantees have agreed to pay by entering into a contract or other agreement or placing an order

<sup>2</sup> Project costs expended are payments made by Grantees to vendors for the above project costs incurred

<sup>3</sup> Amounts of eligible reimbursement requests submitted by IEPA to Trustee for this project

**SECTION 4: FINAL PROJECT RESULTS**

**1. Description of the final project results in implementing the Eligible Mitigation Action.**

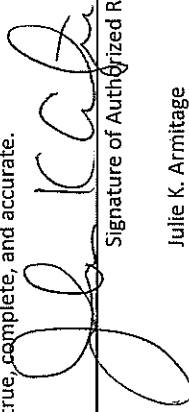
Cook-Illinois Corp. purchased two all-electric school buses and a charging station. This project was completed as planned. First Student, Inc. purchased one all-electric school bus, which included a charging station. This project was under budget as the bus cost less than anticipated and the bus manufacturer included the charging station with the bus purchase, which was not known when the project budget was developed. The three all-electric school buses will begin serving students at the beginning of the new school year, which is anticipated to be in August or September 2020 (subject to COVID-19 impacts). In total, including the grantees' projects and IEPA's administration costs, the reimbursement requests to the Trustee for VW Funding Request No. 1 is \$39,837.64 less than the estimated \$769,397.49 on the submitted Appendix D-4 eligible mitigation action certification.

**2. Actual project completion date for VW Funding Request No. 1:**

Cook-Illinois: March 16, 2020  
First Student: June 2, 2020

**SECTION 5: AUTHORITY TO SUBMIT REPORT**

By signing this report, I certify that I am an official with the authority to submit this report for the State of Illinois, and that to the best of my knowledge and belief, under penalty of perjury, the report is true, complete, and accurate.



Signature of Authorized Representative

Julie K. Armitage

Print Name

7/27/2020

Date

Chief, Bureau of Air

Title

**STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
SEMI-ANNUAL REPORT TO TRUSTEE**

**SECTION 1: PROJECT INFORMATION**

<b>Semi-Annual Reporting Period:</b>	January 1 - June 30, 2020
<b>Eligible Mitigation Action:</b>	Public Transit Bus Replacement - VW Funding Request No. 2
<b>Eligible Mitigation Action Type:</b>	Class 4-8 Transit Bus Replacement and Administrative Expenditures
<b>Grantees and Project ID:</b>	Pace Suburban Bus (2018-001) Chicago Transit Authority (2018-002)
<b>Eligible Mitigation Action Summary:</b>	Replacement of nine Class 8 MY 2002 and 2003 diesel transit buses with six new Class 8 MY 2019 natural gas transit buses owned by Pace Suburban Bus and three new MY 2020 electric transit buses owned by Chicago Transit Authority; scrapping of nine replaced buses.
<b>Date of Grant Execution/Start of Project:</b>	Pace Suburban Bus: 4/3/2019 Chicago Transit Authority: 4/9/2019
<b>Estimated Project Completion Date:</b>	Pace Suburban Bus: 10/31/2020 Chicago Transit Authority: 12/1/2021

**SECTION 2: PROJECT BUDGET**

<b>Total Amount of VW Grant Award for Replacement of Public Transit Buses:</b>	<b>\$4,203,166.50</b>
Grant Amount for Pace Suburban Bus:	\$2,307,690.00
Grant Amount for Chicago Transit Authority:	\$1,895,476.50
<b>Total Grantee Cost Share Amount:</b>	<b>\$1,401,055.50</b>
Cost Share for Pace Suburban Bus:	\$769,230.00
Cost Share for Chicago Transit Authority:	\$631,825.50
<b>Total Project Budget for Equipment:</b>	<b>\$5,604,222.00</b>
<b>VW Grant Percentage of Total Eligible Equipment Costs:</b>	<b>75%</b>
<b>Grantee's Cost Share Percentage of Total Eligible Equipment Costs:</b>	<b>25%</b>
<b>IEPA Administration @2% of VW award:</b>	<b>\$84,063.33</b>
<b>Total VW Award Funding for Eligible Mitigation Action and Administration:</b>	<b>\$4,287,229.83</b>
<b>Total Project Budget (VW Awards, Grantee Cost Share, Administration):</b>	<b>\$5,688,285.33</b>

**SECTION 3: PROJECT COSTS INCURRED, EXPENDED, and FUNDING REQUESTS**

	During this Reporting Period	Cumulative to Date
Project Costs Incurred by Grantees <sup>1</sup>	\$0.00	\$3,251,167.68
Project Costs Expended by Grantees <sup>2</sup>	\$0.00	\$0.00
Project Costs Requested to be Reimbursed by Trustee via submittal of Funding Request and Direction Form <sup>3</sup>	\$0.00	\$0.00

<sup>1</sup> Project costs incurred are those that Grantees have agreed to pay by entering into a contract or other agreement or placing an order

<sup>2</sup> Project costs expended are payments made by Grantees to vendors for the above project costs incurred

<sup>3</sup> Amounts of eligible reimbursement requests submitted by IEPA to Trustee for this project

**SECTION 4: PROJECT DEVELOPMENT and IMPLEMENTATION STATUS**

1. Description of the progress in implementing the Eligible Mitigation Action, including the development, implementation, current status, and any modifications during this reporting period.

Pace Suburban Bus placed the order for the six new natural gas transit buses with manufacturer production starting in April 2020 and anticipated delivery in July 2020. Chicago Transit Authority placed the order for the three new electric buses in November 2019 and finalized the upgrade options for the three buses with Proterra in January 2020. Proterra has scheduled the production of CTA's buses in November 2020. This is a delay in production due to the influx of orders Proterra has received for electric transit buses and due to the pandemic. Proterra has informed CTA that continued COVID-19 impacts on its workforce and supply chain disruptions may cause further delays beyond its control. CTA has informed Illinois EPA that it currently estimates project completion will be delayed by ten months, from February 2021 to December 2021.

2. If project is completed, actual project completion date: N/A

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Signature of Authorized Representative

Julie K. Armitage

Print Name

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Date

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STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
SEMI-ANNUAL REPORT to TRUSTEE

SECTION 1: PROJECT INFORMATION

<b>Semi-Annual Reporting Period:</b>	January 1 - June 30, 2020
<b>Eligible Mitigation Action:</b>	Public Passenger/Commuter Line Haul Locomotive Replacements - VW Funding Request No. 3
<b>Eligible Mitigation Action Type:</b>	DERA Option - Locomotive Replacement
<b>Grantees and Project ID:</b>	Northeast Illinois Regional Commuter Railroad Corp. (Metra) (2018-003)
<b>Eligible Mitigation Action Summary:</b>	Replacement of eight older diesel passenger/commuter locomotives with eight new MY 2021 Tier 4 diesel locomotives; scrapping of eight diesel locomotives.
<b>Date of Grant Execution/Start of Project:</b>	5/14/2019
<b>Estimated Project Completion Date:</b>	3/31/2023

**SECTION 2: PROJECT BUDGET**

Total Amount of VW Grant Award for Replacement of Locomotives:	\$14,000,000.00
Total Grantee Cost Share Amount:	\$42,000,000.00
Total Project Budget for Equipment:	\$56,000,000.00
VW Grant Percentage of Total Eligible Equipment Costs:	25%
Grantee's Cost Share Percentage of Total Eligible Equipment Costs:	75%
IEPA Administration @2% of VW award:	\$280,000.00
Total VW Award Funding for Eligible Mitigation Action and Administration:	\$14,280,000.00
Total Project Budget (VW Awards, Grantee Cost Share, Administration):	\$56,280,000.00

**SECTION 3: PROJECT COSTS INCURRED, EXPENDED, and FUNDING REQUESTS**

	During this Reporting Period	Cumulative to Date
Project Costs Incurred by Grantees <sup>1</sup>	\$0.00	\$0.00
Project Costs Expended by Grantees <sup>2</sup>	\$0.00	\$0.00
Project Costs Requested to be Reimbursed by Trustee via submittal of Funding Request and Direction Form <sup>3</sup>	\$0.00	\$0.00

<sup>1</sup> Project costs incurred are those that Grantees have agreed to pay by entering into a contract or other agreement or placing an order

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**SECTION 4: PROJECT DEVELOPMENT and IMPLEMENTATION STATUS**

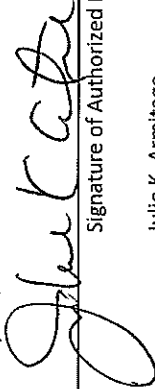
1. Description of the progress in implementing the Eligible Mitigation Action, including the development, implementation, current status, and any modifications during this reporting period.

Metra staff is still working on preparing specifications for the eight locomotives and the requisite bid documents for an upcoming Request for Proposal as part of its procurement process. The process of preparing the specifications for the locomotives has taken longer than anticipated due to Metra's priority to ensure the specifications are written in a way that allows for the procurement of the most beneficial locomotive technology. Metra expects to advertise its Request for Proposal in the fourth quarter of 2020 and enter into a contract by June 2021.

2. If project is completed, actual project completion date: N/A

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Signature of Authorized Representative

Julie K. Armitage

Print Name

7/27/2020  
Date

Chief, Bureau of Air

Title

**STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
SEMI-ANNUAL REPORT TO TRUSTEE**

**SECTION 1: PROJECT INFORMATION**

<b>Semi-Annual Reporting Period:</b>	January 1 - June 30, 2020
<b>Eligible Mitigation Action:</b>	Electric School Bus Replacement - VW Funding Request No. 5
<b>Eligible Mitigation Action Type:</b>	Class 4-8 School Bus Replacement and Administrative Expenditures
<b>Grantees and Project ID:</b>	Triad Community Unit School District #2 (2019-004)
<b>Eligible Mitigation Action Summary:</b>	Replacement of three Class 7 engine model year 2007 diesel school buses with three new Class 6 engine model year 2019 all electric school buses. Project also includes one charging unit and the scrapping of the three replaced school buses.
<b>Date of Grant Execution/Start of Project:</b>	11/18/19
<b>Estimated Project Completion Date:</b>	12/31/20

**SECTION 2: PROJECT BUDGET**

Total Amount of VW Grant Award for Electric School Bus Replacement:	\$650,000.00
Total Grantee Cost Share Amount:	\$366,195.00
Total Project Budget for Equipment:	\$1,016,195.00
VW Grant Percentage of Total Eligible Equipment Costs:	75% for two new buses and one charger; 3rd bus is partially funded
Grantee's Cost Share Percentage of Total Eligible Equipment Costs:	25% for two new buses and one charger; remaining cost of 3rd partially funded bus
IEPA Administration @2% of VW award:	\$13,000.00
Total VW Award Funding for Eligible Mitigation Action and Administration:	\$663,000.00
Total Project Budget (VW Awards, Grantee Cost Share, Administration):	\$1,029,195.00

**SECTION 3: PROJECT COSTS INCURRED, EXPENDED, and FUNDING REQUESTS**

	During this Reporting Period	Cumulative to Date
Project Costs Incurred by Grantees <sup>1</sup>	\$0.00	\$1,024,366.69
Project Costs Expended by Grantees <sup>2</sup>	\$0.00	\$0.00
Project Costs Requested to be Reimbursed by Trustee via submittal of Funding Request and Direction Form <sup>3</sup>	\$0.00	\$0.00

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**SECTION 4: PROJECT DEVELOPMENT and IMPLEMENTATION STATUS**

1. Description of the progress in implementing the Eligible Mitigation Action, including the development, implementation, current status, and any modifications during this reporting period.

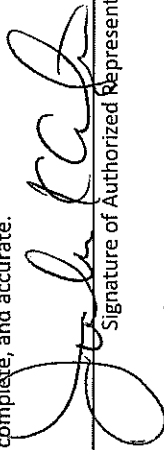
Triad CUSD #2 has ordered the three new all-electric school buses and is waiting for delivery from the manufacturer. The ground work to grade the surface and run the electrical conduit and electrical service to the charging station site at Henning Elementary School is complete. The only remaining work at the site is to install the ground mounted solar array system and charging station with estimated completion in July 2020. The anticipated delivery for the new all-electric school buses has been delayed several months to December 2020. This delay is due to the impacts of the pandemic causing the manufacturer and its suppliers to temporarily halt production and then to reduce its workforce when production resumed.

2. If project is completed, actual project completion date:

N/A

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