

**MINUTES OF THE REGULAR MEETING OF THE
BOARD OF COMMISSIONERS OF
ROCHESTER-GENESEE REGIONAL TRANSPORTATION AUTHORITY
AND ITS SUBSIDIARIES
December 15, 2022**

A. Roll Call and Determination of Quorum

The meeting was called to order at 12:03PM by Chairman Donald Jeffries who determined that a quorum was present in person. Commissioners Jankowski and Kosmerl attended via Zoom.

Present on Roll Call:

➤ County of Monroe	Don Jeffries	=	5 votes
➤ County of Monroe	Terrence Rice	=	5 votes
➤ County of Monroe	Judith Ahlfeld Seil	=	5 votes
➤ City of Rochester	William Ansbro	=	2 votes
City of Rochester	Jerdine Johnson	=	2 votes
➤ City of Rochester	William McDonald	=	2 votes
➤ County of Genesee	Laurie Oltramari	=	2 votes
➤ County of Livingston	Susanne Carlock	=	2 votes
➤ County of Ontario	Brian H. Young	=	3 votes
➤ County of Orleans	James R. Bensley	=	1 vote
➤ County of Seneca	Edward W. White	=	1 vote
County of Wayne	Michael P. Jankowski	=	3 votes
County of Wyoming	Rich Kosmerl	=	1 vote
➤ Amalgamated Transit Union	Jacques Chapman	=	0 votes
Transit Dependent/Disability Community	Heather Bird	=	<u>0 votes</u>

Total Votes Possible 34

Total Votes Present 26

Votes Needed for Quorum 18

Others Present:

Scott Adair, Chief Financial Officer
Tracy Archie, Executive VP of Diversity, Equity, and Inclusion
David Belaskas, Director of Engineering & Facilities Maintenance
Julie Boasi, Director of Service Planning
Ken Boasi, Director of Regional Operations
Tom Brede, Public Information Officer
Bill Carpenter, Chief Executive Officer
Jay Corey, Director of Service Delivery
Daniel DeLaus, General Counsel
Christopher Dobson, VP of Transportation Services
Renee Elwood, Director of Engagement & Well-Being
Amy Gould, Chief People Officer

Krystle Hall, Director of People Performance & Development
Laura Kenyon, Director of Communications & Customer Engagement
Rusty Korth, VP of Zero-Emission Strategies
Chris Mahood, Director of Information Technology
David Masten, Manager of Loss Prevention
Jamie Mott, Director of Paratransit Services
Sharon Muir-Eddy, Director of Budget
Jason Palvino, System Safety Manager
Kelly Parisi, Executive Assistant to the CEO
Janet Snyder, Labor Relations Director
James Stack, Executive Director, GTCS
Miguel Velázquez, Deputy Chief Executive Officer
Enza West, Supervisor of Well-Being & Engagement

B. Adoption of the Agenda

On motion of Commissioner Ansbro, seconded by Commissioner Young, the Agenda was unanimously adopted.

C. Approval of Minutes

On motion of Commissioner McDonald, seconded by Commissioner Young, the following minutes were unanimously approved.

- RGRTA Quarterly Board Meeting Minutes of November 3, 2022
- RGRTA Compensation Committee Meeting Minutes of November 8, 2022

D. CEO Report

Bill Carpenter, Chief Executive Officer, presented the CEO Report which included a presentation by Chris Dobson, VP of Transportation Services on On-Time Performance at RTS Monroe, and a presentation by Daniel DeLaus, General Counsel on RGRTA Public Transportation Agency Safety Plan (PTASP) (The power point presentations are attached to these Minutes).

On motion of Commissioner Rice, seconded by Commissioner McDonald, the CEO Report was accepted by unanimous vote.

E. Financial Report

Scott Adair, Chief Financial Officer, presented the financial report, a copy of which is attached to these Minutes.

On motion of Commissioner White, seconded by Commissioner Carlock, the Financial Report was accepted by unanimous vote.

F. Proposed Resolutions

Resolution Authorizing the Award of a Contract for the Purchase of Hydrogen Fuel Cell Electric 40-Foot Buses, RGRTA 39-2022

Resolution Authorizing the Lease of Hydrogen Mobile Fueling Systems, RGRTA 40-2022

Resolution Authorizing the Utilization of the Low or No Emission Grant Program (Low-No Program) to Purchase Three (3) Hydrogen Fuel Cell Electric 40-Foot Buses and a Mobile Hydrogen Fueling System, RGRTA 41-2022

- *Commissioner Kosmerl stated that he is very happy that we are at the forefront of hydrogen. Commissioner Kosmerl asked what will we be using the vans for. Rusty Korth, VP of Zero-Emission Strategies stated that these hydrogen vans will be deployed at RTS Monroe for On Demand Service.*
- *Commissioner Rice asked what the thought process was on leasing one fueling system and owning the other. Rusty Korth, VP of Zero-Emission Strategies stated that we want to own at least one so that we may deploy at another location once a permanent fueling decision is made. Commissioner Rice asked why the New Flyer Bus is a little cheaper, what is the difference? Rusty Korth, VP of Zero-Emission Strategies stated that some of the drive train components are different, and El Dorado has twice the size tank to hold the hydrogen. Commissioner Rice stated that he likes the fact that we can compare the two manufacturer's buses.*
- *Commissioner Jankowski asked what the safety record is on the hydrogen fuel cell buses. Rusty Korth, VP of Zero-Emission Strategies stated that Orange County Transit has had hydrogen fuel cell buses for the last three years without incident, so the limited real experiences seem to be positive at this time. Commission Jankowski also asked if we have done a full safety assessment as far as the Authority goes. Rusty Korth, VP of Zero-Emission Strategies stated that we have an engineer coming in January to do an assessment of our facilities and find out what needs to be added or changed for the hydrogen buses. Commissioner Jankowski asked if DEC has any jurisdiction over this or is it pretty much free standing. Rusty Korth, VP of Zero-Emission Strategies stated that there are actual New York State fire codes that have jurisdiction over all of it. Commissioner Jankowski asked where the fueling stations will be located. Rusty Korth, VP of Zero-Emission Strategies stated that is one of the first things we will start looking at to make sure it is efficient for our buses, but all will be located at the RTS Monroe campus.*
- *Commissioner McDonald asked how many vehicles each fueling station will fuel. Rusty Korth, VP of Zero-Emission Strategies stated they should each fuel ten buses. Commissioner McDonald asked about the extra money that is left in the grant. Rusty Korth, VP of Zero-Emission Strategies stated that will be used for facilities work to prepare for the fueling stations.*
- *Commissioner Ansbro stated that during the Governance Retreat Rusty provided a presentation on Risk, he asked that Rusty give a summary of that risk. Rusty Korth, VP of*

Zero-Emission Strategies stated that all fuels have a risk associated with them. Hydrogen is the lightest element in the universe so if we have a leak it will go up and dissipate so it makes it actually safer than diesel.

- *Commissioner Rice asked if there is a hydrogen fire would you just wait until the fire goes out. Rusty Korth, VP of Zero-Emission Strategies stated that you could, but it would go out pretty quick, and the buses have valves to shut it down.*
- *Commissioner Bensley asked if this is green hydrogen. Rusty Korth, VP of Zero-Emission Strategies stated that we will issue a separate contract for hydrogen and if that were to be awarded to Plug Power, they have notified us that they will have green hydrogen.*

Resolutions RGRTA 39-2022 through RGRTA 41-2022 were moved on motion of Commissioner Rice, seconded by Commissioner McDonald, the aforementioned Resolutions, a copy of which are attached to these minutes, were unanimously approved.

G. Consent Resolutions

Resolution Approving the Authority's Public Transportation Agency Safety Plan, RGRTA 42-2022

Resolution Authorizing the Purchase of Eight (8) Type IA Buses, RGRTA 43-2022

Resolution Authorizing the Purchase of Thirty-Six (36) Type III Buses, RGRTA 44-2022

Resolution Endorsing a Program of Projects for the Authority's Federal Section 5311 Consolidated Grant Application for Fiscal Years 2022 and 2023, RGRTA 45-2022

Resolution Endorsing the FFY 2023 Program of Projects for the Urbanized Area and Authorizing the Filing of Applications for Capital Assistance with the United States Department of Transportation and New York State Department of Transportation, RGRTA 46-2022

Resolutions RGRTA 42-2022 through RGRTA 46-2022 were moved on motion of Commissioner Young, seconded by Commissioner Seil, the aforementioned Resolutions, copies of which are attached to these minutes, were unanimously approved.

H. Calendar

Bill Carpenter, CEO, stated that we are cancelling the January 5th meeting. Management appreciated the Board flexing the December schedule so that we could do a thorough evaluation of the hydrogen buses and fueling proposals. The next meeting of the full Board will be February 2nd, 2023.

Chairman Jeffries stated that he has an announcement to make. Chairman Jeffries stated the Board met earlier in a Special Board Meeting where we appointed the next Chief Executive

Officer of the Authority, and I am pleased to announce that Miguel Velázquez will be the next CEO of RGRTA and its Subsidiaries.

Chairman Jeffries stated that this will be Bill Carpenter's last Board Meeting as CEO and thanked him on behalf of the Board of Commissioners for the years of service and leadership of the Authority during his tenure. The Chairman then acknowledged each Commissioner to say a few words.

Chairman Jeffries then turned the meeting over to Bill Carpenter for a few comments and Bill asked Miguel Velázquez to join him at the podium to congratulate him on his new position.

I. Adjournment

On motion of Commissioner Ansbro, seconded by Commissioner Young the Regular Board Meeting was adjourned at 1:12PM.

Respectfully submitted,

Jerdine Johnson, Secretary
Posted Date: December 29, 2022



**ROCHESTER
GENESEE REGIONAL
TRANSPORTATION
AUTHORITY**

**REGULAR BOARD MEETING OF RGRTA AND ITS SUBSIDIARIES
THURSDAY, DECEMBER 15, 2022 ♦ 12:00 PM – 2:00 PM
1372 EAST MAIN STREET – BOARD ROOM
ROCHESTER, NY 14609**

A. ROLL CALL AND DETERMINATION OF QUORUM

DONALD JEFFRIES, CHAIRMAN

1. Pledge of Allegiance
2. Adoption of the Agenda

B. APPROVE MINUTES AND ACCEPTANCE OF REPORTS

DONALD JEFFRIES, CHAIRMAN

1. RGRTA Quarterly Board Meeting Minutes of November 3, 2022
2. RGRTA Compensation Committee Meeting Minutes of November 8, 2022

C. CHIEF EXECUTIVE REPORT

BILL CARPENTER, CEO

1. TOPS Highlight
2. Project Highlight
3. Miscellaneous

D. FINANCIAL REPORT

SCOTT ADAIR, CFO

E. PROPOSED RESOLUTIONS

- **RGRTA 39-2022**, Resolution Authorizing the Award of a Contract for the Purchase of Hydrogen Fuel Cell Electric 40-Foot Buses, **Rusty Korth, VP of Zero-Emission Strategies**
- **RGRTA 40-2022**, Resolution Authorizing the Lease of Hydrogen Mobile Fueling Systems, **Rusty Korth, VP of Zero-Emission Strategies**
- **RGRTA 41-2022**, Resolution Authorizing the Utilization of the Low or No Emission Grant Program (Low-No Program) to Purchase Three (3) Hydrogen Fuel Cell Electric 40-Foot Buses and a Mobile Hydrogen Fueling System, **Rusty Korth, VP of Zero-Emission Strategies**

F. CONSENT RESOLUTIONS

- **RGRTA 42-2022**, Resolution Approving the Authority's Public Transportation Agency Safety Plan, **Daniel DeLaus, General Counsel**
- **RGRTA 43-2022**, Resolution Authorizing the Purchase of Eight (8) Type IA Buses, **Rusty Korth, VP of Zero-Emission Strategies**
- **RGRTA 44-2022**, Resolution Authorizing the Purchase of Thirty-Six (36) Type III Buses, **Rusty Korth, VP of Zero-Emission Strategies**
- **RGRTA 45-2022**, Resolution Endorsing a Program of Projects for the Authority's Federal Section 5311 Consolidated Grant Application for Fiscal Years 2022 and 2023, **Scott Adair, Chief Financial Officer**
- **RGRTA 46-2022**, Resolution Endorsing the FFY 2023 Program of Projects for the Urbanized Area and Authorizing the Filing of Applications for Capital Assistance with the United States Department of Transportation and New York State Department of Transportation, **Scott Adair, Chief Financial Officer**

G. CALENDAR

H. ADJOURNMENT

DONALD JEFFRIES, CHAIRMAN

CEO Report

Presented by: Bill Carpenter, CEO

Chief Executive Officer Report

- [TOPS Highlight](#)
- Project Highlight
- Miscellaneous

On-Time Performance RTS Monroe

- On-Time Performance Window
 - 2 minutes early to 5 minutes late
- 50% of customers indicate on-time performance is the most important characteristic of service.
- Customers expect the bus to be no more than 5:30 minutes early and 6:15 minutes late.
- Overall customers rate their satisfaction with on-time performance as a 7.8 out of 10.



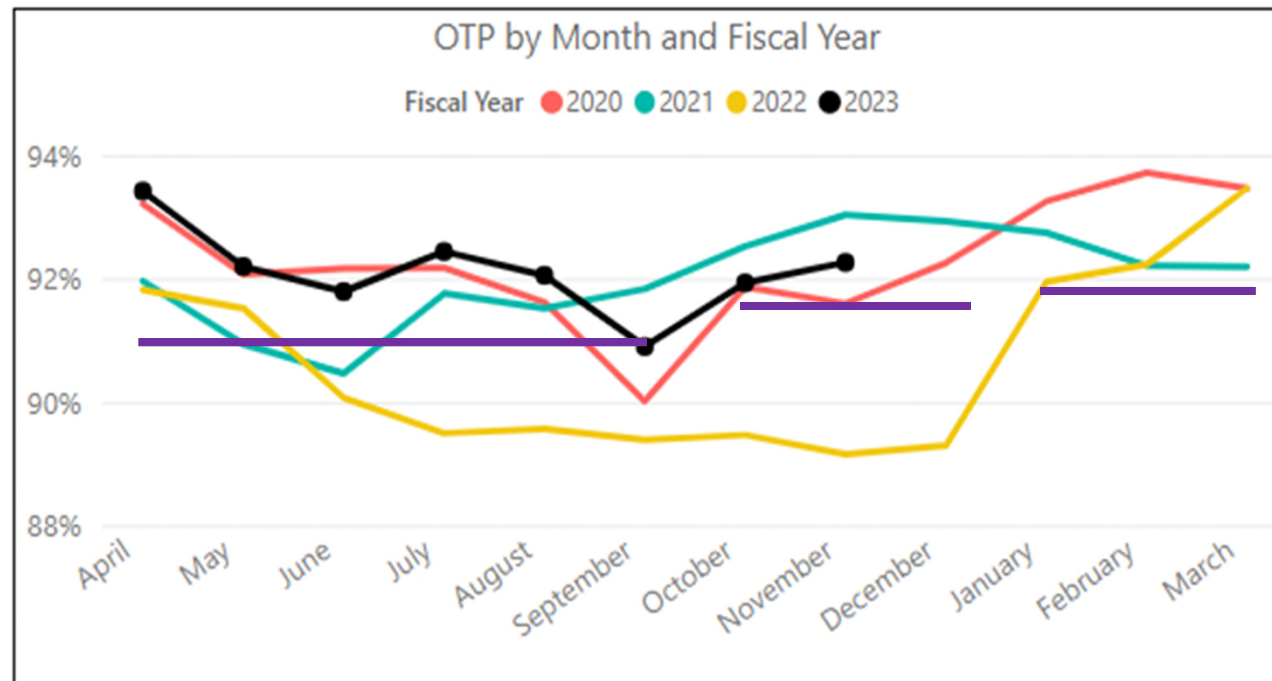
On-Time Performance RTS Monroe

*Presented by: Chris Dobson
VP of Transportation Services*



On-Time Performance Results

- Current quarter results are 92.1% with 2.5% early and 5.4% late
- Quarter 1 and 2 performed above goal and the current quarter is projected too as well



On-Time Performance - Process

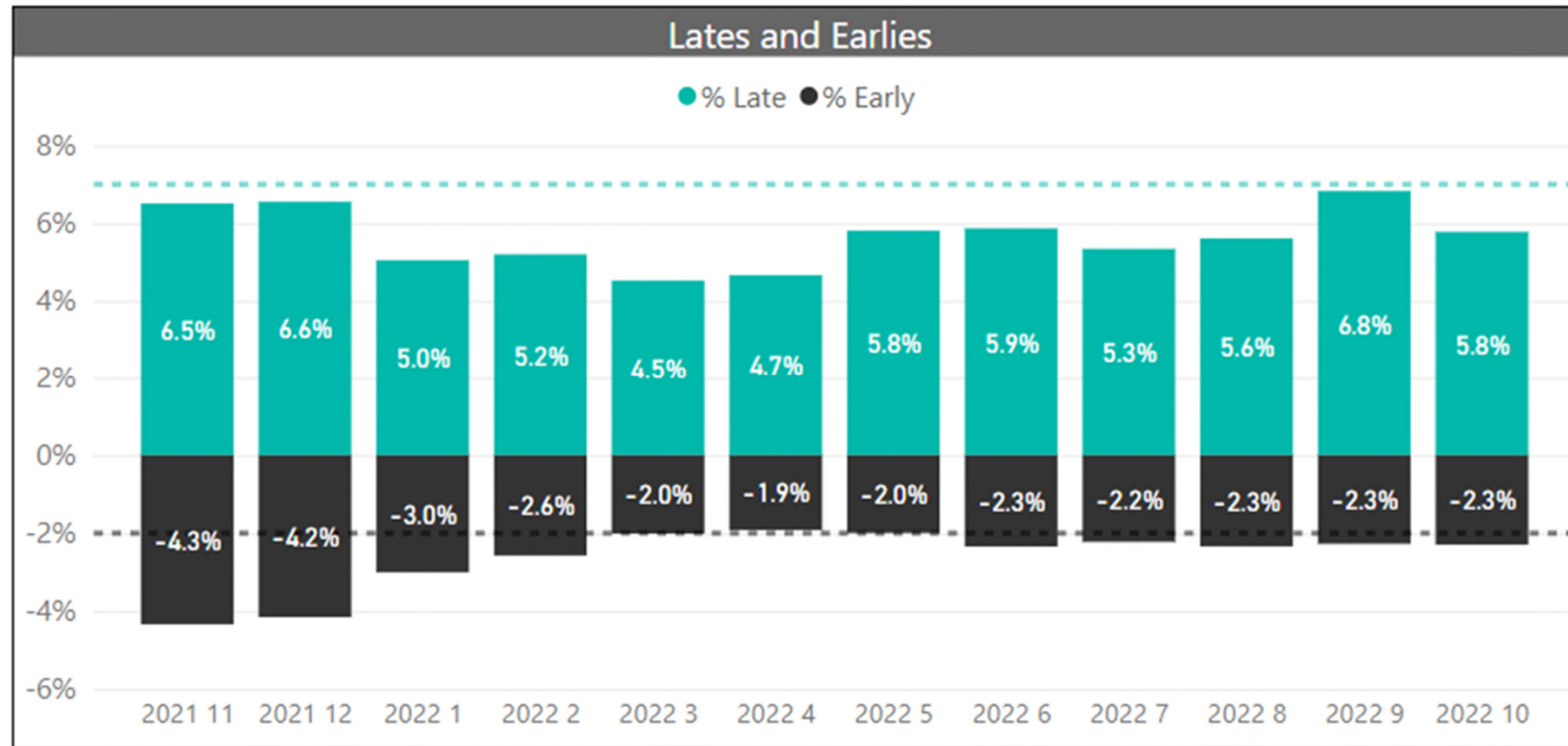
- The RTS team weekly focuses on routine processes that lead to in-field efforts and route scheduling adjustments
- Weekly review Performance: Route, Bus Operator, timeliness window
 - Identify early performing routes (inbound and outbound segments)
 - Road Supervisors observation and discussion with Operators.
 - Scheduling to ride route and add to list of potential route schedule change.
 - Identify early performing Bus Operators
 - Focus on Operators performing below 90.5% and have greater than 2% earlies.
 - Progression Road Supervisor interactions and real-time focus by Radio Control.
 - Review early deviation window to ensure stability and within expectations.
- Monthly recognize the top 20 performers

On-Time Performance - Technology

- Computer Aided Dispatch / Automated Vehicle Location (CAD/AVL) software gathers on-time performance data and feeds the information into the Data Warehouse and analytics reports are generated through Microsoft Power BI.

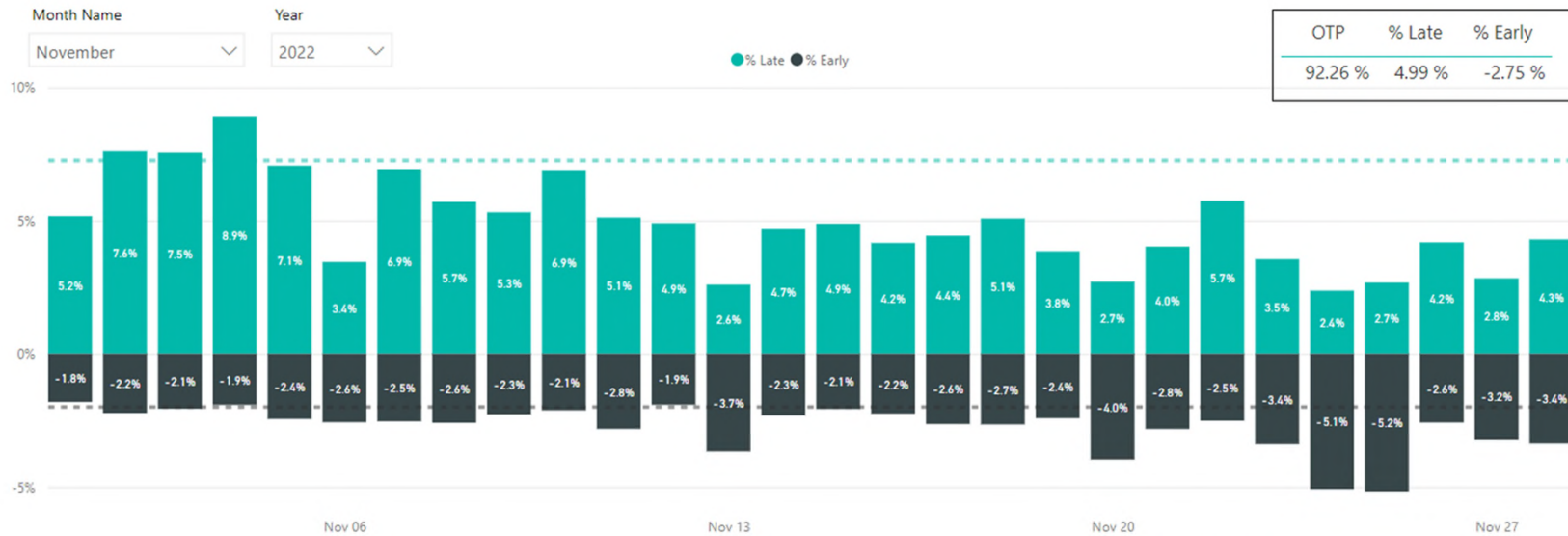


- Early & Late by Month – Reviewing for Trends and Variation



On-Time Performance - Metrics

- By Day within the Month for Trends & Variation; Operators who are performing the least in the area of late and early overall



Late, Bottom 10 Operators

Badge ID	Full Name	Total Points	OTP	% Late	Late Points	% Early	Early Points
		791	78.00 %	21.87 %	173	-0.13 %	1
		671	71.83 %	21.76 %	146	-6.41 %	43
		726	71.63 %	20.25 %	147	-8.13 %	59
		417	79.86 %	19.90 %	83	-0.24 %	1
		670	78.36 %	19.70 %	132	-1.94 %	13
		351	80.34 %	19.66 %	69		0
		477	78.62 %	18.45 %	88	-2.94 %	14
		292	80.82 %	18.15 %	53	-1.03 %	3
		586	81.40 %	17.75 %	104	-0.85 %	5
		590	82.54 %	15.93 %	94	-1.53 %	9

Early, Bottom 10 Operators

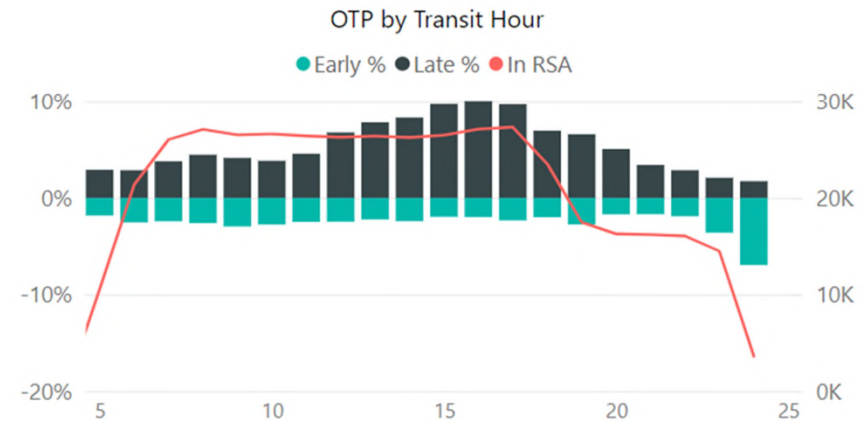
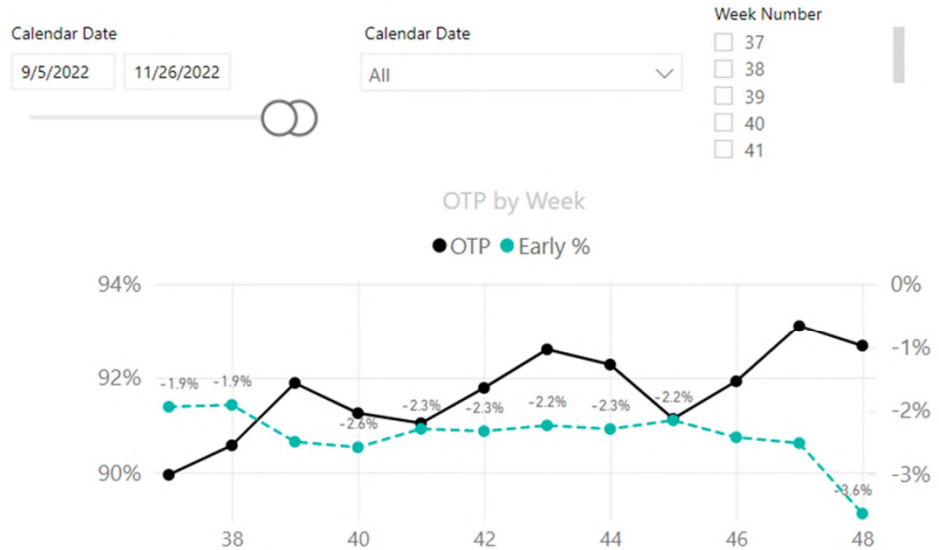
Badge ID	Full Name	Total points	OTP	% Late	Late Points	% Early	Early Points
		685	69.93 %	1.75 %	12	-28.32 %	194
		477	77.15 %	1.68 %	8	-21.17 %	101
		293	83.62 %	0.34 %	1	-16.04 %	47
		393	76.59 %	7.89 %	31	-15.52 %	61
		613	82.87 %	4.24 %	26	-12.89 %	79
		727	86.38 %	0.83 %	6	-12.79 %	93
		622	85.37 %	2.41 %	15	-12.22 %	76
		625	85.92 %	1.92 %	12	-12.16 %	76
		409	86.31 %	2.20 %	9	-11.49 %	47
		544	87.50 %	1.47 %	8	-11.03 %	60
		140592	92.25 %	5.00 %	7025	-2.75 %	3869

On-Time Performance - Metrics

- Route level review by Inbound and Outbound focused on earlies

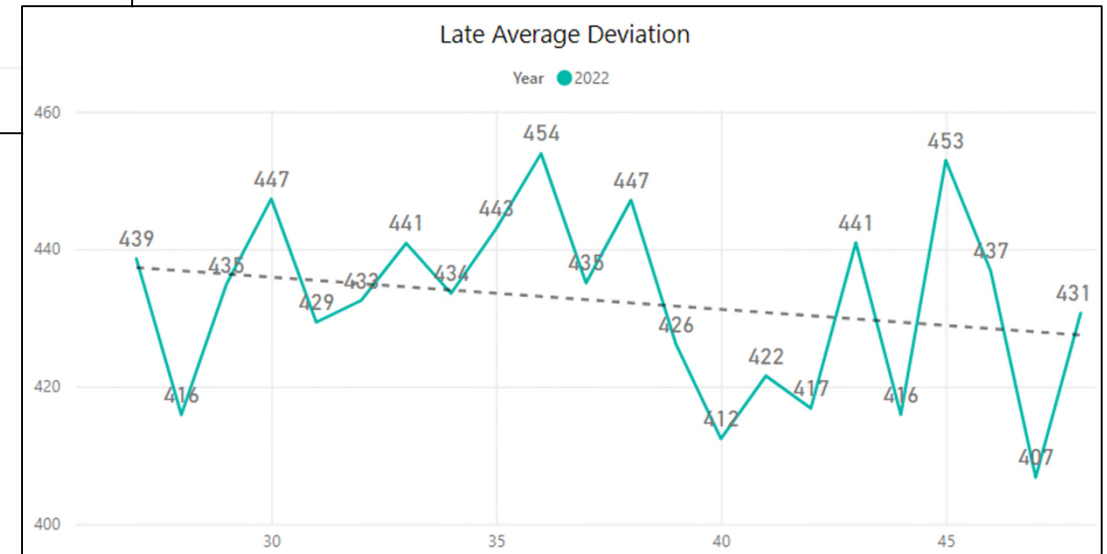
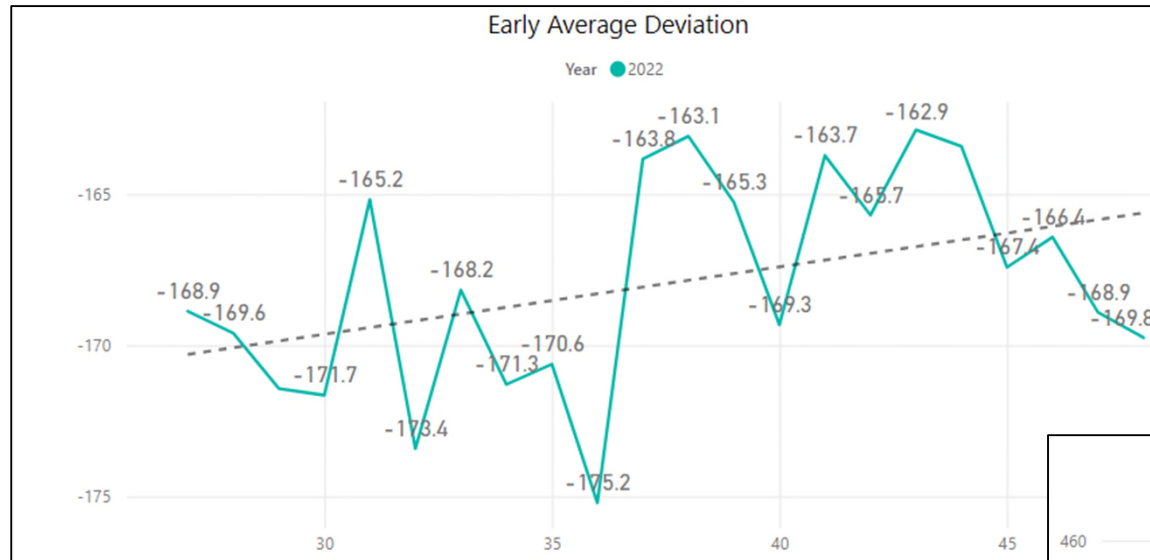
Route ID	Direction Name	Early %	Late %	In RSA	OTP
91	Outbound	-6.1 %	3.3 %	659	90.6 %
9	Inbound	-5.0 %	2.1 %	5903	92.9 %
14	Outbound	-4.8 %	4.7 %	12085	90.5 %
13	Inbound	-4.0 %	3.7 %	8188	92.3 %
16	Inbound	-3.9 %	2.5 %	19393	93.6 %
11	Inbound	-3.9 %	1.5 %	10379	94.6 %
19	Inbound	-3.8 %	1.6 %	8277	94.6 %
4	Outbound	-3.7 %	1.6 %	5329	94.7 %
18	Outbound	-3.7 %	5.0 %	8205	91.3 %
3	Inbound	-3.5 %	3.5 %	5245	93.1 %
22	Inbound	-3.4 %	5.3 %	7457	91.3 %
97	Outbound	-3.3 %	3.7 %	615	93.0 %
Total		-2.4 %	5.9 %	426929	91.7 %

Worst OTP on Route						
Full Name	% Early	# Early	% Late	# Late	In RSA	OTP
	-20.3 %	331	1.5 %	24	1627	78.2 %
	-13.3 %	261	3.3 %	64	1967	83.5 %
	-14.9 %	253	1.8 %	31	1693	83.2 %
	-11.4 %	183	1.9 %	30	1601	86.7 %
	-15.0 %	182	2.1 %	25	1212	82.9 %
	-11.4 %	175	4.2 %	64	1532	84.4 %
	-7.3 %	169	2.1 %	48	2301	90.6 %
	-10.3 %	168	6.6 %	108	1631	83.1 %
	-8.7 %	165	5.6 %	106	1905	85.8 %
	-8.0 %	160	1.2 %	25	2004	90.8 %
Total	-2.4 %	10385	5.9 %	25434	431978	91.7 %



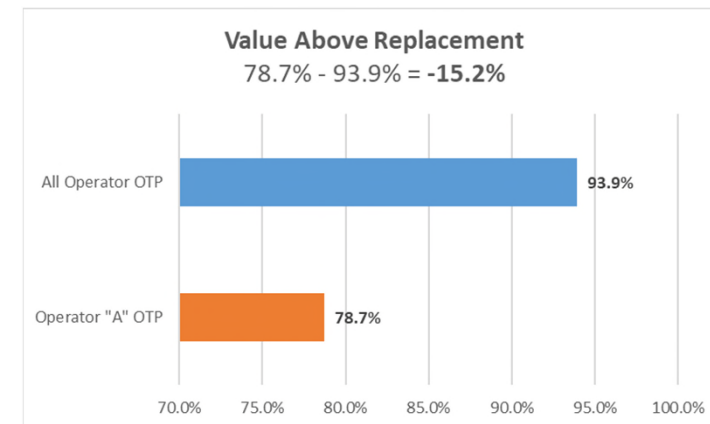
On-Time Performance - Metrics

- Early and Late Deviation in Seconds for Trend and Variation; comparison to customer expectations



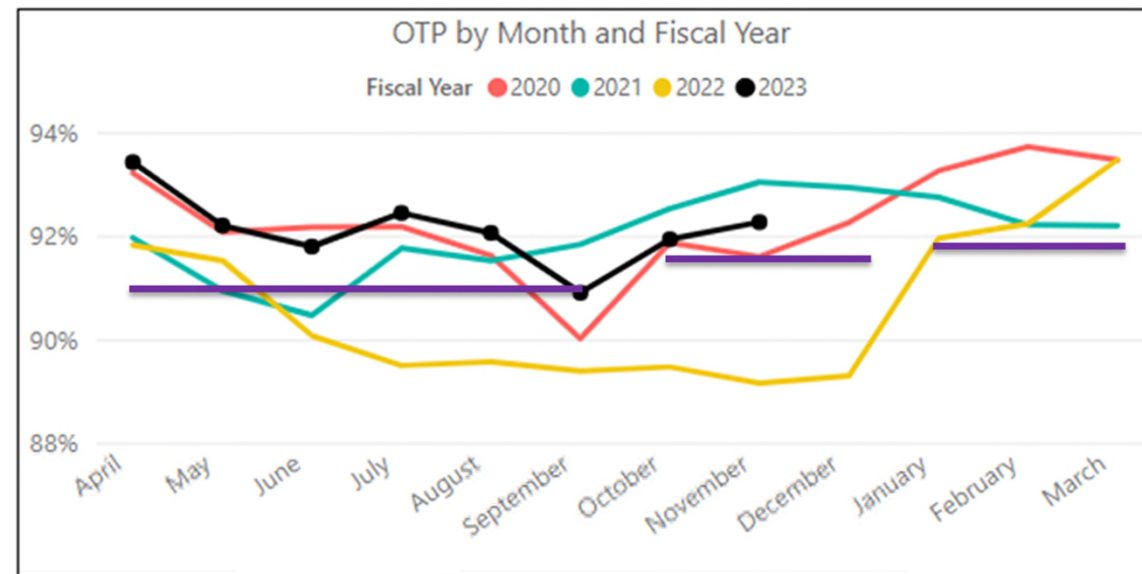
Continuous Process Improvement

- **Concern & Challenge**
 - Operator sentiment that the makeup of their work significantly impacts their on-time performance, which presents a challenge when having improvement conversations
- **Solution**
 - Value Above Replacement Calculation
 - Determines how well an Operator performs on their work as compared to other Operators who perform similar work (same route, direction, stop, and time of day).
 - Normalizes an Operators performance to a specific schedule and provides improved clarity around people performance.



Summary

- On-Time Performance is above goal for each quarter
- We continue to focus on following our proven processes for incremental improvement and look for new ways to analyze performance
- Scheduling adjustments are made quarterly to address systemic performance



Chief Executive Officer Report

- TOPS Highlight
- **Project Highlight**
- Miscellaneous

RGRTA Public Transportation Agency Safety Plan (PTASP)

Presented By: Daniel DeLaus
General Counsel



Agenda

- What is a PTASP?
- Key Components
- Recent changes in Law
- Steps since Law Enactment

What is a PTASP?

- The Public Transportation Agency Safety Plan (PTASP) is a comprehensive safety document including processes and procedures for implementing a safety management system for Public Transportation Agencies.

Key Components

- **Safety Management Policy**
 - Sets objectives
 - Accountabilities and responsibilities
 - Chief Safety Officer
- **Risk Management**
 - Risk assessment
 - Process for hazard identification

Key Components

- **Measure and Monitor**
 - Safety targets
 - Manage change
 - Example: Transition to zero emission vehicles
- **Training & Communication**
 - On boarding
 - In-service training
 - As needed

Recent Changes in Law

- In November of 2021, with President Biden's signing of the Bipartisan Infrastructure Law, providing \$108B to public transportation over the next five years, some changes were required of the PTASP such as:
 - A joint labor-management safety committee;
 - Development and implementation of comprehensive staff training;
 - Establishment of performance targets for a risk reduction program.

Steps up to today

- In June of 2022, the Authority and Amalgamated Transit Union, Local 282, reached agreement on composition and working rules for the Joint Safety Committee; and
- In October of 2022, the Joint Safety Committee unanimously approved the PTASP; and
- With the Joint Safety Committee's approval, the PTASP is ready for consideration of the Board of Commissioners.

Final Step

- Today, the Board of Commissioners is being asked as part of the Consent Agenda to approve RGRTA 42-2022, The Authority's Public Transportation Agency Safety Plan.

Chief Executive Officer Report

- TOPS Highlight
- Project Highlight
- Miscellaneous

RTS Employee Quarterly Meeting

November 4, 2022



RTS Holiday Party

December 8, 2022



RTS Wellness Center Re-Opening

December 13, 2022



Before



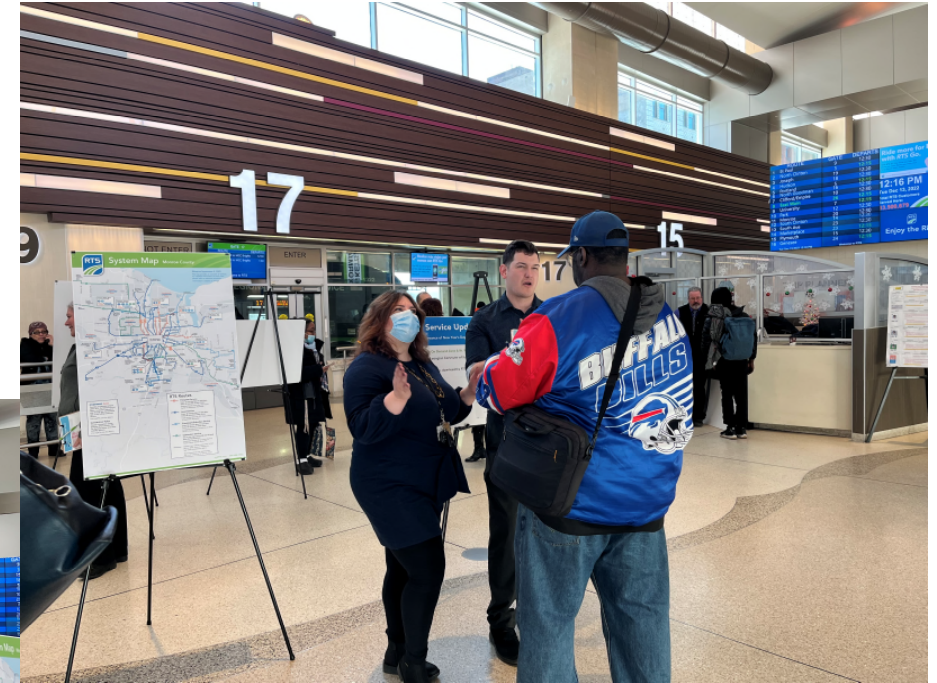
During



After

Customer Open House at the Transit Center

December 13, 2022



RTS Seneca Visit

December 14, 2022



Federal/State Advocacy

- Meeting with Senator Helming & Optimax
- Meeting with Senator Brouk
- Post-Midterm Elections Outlook: Congressional Investigations Under the New Congress
- Campus Tour/Meeting with Jarred Jones of Senator Gillibrand's Office
- Meeting with NYPTA & NYS DOT on Upstate Transit
- Governor Hochul Economic Development Announcement
- NYS DOT Transit Coordinator Action Steps Meeting

Community Involvement

- Urban League of Rochester Meeting
- Beechwood Neighborhood Coalition Annual Dinner
- Attended the ICON Awards
- GRCTF Board Meeting
- Annual ETHIE Awards
- 4th Quarter Comprehensive Neighborhood Plan Update Meeting
- UW Systems Integration Team Meeting

RGRTA Stakeholder Meetings

- Met with Donna Dedee of Holy Childhood
- Monroe County Hazard Mitigation Steering Committee Meeting
- RTS Wayne Visit
- RTS Orleans Visit
- RTS Genesee Visit
- GRCTF Board Meeting
- GTC Board Meeting
- RTS Ontario Visit

Contribution to the Industry

- NYPTA Meetings
- APTA Monthly Transit CEO's Council Leadership Team Meeting
- APTA Racial Equity Peer Learning Group Meetings
- APTA Executive Committee Retreat
- The Bus Coalition Board Call
- NYPTA Meeting on STOA
- The Bus Coalition Member's Webinar on Election Results and Cutaway Bus issues
- APTA Mid-Size Operations Meeting
- Capital Tonight Interview
- APTA Impact & Equity: Transit , Climate Change & Communities
- Empire Report Op-ed on statewide transit funding

Financial Report

Presented by: Scott Adair, CFO



RGRTA - Consolidated Budget Status Report (000's) - FY 2022-2023
10/31/2022

Financial Report

<u>Revenues</u>	<u>Budget 2022-23</u>	<u>FYTD 10/31/2022</u>	<u>Projected 3/31/2023</u>	<u>Budget Variance</u>
Total Locally Generated	\$ 36,894	\$ 11,739	\$ 36,894	\$ -
Total Government Subsidies	\$ 71,831	\$ 39,735	\$ 73,204	\$ 1,373
Mortgage Tax	\$ 11,846	\$ 9,241	\$ 11,846	\$ -
Grand Total Revenue	\$ 120,571	\$ 60,716	\$ 121,944	\$ 1,373
<u>Expenses</u>				
Personnel				
Salary & Wages	\$ 58,586	\$ 31,631	\$ 58,586	\$ -
Fringe Benefits	\$ 28,856	\$ 12,302	\$ 28,856	\$ -
Total Personnel	\$ 87,442	\$ 43,934	\$ 87,442	\$ -
Non-Personnel				
Services	\$ 10,695	\$ 4,749	\$ 10,695	\$ -
Fuel/Lubricants	\$ 6,706	\$ 4,588	\$ 6,706	\$ -
Parts	\$ 4,499	\$ 2,313	\$ 4,499	\$ -
Other	\$ 11,231	\$ 6,216	\$ 11,231	\$ -
Total Non-Personnel	\$ 33,130	\$ 17,866	\$ 33,130	\$ -
Grand Total Expenses	\$ 120,571	\$ 61,800	\$ 120,571	\$ -
Net Income/Deficit From Operations & Subsidies	\$ -	\$ (1,084)	\$ 1,373	\$ 1,373



ROCHESTER
GENESEE REGIONAL
TRANSPORTATION
AUTHORITY

BOARD OF COMMISSIONERS AGENDA ITEM COVER SHEET

Board Meeting Date:	December 15, 2022
Presenter:	Rusty Korth
Subject:	Resolution Authorizing the Award of a Contract for the Purchase of Hydrogen Fuel Cell Electric 40-Foot Buses
Background:	<p>The Authority's progress towards New York State's Zero Emission Transit Plan currently has over ten (10) battery electric powered transit buses in revenue service. The Authority has identified and previously discussed with the Board some of the challenges of battery electric buses in our climate. These challenges have required us to look into other zero emission strategies for future success. The Authority's strategy is to pursue another type of zero emission bus being hydrogen fuel cell. The Authority applied for two (2) grants which included primarily Hydrogen Fuel Cell Buses and Infrastructure. The result of these grants brings three resolutions to today's Board Meeting.</p> <p>The Authority was awarded a \$6.25 million, including matching dollars, competitive grant from the Federal Transit Administration's (FTA) Congestion Mitigation and Air Quality Program (CMAQ). This grant provides funding for Hydrogen Fuel Cell Battery Buses, Vans and Fueling Station.</p> <p>This CMAQ Grant Award requires us to follow a standard procurement process for all components of the grant.</p> <p>The Authority desires to execute a five-year contract for the manufacture and delivery of up to fifty (50) Hydrogen Fuel Cell Electric 40-Foot Buses.</p> <p>The Authority sought proposals by issuing a Request for Proposals (RFP) and publicly advertised it in the <u>New York State Contract Reporter</u> and <u>Transit Talent</u> on July 25, 2022, and the <u>Rochester Business Journal</u> on July 29, 2022.</p> <p>Fifty-eight (58) vehicle and equipment manufacturers were notified of the RFP and one (1) responsive proposal was received on October 10, 2022 from New Flyer of America, Inc.</p> <p>The Authority concluded that the pricing offered by New Flyer of America, Inc. is fair and reasonable and that they appear to be a responsible firm.</p> <p>If approved, the contract will have forty-eight (48) remaining options.</p>

Our Promise: RTS makes it easy to enjoy your journey.



Financial Impact:	<p>The aggregate price for two (2) Hydrogen Fuel Cell Electric 40-Foot Buses from New Flyer of America, Inc. is an amount not to exceed \$2,880,969 and the Authority is requesting a contingency of \$136,559 for the order, which would increase the total authorization not to exceed to \$3,017,528. Initially, two (2) Hydrogen Fuel Cell Electric 40-Foot Buses will be ordered.</p> <p>Additionally, the CEO or his designee is authorized to execute justified change orders up to \$136,559 for the two buses included in the initial order.</p>
Recommendation:	<p>That the Chief Executive Officer (CEO) or his designee is authorized to execute a five (5) year master contract with New Flyer of America, Inc. for the purchase of up to fifty (50) Hydrogen Fuel Cell Electric 40-Foot Buses over the life of the contract.</p> <p>In addition, the CEO or his designee be authorized to place an initial order of two (2) Hydrogen Fuel Cell Electric 40-Foot Buses.</p>

Resolution: RGRTA 39-2022

RESOLUTION AUTHORIZING THE AWARD OF A CONTRACT FOR THE PURCHASE OF HYDROGEN FUEL CELL ELECTRIC 40-FOOT BUSES

WHEREAS, the Rochester Genesee Regional Transportation Authority (the "Authority") desires to execute a five-year contract for the manufacture and delivery of up to fifty (50) Hydrogen Fuel Cell Electric 40-Foot Buses; and

WHEREAS, the Authority sought proposals by issuing a Request for Proposals (RFP) and publicly advertised it in the New York State Contract Reporter and Transit Talent on July 25, 2022, and the Rochester Business Journal on July 29, 2022; and

WHEREAS, fifty-eight (58) vehicle and equipment manufacturers were notified of the RFP and one (1) responsive proposal was received on October 10, 2022 from New Flyer of America, Inc.; and

WHEREAS, the Authority concluded that the pricing offered by New Flyer of America, Inc. is fair and reasonable and that they appear to be a responsible firm.

NOW, THEREFORE, BE IT RESOLVED, that the Chief Executive Officer or his designated representative is authorized to execute a five (5) year master contract with New Flyer of America, Inc. for the purchase of up to fifty (50) Hydrogen Fuel Cell Electric 40-Foot Buses over the life of the contract; and

BE IT FURTHER RESOLVED, that the Chief Executive Officer or his designated representative is authorized to place an initial order of two (2) Hydrogen Fuel Cell Electric 40-Foot Buses from New Flyer of America at a cost not to exceed \$2,880,969; and

BE IT FURTHER RESOLVED, that the Chief Executive Officer or his designated representative is authorized to increase the value of the initial order of two (2) Hydrogen Fuel Cell Electric 40-Foot Buses by up to \$136,559 for justified orders on contract, which would increase the total authorization not to exceed \$3,017,528; and

BE IT FURTHER RESOLVED that the Chief Executive Officer or his designee is hereby authorized, empowered and directed, for and on behalf of the Authority, to perform any and all actions and to execute any and all documents on behalf of the Authority as they may deem necessary, appropriate or advisable to carry out the intent and purposes of the foregoing resolutions.

CERTIFICATION

The undersigned hereby certifies that the above is an excerpt from the Minutes of a Regular Meeting of the Rochester-Genesee Regional Transportation Authority, which was held on December 15, 2022 and that the Resolution is still in full force and effect.

Donald Jeffries, Chairman

Date: December 15, 2022
Rochester, New York

Resolutions Authorizing the Award of Contracts to Purchase Hydrogen Fuel Cell Buses and Mobile Hydrogen Fueling Stations

RGRTA 39-2022, 40-2022 & 41-2022

Presented by Rusty Korth, Vice President of Zero-Emission Strategies



- **39-2022 Resolution Authorizing the Award of a Contract For the Purchase of Hydrogen Fuel Cell Electric 40-foot Buses**
 - Awards a 5-year contract to New Flyer of America, Inc. for the purchase of up to 50 hydrogen fuel cell electric buses with an initial order of 2 buses funded by the CMAQ grant and RGRTA dollars.
- **40-2022 Resolution Authorizing the Purchase of a Mobile Hydrogen Fueling Station**
 - Awards a contract to Plug Power, Inc. for the lease of a mobile hydrogen fueling station funded by the CMAQ grant and RGRTA dollars.
- **41-2022 Resolution Authorizing the Utilization of the Low-No Emission Grant to Purchase Three (3) Hydrogen Fuel Cell Buses and a Mobile Hydrogen Fueling Station**
 - Awards a contract to ElDorado National California, Inc. for the purchase of 3 hydrogen fuel cell electric buses and a contract to Plug Power, Inc. for the purchase of a mobile hydrogen fueling station both funded by the Low-No grant and RGRTA dollars.

Attribute	Hydrogen Fuel Cell	Battery-Electric
Range - moderate weather	> 300 miles ✓	180 - 250 miles
Range - cold weather	250 - 300 miles ✓	80 - 125 miles
Time to fuel	6 - 12 min ✓	3 - 5 hours
Fueling complexity	simple ✓	complex
Payload impact	minimal ✓	significant
Infrastructure cost/space - initial	more expensive/larger	less expensive/smaller ✓
Infrastructure cost/space at scale	less expensive/smaller ✓	more expensive/larger
Vehicle cost	more expensive	less expensive ✓
Fuel cost/mile (moderate weather)	\$0.66	\$0.19 ✓
Grid resiliency	better ✓	worse

Hydrogen fuel cell technology provides a zero-emission solution that operationally performs much more closely to a diesel bus than battery-electric: longer range, quicker fueling times, and fueling infrastructure that is more scalable.

- **RGRTA applied for and were awarded 2 competitive grants to support hydrogen fuel cell technology projects:**
 - Congestion Mitigation and Air Quality Improvement Program (CMAQ)
 - Application submitted September 2021 for \$5M and awarded in June 2022
 - Project scope: 2 40' fuel cell buses, 5 fuel cell vans and 1 mobile hydrogen fueling station
 - Requires following our standard procurement process
 - Total project budget is \$6.25M including local funding.
 - Low or No Emission Vehicle Program (Low-No)
 - Application submitted May 2022 for \$7M and awarded in August 2022
 - Project scope: 3 40' fuel cell buses and 1 mobile hydrogen fueling station
 - Allows us to partner with vendors rather than following our procurement process
 - Total project budget is \$8.8M including local funding.

- RGRTA developed a 40-foot hydrogen fuel cell bus technical specification, and a Request for Proposals (RFP) was issued and advertised in the New York State Contract Reporter and Transit Talent on July 25, 2022, and the Rochester Business Journal on July 29, 2022
- Fifty-eight (58) vehicles and equipment manufacturers were notified, and one (1) responsive proposal was received on October 10, 2022, from New Flyer of America, Inc.
- The Authority concluded that the pricing offered was fair and reasonable and that New Flyer of America, Inc appears to be a responsible firm.

- RGRTA developed a mobile hydrogen fueling technical specification, and a Request for Proposals (RFP) was issued and advertised in the New York State Contract Reporter and Rochester Business Journal on August 26, 2022.
- Seven (7) potential suppliers were notified, and two (2) responsive proposals were received on October 21, 2022, from Ivys, Inc. of Waltham, MA and Plug Power, Inc. of Latham, NY.

- **An evaluation and scoring process was undertaken based on seven (7) scoring criteria:**
 - Proposing firm Qualifications, Resources and Experience
 - Overview of Sub-contractors and their Relevant Experience
 - References
 - Staff to be Assigned to RGRTA
 - Ability to Meet Performance Specifications
 - Price
- **The Authority scored the firms as follows:**
 - Ivys, Inc. of Waltham, MA: 75
 - Plug Power of Latham, NY: 88

- **For the 40' hydrogen fuel cell bus RGRTA partnered with EIDorado National of California, Inc (ENC)**
 - First 40' heavy-duty hydrogen fuel cell bus to pass FTA's 12-year/500K mile Altoona testing requirements
 - Opportunity to work with a new 40' bus vendor
 - Drive-train manufacturers are New York-based
 - Fuel Cell – Plug Power
 - Propulsion System – BAE Systems
- **For the mobile hydrogen fueling system RGRTA partnered with Plug Power, Inc.**
 - Portable self-contained small-scale liquid H₂ fueler capable of filling at the same rate as a permanent fueling station
 - Local technical support.



REVGROUP



EIDorado Axess EVO-FC

Fuel Cell	Plug Power ProGen / 125 KW
Battery	BAE LTO / 26 kWh
Propulsion System	BAE GEN3
H2 Storage Capacity	60 KG @ 350 bar
Estimated Range	260 - 360 miles



NEW FLYER OF AMERICA



New Flyer Xcelsior CHARGE FC

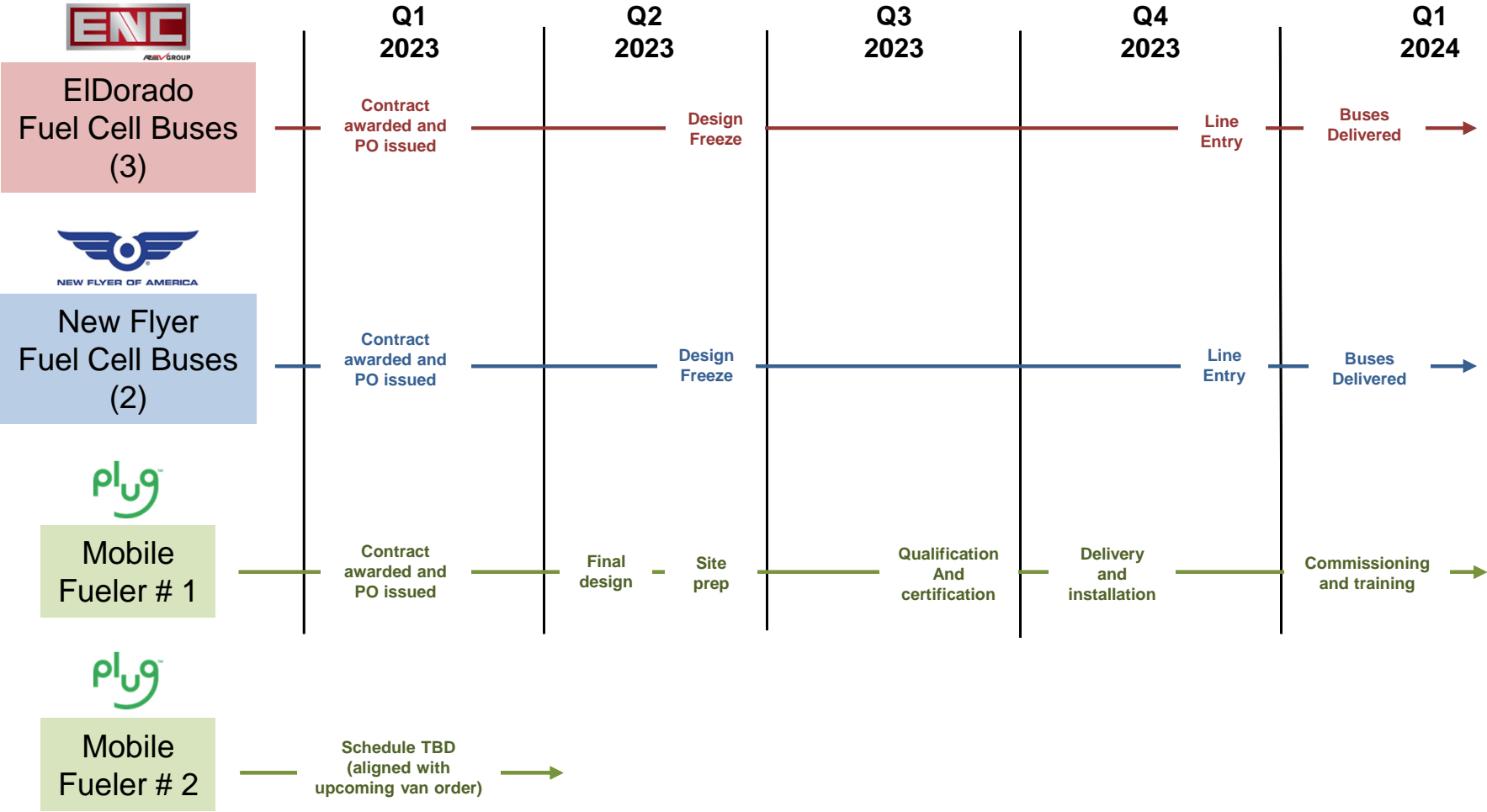
Fuel Cell	Ballard Power Systems FCmove™-HD+ / 100 KW
Battery	XALT XMOD 96P / 135 kWh
Propulsion System	Siemens ELFA 3
H2 Storage Capacity	37.5 KG @ 350 bar
Estimated Range	230 - 330 miles



Max fill rate of 3.6 kg/min
(8 – 10 min per fill)

Capacity of 1,600 kg. of
liquid hydrogen
(deliveries once per week)

HL 1500 Specifications	
Dispensing Pressure	350 bar or 700 bar
Storage Medium	Liquid
Storage Capacity	1,680 kg (3,700 lbs)
Max Flow Rate	3.6 kg/min, 216 kg/hr, 1500 kg/day
Normal Evaporation Rate (NER)	0.73%/day
Output Temperature	T20 (-20°C)
Dimensions (H x L x W)	12' x 53' x 8.5'
Weight	~50,000 pounds
Compliance	ASME SEC VIII, DIV 1 49CFR 178.338 (MC-338) CA 40 FT KPRA ASME B31.3, NEC, NFPA 55
Safety Systems	Pressure, leak, and fire detection with auto-shutdown Electrostatic Discharge Protection (4 corners) Emergency Stop with remote option



- **RGRTA 39-2022**

- The aggregate price for two (2) hydrogen fuel cell buses from New Flyer of America, Inc. is \$2,880,969. The Authority is requesting a contingency of \$136,559 for a total authorization not to exceed \$3,017,528. Funding is 80% Federal and 20% RGRTA.

- **RGRTA 40-2022**

- The total price for the 5-year lease and maintenance of the mobile hydrogen fueling station from Plug Power, Inc. is \$1,800,000. In addition, there are one-time charges for permitting, documentation, commissioning and training totaling \$65,000 for a total 5-year cost of \$1,865,000. The Authority is requesting a contingency of \$95,000 for a total authorization not to exceed \$1,960,000. Funding is 80% Federal and 20% RGRTA.

- **RGRTA 41-2022**

- The aggregate price for three (3) hydrogen fuel cell buses from Eldorado National California, Inc. is \$4,650,000. The Authority is requesting a contingency of \$221,250 for a total authorization not to exceed \$4,871,250.
- The total price for the purchase and maintenance of the mobile hydrogen fueling station from Plug Power, Inc. is \$2,825,000. The Authority is requesting a contingency of \$141,250 for a total authorization not to exceed \$2,966,250.
- Purchases will be funded with FTA Section 5339 funds (80%) and RGRTA funds (20%).

RGRTA 39-2022

That the Chief Executive Officer or his designee be authorized to execute a five (5) year master contract with New Flyer of America, Inc. for the purchase of up to fifty (50) Hydrogen Fuel Cell Electric 40-Foot Buses over the life of the contract and that the Chief Executive Officer or his designee is authorized to place an initial order of two (2) Hydrogen Fuel Cell Electric 40-Foot Buses from New Flyer of America at a cost not to exceed \$2,880,969.

Additionally, that the Chief Executive Officer or his designee is authorized to increase the value of the initial order of two (2) Hydrogen Fuel Cell Electric 40-Foot Buses by up to \$136,559 for justified orders on contract, which would increase the total authorization not to exceed \$3,017,528.

RGRTA 40-2022

That the Chief Executive Officer or his designee be authorized to be granted authority to execute a five (5) year contract with Plug Power, Inc. for the lease of a mobile fueling system for \$1,800,000 and one-time charges of \$65,000.

Additionally, that the Chief Executive Officer or his designee is authorized to increase the value of the lease of the mobile fueling system by up to \$95,000 for justified orders on contract, which would increase the total authorization not to exceed \$1,960,000

RGRTA 41-2022

That the Chief Executive Officer or his designee be authorized to execute a contract with EIDorado National California Inc. for the purchase three (3) Hydrogen Fuel Cell Electric 40-Foot Buses at a cost not to exceed \$4,650,000.

Additionally, that the Chief Executive Officer or his designee is authorized to increase the value of the purchase of three (3) Hydrogen Fuel Cell Electric 40-Foot Buses by up to \$221,250 for justified orders on contract, which would increase the total authorization not to exceed \$4,871,250



ROCHESTER
GENESEE REGIONAL
TRANSPORTATION
AUTHORITY

BOARD OF COMMISSIONERS AGENDA ITEM COVER SHEET

Board Meeting Date:	December 15, 2022
Presenter:	Rusty Korth
Subject:	Resolution Authorizing the Lease of a Mobile Hydrogen Fueling System
Background:	<p>The Authority's progress towards New York State's Zero Emission Transit Plan currently has over ten (10) battery electric powered transit buses in revenue service. The Authority has identified and previously discussed with the Board some of the challenges of battery electric buses in our climate. These challenges have required us to look into other zero emission strategies for future success. The Authority's strategy is to pursue another type of zero emission bus being hydrogen fuel cell. The Authority applied for two (2) grants which included primarily Hydrogen Fuel Cell Buses and Infrastructure. The result of these grants brings three resolutions to today's Board Meeting.</p> <p>The Authority was awarded \$6.25 million, including matching dollars, competitive grant from the Federal Transit Administration's (FTA) Congestion Mitigation and Air Quality Program (CMAQ). This grant provides funding for Hydrogen Fuel Cell Battery Buses, Vans and Fueling Station.</p> <p>This CMAQ Grant Award requires us to follow a standard procurement process for all components of the grant.</p> <p>The Authority desires to procure a mobile hydrogen fueling system for Hydrogen Fuel Cell Buses and Vans.</p> <p>The Authority sought proposals by issuing a Request for Proposals (RFP) and publicly advertising it in the <u>Rochester Business Journal</u> and the <u>New York State Contract Reporter</u> on August 26, 2022.</p> <p>Seven (7) potential suppliers were notified of this RFP and two (2) responsive proposals were received on October 21, 2022.</p> <p>An evaluation and systematic scoring process was undertaken based on the following seven (7) technical criteria:</p> <ul style="list-style-type: none">• Proposing Firm Qualifications, Resources & Experience• Overview of Subcontractors and their Relevant Experience• References• Staff to be Assigned to RGRTA• Ability to Meet Performance Specifications• Price

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	<p>The Authority scored the firms as follows:</p> <ul style="list-style-type: none"> • Ivys, Inc. of Waltham, MA: 75 • Plug Power, Inc. of Latham, NY: 88 <p>The Authority's evaluation process arrived at the scoring based on the above selection criteria and that Plug Power, Inc. ability to meet specifications and pricing were favorable.</p> <p>The Authority concluded that the pricing offered by Plug Power, Inc. is fair and reasonable and that they appear to be a responsible firm.</p>
Financial Impact:	<p>The cost for the five-year lease and maintenance of the mobile hydrogen fueling system is \$1,800,000. In addition, there are one-time charges for the Permitting & Documentation, Commissioning and Training totaling \$65,000. Therefore, the total cost for five years is \$1,865,000.</p> <p>In addition, the Authority is requesting a contingency of \$95,000 which increases the total authorization not to exceed \$1,960,000.</p> <p>Funding for the mobile hydrogen fueling equipment is funded 80% Federal and 20% RGRTA.</p>
Recommendation:	<p>That the Chief Executive Officer (CEO) or his designee be granted authority to execute a contract with Plug Power, Inc. for the lease of a mobile fueling system.</p> <p>Additionally, the CEO or his designee is authorized to execute justified change orders up to \$95,000 on the mobile fueling system.</p>

Resolution: RGRTA 40-2022

RESOLUTION AUTHORIZING THE LEASE OF A MOBILE HYDROGEN FUELING SYSTEM

WHEREAS, the Authority desires to lease a mobile hydrogen fueling system for hydrogen fuel cell buses and vans; and

WHEREAS, the Authority sought proposals by issuing a Request for Proposals (RFP) and publicly advertising it in the Rochester Business Journal and the New York State Contract Reporter on August 26, 2022; and

WHEREAS, seven (7) potential suppliers were notified of this RFP and two (2) responsive proposals were received on October 21, 2022; and

WHEREAS, the Authority conducted a thorough evaluation of the proposals that were received and concluded that Plug Power, Inc. submitted a responsive proposal, their pricing is fair and reasonable, and they appear to be a responsible firm.

NOW, THEREFORE, BE IT RESOLVED, that the Chief Executive Officer or his designee be granted authority to execute a five (5) year contract with Plug Power, Inc. for the lease of a mobile fueling system for \$1,800,000 and one-time charges of \$65,000; and

BE IT FURTHER RESOLVED, that the Chief Executive Officer or his designated representative is authorized to increase the value of the lease of the mobile fueling system by up to \$95,000 for justified orders on contract, which would increase the total authorization not to exceed \$1,960,000; and

BE IT FURTHER RESOLVED that the Chief Executive Officer or his designee is hereby authorized, empowered, and directed, for and on behalf of the Authority, to perform any and all actions and to execute any and all documents on behalf of the Authority as may be deemed necessary, appropriate or advisable to carry out the intent and purposes of the foregoing resolution.

CERTIFICATION

The undersigned hereby certifies that the above is an excerpt from the Minutes of the Regular Meeting of the Rochester Genesee Regional Transportation Authority which was held on December 15, 2022 and that the Resolution is still in full force and effect.

Donald Jeffries, Chairman

Date: December 15, 2022
Rochester, New York

Resolutions Authorizing the Award of Contracts to Purchase Hydrogen Fuel Cell Buses and Mobile Hydrogen Fueling Stations

RGRTA 39-2022, 40-2022 & 41-2022

Presented by Rusty Korth, Vice President of Zero-Emission Strategies

In the bottom right corner of the slide, there are three decorative, curved, light blue lines that sweep upwards and to the right, adding a modern, dynamic feel to the design.

- **39-2022 Resolution Authorizing the Award of a Contract For the Purchase of Hydrogen Fuel Cell Electric 40-foot Buses**
 - Awards a 5-year contract to New Flyer of America, Inc. for the purchase of up to 50 hydrogen fuel cell electric buses with an initial order of 2 buses funded by the CMAQ grant and RGRTA dollars.
- **40-2022 Resolution Authorizing the Purchase of a Mobile Hydrogen Fueling Station**
 - Awards a contract to Plug Power, Inc. for the lease of a mobile hydrogen fueling station funded by the CMAQ grant and RGRTA dollars.
- **41-2022 Resolution Authorizing the Utilization of the Low-No Emission Grant to Purchase Three (3) Hydrogen Fuel Cell Buses and a Mobile Hydrogen Fueling Station**
 - Awards a contract to EIDorado National California, Inc. for the purchase of 3 hydrogen fuel cell electric buses and a contract to Plug Power, Inc. for the purchase of a mobile hydrogen fueling station both funded by the Low-No grant and RGRTA dollars.

Attribute	Hydrogen Fuel Cell	Battery-Electric
Range - moderate weather	> 300 miles ✓	180 - 250 miles
Range - cold weather	250 - 300 miles ✓	80 - 125 miles
Time to fuel	6 - 12 min ✓	3 - 5 hours
Fueling complexity	simple ✓	complex
Payload impact	minimal ✓	significant
Infrastructure cost/space - initial	more expensive/larger	less expensive/smaller ✓
Infrastructure cost/space at scale	less expensive/smaller ✓	more expensive/larger
Vehicle cost	more expensive	less expensive ✓
Fuel cost/mile (moderate weather)	\$0.66	\$0.19 ✓
Grid resiliency	better ✓	worse

Hydrogen fuel cell technology provides a zero-emission solution that operationally performs much more closely to a diesel bus than battery-electric: longer range, quicker fueling times, and fueling infrastructure that is more scalable.

- **RGRTA applied for and were awarded 2 competitive grants to support hydrogen fuel cell technology projects:**
 - Congestion Mitigation and Air Quality Improvement Program (CMAQ)
 - Application submitted September 2021 for \$5M and awarded in June 2022
 - Project scope: 2 40' fuel cell buses, 5 fuel cell vans and 1 mobile hydrogen fueling station
 - Requires following our standard procurement process
 - Total project budget is \$6.25M including local funding.
 - Low or No Emission Vehicle Program (Low-No)
 - Application submitted May 2022 for \$7M and awarded in August 2022
 - Project scope: 3 40' fuel cell buses and 1 mobile hydrogen fueling station
 - Allows us to partner with vendors rather than following our procurement process
 - Total project budget is \$8.8M including local funding.

- RGRTA developed a 40-foot hydrogen fuel cell bus technical specification, and a Request for Proposals (RFP) was issued and advertised in the New York State Contract Reporter and Transit Talent on July 25, 2022, and the Rochester Business Journal on July 29, 2022
- Fifty-eight (58) vehicles and equipment manufacturers were notified, and one (1) responsive proposal was received on October 10, 2022, from New Flyer of America, Inc.
- The Authority concluded that the pricing offered was fair and reasonable and that New Flyer of America, Inc appears to be a responsible firm.

- RGRTA developed a mobile hydrogen fueling technical specification, and a Request for Proposals (RFP) was issued and advertised in the New York State Contract Reporter and Rochester Business Journal on August 26, 2022.
- Seven (7) potential suppliers were notified, and two (2) responsive proposals were received on October 21, 2022, from Ivys, Inc. of Waltham, MA and Plug Power, Inc. of Latham, NY.

- **An evaluation and scoring process was undertaken based on seven (7) scoring criteria:**
 - Proposing firm Qualifications, Resources and Experience
 - Overview of Sub-contractors and their Relevant Experience
 - References
 - Staff to be Assigned to RGRTA
 - Ability to Meet Performance Specifications
 - Price
- **The Authority scored the firms as follows:**
 - Ivys, Inc. of Waltham, MA: 75
 - Plug Power of Latham, NY: 88

- **For the 40' hydrogen fuel cell bus RGRTA partnered with EIDorado National of California, Inc (ENC)**
 - First 40' heavy-duty hydrogen fuel cell bus to pass FTA's 12-year/500K mile Altoona testing requirements
 - Opportunity to work with a new 40' bus vendor
 - Drive-train manufacturers are New York-based
 - Fuel Cell – Plug Power
 - Propulsion System – BAE Systems
- **For the mobile hydrogen fueling system RGRTA partnered with Plug Power, Inc.**
 - Portable self-contained small-scale liquid H₂ fueler capable of filling at the same rate as a permanent fueling station
 - Local technical support.



REVGROUP



EIDorado Axess EVO-FC

Fuel Cell	Plug Power ProGen / 125 KW
Battery	BAE LTO / 26 kWh
Propulsion System	BAE GEN3
H2 Storage Capacity	60 KG @ 350 bar
Estimated Range	260 - 360 miles



NEW FLYER OF AMERICA



New Flyer Xcelsior CHARGE FC

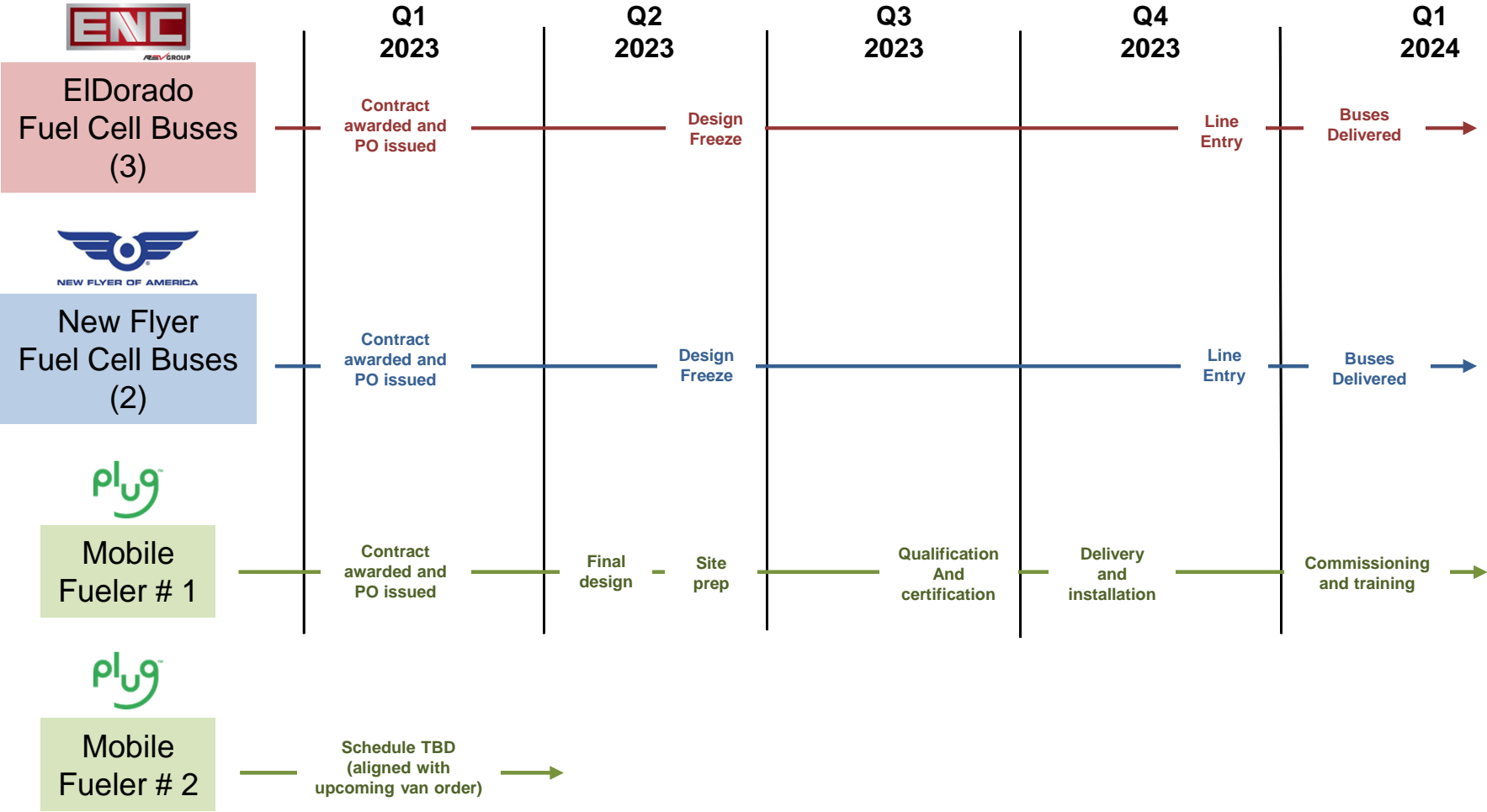
Fuel Cell	Ballard Power Systems FCmove™-HD+ / 100 KW
Battery	XALT XMOD 96P / 135 kWh
Propulsion System	Siemens ELFA 3
H2 Storage Capacity	37.5 KG @ 350 bar
Estimated Range	230 - 330 miles



Max fill rate of 3.6 kg/min
(8 – 10 min per fill)

Capacity of 1,600 kg. of
liquid hydrogen
(deliveries once per week)

HL 1500 Specifications	
Dispensing Pressure	350 bar or 700 bar
Storage Medium	Liquid
Storage Capacity	1,680 kg (3,700 lbs)
Max Flow Rate	3.6 kg/min, 216 kg/hr, 1500 kg/day
Normal Evaporation Rate (NER)	0.73%/day
Output Temperature	T20 (-20°C)
Dimensions (H x L x W)	12' x 53' x 8.5'
Weight	~50,000 pounds
Compliance	ASME SEC VIII, DIV 1 49CFR 178.338 (MC-338) CA 40 FT KPRA ASME B31.3, NEC, NFPA 55
Safety Systems	Pressure, leak, and fire detection with auto-shutdown Electrostatic Discharge Protection (4 corners) Emergency Stop with remote option



- **RGRTA 39-2022**

- The aggregate price for two (2) hydrogen fuel cell buses from New Flyer of America, Inc. is \$2,880,969. The Authority is requesting a contingency of \$136,559 for a total authorization not to exceed \$3,017,528. Funding is 80% Federal and 20% RGRTA.

- **RGRTA 40-2022**

- The total price for the 5-year lease and maintenance of the mobile hydrogen fueling station from Plug Power, Inc. is \$1,800,000. In addition, there are one-time charges for permitting, documentation, commissioning and training totaling \$65,000 for a total 5-year cost of \$1,865,000. The Authority is requesting a contingency of \$95,000 for a total authorization not to exceed \$1,960,000. Funding is 80% Federal and 20% RGRTA.

- **RGRTA 41-2022**

- The aggregate price for three (3) hydrogen fuel cell buses from Eldorado National California, Inc. is \$4,650,000. The Authority is requesting a contingency of \$221,250 for a total authorization not to exceed \$4,871,250.
- The total price for the purchase and maintenance of the mobile hydrogen fueling station from Plug Power, Inc. is \$2,825,000. The Authority is requesting a contingency of \$141,250 for a total authorization not to exceed \$2,966,250.
- Purchases will be funded with FTA Section 5339 funds (80%) and RGRTA funds (20%).

RGRTA 39-2022

That the Chief Executive Officer or his designee be authorized to execute a five (5) year master contract with New Flyer of America, Inc. for the purchase of up to fifty (50) Hydrogen Fuel Cell Electric 40-Foot Buses over the life of the contract and that the Chief Executive Officer or his designee is authorized to place an initial order of two (2) Hydrogen Fuel Cell Electric 40-Foot Buses from New Flyer of America at a cost not to exceed \$2,880,969.

Additionally, that the Chief Executive Officer or his designee is authorized to increase the value of the initial order of two (2) Hydrogen Fuel Cell Electric 40-Foot Buses by up to \$136,559 for justified orders on contract, which would increase the total authorization not to exceed \$3,017,528.

RGRTA 40-2022

That the Chief Executive Officer or his designee be authorized to be granted authority to execute a five (5) year contract with Plug Power, Inc. for the lease of a mobile fueling system for \$1,800,000 and one-time charges of \$65,000.

Additionally, that the Chief Executive Officer or his designee is authorized to increase the value of the lease of the mobile fueling system by up to \$95,000 for justified orders on contract, which would increase the total authorization not to exceed \$1,960,000

RGRTA 41-2022

That the Chief Executive Officer or his designee be authorized to execute a contract with EIDorado National California Inc. for the purchase three (3) Hydrogen Fuel Cell Electric 40-Foot Buses at a cost not to exceed \$4,650,000.

Additionally, that the Chief Executive Officer or his designee is authorized to increase the value of the purchase of three (3) Hydrogen Fuel Cell Electric 40-Foot Buses by up to \$221,250 for justified orders on contract, which would increase the total authorization not to exceed \$4,871,250



ROCHESTER
GENESEE REGIONAL
TRANSPORTATION
AUTHORITY

BOARD OF COMMISSIONERS AGENDA ITEM COVER SHEET

Board Meeting Date:	December 15, 2022
Presenter:	Rusty Korth
Subject:	Resolution Authorizing the Utilization of the Low or No Emission Grant Program (Low-No Program) to Purchase Three (3) Hydrogen Fuel Cell Electric 40-Foot Buses and a Mobile Hydrogen Fueling System
Background:	<p>The Authority's progress towards New York State's Zero Emission Transit Plan currently has over ten (10) battery electric powered transit buses in revenue service. The Authority has identified and previously discussed with the Board some of the challenges of battery electric buses in our climate. These challenges have required us to look into other zero emission strategies for future success. The Authority's strategy is to pursue another type of zero emission bus being hydrogen fuel cell. The Authority applied for two (2) grants which included primarily Hydrogen Fuel Cell Buses and Infrastructure. The result of these grants brings three resolutions to today's Board Meeting.</p> <p>Earlier this year, the Authority was awarded an \$8.8 million, including matching dollars, competitive grant from the Federal Transit Administration's (FTA) Low or No Emission Grant Program (Low-No Program). This grant application was submitted with two partners: EIDorado National California, Inc. and Plug Power, Inc.</p> <p>The Low-No Program provides funding for the purchase or lease of zero-emission and low-emission transit buses, including acquisition, construction, and leasing of required supporting facilities such as recharging, refueling, and maintenance facilities.</p> <p>Since the Authority submitted the grant application with partners, the FTA deemed the requirement for a formal procurement has been satisfied under 49 U.S.C. 5325(a). Therefore, the Authority is seeking approval to purchase three (3) Hydrogen Fuel Cell Electric 40-Foot Buses from EIDorado National California Inc. and a Mobile Hydrogen Fueling System from Plug Power, Inc.</p> <p>The Authority concluded that the pricing offered by EIDorado National California Inc. and Plug Power, Inc. is fair and reasonable and that they appear to be responsible firms.</p>

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Financial Impact:	<p>The aggregate not to exceed price for three (3) Hydrogen Fuel Cell Electric 40-Foot Buses from EIDorado National California Inc. is \$4,650,000. In addition, the Authority is requesting a contingency of \$221,250 for the order, which increases the total authorization not to exceed \$4,871,250.</p> <p>The total not to exceed price for the purchase and maintenance of the mobile hydrogen fueling system is \$2,825,000. In addition, the Authority is requesting a contingency of \$141,250 for the order, which increases the total authorization not to exceed \$2,966,250.</p> <p>The purchase will be funded with FTA Section 5339 funds (80%) and RGRTA funds (20%).</p>
Recommendation:	<p>That the Chief Executive Officer (CEO) or his designee is authorized to execute contracts with EIDorado National California Inc. for the purchase three (3) Hydrogen Fuel Cell Electric 40-Foot Buses and with Plug Power, Inc. for the purchase of a mobile fueling system.</p> <p>Additionally, the CEO or his designee is authorized to execute justified change orders up to \$141,250 for this order of three buses.</p>

Resolution: RGRTA 41-2022

RESOLUTION AUTHORIZING THE UTILIZATION OF THE LOW OR NO EMISSION GRANT PROGRAM (LOW-NO PROGRAM) TO PURCHASE THREE (3) HYDROGEN FUEL CELL ELECTRIC 40-FOOT BUSES AND A MOBILE FUELING SYSTEM

WHEREAS, in 2022, the Authority secured an \$8.8 million competitive grant from the Federal Transit Administration's (FTA) Low or No Emission Grant Program (Low-No Program). This grant application was submitted with two partners: Eldorado National California, Inc. and Plug Power, Inc.; and

WHEREAS, the Low-No Program provides funding for the purchase or lease of zero-emission and low-emission transit buses, including acquisition, construction, and leasing of required supporting facilities such as recharging, refueling, and maintenance facilities; and

WHEREAS, since the Authority submitted the grant application with partners, the FTA deemed the requirement for a formal procurement has been satisfied under 49 U.S.C. 5325(a); and

WHEREAS, the Authority is seeking approval to purchase three (3) Hydrogen Fuel Cell Electric 40-Foot Buses from Eldorado National California Inc. and a Mobile Hydrogen Fueling System from Plug Power, Inc; and

WHEREAS, the Authority concluded that the pricing offered by Eldorado National California Inc. and Plug Power, Inc. is fair and reasonable and that they appear to be responsible firms.

NOW, THEREFORE, BE IT RESOLVED, that the Chief Executive Officer or his designated representative is authorized to execute a contract with Eldorado National California Inc. for the purchase three (3) Hydrogen Fuel Cell Electric 40-Foot Buses at a cost not to exceed \$4,650,000; and

BE IT FURTHER RESOLVED, that the Chief Executive Officer or his designated representative is authorized to increase the value of the purchase of three (3) Hydrogen Fuel Cell Electric 40-Foot Buses by up to \$221,250 for justified orders on contract, which would increase the total authorization not to exceed \$4,871,250; and

BE IT FURTHER RESOLVED, that the Chief Executive Officer or his designated representative is authorized to execute a contract with Plug Power, Inc. for the purchase of a mobile fueling system at a cost not to exceed \$2,825,000; and

BE IT FURTHER RESOLVED, that the Chief Executive Officer or his designated representative is authorized to increase the value of the purchase of the mobile fueling system by up to \$141,250 for justified orders on contract, which would increase the total authorization not to exceed \$2,966,250; and

BE IT FURTHER RESOLVED that the Chief Executive Officer or his designee is hereby authorized, empowered and directed, for and on behalf of the Authority, to perform any and all actions and to execute any and all documents on behalf of the Authority as they may deem

necessary, appropriate or advisable to carry out the intent and purposes of the foregoing resolutions.

CERTIFICATION

The undersigned hereby certifies that the above is an excerpt from the Minutes of a Regular Meeting of the Rochester-Genesee Regional Transportation Authority, which was held on December 15, 2022 and that the Resolution is still in full force and effect.

Donald Jeffries, Chairman

Date: December 15, 2022
Rochester, New York

Resolutions Authorizing the Award of Contracts to Purchase Hydrogen Fuel Cell Buses and Mobile Hydrogen Fueling Stations

RGRTA 39-2022, 40-2022 & 41-2022

Presented by Rusty Korth, Vice President of Zero-Emission Strategies

In the bottom right corner, there are three decorative, curved, light blue lines that sweep upwards and to the right, adding a modern, dynamic feel to the slide design.

- **39-2022 Resolution Authorizing the Award of a Contract For the Purchase of Hydrogen Fuel Cell Electric 40-foot Buses**
 - Awards a 5-year contract to New Flyer of America, Inc. for the purchase of up to 50 hydrogen fuel cell electric buses with an initial order of 2 buses funded by the CMAQ grant and RGRTA dollars.
- **40-2022 Resolution Authorizing the Purchase of a Mobile Hydrogen Fueling Station**
 - Awards a contract to Plug Power, Inc. for the lease of a mobile hydrogen fueling station funded by the CMAQ grant and RGRTA dollars.
- **41-2022 Resolution Authorizing the Utilization of the Low-No Emission Grant to Purchase Three (3) Hydrogen Fuel Cell Buses and a Mobile Hydrogen Fueling Station**
 - Awards a contract to ElDorado National California, Inc. for the purchase of 3 hydrogen fuel cell electric buses and a contract to Plug Power, Inc. for the purchase of a mobile hydrogen fueling station both funded by the Low-No grant and RGRTA dollars.

Attribute	Hydrogen Fuel Cell	Battery-Electric
Range - moderate weather	> 300 miles ✓	180 - 250 miles
Range - cold weather	250 - 300 miles ✓	80 - 125 miles
Time to fuel	6 - 12 min ✓	3 - 5 hours
Fueling complexity	simple ✓	complex
Payload impact	minimal ✓	significant
Infrastructure cost/space - initial	more expensive/larger	less expensive/smaller ✓
Infrastructure cost/space at scale	less expensive/smaller ✓	more expensive/larger
Vehicle cost	more expensive	less expensive ✓
Fuel cost/mile (moderate weather)	\$0.66	\$0.19 ✓
Grid resiliency	better ✓	worse

Hydrogen fuel cell technology provides a zero-emission solution that operationally performs much more closely to a diesel bus than battery-electric: longer range, quicker fueling times, and fueling infrastructure that is more scalable.

- **RGRTA applied for and were awarded 2 competitive grants to support hydrogen fuel cell technology projects:**
 - Congestion Mitigation and Air Quality Improvement Program (CMAQ)
 - Application submitted September 2021 for \$5M and awarded in June 2022
 - Project scope: 2 40' fuel cell buses, 5 fuel cell vans and 1 mobile hydrogen fueling station
 - Requires following our standard procurement process
 - Total project budget is \$6.25M including local funding.
 - Low or No Emission Vehicle Program (Low-No)
 - Application submitted May 2022 for \$7M and awarded in August 2022
 - Project scope: 3 40' fuel cell buses and 1 mobile hydrogen fueling station
 - Allows us to partner with vendors rather than following our procurement process
 - Total project budget is \$8.8M including local funding.

- RGRTA developed a 40-foot hydrogen fuel cell bus technical specification, and a Request for Proposals (RFP) was issued and advertised in the New York State Contract Reporter and Transit Talent on July 25, 2022, and the Rochester Business Journal on July 29, 2022
- Fifty-eight (58) vehicles and equipment manufacturers were notified, and one (1) responsive proposal was received on October 10, 2022, from New Flyer of America, Inc.
- The Authority concluded that the pricing offered was fair and reasonable and that New Flyer of America, Inc appears to be a responsible firm.

- RGRTA developed a mobile hydrogen fueling technical specification, and a Request for Proposals (RFP) was issued and advertised in the New York State Contract Reporter and Rochester Business Journal on August 26, 2022.
- Seven (7) potential suppliers were notified, and two (2) responsive proposals were received on October 21, 2022, from Ivys, Inc. of Waltham, MA and Plug Power, Inc. of Latham, NY.

- **An evaluation and scoring process was undertaken based on seven (7) scoring criteria:**
 - Proposing firm Qualifications, Resources and Experience
 - Overview of Sub-contractors and their Relevant Experience
 - References
 - Staff to be Assigned to RGRTA
 - Ability to Meet Performance Specifications
 - Price
- **The Authority scored the firms as follows:**
 - Ivys, Inc. of Waltham, MA: 75
 - Plug Power of Latham, NY: 88

- **For the 40' hydrogen fuel cell bus RGRTA partnered with EIDorado National of California, Inc (ENC)**
 - First 40' heavy-duty hydrogen fuel cell bus to pass FTA's 12-year/500K mile Altoona testing requirements
 - Opportunity to work with a new 40' bus vendor
 - Drive-train manufacturers are New York-based
 - Fuel Cell – Plug Power
 - Propulsion System – BAE Systems
- **For the mobile hydrogen fueling system RGRTA partnered with Plug Power, Inc.**
 - Portable self-contained small-scale liquid H₂ fueler capable of filling at the same rate as a permanent fueling station
 - Local technical support.



REVGROUP



EIDorado Axess EVO-FC

Fuel Cell	Plug Power ProGen / 125 KW
Battery	BAE LTO / 26 kWh
Propulsion System	BAE GEN3
H2 Storage Capacity	60 KG @ 350 bar
Estimated Range	260 - 360 miles



NEW FLYER OF AMERICA



New Flyer Xcelsior CHARGE FC

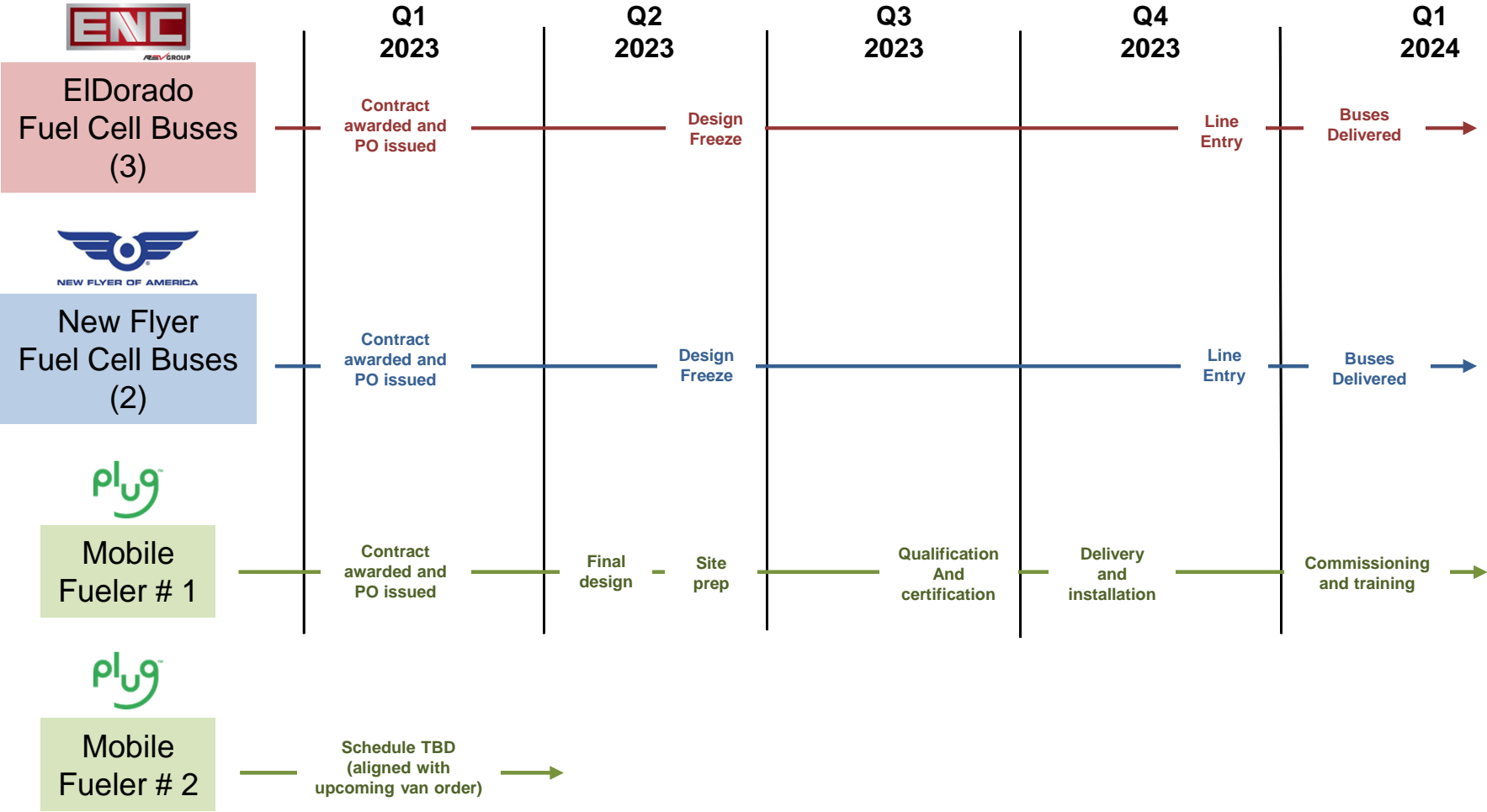
Fuel Cell	Ballard Power Systems FCmove™-HD+ / 100 KW
Battery	XALT XMOD 96P / 135 kWh
Propulsion System	Siemens ELFA 3
H2 Storage Capacity	37.5 KG @ 350 bar
Estimated Range	230 - 330 miles



Max fill rate of 3.6 kg/min
(8 – 10 min per fill)

Capacity of 1,600 kg. of
liquid hydrogen
(deliveries once per week)

HL 1500 Specifications	
Dispensing Pressure	350 bar or 700 bar
Storage Medium	Liquid
Storage Capacity	1,680 kg (3,700 lbs)
Max Flow Rate	3.6 kg/min, 216 kg/hr, 1500 kg/day
Normal Evaporation Rate (NER)	0.73%/day
Output Temperature	T20 (-20°C)
Dimensions (H x L x W)	12' x 53' x 8.5'
Weight	~50,000 pounds
Compliance	ASME SEC VIII, DIV 1 49CFR 178.338 (MC-338) CA 40 FT KPRA ASME B31.3, NEC, NFPA 55
Safety Systems	Pressure, leak, and fire detection with auto-shutdown Electrostatic Discharge Protection (4 corners) Emergency Stop with remote option



- **RGRTA 39-2022**

- The aggregate price for two (2) hydrogen fuel cell buses from New Flyer of America, Inc. is \$2,880,969. The Authority is requesting a contingency of \$136,559 for a total authorization not to exceed \$3,017,528. Funding is 80% Federal and 20% RGRTA.

- **RGRTA 40-2022**

- The total price for the 5-year lease and maintenance of the mobile hydrogen fueling station from Plug Power, Inc. is \$1,800,000. In addition, there are one-time charges for permitting, documentation, commissioning and training totaling \$65,000 for a total 5-year cost of \$1,865,000. The Authority is requesting a contingency of \$95,000 for a total authorization not to exceed \$1,960,000. Funding is 80% Federal and 20% RGRTA.

- **RGRTA 41-2022**

- The aggregate price for three (3) hydrogen fuel cell buses from Eldorado National California, Inc. is \$4,650,000. The Authority is requesting a contingency of \$221,250 for a total authorization not to exceed \$4,871,250.
- The total price for the purchase and maintenance of the mobile hydrogen fueling station from Plug Power, Inc. is \$2,825,000. The Authority is requesting a contingency of \$141,250 for a total authorization not to exceed \$2,966,250.
- Purchases will be funded with FTA Section 5339 funds (80%) and RGRTA funds (20%).

RGRTA 39-2022

That the Chief Executive Officer or his designee be authorized to execute a five (5) year master contract with New Flyer of America, Inc. for the purchase of up to fifty (50) Hydrogen Fuel Cell Electric 40-Foot Buses over the life of the contract and that the Chief Executive Officer or his designee is authorized to place an initial order of two (2) Hydrogen Fuel Cell Electric 40-Foot Buses from New Flyer of America at a cost not to exceed \$2,880,969.

Additionally, that the Chief Executive Officer or his designee is authorized to increase the value of the initial order of two (2) Hydrogen Fuel Cell Electric 40-Foot Buses by up to \$136,559 for justified orders on contract, which would increase the total authorization not to exceed \$3,017,528.

RGRTA 40-2022

That the Chief Executive Officer or his designee be authorized to be granted authority to execute a five (5) year contract with Plug Power, Inc. for the lease of a mobile fueling system for \$1,800,000 and one-time charges of \$65,000.

Additionally, that the Chief Executive Officer or his designee is authorized to increase the value of the lease of the mobile fueling system by up to \$95,000 for justified orders on contract, which would increase the total authorization not to exceed \$1,960,000

RGRTA 41-2022

That the Chief Executive Officer or his designee be authorized to execute a contract with EIDorado National California Inc. for the purchase three (3) Hydrogen Fuel Cell Electric 40-Foot Buses at a cost not to exceed \$4,650,000.

Additionally, that the Chief Executive Officer or his designee is authorized to increase the value of the purchase of three (3) Hydrogen Fuel Cell Electric 40-Foot Buses by up to \$221,250 for justified orders on contract, which would increase the total authorization not to exceed \$4,871,250



**ROCHESTER
GENESEE REGIONAL
TRANSPORTATION
AUTHORITY**

BOARD OF COMMISSIONERS AGENDA ITEM COVER SHEET

Board Meeting Date:	December 15, 2022
Presenter:	Daniel DeLaus
Subject:	Resolution Approving the Authority's Public Transportation Agency Safety Plan
Background:	<p>On November 15, 2021 President Biden signed into law the Bipartisan Infrastructure Law. In addition to providing \$108 billion to public transportation over the next five years the law amended the Federal Transit Administration's (FTA) safety plan existing requirements. The amendments include the following, while not all are listed we attempted to capture the most significant additions;</p> <ul style="list-style-type: none">• Establishment of a joint labor-management safety committee; and• Development and implementation of comprehensive staff training; and• Establishment of performance targets for a risk reduction program. <p>In June of this year the Authority and the Amalgamated Transit Union, Local 282, reached agreement on the composition and working rules for the Authority's Joint Safety Committee (the "Committee"). The Committee, consists of equal numbers of management and union appointees, as is required by law to review, and approve the Public Transportation Agency Safety Plan (the "Plan") prior to its submission to the Board of Commissioners for approval.</p> <p>In October of 2022, the Committee unanimously approved the Plan allowing it to proceed to the Board of Commissioners for approval.</p> <p>The Authority has confirmed that the Plan is in full compliance with the revised Federal law.</p>
Financial Impact:	The Authority anticipates minimal financial impact on the 2022-2023 Operating Budget.
Recommendation:	The Board of Commissioners approve the Authority's Public Transportation Agency Safety Plan as submitted by the Authority's Joint Safety Committee.

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Resolution: RGRTA 42-2022

RESOLUTION APPROVING THE AUTHORITY'S PUBLIC TRANSPORTATION AGENCY SAFETY PLAN

WHEREAS, On November 15, 2021 President Biden signed into law the Bipartisan Infrastructure Law. In addition to providing \$108 billion to public transportation over the next five years the law amended the Federal Transit Administration's (FTA) safety plan existing requirements. The amendments include the following, while not all are listed we attempted to capture the most significant additions;

- Establishment of a joint labor-management safety committee; and
- Development and implementation of comprehensive staff training; and
- Establishment of performance targets for a risk reduction program.

WHEREAS, the Authority's Joint Safety Committee has reviewed and approved the Authority's Public Transportation Agency Safety Plan (the "Plan"); and

WHEREAS, Authority has confirmed that the Plan is compliant with the revised Federal law; and

NOW, THEREFORE, BE IT RESOLVED, the Plan, approved by the Authority's Joint Safety Committee on October 28, 2022, is hereby approved; and

BE IT FURTHER RESOLVED that the Chief Executive Officer or his designee are hereby authorized, empowered and directed, for and on behalf of the Authority, to perform any and all actions and to execute any and all documents on behalf of the Authority as they may deem necessary, appropriate or advisable to carry out the intent and purposes of the foregoing resolutions.

CERTIFICATION

The undersigned hereby certifies that the above is an excerpt from the Minutes of a Regular Meeting of the Rochester-Genesee Regional Transportation Authority, which was held on December 15, 2022, and that the Resolution is still in full force and effect.

Donald Jeffries, Chairman

Date: December 15, 2022
Rochester, New York



**ROCHESTER
GENESEE REGIONAL
TRANSPORTATION
AUTHORITY**

BOARD OF COMMISSIONERS AGENDA ITEM COVER SHEET

Board Meeting Date:	December 15, 2022
Presenter:	Rusty Korth
Subject:	Resolution Authorizing the Purchase of Eight (8) Type IA Buses
Background:	<p>On June 6, 2019, Resolution RGRTA 20-2019 was approved awarding a contract to Shepard Bros., Inc. of Canandaigua, New York, for the Authority to purchase up to sixty (60) Type IA paratransit buses over a five (5) year period.</p> <p>On October 8, 2021, Shepard Brothers, Inc. was purchased by Coach & Equipment Bus Sales, Inc. and the contract was assigned to Coach & Equipment Bus Sales, Inc.</p> <p>This resolution will authorize the Authority to purchase eight (8) Type IA paratransit buses with Coach & Equipment Bus Sales, Inc. as part of the planned RTS Access fleet replacement plan.</p> <p>If approved, the contract will have twenty-seven (27) remaining options.</p>
Financial Impact:	<p>The aggregate price for eight (8) Type IA paratransit buses from Coach & Equipment Bus Sales, Inc. is an amount not to exceed \$907,840. In addition, the Authority is requesting a contingency of \$45,392 for the order, which increases the total authorization not to exceed \$953,232.</p> <p>The purchase will be funded with FTA Section 5307 funds (80%), New York State (10%) and RGRTA (10%) funds.</p>
Recommendation:	That the Chief Executive Officer or his designee be authorized to place an order with Coach & Equipment Bus Sales, Inc. for eight (8) Type IA Buses.

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Resolution: RGRTA 43-2022

RESOLUTION AUTHORIZING THE PURCHASE OF EIGHT (8) TYPE IA BUSES

WHEREAS, On June 6, 2019, Resolution RGRTA 20-2019 was approved awarding a contract to Shepard Bros., Inc. of Canandaigua, New York, for the Authority to purchase up to sixty (60) Type IA paratransit buses over a five (5) year period; and

WHEREAS, on October 8, 2021, Shepard Brothers, Inc. was purchased by Coach & Equipment Bus Sales, Inc. and the contract was assigned to Coach & Equipment Bus Sales, Inc.; and

WHEREAS, this resolution will authorize the Authority to purchase eight (8) additional Type IA paratransit buses with Coach & Equipment Bus Sales, Inc. as part of the planned RTS Access fleet replacement plan.

NOW, THEREFORE, BE IT RESOLVED, that the Chief Executive Officer or his designee is authorized to place an order of eight (8) Type IA Buses from Coach & Equipment Bus Sales, Inc. in an amount not to exceed \$907,840; and

BE IT FURTHER RESOLVED, that the Chief Executive Officer or his designated representative is authorized to increase the value of the order of eight (8) Type IA Buses by up to \$45,392 for justified orders on contract, which increases the total authorization to an amount not to exceed \$953,232; and

BE IT FURTHER RESOLVED that the Chief Executive Officer or his designee are hereby authorized and empowered, for and on behalf of the Authority, to perform any and all actions and to execute any and all documents on behalf of the Authority as they may deem necessary, appropriate or advisable to carry out the intent and purposes of the foregoing resolutions.

CERTIFICATION

The undersigned hereby certifies that the above is an excerpt from the Minutes of a Regular Meeting of the Rochester-Genesee Regional Transportation Authority, which was held on December 15, 2022 and that the Resolution is still in full force and effect.

Donald Jeffries, Chairman

Date: December 15, 2022
Rochester, New York



**ROCHESTER
GENESEE REGIONAL
TRANSPORTATION
AUTHORITY**

BOARD OF COMMISSIONERS AGENDA ITEM COVER SHEET

Board Meeting Date:	December 15, 2022
Presenter:	Rusty Korth
Subject:	Resolution Authorizing the Purchase of Thirty-Six (36) Type III Buses
Background:	<p>On December 3, 2020, Resolution RGRTA 47-2020 was approved awarding a contract to Shepard Bros., Inc. of Canandaigua, New York, for the Authority to purchase up to one-hundred ten (110) Type III buses over a five (5) year period.</p> <p>On October 8, 2021, Shepard Brothers, Inc. was purchased by Coach & Equipment Bus Sales, Inc. and the contract was assigned to Coach & Equipment Bus Sales, Inc.</p> <p>This resolution will authorize the Authority to purchase thirty-six (36) Type III medium-duty transit buses with Coach & Equipment Bus Sales, Inc. as part of the planned regional fleet replacement plan.</p> <p>These buses are anticipated to be placed in service at RTS Livingston (2), RTS Genesee (10), RTS Ontario (2), RTS Orleans (2), RTS Wayne (10) and RTS Wyoming (10).</p> <p>If approved, the contract will have fourteen (14) remaining options.</p>
Financial Impact:	<p>The aggregate price for thirty-six (36) Type III Buses from Coach & Equipment Bus Sales, Inc. is an amount not to exceed \$5,050,142. In addition, the Authority is requesting a contingency of \$252,508 for the order, which increases the total authorization not to exceed \$5,302,650.</p> <p>The purchase is anticipated to be funded with FTA Section 5311 funds (80%), New York State (10%) and RGRTA (10%) funds.</p>

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Recommendation:

That the Chief Executive Officer or his designee be authorized to place an order with Coach & Equipment Bus Sales, Inc. for thirty-six (36) Type III Buses.

Resolution: RGRTA 44-2022

RESOLUTION AUTHORIZING THE PURCHASE OF THIRTY-SIX (36) TYPE III BUSES

WHEREAS, on December 3, 2020, Resolution RGRTA 47-2020 was approved awarding a contract to Shepard Bros., Inc. of Canandaigua, New York, for the Authority to purchase up to one-hundred ten (110) Type III buses over a five (5) year period; and

WHEREAS, on October 8, 2021, Shepard Brothers, Inc. was purchased by Coach & Equipment Bus Sales, Inc. and the contract was assigned to Coach & Equipment Bus Sales, Inc.; and

WHEREAS, this resolution will authorize the Authority to purchase thirty-six (36) additional Type III medium-duty transit buses with Coach & Equipment Bus Sales, Inc. as part of the planned regional fleet replacement plan.

NOW, THEREFORE, BE IT RESOLVED, that the Chief Executive Officer or his designee is authorized to place an order of thirty-six (36) Type III Buses from Coach & Equipment Bus Sales, Inc. in an amount not to exceed \$5,050,142; and

BE IT FURTHER RESOLVED, that the Chief Executive Officer or his designated representative is authorized to increase the value of the order of thirty-six (36) Type III Buses by up to \$252,508 for justified orders on contract, which increases the total authorization to an amount not to exceed \$5,302,650; and

BE IT FURTHER RESOLVED that the Chief Executive Officer or his designee are hereby authorized and empowered, for and on behalf of the Authority, to perform any and all actions and to execute any and all documents on behalf of the Authority as they may deem necessary, appropriate or advisable to carry out the intent and purposes of the foregoing resolutions.

CERTIFICATION

The undersigned hereby certifies that the above is an excerpt from the Minutes of a Regular Meeting of the Rochester-Genesee Regional Transportation Authority, which was held on December 15, 2022 and that the Resolution is still in full force and effect.

Donald Jeffries, Chairman

Date: December 15, 2022
Rochester, New York



ROCHESTER
GENESEE REGIONAL
TRANSPORTATION
AUTHORITY

BOARD OF COMMISSIONERS AGENDA ITEM COVER SHEET

Board Meeting Date:	December 15, 2022
Presenter:	Scott Adair
Subject:	Endorsing a Program of Projects for the Authority's Federal Section 5311 Consolidated Grant Application for Fiscal Years 2022 and 2023
Background:	<p>In accordance with guidance provided by the New York State Department of Transportation ("NYSDOT"), the Authority is required to prepare and submit a Program of Projects ("POP") for fiscal years 2022 and 2023 that lists those operating assistance and capital projects for which the Authority intends to seek Federal Section 5311 funding through NYSDOT's consolidated grant application process.</p> <p>The resolution endorses a POP for which staff has placed public notices in local publications, distributed notifications to interested parties including private bus and taxi operators and human service agency operators. In addition, the notice offers the opportunity for a public hearing if one is requested. All comments will be shared with the Board at a subsequent meeting of the Board for its consideration.</p> <p>Authority staff has prepared and submitted the consolidated grant application to NYSDOT to carry forward the projects. Any comments that are received in response to the public notifications will be shared with NYSDOT.</p> <p>The resolution authorizes the filing and execution of a consolidated grant application and the execution of subsequent grant agreements with NYSDOT.</p>
Financial Impact:	The Projects listed in the POP require an Authority match of 10 percent and 50 percent for capital and operating projects, respectively. Attachment A, includes budgets for each of the projects with the respective Federal and Non-Federal shares.

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Recommendation:

That the Board endorse the POP, authorize public notifications and outreach and the Authority conducts a public hearing, if requested. Further, authorize the filing and execution of a consolidated grant application and subsequent grant agreements with the New York State Department of Transportation.

Resolution: RGRTA 45-2022

RESOLUTION ENDORSING A PROGRAM OF PROJECTS FOR THE AUTHORITY'S FEDERAL SECTION 5311 CONSOLIDATED GRANT APPLICATION FOR FISCAL YEARS 2022 AND 2023

WHEREAS, the Rochester Genesee Regional Transportation Authority (the "Authority") is seeking to submit a consolidated grant application for mass transportation projects pursuant to Section 5311, Title 49 United States Code, administered by the New York State Department of Transportation ("NYSDOT"); and

WHEREAS, the Authority is required to submit a Program of Projects that lists the projects the Authority seeks to be implemented for each of its eight (8) member counties for fiscal years 2022 and 2023 as defined by NYSDOT; and

WHEREAS, the grant for financial assistance will impose certain obligations upon the Authority, including a provision requiring the funding of a portion of the Non-Federal share of the cost of the Program of Projects; and

WHEREAS, the Authority and the State of New York have entered into a continuing agreement which authorizes the undertaking of the projects and the payment of the Federal and State shares.

NOW, THEREFORE, BE IT RESOLVED by the Board that:

1. The attached proposed Program of Projects is endorsed for the use of Section 5311 funds made available by the Federal Transit Administration and administered by the New York State Department of Transportation for fiscal years 2022 and 2023.
2. The Chief Executive Officer or his designee is authorized to place public notices in local publications, distribute notifications to interested parties including private bus and taxi operators and human service agency operators. Further, the Chief Executive Officer or his designee is authorized to offer the opportunity for a public hearing. In the event that a public hearing is conducted, the comments will be shared with the Board at a subsequent meeting of the Board for its consideration.
3. The Chief Executive Officer or his designee is authorized to execute and file and/or amend any necessary application on behalf of the Authority for matching funds or supplemental funding for this Program of Projects with the New York State Department of Transportation.
4. The Chief Executive Officer or his designee is authorized to furnish such additional information as the New York State Department of Transportation may require in connection with the application for this Program of Projects.

5. The Chief Executive Officer or his designee is authorized to execute grant contract agreements, amendatory or supplemental grant contract agreements, and related documents on behalf of the Authority with the New York State Department of Transportation for aid in the financing of the elements of the Program of Projects.
6. The Non-Federal share of this Program of Projects will be derived from New York State legislated programs and from local constituent governments as required by State law and from the Authority.
7. The Chief Executive Officer or his designee is hereby authorized, empowered and directed, for and on behalf of the Authority; to perform any and all actions and to execute any and all documents on behalf of the Authority as may be deemed necessary, appropriate or advisable to carry out the intent and purposes of the foregoing resolution.
8. This Resolution shall apply, in its entirety, to this Program of Projects, as approved by the Authority's Board for execution.

CERTIFICATION

The undersigned hereby certifies that the above is an excerpt from the Minutes of a Regular Meeting of the Rochester Genesee Regional Transportation Authority, which was held on December 15, 2022 and that the Resolution is still in full force and effect.

Donald Jeffries, Chairman

Date: December 15, 2022
Rochester, New York

Rochester Genesee Regional Transportation Authority
Federal Section 5311 Consolidated Grant Application for 2022 and 2023

	Company	Total	Federal	Non-Federal
COVID Relief Funding	RTS Monroe	\$ 240,000	\$ 120,000	\$ 120,000
2022 Operating Allocation	RTS Monroe	\$ 129,000	\$ 64,500	\$ 64,500
2023 Operating Allocation	RTS Monroe	\$ 132,000	\$ 66,000	\$ 66,000
Total	RTS Monroe	\$ 501,000	\$ 250,500	\$ 250,500
Bus Cameras	RTS Genesee	\$ 67,521	\$ 54,017	\$ 13,504
Network Replacement	RTS Genesee	\$ 10,000	\$ 8,000	\$ 2,000
Fareboxes	RTS Genesee	\$ 34,806	\$ 27,845	\$ 6,961
Upgraded Destination Sign Controllers	RTS Genesee	\$ 35,000	\$ 28,000	\$ 7,000
Facility Construction	RTS Genesee	\$ 13,200,000	\$ 10,560,000	\$ 2,640,000
Additional Funding for Past Bus Purchases	RTS Genesee	\$ 658,176	\$ 526,541	\$ 131,635
Type III Buses (10)	RTS Genesee	\$ 1,605,000	\$ 1,284,000	\$ 321,000
Type VI Buses (2)	RTS Genesee	\$ 526,495	\$ 421,196	\$ 105,299
COVID Relief Funding	RTS Genesee	\$ 536,000	\$ 268,000	\$ 268,000
2022 Operating Allocation	RTS Genesee	\$ 257,000	\$ 128,500	\$ 128,500
2023 Operating Allocation	RTS Genesee	\$ 263,000	\$ 131,500	\$ 131,500
Total	RTS Genesee	\$ 17,192,998	\$ 13,437,598	\$ 3,755,400
Flooring Replacement	RTS Livingston	\$ 52,000	\$ 41,600	\$ 10,400
Roof Replacement	RTS Livingston	\$ 1,000,000	\$ 800,000	\$ 200,000
Fare Collection Software	RTS Livingston	\$ 300,000	\$ 240,000	\$ 60,000
CAD/AVL Replacement	RTS Livingston	\$ 1,200,000	\$ 960,000	\$ 240,000
Camera Upgrades	RTS Livingston	\$ 16,354	\$ 13,083	\$ 3,271
Network Replacement	RTS Livingston	\$ 10,000	\$ 8,000	\$ 2,000
Fareboxes	RTS Livingston	\$ 58,010	\$ 46,408	\$ 11,602
Upgraded Destination Sign Controllers	RTS Livingston	\$ 20,000	\$ 16,000	\$ 4,000
Generator Replacement	RTS Livingston	\$ 55,000	\$ 44,000	\$ 11,000
Facility Construction	RTS Livingston	\$ 150,000	\$ 120,000	\$ 30,000
Additional Funding for Past Bus Purchases	RTS Livingston	\$ 30,000	\$ 24,000	\$ 6,000
Type VI Buses (2)	RTS Livingston	\$ 325,000	\$ 260,000	\$ 65,000
COVID Relief Funding	RTS Livingston	\$ 736,000	\$ 368,000	\$ 368,000
2022 Operating Allocation	RTS Livingston	\$ 296,000	\$ 148,000	\$ 148,000
2023 Operating Allocation	RTS Livingston	\$ 302,000	\$ 151,000	\$ 151,000
Total	RTS Livingston	\$ 4,550,364	\$ 3,240,091	\$ 1,310,273
Parking Lot Sealing	RTS Ontario	\$ 25,000	\$ 20,000	\$ 5,000
Bus Wash System Design & Construction	RTS Ontario	\$ 25,000	\$ 20,000	\$ 5,000
HVAC Improvements	RTS Ontario	\$ 50,000	\$ 40,000	\$ 10,000
Fuel Island Replacement	RTS Ontario	\$ 40,000	\$ 32,000	\$ 8,000
Road Service Truck	RTS Ontario	\$ 48,000	\$ 38,400	\$ 9,600
Tire Changing Machine	RTS Ontario	\$ 30,000	\$ 24,000	\$ 6,000
Non Revenue SUV	RTS Ontario	\$ 34,500	\$ 27,600	\$ 6,900
Regional Manager SUV	RTS Ontario	\$ 34,500	\$ 27,600	\$ 6,900
Prelim Design & Environmental	RTS Ontario	\$ 500,000	\$ 400,000	\$ 100,000
Additional Funding for Past Bus Purchases	RTS Ontario	\$ 40,000	\$ 32,000	\$ 8,000
Type III Buses (2)	RTS Ontario	\$ 325,000	\$ 260,000	\$ 65,000
Type VI Bus	RTS Ontario	\$ 268,248	\$ 214,598	\$ 53,650
COVID Relief Funding	RTS Ontario	\$ 1,340,000	\$ 670,000	\$ 670,000
2022 Operating Allocation	RTS Ontario	\$ 770,000	\$ 385,000	\$ 385,000
2023 Operating Allocation	RTS Ontario	\$ 786,000	\$ 393,000	\$ 393,000
Total	RTS Ontario	\$ 4,316,248	\$ 2,584,198	\$ 1,732,050

Rochester Genesee Regional Transportation Authority
Federal Section 5311 Consolidated Grant Application for 2022 and 2023

	Company	Total	Federal	Non-Federal
APC System	RTS Orleans	\$ 40,000	\$ 32,000	\$ 8,000
Undercarriage Bus Wash System	RTS Orleans	\$ 250,000	\$ 200,000	\$ 50,000
Fareboxes	RTS Orleans	\$ 17,403	\$ 13,922	\$ 3,481
Type III Buses (2)	RTS Orleans	\$ 325,000	\$ 260,000	\$ 65,000
COVID Relief Funding	RTS Orleans	\$ 484,000	\$ 242,000	\$ 242,000
2022 Operating Allocation	RTS Orleans	\$ 174,000	\$ 87,000	\$ 87,000
2023 Operating Allocation	RTS Orleans	\$ 178,000	\$ 89,000	\$ 89,000
Total	RTS Orleans	\$ 1,468,403	\$ 923,922	\$ 544,481
APC system	RTS Seneca	\$ 53,000	\$ 42,400	\$ 10,600
Bus cameras	RTS Seneca	\$ 45,014	\$ 36,011	\$ 9,003
Network Replacement	RTS Seneca	\$ 10,000	\$ 8,000	\$ 2,000
Fareboxes	RTS Seneca	\$ 23,204	\$ 18,563	\$ 4,641
Facility Construction	RTS Seneca	\$ 8,723,864	\$ 6,979,091	\$ 1,744,773
Additional Funding for Past Bus Purchases	RTS Seneca	\$ 36,000	\$ 28,800	\$ 7,200
COVID Relief Funding	RTS Seneca	\$ 610,000	\$ 305,000	\$ 305,000
2022 Operating Allocation	RTS Seneca	\$ 164,000	\$ 82,000	\$ 82,000
2023 Operating Allocation	RTS Seneca	\$ 168,000	\$ 84,000	\$ 84,000
Total	RTS Seneca	\$ 9,833,082	\$ 7,583,866	\$ 2,249,216
Network Replacement	RTS Wayne	\$ 10,000	\$ 8,000	\$ 2,000
Fareboxes	RTS Wayne	\$ 87,015	\$ 69,612	\$ 17,403
Upgraded Destination Sign Controllers	RTS Wayne	\$ 70,000	\$ 56,000	\$ 14,000
Facility Design & Environmental	RTS Wayne	\$ 500,000	\$ 400,000	\$ 100,000
Facility Construction	RTS Wayne	\$ 20,000,000	\$ 16,000,000	\$ 4,000,000
Additional Funding for Past Bus Purchases	RTS Wayne	\$ 30,000	\$ 24,000	\$ 6,000
Type III Buses (12)	RTS Wayne	\$ 2,010,000	\$ 1,608,000	\$ 402,000
Type VI Buses (2)	RTS Wayne	\$ 526,495	\$ 421,196	\$ 105,299
COVID Relief Funding	RTS Wayne	\$ 400,000	\$ 200,000	\$ 200,000
2022 Operating Allocation	RTS Wayne	\$ 547,400	\$ 273,700	\$ 273,700
2023 Operating Allocation	RTS Wayne	\$ 558,800	\$ 279,400	\$ 279,400
Total	RTS Wayne	\$ 24,739,710	\$ 19,339,908	\$ 5,399,802
Network Replacement	RTS Wyoming	\$ 10,000	\$ 8,000	\$ 2,000
Fareboxes	RTS Wyoming	\$ 52,209	\$ 41,767	\$ 10,442
Upgraded Destination Sign Controllers	RTS Wyoming	\$ 35,000	\$ 28,000	\$ 7,000
Facility Construction	RTS Wyoming	\$ 10,110,817	\$ 8,088,654	\$ 2,022,163
Additional Funding for Past Bus Purchases	RTS Wyoming	\$ 22,000	\$ 17,600	\$ 4,400
Type III Buses (10)	RTS Wyoming	\$ 1,605,000	\$ 1,284,000	\$ 321,000
COVID Relief Funding	RTS Wyoming	\$ 776,000	\$ 388,000	\$ 388,000
2022 Operating Allocation	RTS Wyoming	\$ 266,000	\$ 133,000	\$ 133,000
2023 Operating Allocation	RTS Wyoming	\$ 272,000	\$ 136,000	\$ 136,000
Total	RTS Wyoming	\$ 13,149,026	\$ 10,125,021	\$ 3,024,005
Total	All Companies	\$ 75,750,831	\$ 57,485,105	\$ 18,265,726



ROCHESTER
GENESEE REGIONAL
TRANSPORTATION
AUTHORITY

**BOARD OF COMMISSIONERS
AGENDA ITEM COVER SHEET**

Board Meeting Date:	December 15, 2022
Presenter:	Scott Adair
Subject:	Endorsing the FFY 2023 Program of Projects for the Urbanized Area and Authorizing the Filing of Applications for Capital Assistance with the United States Department of Transportation and New York State Department of Transportation.
Background:	<p>In accordance with Federal regulations, the Authority is required to annually adopt a Program of Projects ("POP"), Attachment A. The POP represents those projects for which the Authority intends to seek federal funding for a particular Federal Fiscal Year for the urbanized area. This proposed POP consists of discretionary grant awards and carry over funding for FFY2023. The Authority anticipates that this POP will be amended based on the outcome of the Authorities capital planning process for use of formula funding for FFY 2023 at the March 2023 Board Meeting.</p> <p>The resolution endorses a POP and authorizes staff to conduct a public hearing at which any interested party can offer comments. Comments can also be submitted via the US Postal Service. Any comments that are received will be shared with the Commissioners at the subsequent meeting of the Board for its consideration. In the event that no comments are received, the proposed POP automatically becomes the final POP.</p> <p>Thereafter, as authorized by this resolution the Authority staff will file and execute both Federal and New York State grant applications and subsequent grant agreements.</p>
Financial Impact:	The Program of Projects requires an up to twenty (20) percent match. These matching funds are provided for in the Authority's capital reserve fund.
Recommendation:	The Board endorses the POP and adopt the proposed POP as the final POP if no comments are received. Further, authorize the filing and execution of both Federal and New York State grant applications and subsequent grant agreements.

Our Promise: RTS makes it easy to enjoy your journey.



Resolution: RGRTA 46-2022

ENDORISING A FFY 2023 PROGRAM OF PROJECTS FOR THE URBANIZED AREA AND AUTHORIZING THE FILING OF APPLICATIONS FOR CAPITAL ASSISTANCE WITH THE UNITED STATES DEPARTMENT OF TRANSPORTATION AND NEW YORK STATE DEPARTMENT OF TRANSPORTATION

WHEREAS, the United States Secretary of Transportation is authorized to make grants for mass transportation projects; and

WHEREAS, the Rochester Genesee Regional Transportation Authority (the "Authority") is seeking to submit grant applications for mass transportation projects to the Secretary of Transportation; and

WHEREAS, the Authority is required to develop a Program of Projects that lists the projects the Authority seeks to implement and to make the Program of Projects available for public review and comment; and

WHEREAS, the grant for financial assistance will impose certain obligations upon the Authority, including a provision requiring the funding of a local share of the cost of the Program of Projects; and

WHEREAS, it is required by the United States Department of Transportation in accordance with the provisions of Title VI of the Civil Rights Act of 1964, as amended, that in connection with the filing of an application for assistance, the applicant give an assurance that it will comply with Title VI of the Civil Rights Act of 1964 and the United States Department of Transportation thereunder; and

WHEREAS, it is the goal of the Authority that disadvantaged business enterprises be utilized to the fullest extent possible in connection with these projects, and that definite procedures be established and administered to ensure that disadvantaged businesses shall have the maximum feasible opportunity to compete for contracts when procuring construction, supplies, equipment, or consultant and other services.

NOW, THEREFORE, BE IT RESOLVED by the Board that:

1. The attached proposed Program of Projects is endorsed by the Board for the use of Congestion Mitigation and Air Quality Improvement (CMAQ), FTA Section 5339(b) Bus & Bus Facilities Program & FTA Section 5339(c) Low or No Emission Program funds made available by the New York State Department of Transportation and Federal Transit Administration for federal fiscal year 2023.
2. The Chief Executive Officer or his designee is authorized to publish a Notice of Public Hearing, inviting the public and private transportation providers to comment upon the application and hold such hearing. If no comments are received in response to this Public Hearing, the proposed Program of Projects shall become the Authority's final Program of Projects.
3. The Chief Executive Officer or his designee is authorized to execute and file and/or amend any necessary application on behalf of the Authority for matching funds or supplemental

funding for this Program of Projects with the United States Department of Transportation and the New York State Department of Transportation.

4. The Chief Executive Officer or his designee is authorized to execute and file with such applications, and assurance or any other document required by the United States Department of Transportation effectuating the purpose of Title VI of the Civil Rights Act of 1964.
5. The Chief Executive Officer or his designee is authorized to furnish such additional information as the United States Department of Transportation or the New York State Department of Transportation may require in connection with the applications for this Program of Projects and/or the amended Program of Projects.
6. The Chief Executive Officer or his designee is authorized to set forth and execute affirmative disadvantaged business policies in connection with the Program's procurement needs.
7. The Chief Executive Officer or his designee is authorized to execute grant contract agreements, amendatory or supplemental grant contract agreements, and related documents on behalf of the Authority with the United States Department of Transportation, Federal Transit Administration and the New York State Department of Transportation for aid in the financing of the elements of the Program of Projects.
8. The non-federal share of this Program of Projects will be derived from New York State legislated programs, from local constituent governments as required by State law and from the Authority.
9. The Chief Executive Officer or his designee is hereby authorized, empowered and directed, for and on behalf of the Authority; to perform any and all actions and to execute any and all documents on behalf of the Authority as may be deemed necessary, appropriate or advisable to carry out the intent and purposes of the foregoing resolution.
10. This Resolution shall apply, in its entirety, to this Program of Projects, as approved by the Authority's Board for execution.

CERTIFICATION

The undersigned hereby certifies that the above is an excerpt from the Minutes of a Regular Meeting of the Rochester-Genesee Regional Transportation Authority, which was held on December 15, 2022 and that the Resolution is still in full force and effect.

Donald Jeffries, Chairman

Date: December 15, 2022
Rochester, New York

ROCHESTER GENESEE REGIONAL TRANSPORTATION AUTHORITY
Proposed Program of Projects - FFY 2023

Project Description	FFY 2023 5307 & 5339 Funds (Federal Share)	FFY 2023 Non-Federal Share	Total Estimated Project Funding
RTS Access Facility	\$ 18,446,661	\$ 7,453,339	\$ 25,900,000
Hydrogen Fuel Cell Powered Buses & Fueling Infrastructure	\$ 12,043,331	\$ 3,010,833	\$ 15,054,164
Bus Customer Amenities	\$ 576,400	\$ 144,100	\$ 720,500
Shared Mobility Project	\$ 162,000	\$ 40,500	\$ 202,500
Community Mobility Zone Operations	\$ 6,630,000	\$ 1,657,500	\$ 8,287,500



2022 STANDING CALENDAR

Document Date: 12/02/22 Calendar is subject to revisions/additions

MEETING INFORMATION	DATE	TIME
RGRTA Governance Committee Meeting	Thursday, May 5, 2022	10:00AM - 11:30AM
RGRTA Quarterly Board Meeting	Thursday, May 5, 2022	Noon - 2:00PM
RGRTA Regular Board Meeting	Thursday, June 2, 2022	RESCHEDULED
RGRTA Annual Meeting	Thursday, June 2, 2022	RESCHEDULED
RGRTA Governance Committee Meeting	Thursday, June 2, 2022	Noon - 1:30PM
RGRTA Audit/Finance Committee Meeting	Thursday, June 23, 2022	10:00AM – 11:30AM
RGRTA Regular Board Meeting	Thursday, June 23, 2022	Noon - 2:00PM
RGRTA Regular Board Meeting	Thursday, July 7, 2022	CANCELLED
RGRTA Governance Committee Meeting	Thursday, August 4, 2022	10:30AM – 11:30AM
RGRTA Quarterly Board Meeting	Thursday, August 4, 2022	Noon - 1:30PM
RGRTA Annual Meeting	Thursday, August 4, 2022	1:30PM - 2:00PM
RGRTA Governance Committee Meeting	Thursday, September 1, 2022	CANCELLED
RGRTA Regular Board Meeting	Thursday, September 1, 2022	RESCHEDULED
RGRTA Regular Board Meeting	Thursday, September 22, 2022	Noon – 2:00PM
RGRTA Regular Board Meeting	Thursday, October 6, 2022	CANCELLED
RGRTA Annual Governance Training	Wednesday, October 19, 2022	10:00AM – 5:00PM
RGRTA Quarterly Board Meeting	Thursday, November 3, 2022	Noon – 2:00PM
RGRTA Audit Committee Meeting	Thursday, December 1, 2022	RESCHEDULED
RGRTA Regular Board Meeting	Thursday, December 1, 2022	RESCHEDULED
RGRTA Audit Committee Meeting	Thursday, December 15, 2022	10:00AM – 11:00AM
Special Meeting of the RGRTA Board	Thursday, December 15, 2022	11:00AM – 11:30AM
RGRTA Regular Board Meeting	Thursday, December 15, 2022	Noon – 2:00PM

Location Key:

All Meetings to be held at RGRTA: 1372 E. Main Street, Board Room and Virtually unless otherwise specified.