



# CNYSBA NEWS

**Train, Empower, Advocate, and Mobilize for Students**

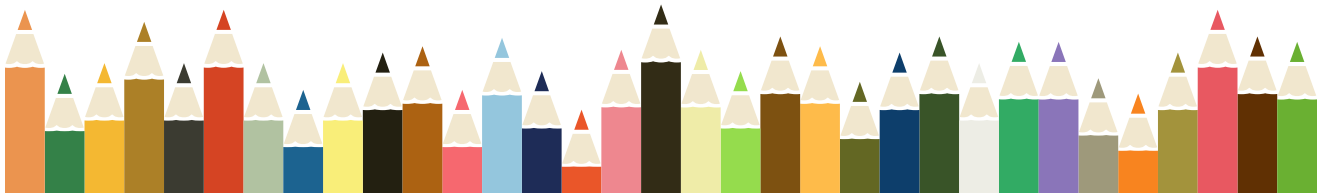


## Zero Emission Bus Update- Funding application period starts November 29<sup>th</sup>

*By Dr. Rick Timbs, Executive Director SSFC*

Governor Kathy Hochul has just announced that the State will soon release \$100 million of the \$4.2 billion Clean Water, Clean Air, and Green Jobs Environmental Bond Act of 2022 in which \$500 million is earmarked the transition to zero emission school buses.

“This announcement supports the Climate Leadership and Community Protection Act goal to reduce greenhouse gas emissions 85 percent by 2050 and Governor Hochul's 2022 State of the State initiative to require all new school buses sold in New York State be zero-emission by 2027 and all school buses on the road be zero-emission by 2035.”



## MACNY and PEB Celebrate National Manufacturing Day

*Over 400 Students and Educators at 11 Regional Manufacturing Facilities*

October is New York State's official celebration of Manufacturing Month, which aligns with National Manufacturing Day, also known as MFG Day, annually held on the first Friday of this month. Over the past two days, the collective MACNY and Partners for Education & Business, Inc. (PEB) team held a two-day MFG Day Celebration to kickoff New York State's official Manufacturing Month. In celebration of this momentous month, MACNY and PEB worked with 11 manufacturers to showcase their facilities to over 400 educators and students from more than a dozen school districts across our region. "Manufacturing Month shines the spotlight on the manufacturing industry and provides us with an opportunity to positively influence the perception of manufacturing, inspire the workforce of tomorrow, and engage with our community—students, educators, business leaders, elected officials, and beyond," stated Randy Wolken, President & CEO of MACNY.

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*Itbaca City Schools add electric busses. Credit ICSD Communications*

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For school districts, this means that beginning in the school year 2027-28 through 2035-36 all school bus purchases must be Zero Emission Buses (ZEBs)

The announcement included the following statement:

*"...the New York State Energy Research and Development Authority (NYSERDA) released the program rules, officially launching the pre-application process through which bus manufacturers and dealers can apply to qualify for the New York School Bus Incentive Program (NYSBIP). The program rules will guide the total Bond Act allotment of \$500 million for zero-emission school buses and infrastructure. The application process to receive funding will open on Wednesday, November 29, 2023. To provide more information about the NYSBIP goals, guidelines, process, and timelines, ....For continued program updates, please [join our mailing list](#).*

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The announcement went on to say:

Recently, Governor Hochul announced the [New York State Electric School Bus Roadmap](#) and the [Electric School Bus Guidebook](#) to help New York P-12 schools transition bus fleets to zero-emission. These resources provide school districts and bus operators with the technical assistance necessary to remove fossil fuel vehicles from service and help reduce transportation emissions with a focus on disadvantaged communities and high-need school districts. Both the Roadmap and Guidebook pinpoint critical factors and decisions that school districts and bus operators face when considering zero-emission buses. Additionally, NYSERDA and the utility providers who cover the majority of the State's school districts will provide technical assistance to support school districts and fleet operators plan for the transition.

The New York State Council Of School Superintendents (NYSCOSS) recently reported: "The EPA also announced \$500 million in rebate funding for their clean school bus program. This is the second round of this program. Here is a [one-pager](#) on the initiative."

Here are some general considerations with regard to ZEBs that have been used by various entities to support the ZEB initiative:

What is the cost of the Zero Emission Bus Initiative to school districts in New York State?

The cost of the Zero Emission Bus Initiative to school districts in New York State can vary widely depending on several factors, including the size of the school district, the number of buses in their fleet, and the specific technology and infrastructure chosen for electrification. Here are some key considerations:

- 1. Initial Bus Purchase Cost:** Zero-emission buses, such as electric or hydrogen fuel cell buses, tend to have a higher upfront purchase cost compared to traditional diesel buses. School districts will need to budget for these higher acquisition expenses when transitioning to cleaner technologies.
- 2. Charging Infrastructure:** If a school district chooses electric buses, they will need to invest in charging infrastructure. The cost of installing charging stations at bus depots or schools can be significant, depending on the number of buses and the capacity of the charging equipment.
- 3. Maintenance and Training:** While zero-emission buses often have lower operating costs over their lifespan, there may be initial expenses associated with training maintenance staff to work with the new technology and ensuring they have the necessary equipment and tools for maintenance and repair.

4. **Electricity Costs:** Electric buses require electricity to charge, which will be an ongoing operational cost. The electricity cost will depend on the local utility rates and the energy efficiency of the buses.
5. **Grants and Funding:** It's important to note that there may be grants and funding opportunities available to school districts to help offset the upfront costs of transitioning to zero-emission buses. These grants can significantly reduce the financial burden on school districts.
6. **Total Cost of Ownership (TCO):** School districts should consider the Total Cost of Ownership, which includes the purchase price, operating costs (fuel, maintenance, etc.), and any potential savings in operating expenses over the lifetime of the buses. Zero-emission buses may have a favorable TCO over time, despite the higher initial costs.
7. **Resale Value:** Some zero-emission buses may have a higher resale value compared to traditional buses at the end of their life cycle, which can mitigate some of the initial costs.

It's important for school districts to conduct a detailed cost-benefit analysis and consider long-term financial planning when evaluating the adoption of zero-emission buses. While the initial investment may be higher, the environmental and health benefits, potential cost savings over time, and available grants can make the transition to cleaner transportation a financially viable and environmentally responsible choice for school districts in New York State.

Additionally, there are ZEB reporting requirement:

Annual Progress Reporting Requirement Begins in the 2024-25 School Year:

- Sufficiency of the district's electrical infrastructure to support ZEBs.
- Number Charging station and other components.
- Labor force training to date.
- Number and proportion of ZEBs purchased, leased or utilized.
- Number of ZEBs anticipated in the next two years.
- Number and Proportion of ZEBs utilized by transportation service providers.
- Number and Proportion of ZEBs anticipated to be utilized by transportation service providers in the next two years.

There is still much to discover about this initiative including its effect on each school district long rang financial plan, fund balances, reserves and other fiscal considerations including but not limited to Transportation Aid and Building Aid.

This is a work in progress for both New York State and School Districts.

Be Well,  
Rick

CNYSBA ROUNDTABLE

# ELECTRIC SCHOOL BUS MANDATE

“WHAT WE ALL NEED TO KNOW” with DR. RICK TIMBS

**DON'T MISS THIS ONE!**



## OCTOBER 25, 2023

### 5:30 - 6:30 PM

**CNYSBA**  
click here  
To register

- This is a virtual event
- Dr. Rick Timbs will present a crash course on the Electric Bus Mandate for New York Schools
  - Is it feasible
  - How do we pay for it?
  - What questions should we be asking?
  - How do we prepare?

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The goal of these events is to show students and educators the reality of modern manufacturing careers and highlight the career opportunities that exist in manufacturing in our area. MFG Day also empowers manufacturers to come together to address their collective challenges so they can help their communities and future generations thrive. “While this annual event features a high volume of tours over two days, the critical effort to help companies connect with their future workforce takes place all year long with our work in schools across the region,” shared Taylor Hodge, Director of Partners for Education & Business, Inc.

Due to an overwhelming amount of interest from educators and employers, MACNY coordinated tours on both Thursday, October 5th and Friday, October 6th with companies from across Central New York and the Mohawk Valley, including Bartell Machinery Systems, Byrne, Eagle Metalcraft, ICM Controls, Indium Corporation, ITT Goulds Pumps, Golden Artist Colors, N.E.T. & Die, PaperWorks, Schneider Packaging, and United Radio. These forward-thinking manufacturers showcased their innovative technology, demonstrated how local products are made, educated students about the diverse opportunities available to them, and empowered this next generation to pursue careers in an ever-evolving industry. “As leaders in the industry and a longstanding employer in the community, we feel a sense of duty to educate the next generation on the valuable career opportunities available in manufacturing,” said James Buller, Vice President & General Manager, Americas at ITT Goulds Pumps. “We look forward to working with MACNY to show students how a modern production environment works.”

Several state legislators also joined us for MFG Day tours to show their support for the manufacturing community. New York State Assembly Member Al Stirpe, New York State Assembly Member Brian Manktelow, New York State Senator Rachel May, New York State Senator John Mannion, and a representative from the office of New York State Assembly Member Buttenschon’s office joined us at various locations on October 5<sup>th</sup> and 6<sup>th</sup>.

In addition to Manufacturing Day, MACNY and PEB will hold other exciting events throughout the month of October in celebration of Manufacturing Month.

On October 7, the **Future Women in STEM Series** at the MOST will begin with its first event of the season. This free series is presented by MACNY, sponsored by JP Morgan Chase, and is targeted towards girls in 6th-8th grade. At each month's event, female professionals from local companies will lead students in a fun, hands-on activity together to spark interest in the growing fields of science, technology, engineering, and math (STEM). This monthly series begins in October and runs through May.



The Manufacturers Association

On October 10, MACNY will host its annual **Legislative Breakfast** in Syracuse, NY. This event brings together manufacturing leaders and elected officials to discuss legislative and regulatory issues impacting manufacturing processes and facilities, and subsequently employment and growth.

MACNY and PEB will also take part in several community events, including:

- **Oswego County Manufacturing Day Expo 2023**
- SCSD High tech Manufacturing & Innovation Day
- **The Raymond Corporation's month-long virtual Manufacturing Day event**
- **Technology Alliance of Central New York's Sweet Science Series: Tour of G.A. Braun**

Manufacturing Month would not be possible without the generous support of this year's sponsors: ITT Goulds Pumps, Bank of America, Indium Corporation, Byrne, TDO, Bartell Machinery Systems, PaperWorks, SRC, Le Moyne College Keenan Center for Entrepreneurship, Innovation and Creativity, the Technology Alliance of Central New York (TACNY), The MOST, and AmeriCU. These sponsors join thousands of manufacturers across the U.S. in supporting education around the realities of modern manufacturing to inspire the next generation of creators.



# Thank You Board Members!

**NYSSBA Spotlight**

**REGISTER TODAY!**

THERE ARE MANY *Tools* FOR OVERCOMING THE URGENT CHALLENGES FACING *Public Education*



Wouldn't it be nice to find them all in one place?

Attend NYSSBA's Annual Convention & Education Expo to learn, exchange ideas and better serve all of your students.

NYSSBA's  
**Annual Convention & Education Expo**  
OCTOBER 26-28, 2023 • BUFFALO



**Have your students or district accomplished something special that you would like to share? We would love to feature them in our newsletter.**

Email us: [Ashley@cnysba.org](mailto:Ashley@cnysba.org)



**Visit the New SSFC Website.**

**[www.SSFCdata.org](http://www.SSFCdata.org)**

*Get the latest data and school finance information from Dr. Rick Timbs.*

The Statewide School Finance Consortium (SSFC) is an organization of more than 400 New York State public school districts whose mission is to bring equity to the distribution of New York State educational aid. SSFC membership is largely comprised of school districts from average and low-wealth communities that receive a disproportionate share of state funding in comparison to high-wealth regions of New York. The reform of the state aid process will help ensure that all of New York's children receive the same educational opportunities regardless of the wealth or location of their community.

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Who have so generously supported our many program offerings.

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## Capital Region Schools Welcome Half of Upstate's Migrant Students



*By Kathleen Moore / Times Union Photo by Will Waldron / Times Union*

ROTTERDAM — Through song and play, the dozens of children of migrants who do not speak English were welcomed at Mohonasen schools the last two weeks.

On the first day, school officials watched the children closely to see if they felt comfortable and safe. It was going to be a big transition: They were surrounded by people speaking a different language, in a school unlike any they'd attended before.

But at the end of the day, the students seemed happy.

“The same smiles I saw getting on the bus in the morning were still there as they left campus,” said Katie Lossi, academic administrator for the humanities at Mohonasen, a suburban school district just outside Schenectady.

In total, 253 children sent from New York City by way of the U.S. border have been placed in upstate New York since July, while another 2,500 such students in grades K-12 stayed in the city, according to the state Education Department. While the adults say they intend to apply for asylum, the process is complex, and most have not yet finished their applications.

That means Mohonasen, as well as the North Colonie school district in Albany County, are welcoming almost half of the migrant students upstate. Between the two school districts, they have registered 110 children.

[Read the complete story here.](#)

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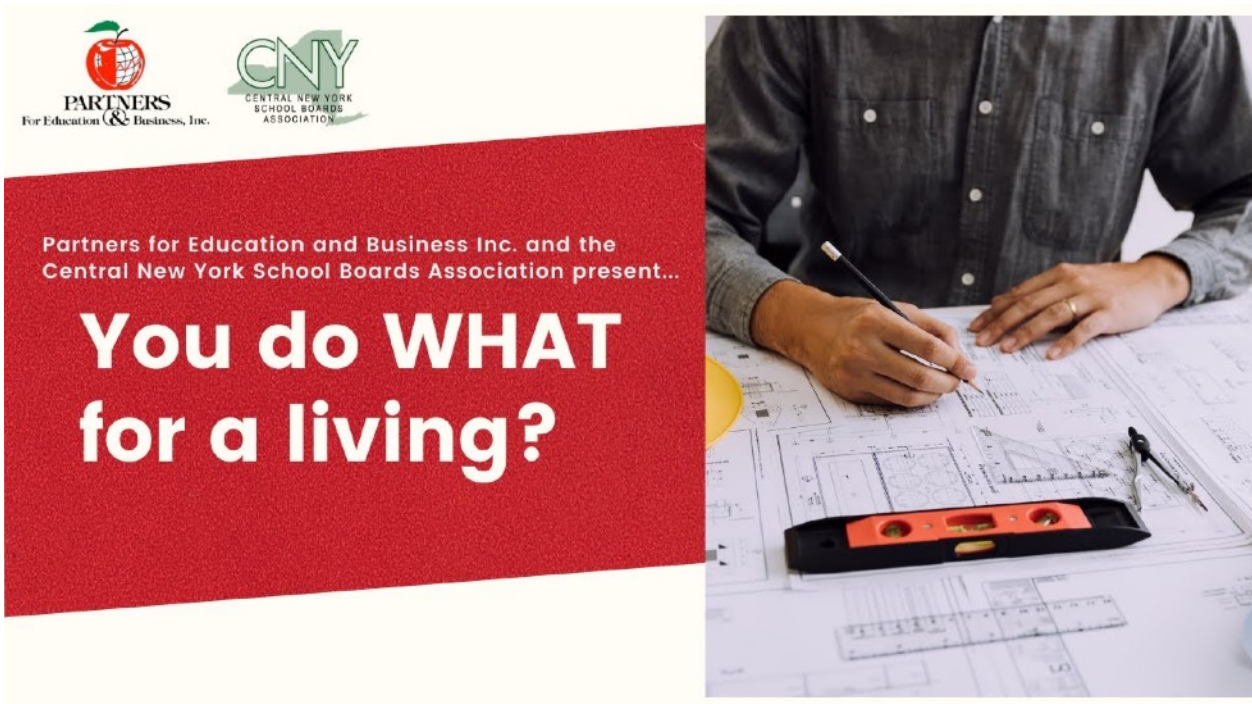
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# You Do What for a Living?

*Watch our video segment, You Do What for a Living? to learn about Chef Eric Smith, of Giovanni Foods. He's the Director of Culinary Research and Development and Corporate Executive Chef at Giovanni Foods. The interview is hosted by Kathy Birmingham of Partners For Education and Business.*



Click on the Video Above to View

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