

GUEST PRESENTER – 2020 Award Winner

WA-NEE COMMUNITY SCHOOLS Transition to Propane School Buses



Amy Rosa, Director of Safety & Transportation

Propane Bus Fleet



Fueling Infrastructure



Partners for Clean Air – 2021 Award Winners

JOHN GLENN SCHOOL CORPORATION Energy Efficiency & Clean Energy



Leaders in Education



Christopher
Winchell,
Superintendent



North Liberty Elementary School
Home of the Shamrocks



Randy Romer,
NLES Principal





John Glenn School
Corporation



Our System



- Solar, coupled with efficiency improvements
- Consists of 846 Solar Panels
- Size - 338.4 kWdc (240 kWac)
- Will produce 438,648 kWh annually
- Updated LED and Controls
- Projected Savings ~\$75,000 per year





Agri-Solar-Science Education



- Long Tradition of Agri-Science Education at JGSC
- Increased Project Based and Hands-on-Learning
- K-12 programs long term goal
- 2021-2022 School Year
 - **High Ability Program, emphasizing a STEM infused, hands-on, project-based learning instructional approach, with particular focus on green energy and agri-science topics.**





John Glenn School Corp - North Liberty Elementary

Total capacity: 340.2 kW



7.5

Passenger cars off
the road for one year



6.2

Homes off the grid
for one year



1,350

Incandescent lamps
switched to LEDs



41.6

Acres of U.S. forests
in one year

Today's Weather



Cloud Cover: 0%

Sun Hours: 12.2

High: 70°F

Low: 37°F

275.8 kW

Power

1.728 MWh

Today

39.84 MWh

This Month

50.07 MWh

This Year

50.07 MWh

All Time

Demand Profile

Timezone ☐ Meter

This Month

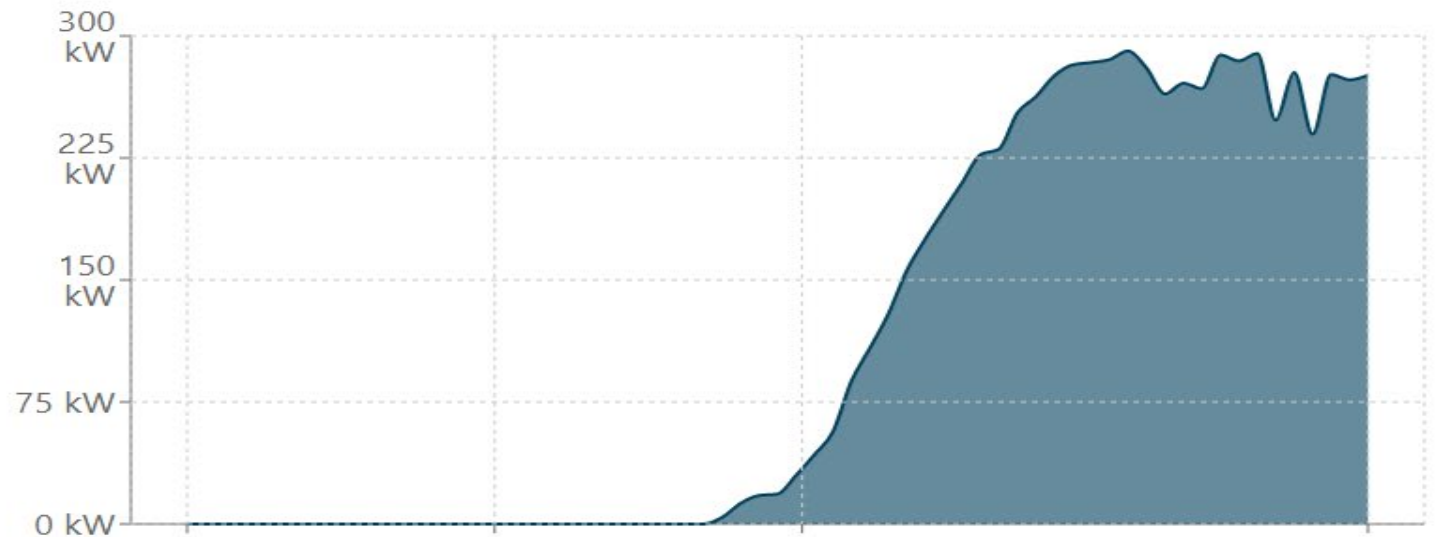
Last Week

This Week

Yesterday

Today

Custom Range



Conclusion

On behalf of North Liberty Elementary and the John Glenn School Corporation, we want to thank the Michiana Area Council of Governments Partners for Clean Air.

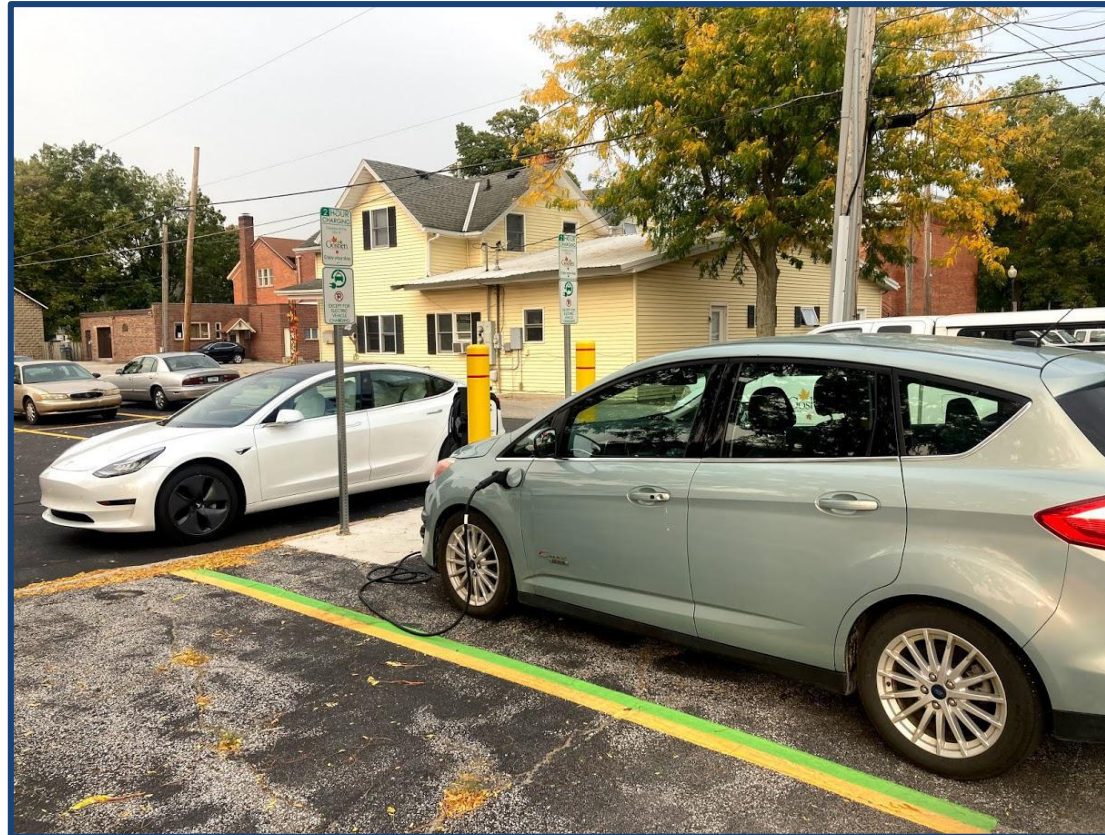
Your strong vision for the future and recognizing organizations that are like minded with the ability to expand opportunities for a cleaner and greener future.



Partners for Clean Air – 2021 Award Winners

CITY OF GOSHEN

Clean Transportation & Environmental Resilience



Goshen: On the Road to Clean Air

Partners for Clean Air 2021





City Solar Array at Waste Water Treatment Plant



Main Street Redesign – Downtown Goshen



Trees Planted along US 33 Bypass

Background

4/30/19



Mayor's Environmental Advisory Committee created. The Common Council and Mayor Stutsman passed Resolution 2019-19 to “**create and implement a Climate Action Plan by 2021.**”

November `19



The City of Goshen Department Heads and the Mayor create the **Dept. of Environmental Resilience** with the first project being **to pioneer Resolution 2019-19.**

2020-2021



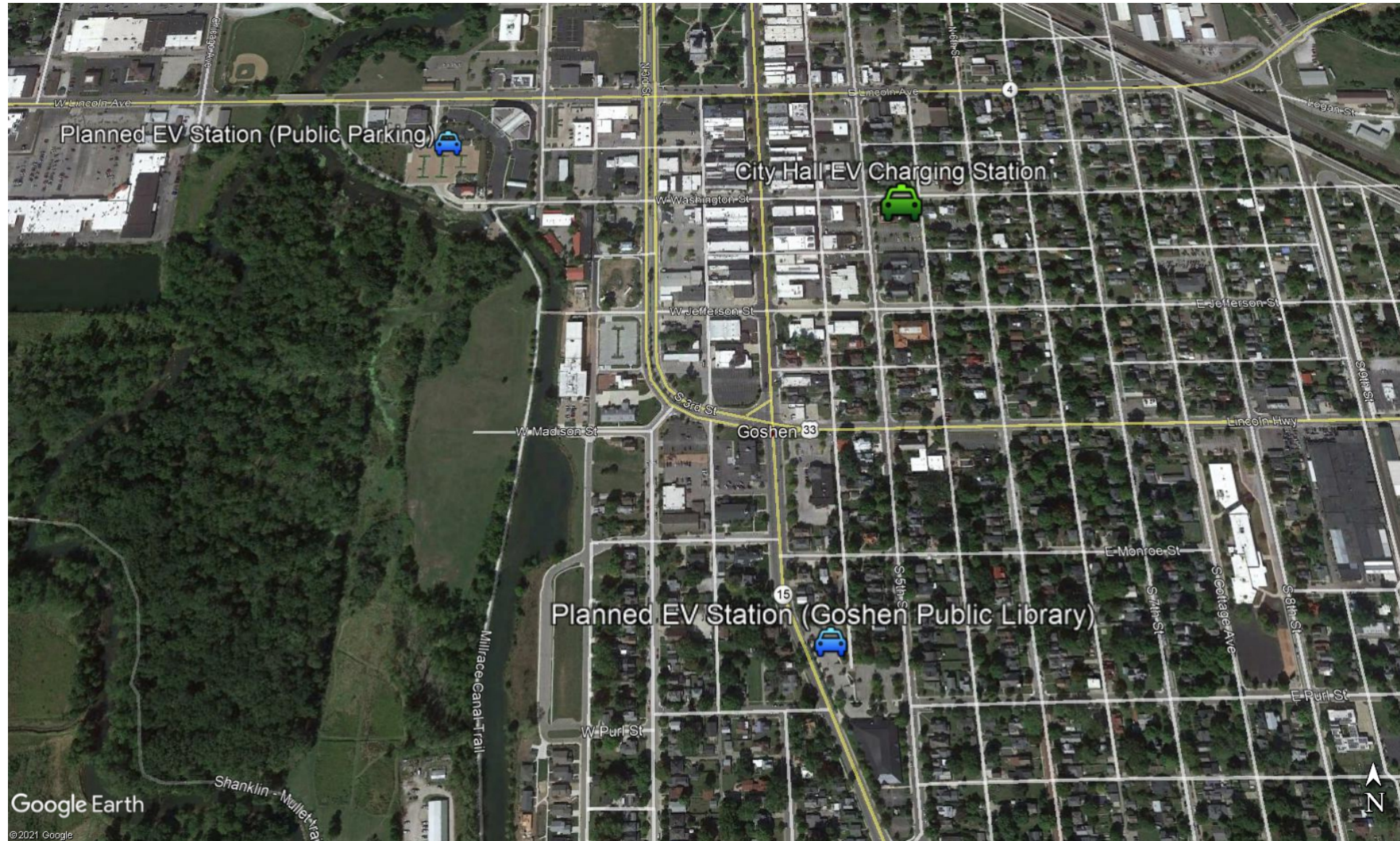
The City of Goshen Dept. of Environmental Resilience begins work on **local government Climate Action Plan**, to be completed Spring 2021.



Goshen City Hall EV Charging Station

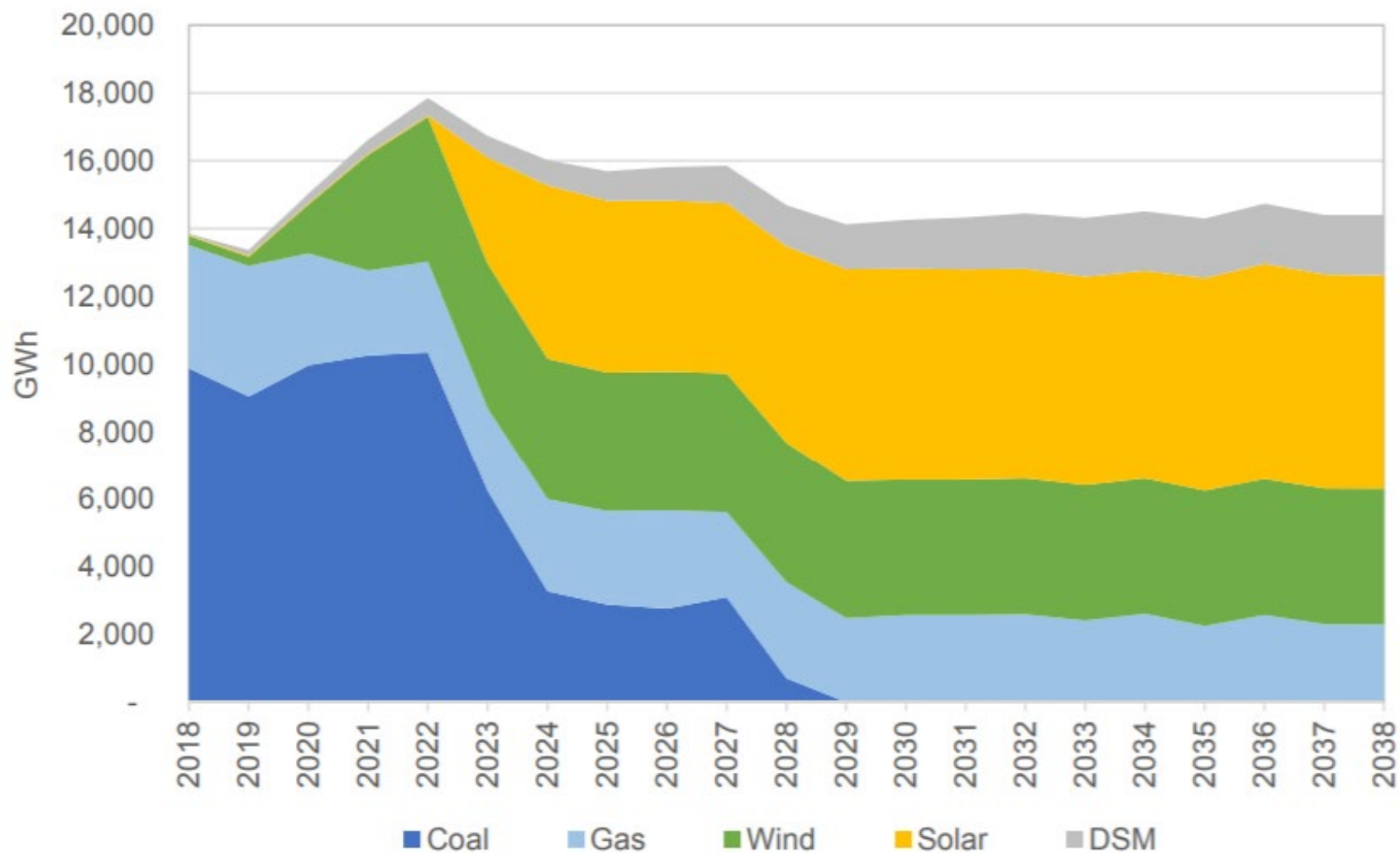


Planned Sites for EV Stations in Downtown Goshen



Planned Bike Connector Route Through Downtown Goshen





NIPSCO's preferred generation mix as denoted by their Integrated Resource Plan in 2018 showing a retirement of coal plants in 2023 and 2028 and an addition of wind and solar resources alongside demand side management (DSM).

Environmental Justice = Social Justice and vice versa

How can we provide equitable eco-benefits for everyone?

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UNIVERSITY OF NOTRE DAME Clean Energy



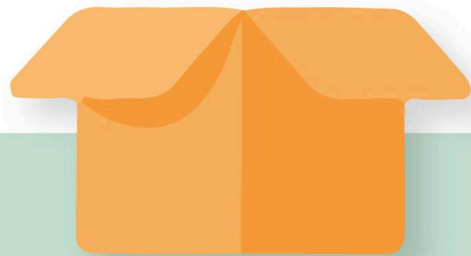


Video: Message from Paul Kempf, University of Notre Dame

Partners for Clean Air – 2021 Award Winners

RECYCLING WORKS, INC. Recycling & Education

SINGLE STREAM RECYCLING



CARDBOARD



NEWSPAPER



MILK JUGS



ALUMINUM CANS



DETERGENT



WATER BOTTLES



ITEMS THAT CANNOT BE RECYCLED:

PLASTIC GROCERY BAGS  STRAWS  SANDWICH BAGS  BREAD BAGS  CANDY WRAPPERS  CHIP BAGS  BATTERIES 

*PLEASE EXCLUDE ALL PLASTIC BAGS AND FILM UNTIL FURTHER NOTICE

Why Do We Recycle?



The Benefits of Recycling

- Conserves natural resources
- Saves energy
- Reduces GHG emissions
- Contributes to local economy
- Recycling is a quality of life concern



Brightmark

- Reduction in residue
- Increase diversion
- Contributes to local economy
- New market



Feet on the Street

Cart Tagging and Educational Campaign

- St. Joseph County
- Oops Tagging
- Increase Participation
- Decrease Contamination



Material Recovery Facility

2021

- Increase Capacity
- Increase Technology
- Increase Quality
- Decrease Contamination

