St. Louis Clean Cities

U.S. DEPARTMENT OF ENERGY | Energy Efficiency & Renewable Energy

AQAC

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SiLVERS

- St. Louis Vehicle Electrification Rides for Seniors (SiLVERS) project is to increase EV adoption and reduce transportation-related operating expenses for social service agencies in low income communities.
- 5 Chevy Bolts and level 2 chargers to be us at Northside Youth and Senior Services and City Seniors.
- Community Partners: St. Louis Area Agency on Aging, North Newstead Association, Northside Youth and Senior Services Center, St. Louis City Seniors (City Seniors, Inc)

AMP (Affordable Mobility Platform)

Project, rideshare EV's in affordable will be placed in affordable housing sites

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StL Downtown Link/ Labrinth Smart Mobility

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STL Downtown Link Revised Map with Arch and Landing Pickup and Dropoff Locations

Attachment 3

Electrify MISSOURI

States involved

DRIVE ELECTRIC USA

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Grant priorities

1. Building Statewide, Branded EV Programs/Initiatives

2. Consumer Education and Local Chapter Development

3. Utility and Regulator Education and Engagement

4. Charging Infrastructure Planning - Corridor, Urban and Rural

5. Local and State Policymakers and Officials Education

6. Dealer Education and Programs

7. Fleet Electrification

Trinity 2.0/ St. Louis

HOW BIODIESEL CAN IMPROVE ST. LOUIS'S PUBLIC HEALTH

Cancer Risk from Diesel Transportation Particulate Matter (St. Louis, MO)

By replacing petroleum diesel with lower-carbon biodiesel, St. Louis can eliminate harmful transportation emissions, reducing communities' medical costs and healthcare burdens.

65% LOWER cancer burden
= 409 fewer cases

$205 MILLION per year
26.1 avoided premature deaths (longer lives)

$2.75 MILLION per year
8,250 fewer asthma attacks (lesser symptoms)

$1.29 MILLION per year
18,600 fewer restricted-activity days (more exercise)

$556,000 per year
3,140 fewer lost work days (greater productivity)

Reduced Risk from B100 Biodiesel (St. Louis, MO)

According to Biodiesel Health Benefits Study

Clean Fuels ALLIANCE AMERICA

Materials sponsored by soybean farmers and their checkoff.

cleanfuels.org

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The Offsetting Impact of Expanded Biomass Based Diesel Production on Diesel Prices

- This study was prepared by World Agricultural Economic and Environmental Services (WAEES).
- Study shows that U.S. biodiesel and renewable diesel production generates a 4 percent decrease in the price of diesel fuel
- At today's national average price for diesel fuel, the savings is equal to about 22 cents per gallon.
- The U.S. biodiesel and renewable diesel industry supports 65,000 U.S. jobs and more than $17 billion in economic activity each year.
- Every 100 million gallons of production supports 3,200 jobs and $780 million in economic opportunity. Biodiesel production supports approximately 13 percent of the value of each U.S. bushel of soybeans.

CNG/Propane

- Amazon added 18 regional trucks to St. Louis, fueling at Spire station on Cypress.
- 60 DGE a day (diesel gallon equivalent) each. They will offset close to 400,000 gallons of diesel a year.

- Reminder propane and CNG has the same MPG and does not fluctuate in price like gasoline and diesel. Save big money right now plus no aftertreatment headaches.

BayoTech
ON-SITE HYDROGEN

1000kgs/day

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St. Louis Regional

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