Low Carbon Buses

DESCRIPTION

Low Carbon Buses provides funding for local and state transit agencies to establish new or expanded bus service and to replace or expand their existing fleets with battery-electric buses (BEBs) to increase low- and zero-emission heavy-duty use in public transit. Low Carbon Buses also installs battery electric bus (BEB) charging stations at bus depots.

BENEFITS

Expanding and electrifying bus service in the Commonwealth unlocks quality workforce opportunities in the fields of construction, engineering, and public transportation. These investments also create long-term job benefits by providing transportation and fuel cost savings for transit operators and new transit riders. Electrified buses deliver significant public health measures when they replace polluting diesel-powered buses, create convenient healthy alternatives to personal vehicles, and reduce overall traffic.

RESULTS

Each dollar invested supports 55 percent more jobs than a dollar invested in the state’s ten largest industries. Additionally, every dollar invested in Low Carbon Buses saves $5.16 in fuel savings, congestion reduction, and improved public health.

INVESTMENT SCALE

Moderate $ $ $

DEPLOYMENT SPEED

Fast

TOP OCCUPATIONS

1. Transit and Intercity Vehicle Drivers
2. General and Operations Managers
3. Bus and Truck Mechanics
4. Office Administrators
5. Customer Service Representatives

BENEFITS PER MILLION INVESTED

Fuel Cost Savings $1,119,500
Physical Activity Health Benefits $1,521,000
Travel Time Savings $1,626,800
Avoided traffic accident fatalities or injuries
Air Pollution Health Benefits $444,500
Saved lives and avoided illnesses from increased walking and cycling

Total $5,155,100

These findings are an excerpt from Investing in a Better Massachusetts: An Analysis of Jobs and Community Benefits from Green Investments. Read the full report here.