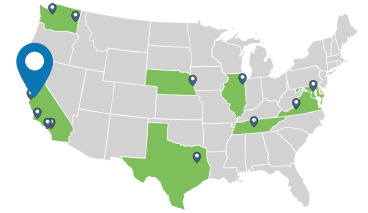


# Oakland Unified School District

Zūm, the nation's leading provider of modern student transportation, in accordance with the Biden Administration's Justice 40 initiative, and financed in partnership with the California Air Resources Board (CARB) and the Environmental Protection Agency (EPA), is partnering with Oakland Unified School District (OUSD) to bring more efficient routes, cleaner air, and 100% electrified buses beginning August 2024.



# Why Oakland?

The California Air Resources Board (CARB) designates Oakland as a "disadvantaged community" — one that is disproportionately affected by multiple sources of pollution. Zūm serves 76 OUSD schools, all of which are Title I.

Of cities nationwide, Oakland ranks

In the **87th** percentile for **pollution burden**



In the **92nd** percentile for **diesel exposure**



In the **93rd** percentile for **asthma**



Zūm transports

**1,300**



**special needs OUSD students every day**



According to U.S. News & World Report

**90%** of students are minorities

**57.9%** are economically disadvantaged

Every day, Oakland's school children

**Breathe Diesel Polluted Air** that diminishes their ability to learn and **lowers their quality of life**



# The Solution

Zūm is partnering with OUSD and PG&E to help clean up the district's air and replace its diesel school buses with an EV fleet by August 2024.

Over the next year, Zūm will deploy

**74**

+

**74** direct current fast-charging (DCFC) charging stations

**Type-A Electric School Buses**



and an **AI-powered virtual power plant (VPP)** for automatic and efficient charging and discharging to the grid

Every Zūm bus will be equipped with

**Vehicle-To-Grid (V2G) Capability** &



will plug back into **Oakland's power grid** during peak hours

Zūm's buses will act like mobile batteries, returning a total of



**2+** **GWh** per year

the equivalent of powering

**1M** Homes



for **3 to 4** hours

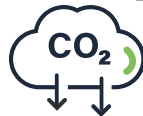
# The Big Picture

Zūm, OUSD, and PG&E's partnership will:

Eliminate up to

**25,000**

**Metric Tons** of greenhouse gas emissions



+



**Strengthen Oakland's Power Grid**

& **Supply Oakland with new, green powered jobs**



Most importantly

**Provide Oakland's students with cleaner, healthier air**

