

Electrifying public transportation

Proven, scalable solutions to meet your zero emission transit needs

Regardless of where you are in your electrification journey, bp pulse can simplify your transition to an electric fleet.

Design

Engineering and site design, route analysis, charging strategy analysis, EVSE recommendations, utility engagement, and more.

Deploy

Grant funding identification, LCFS credit management, comprehensive construction project management, permitting, and more.

Operate

Proprietary Omega CMS, unlimited configurations, utility tariff navigation, training for drivers, facilities staff, and fleet managers, and more.

Maintain

Elevate: hassle-free preventative maintenance, 24/7 customer support, triage and troubleshooting, remote and onsite repair, and more.

Charging-as-a-Service

For transit agencies that are looking for a single partner to support all aspects of EV charging, our Charging-as-a-Service (CaaS) solution bundles all of our Design, Deploy, Operate, and Maintain services for:



\$0 upfront capital expenditures (capex)



Fixed long-term pricing (\$/Mile or \$/kwh)



Performance guarantee of 99.9% vehicle uptime

Omega charge management system

Our cloud-based software automates charging when energy costs are lowest, dynamically responding to your evolving needs each shift, and sending critical alerts in real-time. Features include:

- Cost & battery optimized charging
- Compliance and emissions reporting
- Automated Load Management (ALM) for 2x charger capacity without utility upgrades
- Seamless integration with telematics, route & asset management tools
- Remote diagnostics and troubleshooting
- Active EV & EVSE monitoring

Overcome operational constraints with flexible EV charging options

For many transit agencies, operational and space constraints can be another barrier to electrification. We eliminate these roadblocks with alternative options for deploying EV infrastructure.



Inrush non-permanent charging

Options include containerized charging, surface mount with above-ground raceways, and mobile solutions on wheels. All Inrush solutions are customizable to your needs and designed to minimize operational impact.



Pantograph In-Depot Equipment (PIDE)

PIDE enables overhead charging for battery-electric buses under solar panel canopies, so you can maximize space for operations and avoid the impact of uneven surfaces. By embracing clean, renewable energy, you'll reduce electricity costs too.

Customer story: Tri Delta Transit

4 electric buses | 40% annual energy cost savings



Project highlights:

- 40% annual energy cost savings, compared to pre-managed charging
- Monetizing low-carbon fuel standard (LCFS) credits and procuring renewable electricity, further reducing total cost of ownership and emission reductions
- Accelerating plans for 100% electrification of their bus fleet

Customer story: Anaheim Transportation Network (ATN)

46 electric buses | \$4.8 million in projected savings



Project highlights:

- CaaS covers all aspects of ATN's charging operations, including integrations with EVSE, telematics, and fleet management platforms
- Deployment of 2 x Inrush containerized charging systems, each equipped with 5 chargers capable of charging 10 buses simultaneously
- Management of a 545kW solar canopy to support a microgrid
- \$4.8 million in fuel savings, compared to the cost of natural gas and more than 50% reduction in peak electrical demand

Let's electrify together

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