






The Challenge

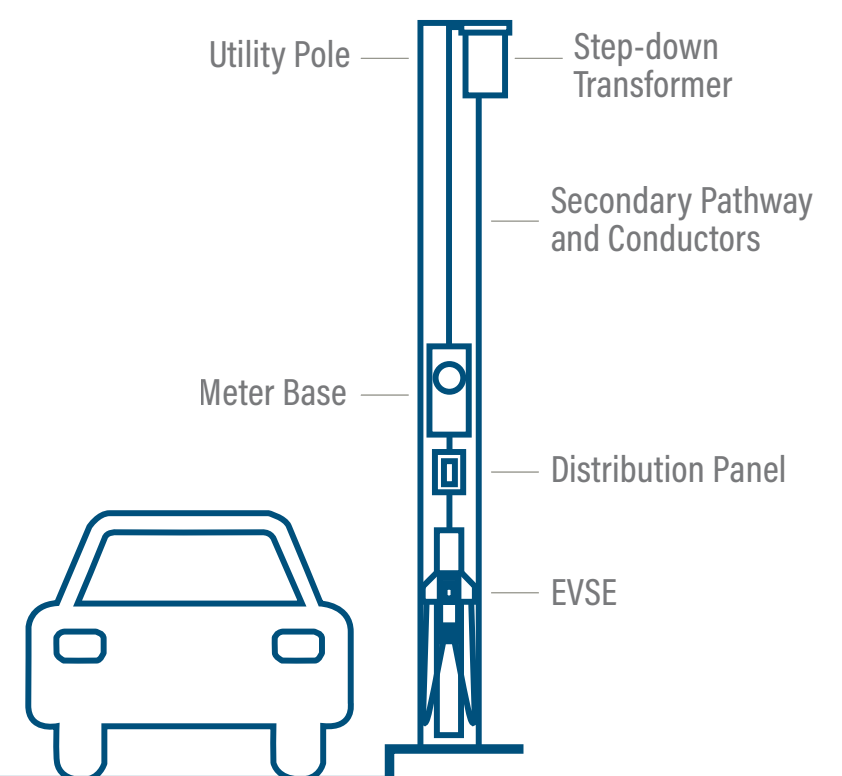
1. High installation cost for curbside L2 EVSE

2. Inequitable access to charging

The Opportunity: Pole-Mounted Chargers (PMCs)

Using existing utility and streetlight poles to site EVSE has several benefits:

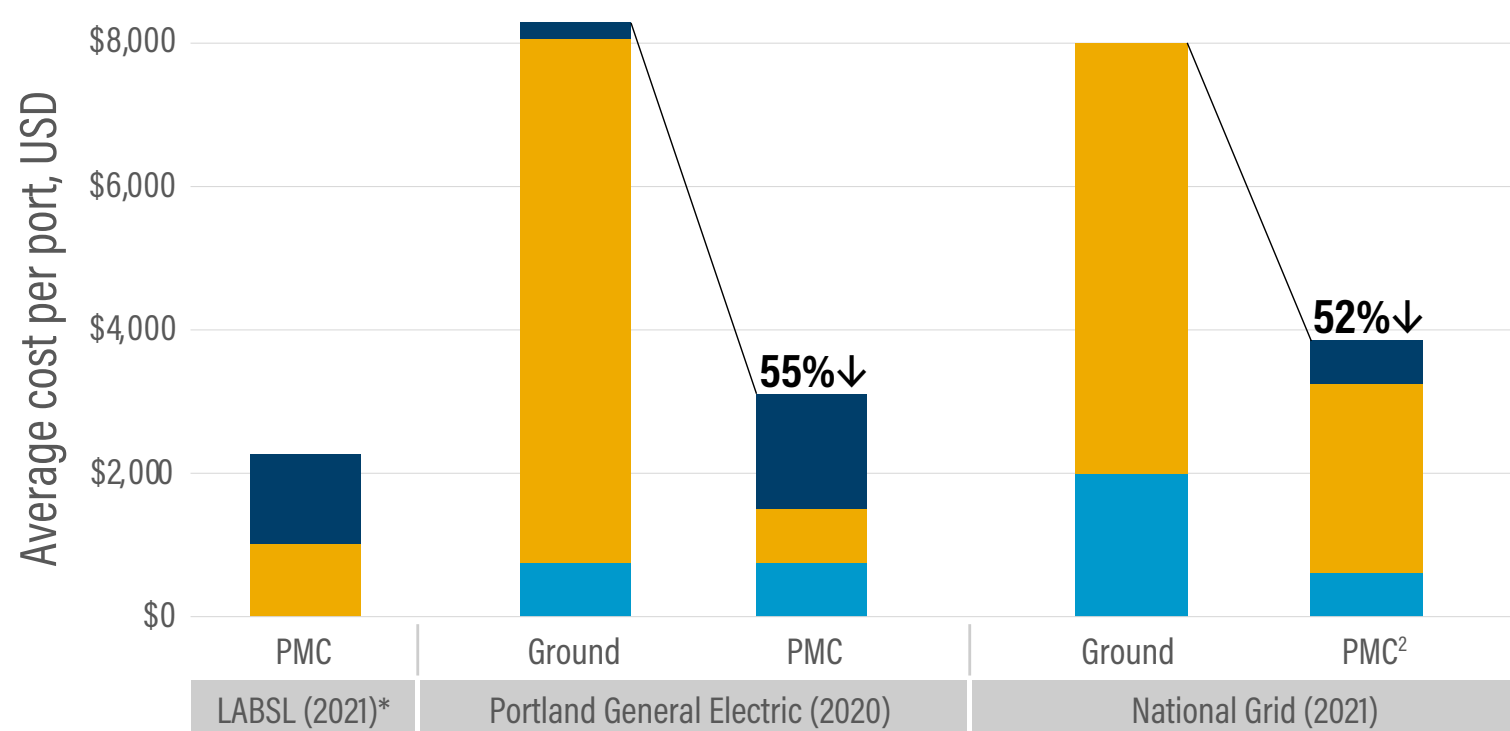
-  30-70% reduction on installation costs
-  Well-positioned to support equitable access
-  High utilization potential from ride-hailing drivers
-  Adaptable to changing curbside needs
-  Flood-resilient infrastructure



Credit: Shrestha A. 2020.

Significantly Lower Installation Costs

Level 2 AC Curbside Installation: Ground-mounted vs PMC¹



- Engineering, Design, Permits, and Fees
- Make-ready Labor, Materials and EVSE Installation
- Utility Labor and Materials

*Los Angeles Bureau of Street Lighting

Notes: 1) US\$/port excludes EVSE hardware. 2) Fixed project costs of \$1,300, not included in \$/port.



**See more PMCs
in action here!**

PMC Deployment Guidance

