

WPC BASIC AND WPC EXPANDED APPROACHES

A COMPARISON OF WORKPLACE CHARGING INFRASTRUCTURE AND IMPLEMENTATION APPROACHES

FOR WORKPLACES LOOKING FOR A TURNKEY APPROACH TO THEIR WORKPLACE CHARGING PROJECT. CHOOSE THE APPROACH THAT WORKS BEST FOR YOUR ORGANIZATION AND REMEMBER THAT YOU CAN ALWAYS **UPGRADE LATER FROM BASIC TO EXPANDED***

**Costs will apply.*

WPC BASIC

The WPC Basic concept is designed to give employers an affordable and easy way to provide workplace charging for their employees. Includes a mix of lower-cost Level 1 and Level 2 chargers, with future expansion of a similar charger mix or an upgrade to smart Level 2 chargers in mind.

WPC EXPANDED

The WPC Expanded concept provides more flexibility and functions for employers who are ready to take the next step, but at a higher cost. Includes initial installation of data- and network-capable Level 2 smart chargers with future expansion in mind.

COSTS

- Lower cost approach, less functionality
- Level 1 and Level 2 Non-Networked EVSE*
- EVSE cost of \$400-\$600 per unit



- Higher cost approach, more functionality
- Networked Smart Level 2 EVSE
- EVSE cost of \$1000-\$4000 per unit

**EVSE: Electric Vehicle Supply Equipment*

ONGOING FEES

- No ongoing connection fees



- Annual connectivity fees \$100-\$300
- Network payment fees (varies)

INITIAL INSTALLATION

- Install a mix of Level 1 EVSE (lower power capacity requirements, simpler pricing structure) and Level 2 EVSE
- Future-proof by installing extra conduit and breaker capacity



- Install 50% more charging stations than the present number of EV owners at your workplace
- Future-proof by installing extra conduit and breaker capacity

SUGGESTED LOCATION

- Close to electrical service and accessible route
- Not prime location to discourage ICE* vehicles from parking in EV charging spots
- Dedicated EV-only parking

*ICE: Internal Combustion Engine are vehicles that typically run on gas



- Close to electrical service and accessible route
- Not prime location to discourage ICE vehicles from parking in EV charging spots
- Not dedicated; first come – first serve
- Provides enough room for current EVSE with room for future expansion

PARKING ENFORCEMENT

- Prevent ICE vehicles from parking in EV charging spots (EV-parking only)
- Give priority to EV owners with a need to charge
- Dedicated spots marked with owners' registration plate numbers



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PRICING

- Monthly flat fee (via a payroll deduction) for dedicated spots
 - For example: Level 1 \$20, Level 2 \$30
- [WPC Pricing Calculator Tool](#)



- Set pricing (in kWh*) per user group: Employees, Fleet, Visitors
- Pricing of electricity is recommended to be slightly more expensive than home charging to increase charging availability

OTHER FEATURES

*kWh: kilowatt-hours

- Inexpensive, flexible installations that can be easily managed and replaced for maximized cost-benefit and ease of use



- Owner has access to control settings, features, pricing, etc. for any user group
- Robust data collection and reporting will allow expanded understanding of the costs and benefits for the owner
- Smart chargers can mitigate utility costs with power sharing and peak demand controls



REMEMBER TO CONTACT YOUR ELECTRIC UTILITY COMPANY TO SEE
HOW THEY CAN HELP

ENGAGE DRIVERS AND GAUGE INTEREST BY SURVEYING YOUR EMPLOYEES: [WPC SURVEY TOOL](#)