



## Clean Transportation

Power Your Drive for Fleets  
and Rule 45 Overview

## Transporte limpio

Resumen de 'Power Your  
Drive' y Regla 45

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## How do SDG&E's Power Your Drive for Fleets (PYDFF) program and Rule 45 relate to CERP Goals?

CERP Goals #2, #3, and #4 reference the need for EV charging infrastructure to support transition of medium and heavy-duty fleets to electric fleets with the goal of reducing emissions in Portside communities.

*Chapter 7 Actions and Strategies*

### Overall Goals for the CERP

The following aspirational goals are intended to guide the community members, businesses, organizations, and government agencies partnering in the implementation of this CERP to support health and environmental justice in the Portside Community. While there might not be a clear path to reach some of these goals, they identify the direction in which the community wants to go to achieve emission reductions beyond regulatory requirements. As technology evolves and data continues to be collected, the goals below may be adjusted.

GOAL 1. By 2031, reduce Diesel PM from 2018 levels by 80% in ambient air at all Portside Community locations.

GOAL 2. Medium and Heavy Duty trucks servicing Portside Community to be 100% ZEV 5 years ahead of the California state requirements.

GOAL 3. Establish ZEV HD/MD truck charging infrastructure in Portside, by specified dates in Action E1, with 4 sites operational by 2026.

GOAL 4. Reduce emissions from HD/MD trucks servicing indirect sources by 100% 5 years in advance of regulatory requirements.

- SDG&E's PYDFF program provides make-ready EV charging infrastructure at low to no- cost for participants
- The program reduces the cost hurdles associated with EV charging infrastructure required to transition fleets to electric vehicles

## ¿Cómo se relacionan el programa Power Your Drive for Fleets (PYDFF) de SDG&E y la Regla 45 con las metas del CERP?

Los objetivos Meta 2, 3 y 4 de CERP hacen referencia a la necesidad de una infraestructura de carga de vehículos eléctricos para respaldar la transición de flotas medianas y pesadas a flotas eléctricas con el objetivo de reducir las emisiones en las comunidades de Portside.

### Metas del CERP

META 1. Para 2031, reducir la PM de Diesel de los niveles de 2018 en un 80 % en el aire ambiente en todas las ubicaciones de Comunidad Portuaria.

META 2. Los camiones de servicio mediano y pesado que prestan servicio a Comunidad Portuaria deben estar 100 % ZEV 5 años por delante de los requisitos del estado de California.

META 3. Establecer la infraestructura de carga de camiones ZEV HD / MD en Portuaria, en las fechas especificadas en la Acción E1, con 4 sitios operativos para finales de 2026.

META 4. Reducir las emisiones de los camiones HD / MD que dan servicio a fuentes indirectas en un 100 % 5 años antes de los requisitos reglamentarios.

- El programa PYDFF de SDG&E proporciona infraestructura de carga de vehículos eléctricos lista para usar a bajo costo o sin costo para los participantes
- El programa reduce los obstáculos de costos asociados con la infraestructura de carga de vehículos eléctricos necesaria para la transición de flotas a vehículos eléctricos.



Power Your Drive *for* Fleets

Program  
Overview

Resumen  
del  
programa

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SDG&E helps install make-ready charging infrastructure for medium- and heavy-duty fleets

Program Overview

**\$107 million**

budget over 5 years

**3,000+** new EVs

on- and off-road Class 2-8

**300+** customer sites

commercial and private fleets

SDG&E ayuda instalar infraestructura de carga preparada para flotas de servicio mediano y pesado

Resumen del programa

**\$107 millones**

presupuesto sobre 5 años

**3,000+** nuevos

vehículos eléctricos

dentro y fuera de la carretera Clase 2-8

**300+** sitios de clientes

flotas comerciales y privadas



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SDG&E helps install make-ready charging infrastructure for medium- and heavy-duty fleets

### Program Requirements



**Demonstrate commitment** to procure a minimum of 2 electric fleet vehicles



**Demonstrate long-term** electrification growth plan and schedule of load increase



**Provide data** related to charger usage for a minimum of **5 years**



Own or lease the property where chargers are installed, and **operate and maintain vehicles and chargers for minimum of 10 years**

SDG&E ayuda instalar infraestructura de carga preparada para flotas de servicio mediano y pesado

### Requisitos del programa



**Demostrar compromiso** para adquirir un mínimo de 2 vehículos de flota eléctricos



**Demostrar un plan a largo plazo** de crecimiento de electrificación y un cronograma de aumento de carga



**Provide data** related to charger usage for a minimum of **5 years**



Own or lease the property where chargers are installed, and **operate and maintain vehicles and chargers for minimum of 10 years**



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# Program eligibility includes a diverse mix of on-road and off-road, medium- and heavy-duty vehicle types



## ELIGIBLE VEHICLE TYPES

### MEDIUM DUTY



Delivery & shuttle (Class 2-6)  
>6,000 LBs

### HEAVY DUTY



Transit (Class 7-8)



School bus (Class 6-7)



Goods movement (Class 7-8)



Other (Class 7-8)

### OFF-ROAD



Truck stop electrification



Transport refrigeration units



Yard trucks



Airport ground support equipment



Forklifts (Class 2 or higher)  
>6,000 LBs

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Program eligibility includes a diverse mix of on-road and off-road, medium- and heavy-duty vehicle types

La elegibilidad del programa incluye una combinación diversa de tipos de vehículos de carretera y todoterreno, de servicio mediano y pesado



## ELIGIBLE VEHICLE TYPES TIPOS DE VEHÍCULOS ELEGIBLES

### MEDIUM DUTY *SERVICIO MEDIANO*



Delivery & shuttle (Class 2-6)  
>6,000 LBs  
*Entrega y transporte (Clase 2 - 6)*

### HEAVY DUTY *SERVICIO PESADO*



Transit (Class 7-8)  
*Tránsito (Clase 7 - 8)*



School bus (Class 6-7)  
*Autobús Escolar (Clase 6 - 7)*



Goods movement (Class 7-8)  
*Movimiento de mercancías (Clase 7 - 8)*



Other (Class 7-8)  
*Otra/o (Clase 7 - 8)*

### OFF-ROAD *FUERA DEL CAMINO*



Truck stop electrification  
*Electrificación de paradas de camiones*



Transport refrigeration units  
*Unidades frigoríficas de transporte*



Yard trucks  
*Camiones de patio*



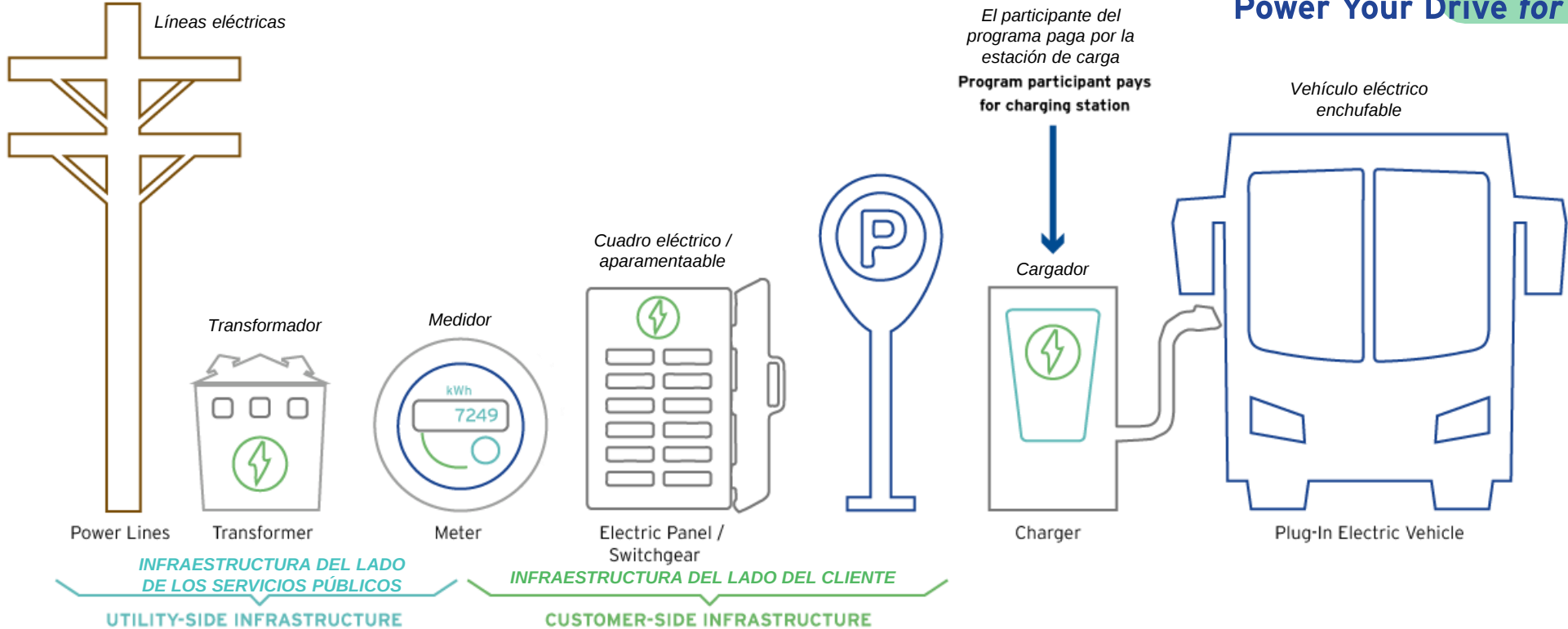
Airport ground support equipment  
*Equipo de apoyo en tierra del aeropuerto*



Forklifts (Class 2 or higher)  
>6,000 LBs  
*Montacargas (Clase 2 o superior)*

# Program offers two options for installation & ownership

## El programa ofrece dos opciones de instalación y propiedad



### Option 1:

SDG&E-Owned Infrastructure



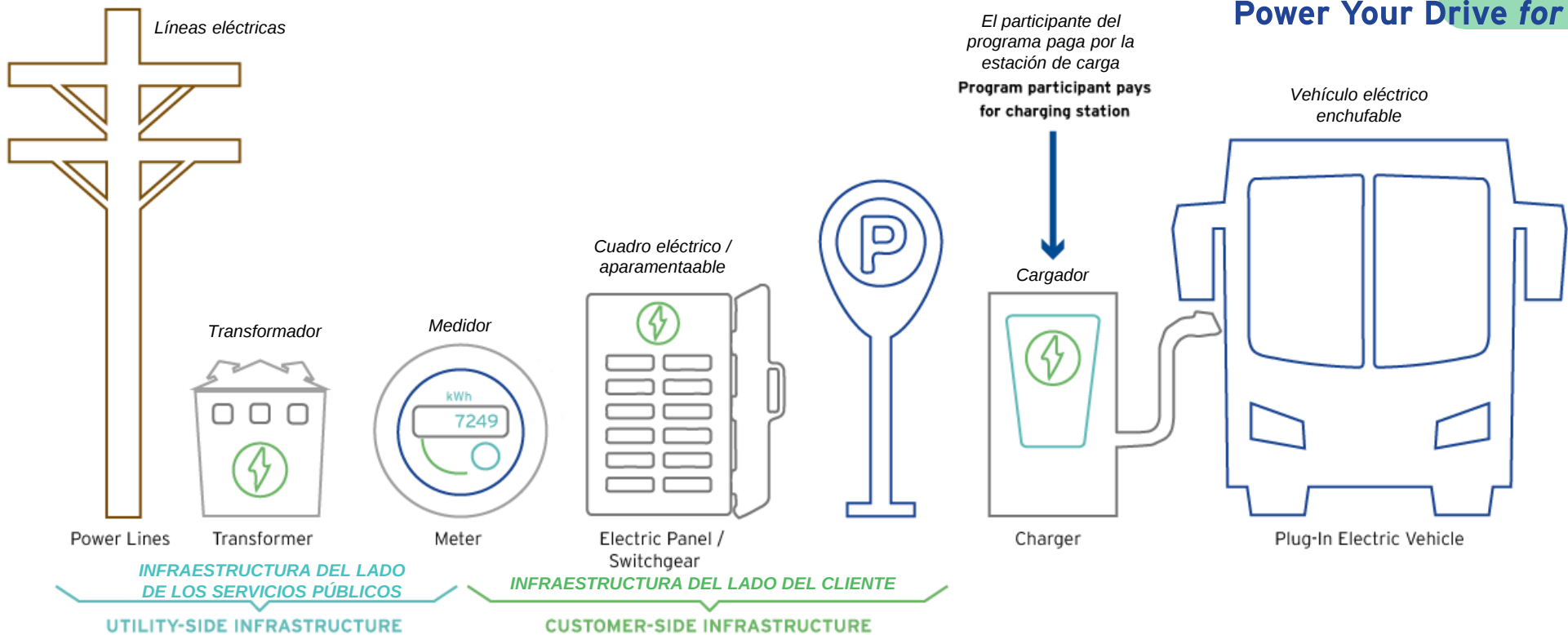
### Opción 1:

Infraestructura propiedad de SDG&E



# Program offers two options for installation & ownership

## El programa ofrece dos opciones de instalación y propiedad



**Option 2:**  
Customer-Owned  
Infrastructure

SDG&E pays for, constructs, owns and maintains infrastructure to the meter

Customer pays for, constructs, owns and maintains infrastructure behind the meter for a rebate of up to 80% of the costs; owns & pays for charging stations; charger rebates may apply

**Opción 2:**  
Infraestructura propiedad  
del cliente

SDG&E paga, construye, posee y mantiene la infraestructura hasta el medidor

El cliente paga, construye, posee y mantiene la infraestructura detrás del medidor por un reembolso de hasta el 80% de los costos; posee y paga estaciones de carga; se pueden aplicar descuentos en el cargador

# SDG&E provides additional incentives with program charger rebates and fleet-friendly rates



## Who is eligible for the charger rebate?

- School buses
- Transit buses
- Sites in communities of opportunity

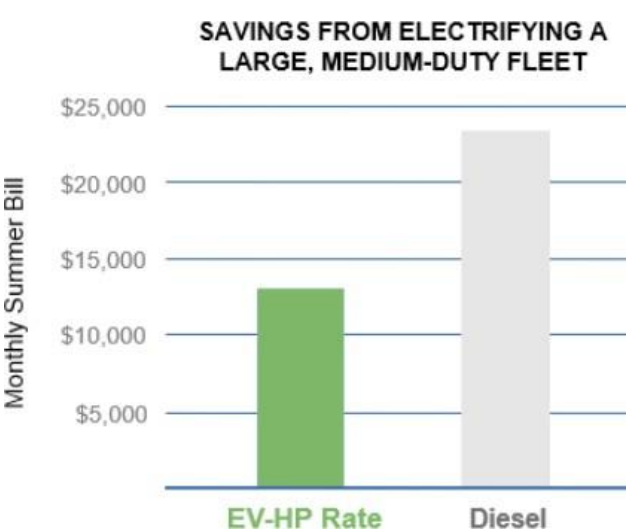
## Benefits of EV-HP Rate

- Eliminates Demand Charges
- Lower, Fixed Rates
- Simpler Billing through a Monthly Subscription Plan

### Maximum rebate amounts per charger power level

| EVSE power         | Max. rebate amount*  |
|--------------------|----------------------|
| Up to 19.2kW       | \$3,000 per charger  |
| 19.3kW up to 50kW  | \$15,000 per charger |
| 50.1kW up to 150kW | \$45,000 per charger |
| 150.1kW and above  | \$75,000 per charger |

\*Eligible sites will receive a rebate for each qualified charger for the lesser of 50% of the cost of the charger or the maximum amount based on power output as detailed above, not to exceed 50% of the cost of the charger.



Eligible customers have an opportunity to **save up to 50% on electricity costs** compared to the cost of fueling with diesel.

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# SDG&E provides additional incentives with fleet-friendly rates & program charger rebates

# SDG&E brinda incentivos adicionales con tarifas amigables para flotas y reembolsos de cargadores de programas



## Maximum rebate amounts per charger power level

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*\*Eligible sites will receive a rebate for each qualified charger for the lesser of 50% of the cost of the charger or the maximum amount based on power output as detailed above, not to exceed 50% of the cost of the charger.*

## Who is the charger rebate for?

- School buses
- Transit buses
- Sites in disadvantaged communities

## Cantidades máximas de reembolso por nivel de potencia del cargador

| Poder EVSE           | Máx. monto del reembolso** |
|----------------------|----------------------------|
| Hasta 19.2kW         | \$3,000 por cargador       |
| 19.3kW hasta 50kW    | \$15,000 por cargador      |
| 50.1kW hasta 150kW   | \$45,000 por cargador      |
| 150.1kW y por encima | \$75,000 por cargador      |

*\* Los sitios elegibles recibirán un reembolso por cada cargador calificado por el 50% del costo del cargador o el monto máximo basado en la potencia de salida como se detalla anteriormente, lo que sea menor, sin exceder el 50 % del costo del cargador.*

## ¿Para quién es el descuento del cargador?

- Autobuses escolares
- Autobuses de tránsito
- Sitios en comunidades desfavorecidas

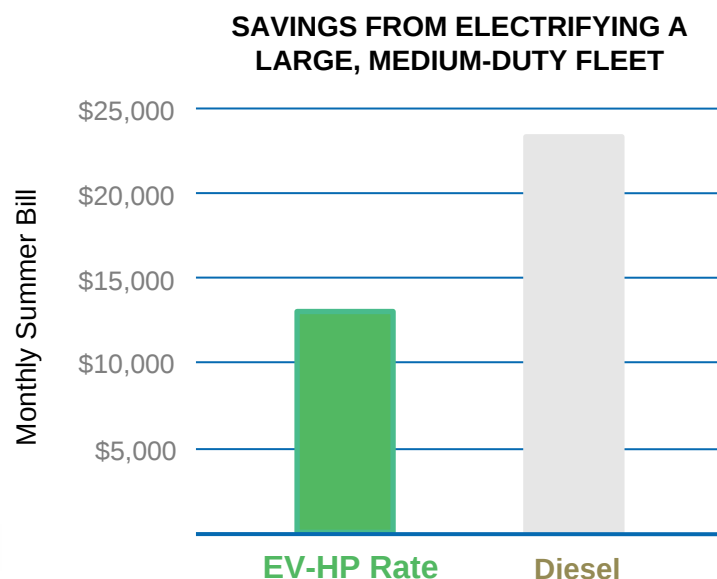
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# SDG&E provides additional incentives with fleet-friendly rates & program charger rebates

## Benefits of EV-HP Rate

- Eliminates Demand Charges
- Lower, Fixed Rates
- Simpler Billing Through a Monthly Subscription Plan

Eligible EV-HP customers have an opportunity to **save up to 50% on electricity costs** compared to the cost of fueling with diesel.

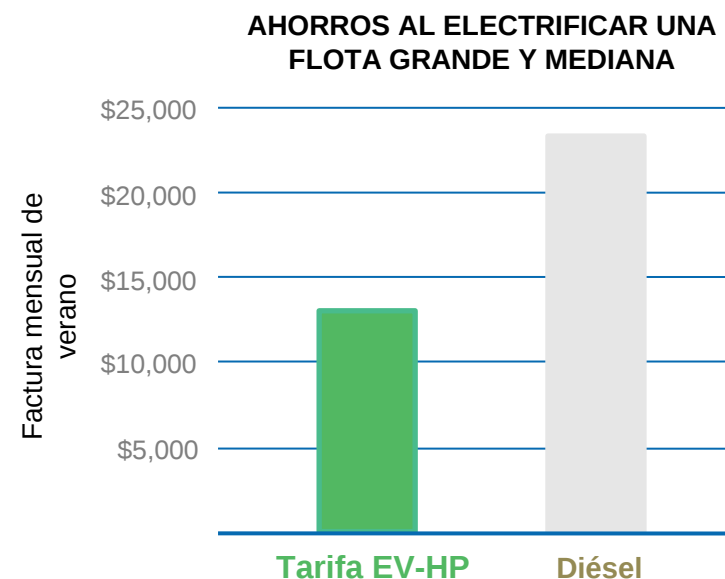


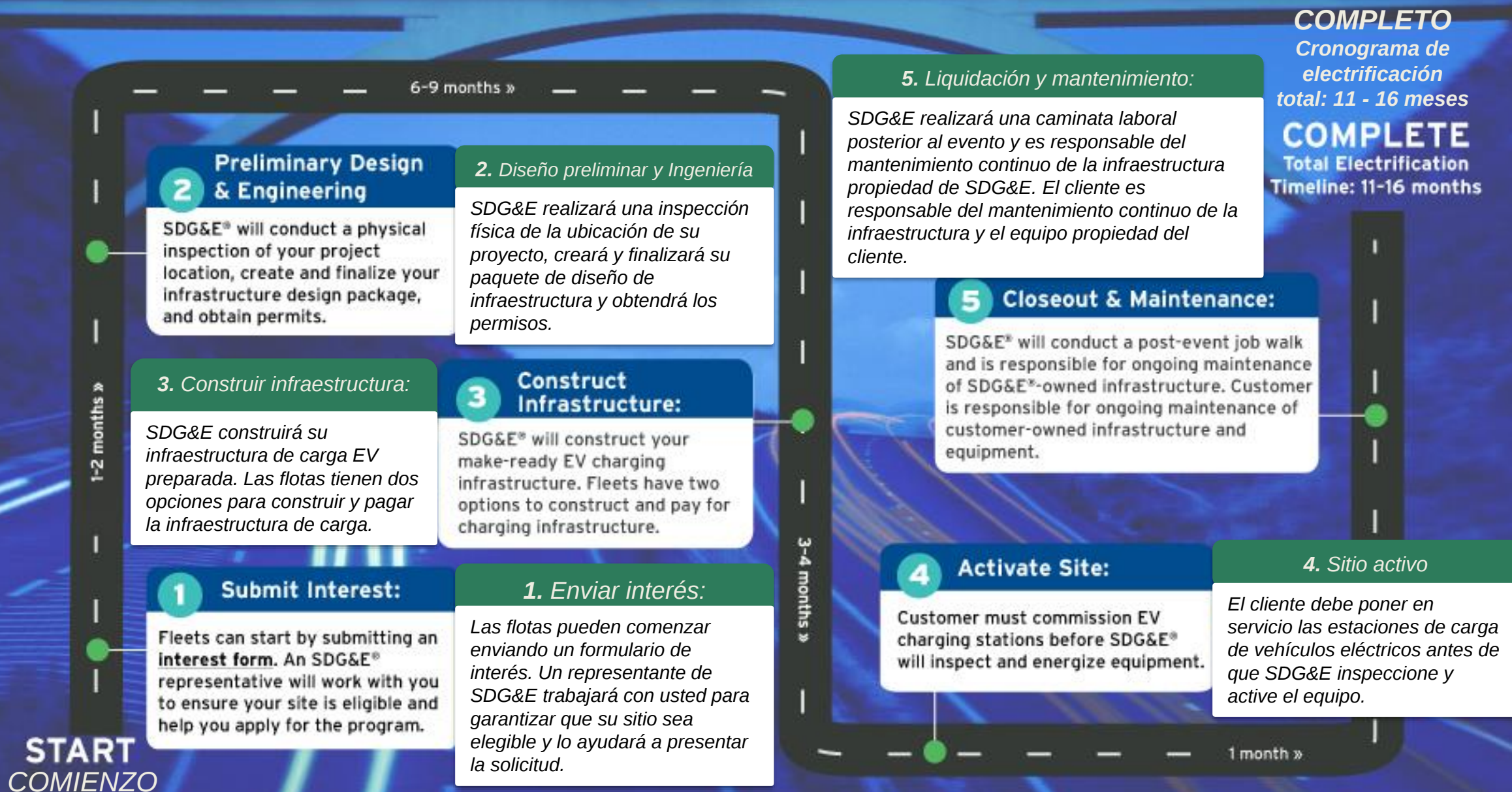
# SDG&E brinda incentivos adicionales con tarifas amigables para flotas y reembolsos de cargadores de programas

## Beneficios de la Tarifa EV-HP

- Elimina los cargos por demanda
- Tarifas fijas más bajas
- Facturación más simple a través de un plan de suscripción mensual

Los clientes elegibles de EV-HP tienen la oportunidad de **ahorrar hasta un 50% en costos de electricidad** en comparación con el costo de combustible diésel.







# SAVE THE DATE

## EV FLEET DAY APRIL 6, 2023

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### PLEASE JOIN US FOR THIS SPECIAL EVENT GEARED TO FLEET OPERATORS AND MANAGERS

- Learn more about the many benefits of electric fleet vehicles and technologies and receive free gifts
- See the latest electric fleet vehicles on display

### WHERE AND WHEN

Port Pavilion on Broadway Pier  
1000 N Harbor Drive  
San Diego, CA 92101

Thursday, April 6, 2023  
9 a.m. – 3 p.m.  
Free Admission

#### **Morning Panel Discussion (9 a.m. – Noon)**

##### **Registration Required**

EV Fleet Day will begin with a morning session of panel speakers and local businesses discussing the fleet electrification journey, regulatory and policy updates, and available funding opportunities to reduce the cost of transitioning fleets to electric. Registration is required to attend this portion of the event. Coffee truck and lunch provided at no cost.

#### **Expo Booth Display (Noon – 3 p.m.)**

##### **Open to the Public**

Beginning at noon, guests can explore an expo floor of fleet electrification experts, charging providers, software companies, vehicle manufacturers, SDG&E® fleet electrification staff, public agencies, grant funding organizations, and more. Giveaways and prizes will be available to attendees.

#### **Medium and Heavy-Duty Electric Vehicle Display**

##### **(Noon – 3 p.m.)**

##### **Open to the Public**

Also beginning at noon, a wide range of medium and heavy-duty electric vehicles will be on display, ranging from trucks and vans to forklifts and other equipment. Guests can explore the vehicles and speak with Class 2-8 on-road and off-road fleet electric vehicle experts.

## New EV Rule to Reduce Costs

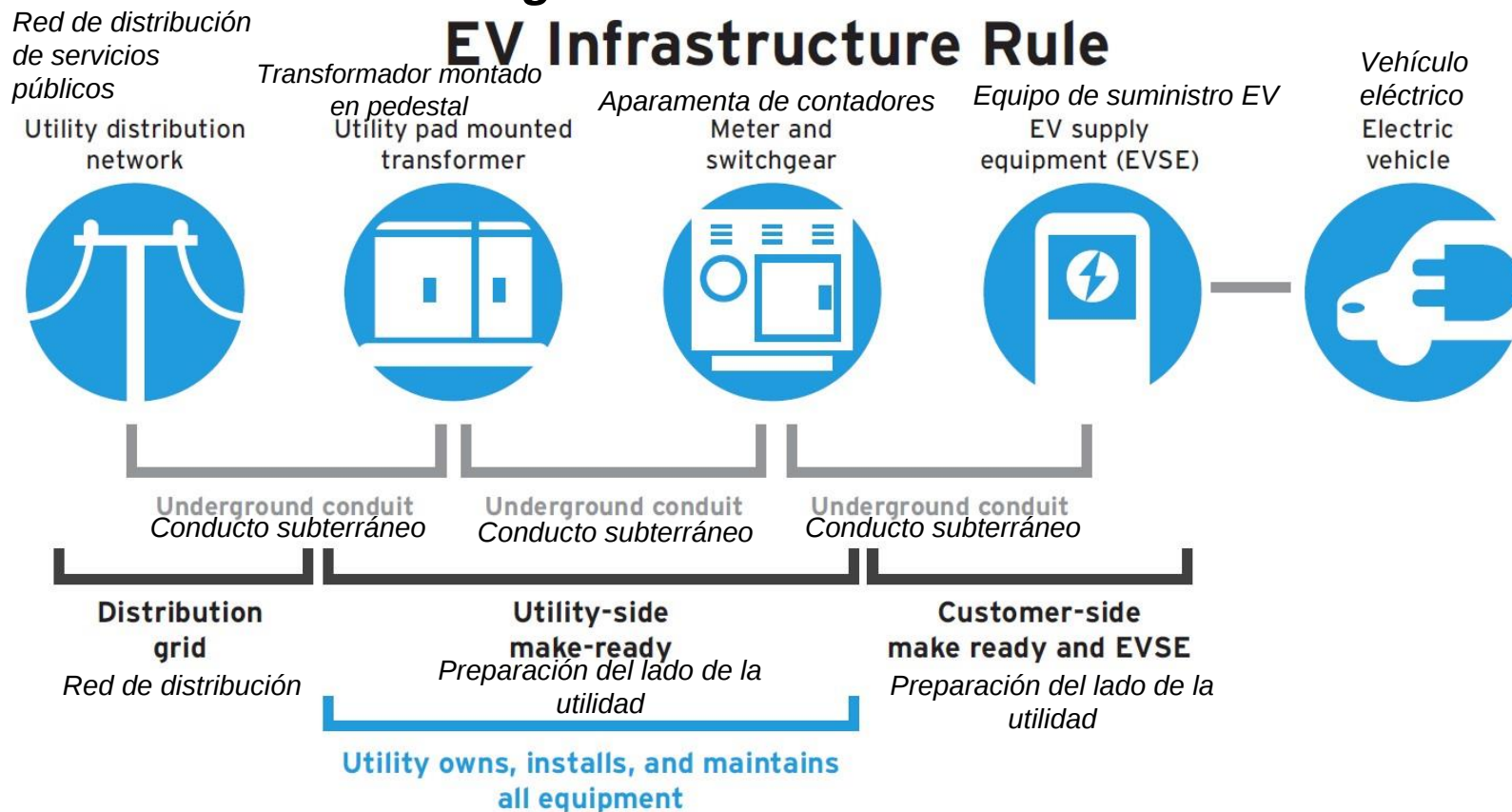
SDG&E will install, own, and maintain utility-side “make-ready” equipment

## Nueva regla EV para reducir costos

SDG&E instalará, poseerá y mantendrá equipos de "preparación" del lado de los servicios públicos

### Regla de infraestructura VE

### EV Infrastructure Rule



La agencia de servicios públicos posee, instala y mantiene todo el equipo



SDG&E's Rule 45 allows installing, owning, and maintaining the “make-ready” equipment upstream of the customer meter:

- ✓ Transformer and electrical conductor
- ✓ Construction work like trenching and repaving a parking lot
- ✓ Service-related ducts and structures

La Regla 45 de SDG&E permite instalar, poseer y mantener el equipo de “preparación”:

- ✓ Transformador y conductor eléctrico.
- ✓ Trabajos de construcción como excavación de zanjas y repavimentación de un estacionamiento
- ✓ Ductos y estructuras relacionados con el servicio

# Key Differences Between Rules

## Comparing Rule 16 and EV Infrastructure Rule 45



## Diferencias clave entre reglas

### Comparación de la regla 16 y la regla 45 de infraestructura EV

| Utility-Assigned Responsibilities<br><br><i>Responsabilidad es asignadas por los servicios públicos</i> | Rule 16<br>Service Extensions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Regla 16<br>Extensiones de servicio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                         | <p><b>Equipment on utility-side of meter</b><br/><i>Utility pays for utility facilities up to the Rule 16 allowance:</i></p> <ul style="list-style-type: none"><li>• Planning, designing, engineering</li><li>• Underground service conductors</li><li>• Overhead service conductors</li><li>• Service transformers</li><li>• Support poles</li><li>• Utility owned metering equipment</li><li>• Maintenance of service facilities installed under the provisions of this rule</li></ul> <p><b>Customer is responsible for all equipment on the customer-side of the meter</b></p> | <p><b>Equipo en el lado de servicio del medidor</b><br/><i>Los servicios públicos pagan por las instalaciones de servicios públicos hasta la asignación de la Regla 16:</i></p> <ul style="list-style-type: none"><li>• Planificación, diseño, ingeniería.</li><li>• Conductores de servicios subterráneos</li><li>• Conductores de servicio aéreo</li><li>• Transformadores de serviciopostes de apoyo</li><li>• Equipo de medición propiedad de la empresa de servicios públicos</li><li>• Mantenimiento de las instalaciones de servicio instaladas bajo eldisposiciones de esta regla</li></ul> <p><b>El cliente es responsable de todos los equipos del lado del cliente del medidor</b></p> |

# Key Differences Between Rules

## Comparing Rule 16 and EV Infrastructure Rule 45



## Diferencias clave entre reglas

### Comparación de la regla 16 y la regla 45 de infraestructura EV

| Utility-Assigned Responsibilities<br><i>Responsabilidades asignadas por los servicios públicos</i> | Rule 45<br>EV Infrastructure                                                                                                                                                                                                                                                                                                                                                                                                                 | Regla 45<br>Infraestructura de vehículos eléctricos                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                    | <p>Equipment on utility-side of meter</p> <ul style="list-style-type: none"><li>• Planning, designing, engineering</li><li>• Installation of all electrical distribution infrastructure and protective structures</li><li>• Materials</li><li>• Trenching and excavation</li><li>• Permitting, rights check, and easements</li><li>• Civil work</li></ul> <p>Customer is responsible for all equipment on the customer-side of the meter</p> | <p>Equipo en el lado de servicio del medidor</p> <ul style="list-style-type: none"><li>• Planificación, diseño, ingeniería.</li><li>• Instalación de toda la infraestructura de distribución eléctrica y estructuras de protección</li><li>• Materiales</li><li>• Zanjas y excavaciones</li><li>• Permisos, verificación de derechos y servidumbres</li><li>• Obra civil</li></ul> <p>El cliente es responsable de todos los equipos del lado del cliente del medidor</p> |

# SDG&E Clean Transportation

## Project Planning Resources: Requesting Service

# SDG&E Transporte Limpio

## Recursos de planificación de proyectos: solicitud de servicio



## Builder Services

Apply for Service ➡

### Web Resources

✓ [sdge.com/builder-services](https://sdge.com/builder-services)

### Project Planning

✓ (858) 636-6805

## Servicios de construcción

Solicitar servicio ➡

### Recursos web

✓ [sdge.com/builder-services](https://sdge.com/builder-services)

### Planificación de proyectos

✓ (858) 636-6805

