

PSE Programs

- Energy Reductions
- Cost Savings
- Compliance
- Community

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**PUGET
SOUND
ENERGY**

Accelerator Program meets the law head-on

CLEAN BUILDINGS REQUIREMENTS

Designated Energy Manager



ESPM Benchmarking and Reporting



Develop & Execute Energy Management Plan



Develop Operations and Maintenance Program



Determine & Comply with EUIt



PROGRAM DELIVERY AREAS

Energy Manager tools and guidance

Hands-on ESPM Bootcamp and Support

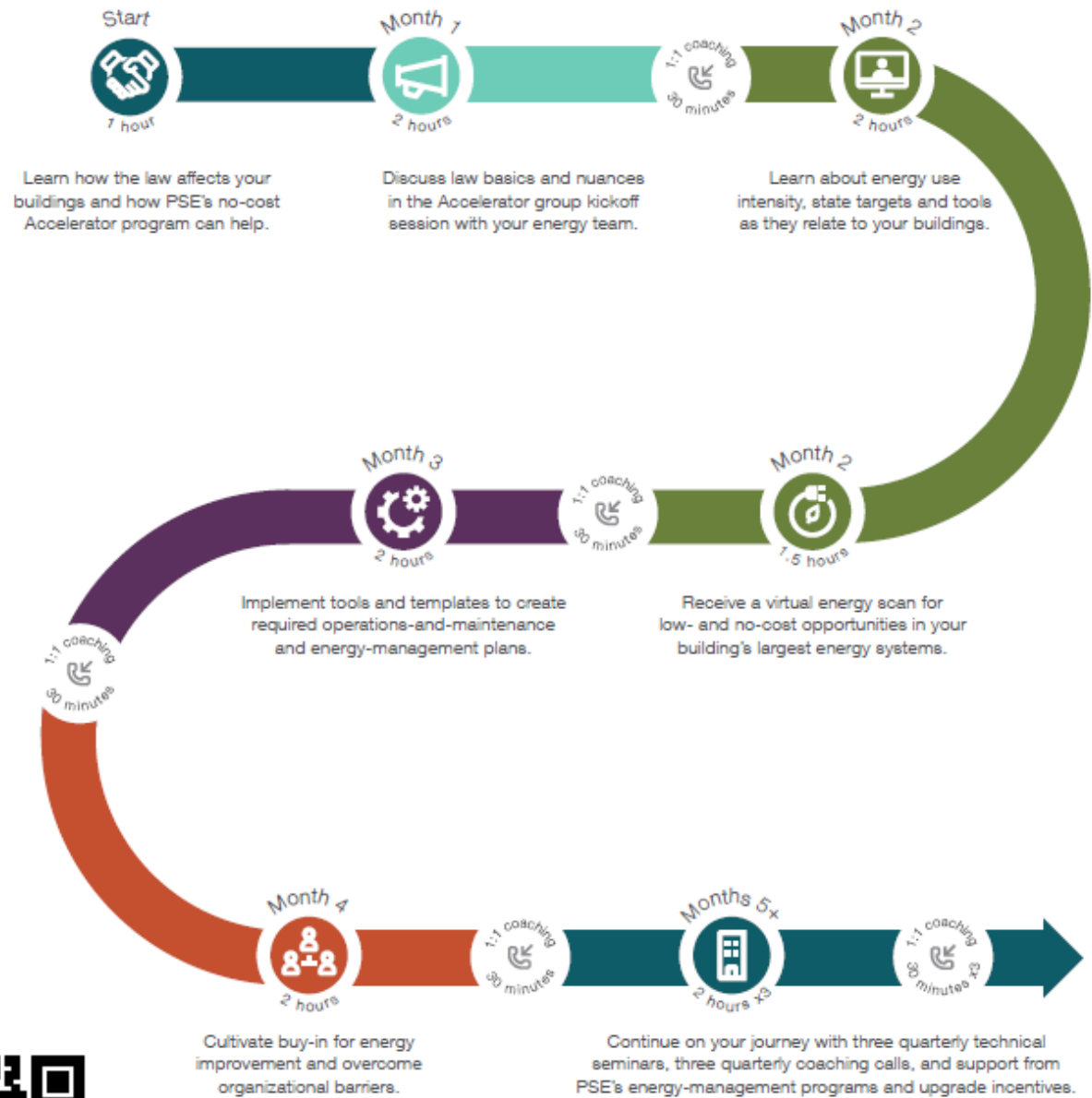
Energy Management Plan Practicum with Templates

O&M Program Tools and Ongoing Elevation Seminars

Guided EUIt assistance using ESPM

The no-cost Accelerator Program Timeline

A 4-month Sprint:
Teaching you to fish. Then you do what's best for you.





Learn how the law affects your buildings and how PSE's no-cost Accelerator program can help.

Orientation



Discuss law basics and nuances in the Accelerator group kickoff session with your energy team.

Meet Peers & Overview



Learn about energy use intensity, state targets and tools as they relate to your buildings.

EUI & EUIit Benchmark



Accelerator Beginnings

- ◆ Feelings of denial and anger
- ◆ Coaching Call: learn about your buildings
- ◆ The imperative of benchmarking in ESPM



Accelerator Months 2 & 3

- ◆ Energy Scan can be revealing
- ◆ Overwhelming O&M and EMP plans
- ◆ Coaching Calls: Understanding documentation



Cultivate buy-in for energy improvement and overcome organizational barriers.



Continue on your journey with three quarterly technical seminars, three quarterly coaching calls, and support from PSE's energy-management programs and upgrade incentives.

Change Mngt.

PSE Continuation and relevant topics

Accelerator: Month 4 & Beyond

- ◆ Continue to apply learning: Pro Tip...work that new muscle
- ◆ Coaching Calls: Confirming Team, ensuring continuation
- ◆ Move into other incentive programs

Sign up for Orientations and Cohorts:

pse.com/CleanBuildings

Bookmark this page to find other valuable info you will need along the way

Info Sessions:

- ◆ Wednesday, May 29 11 a.m. - noon
- ◆ Thursday June 27, 11 a.m. – noon
- ◆ Wednesday July 17, 11 a.m. – noon
- ◆ Wednesday August 21, 11 a.m. - noon

Next Cohorts (group training start dates):

- ◆ Tuesday June 4 - 9-11 am
- ◆ Tuesday September 10 - 9-11 am
- ◆ Tuesday October 29 – 9 -11 am

Commercial Strategic Energy Management (CSEM)

- ✓ Helps commercial customers earn incentives for making low and no-cost changes that reduce energy usage and energy bills.
 - Changes are largely to operations, maintenance and behavioral practices
- ✓ To qualify:
 - You must be a current PSE business electric and/or natural gas customer and your business site must be within PSE's electric and/or natural gas service area(s) and use electricity and/or natural gas from PSE.
 - Buildings targeted in your CSEM portfolio must collectively use greater than 1,000,000 kWh or 105,000 therms (or a combination of both) annually.
 - You must hire, contract or designate an existing staff member as your energy champion who is responsible for completing program deliverables and tasks, communicating energy-saving initiatives to your staff, and managing your site's energy bills.
 - Energy champion position must be filled for a minimum of three years.

CSEM incentives

- Incentives are prorated based on annual consumption
- 3% performance

Year 1 Incentive	Details	Maximum
Milestone incentive	For achieving program milestones	\$1,000
Start-up incentive	A one-time incentive if all requirements are met	\$10,000
Performance incentive	\$0.04 per kWh saved \$0.40 per therm saved	\$70,000
Training allowance	For education related to your energy usage	\$2,000

- Milestone Y1: earned by completing portions of Clean Bldgs documentation
 - ✓ Operations Management Plan
 - ✓ Energy Management Plan
- Start-up incentive – First EMP and OMP completed
 - Minimum of \$5K for customers with 1M kWh consumption
- Training incentive: AEE, BOC, and other PSE approved courses
 - Can also be used for energy management software

Templates available with PSE coaching

CSEM incentives

Year 2 and 3 Incentive	Details	Maximum
Milestone incentive	For achieving program milestones	\$1,000
Performance incentive	\$0.04 per kWh saved \$0.40 per therm saved	\$70,000
Target incentive*	Combined energy savings of at least 9% overall usage	\$20,000
Training allowance	For education related to your energy usage	\$2,000

- Y2 milestone: if 50% of buildings in portfolio have completed plans
- Y3 milestone: if 100% of bldgs. in portfolio have completed plans
- Performance incentive: paid for all achieved savings
 - Anticipated 3% in Y1, 6% in Y2 and 9% in Y3
- Target incentive: paid only once throughout grant period if achieve 9% savings
- Training incentive: Available annually for PSE approved courses
 - Can also be used for energy management software

PSE - ASHRAE Audit opportunity

Program Summary

- For larger buildings & campuses with complex systems only
- Intended to support deeper energy retrofits
- Assist with meeting EUIt

Qualified Customers/Conditions/Requirements

- Sites must exceed 50,000SF (rule of thumb)
- Sites must receive PSE electric service

PSE ASHRAE Audit Report includes:

What is in the Level 2 Audit?

1. Interview and question/answer related to site conditions and facility needs.
2. Appendix shall include all relevant building information available, including but not limited to; mechanical drawings, as-built drawings, other previous energy studies, data-logging and/or metering, pictures, etc.
3. Building summary including EUI, EUI target, CBPS compliance requirements, general building characteristics and energy systems present, bill history analysis.
4. Lighting system details including descriptions of the technologies by space type, operating hours, and controls.
5. Recommended EEMs, including existing system type and proposed system type(s). Energy savings calculations, calculation methodology, and estimated PSE incentive(s).
6. Proposed commissioning and verification plan for EEMs.
7. Summary of changes completed while on-site for audit, including checklist of tune-up improvements completed.
8. Cost estimates, contractor quotes, and proposals for EEMs to be completed, where available and applicable (e.g., capital improvements)
9. Next steps for project management and participation in PSE incentive programs

Rebates & web links

- **Full window replacement** (\$9 - \$20 sq. ft.)- [PSE | Commercial Windows](#)
- **Secondary windows** (\$0.45/kwh & \$15/therm) - [PSE | Commercial-Secondary-Windows](#)
- **Attic & wall insulation** (\$0.75 - \$1.50/sq. ft.) - [PSE | Insulation for Commercial Buildings](#)
- **Horticultural Lighting** (\$0.20/kwh) - [PSE | Commercial Horticultural Lighting](#)
- **Commercial connected thermostats** (\$200/unit) - [PSE | Commercial Smart Thermostat Rebate](#)
- **Advanced Rooftop Controls** (\$1,500-\$4,500/unit) - [PSE | Advanced Rooftop Controls Rebates](#)
- **Electric resistance heating to DHP conversions (\$2,000/ton)** - [PSE | Ductless heat pumps for electric resistance conversion](#)
- **Occupancy based thermostats** (\$500/unit) - [PSE | Occupancy based thermostat controls](#)
- **Electric resistance to PTHP conversions** (\$2,000/unit) - [PSE | Packaged terminal heat pump](#)
- **Heat pump water heater** (\$650/unit) - [PSE | Commercial Heat Pump Water Heater Rebate](#)
- **Commercial food service/sanitation/refrigeration** (\$500-\$10,500) - [PSE | Commercial Foodservice Equipment Incentives](#)

New Construction, Energy Management & Transportation Electrification

- **Commercial New Construction** - [PSE | Commercial New Construction Incentives](#)
 - **Multi-Family New Construction** - [PSE | Multifamily New Construction Grants](#)
 - **Clean Buildings Accelerator** - [PSE | Clean Buildings](#)
 - **Commercial Strategic Energy Management** - [PSE | Commercial Strategic Energy Management](#)
 - **Industrial System Optimization** - [PSE | Industrial System Optimization Program](#)
 - **Industrial Strategic Energy Management** - [PSE | Industrial Strategic Energy Management](#)
 - **Utility Energy Services Contracting** - [PSE | Utility Energy Service Contract \(UESC\)](#)
 - **Business Energy Demand** - [PSE | Business Demand Response](#)
 - **Transportation Electrification** - [PSE | Transportation Electrification](#)
 - Electric vehicle charging programs - [Fleet](#), [Multi-Family](#), [Work Place](#)
 - **Battery Storage** - [PSE | Battery Storage](#)
 - **Renewables** - [PSE | Renewable Energy Options for Your Business](#)
- 13 ○ [PSE | Host an energy project](#) – Solar or Battery storage

Managed by
others – Ask
for a deep
dive

Custom grants

This program covers up to 70% of costs for non-lighting custom measures that are cost effective and can be quantified.

- For Commercial, Industrial, and Small Business customers
- Incentives up to **\$0.45 per kilowatt-hour (kWh)** or **\$8.00 per therm** of verified annual energy savings. For example:
 - Space heat or process load boiler upgrades
 - Variable frequency drives (VFDs) on fans or pumps
 - Energy recovery
 - Air compressor/dryer/receiver upgrades
 - Data center cooling, refrigeration, chillers
 - Building envelop not meeting other PSE program requirements
- You must be pre-approved by PSE prior to the installation of all energy-efficiency improvement measures.
- [PSE | Custom Retrofit Grants](#)

Did you know?

PSE will provide an incentive for ANY measure that is cost effective, based on the incremental savings and cost.

What we need:

- ✓ Project description
- ✓ Project cost – Contractor or official cost estimate
- ✓ Any existing savings calculations
- ✓ Pre-approval before work starts (Contract)



Commissioning:

(Done by a Cx professional)

A systematic process to improve building system operations and building controls with little to no capital investment

- ◆ **Tune-up:** Simplified low/no cost prescriptive process, like preventive maintenance on a car.
- ◆ **Existing Building - EBCx:** Full, manual process, like buying a new used car from a credible dealer.
- ◆ **Monitoring-Based - MBCx:** software overlay monitoring process. Use alone or with the others, like having updatable diagnostic equipment on your new electric car full time.
- ◆ Simple payback usually in less than a year. Questions? Ask at Commissioning@pse.com
- ◆ **Industrial Program (ISOP):** optimizes processes, motors, pumps, lighting, air compressors, controls...

Typical PSE rebate requirements

- ◆ Applies to existing commercial buildings. Residential, multifamily and new construction are not eligible.
- ◆ Can be applied for after the work is done – but must have photos of existing condition to qualify
- ◆ Must submit application with completed W-9
- ◆ Rebate cannot exceed the pre-tax purchase price of any rebated product
- ◆ Rebate application must be submitted within 60 days of installation
- ◆ Installation must comply with all federal, state and local code requirements
- ◆ Products that are replaced under warranty will not be eligible for second rebate

Case study:

MBCx

Swedish
Medical

More savings
in future years



Site sq.ft.:	366,000
Energy savings:	1,481,909 kWh
Incentives:	\$130,091
Cost Savings:	\$95,000
EUI:	115 to 101.5
Pay Back:	0.17 years

Top Savers:

- ◆ Unoccupied areas running
- ◆ Schedules out of date
 - ◇ Lighting
 - ◇ HVAC
- ◆ Over ventilation
- ◆ Tune setpoints for reset

Energy Efficiency in the foodservice industry

- ◆ PSE's **Foodservice Rebate Program** is designed to help customers upgrade from standard foodservice equipment to high efficiency equipment.
- ◆ Upgrading uses less natural gas, electricity and less water and sewer.
 - ◇ **This can reduce those operating costs by as much as 75%** compared to standard equipment!

PSE's Foodservice Rebate Program?

- ◆ **We offer HUGE rebates** for a variety of electric and natural gas equipment.
 - ◇ Just choose **ENERGY STAR®**
- ◆ **Local equipment dealers** offer the rebate up front with zero paperwork.
 - ◇ Get **instant rebates** at 40+ locations!
- ◆ Purchase and install **ENERGY STAR®** equipment
 - ◇ Must be new (used does not qualify)
 - ◇ Cannot be leased
 - ◇ Must use PSE fuel
- ◆ **Qualifying Product Lists** of each and every model that can receive a rebate can be found at pse.com/foodservice



What types of equipment can get rebates?

**City of Seattle PSE natural gas customers are not eligible for steamer, dishwasher or Tier 1 fryer rebates due to the [Seattle Energy Code](#).*

Equipment Type	2024 Rebate
Deep Vat Fryers*	up to \$4,000 each
Steamers*	up to \$3,500 each
Cooktops & Ranges	up to \$3,000 each
Griddles	up to \$3,600 each
Conveyor Toasters	up to \$450 each
Steam Tables	up to \$1,800



Visit pse.com/foodservice to access:

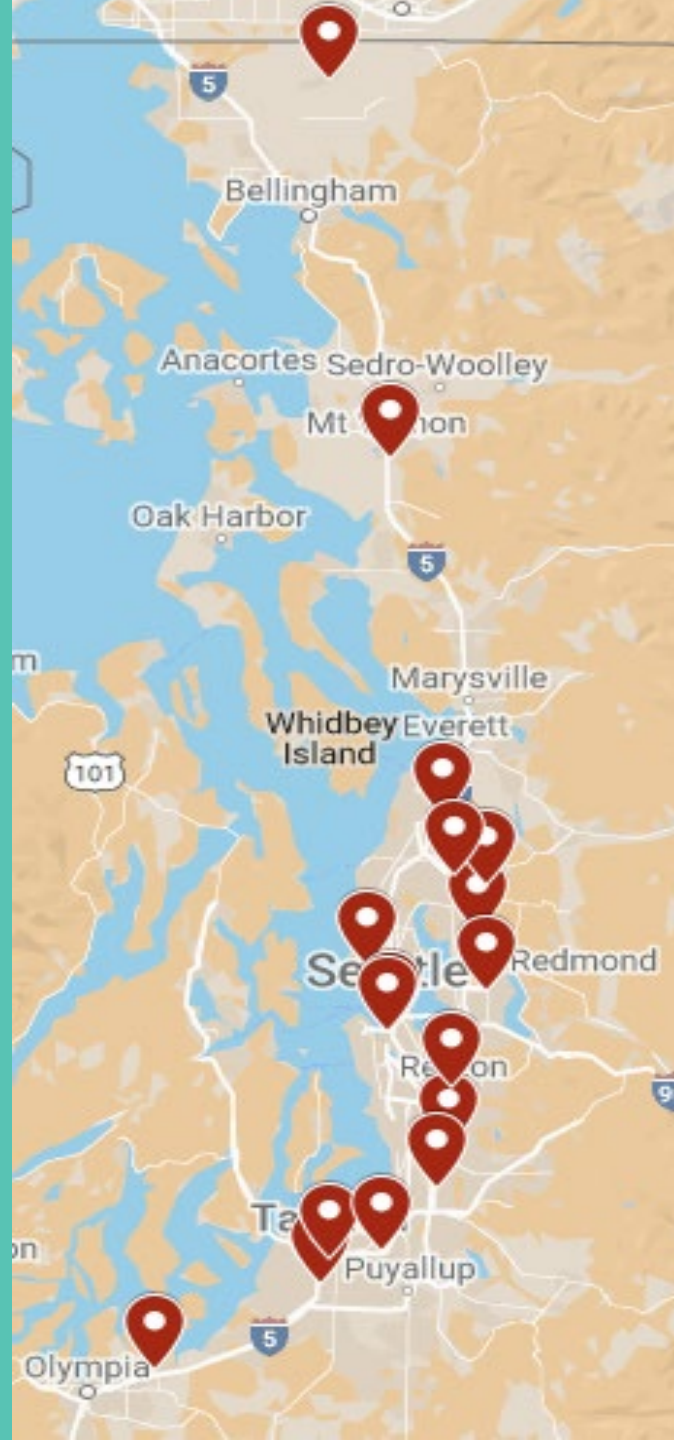
- [Rebate dollar Menu](#) for exact rebate amounts.
- [Qualified Products Lists \(QPLs\)](#) for everything PSE rebates.

Equipment Type	2024 Rebate
Ice Machines	up to \$750 each
Reach-in Refrigerators	up to \$2,000 each
Reach-in Freezers	up to \$4,000 each
Dishwashers*	up to \$8,775 each
Hood Controls	\$1,250 per HP

**City of Seattle PSE natural gas customers are not eligible for steamer, dishwasher or Tier 1 fryer rebates due to the [Seattle Energy Code](#).*



Where can I get an Instant Rebate*?



- Local dealers found all across PSE's service territory!
- Visit our website for the full list of dealers

**Or purchase qualifying equipment anywhere and get a mail-in rebate.*

Questions?

Email foodservice@pse.com



PSE Community Solar

Community Solar Overview

- ◆ **Community Solar** is a way for PSE electric customers to share the benefits of 100% local solar power.
- ◆ Customers **subscribe to shares** of a local solar array and receive credits on their electric bills for energy produced.
- ◆ 30% of shares are reserved for **income eligible** customers to subscribe at no cost.
- ◆ **Partnerships with site hosts** make it possible for PSE to build solar installations in the communities we serve.
- ◆ 3 sites are currently operational in **Olympia, Sammamish, and Bonney Lake**, with 3 additional large arrays in Kittitas County.

Site Host Partnerships



- ◆ The Pine Lake Community Solar was installed in Spring 2022 in partnership with Issaquah School District.
- ◆ The 175 kW AC solar array offers approximately 119 shares for subscription.
- ◆ Currently working with other hosts on new sites, including a university and school district.
- ◆ Always looking for new site hosts.

Benefits for site hosts

- ◆ Support community sustainability goals for carbon reduction.
- ◆ Generate solar energy at your site at no cost. PSE owns and maintains system.
- ◆ Partner with PSE on promotional opportunities.
- ◆ Compensation for PSE's use of the site in the form of a lease and easement.



Site Host Application

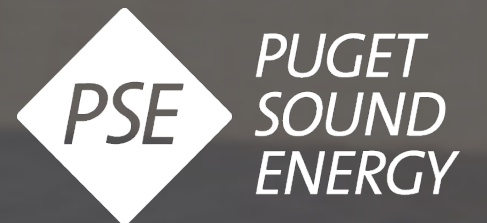


- ◆ Application on PSE.com to submit sites for Community Solar, distributed solar, or battery storage projects.
- ◆ Applications will be reviewed on a continuous basis.
- ◆ Public entities interested in Community Solar are welcome to apply.
- ◆ We will also be reviewing other types of properties, including commercial or privately owned.

Site Evaluation Criteria

- ◆ Rooftop or ground space
- ◆ Ideal space/size is 20,000 square feet or above (min. of 10,000 square feet)
- ◆ Southern exposure that is unshaded
- ◆ Rooftop must have a minimum of 25 years of useable life remaining
- ◆ Site must be within 300 feet of PSE's distribution system (utility transformer, pole, vault, etc.)
- ◆ Accessible to PSE equipment and system 24/7
- ◆ More detail will be included on site application website

PSE Up & Go Electric



PSE Up & Go Electric Current Opportunities

Lunched in 2023



MULTIFAMILY CHARGING

- Expand access to charging for multifamily property tenants
- Reduce upfront costs for building owners and management
- **Accepting applications**



FLEET CHARGING

- For school districts, municipalities, small businesses & community orgs with fleet operations
- To start a smooth transition before more laws go into effect
- **Accepting applications**



WORKPLACE CHARGING

- Making EVs an option for commuters who drive longer and/or don't have charging at home yet
- Reduce upfront costs for employers and workplace facilities
- **Accepting applications**

Ongoing



EMPOWER MOBILITY

- Enhanced incentives to increase access for historically underrepresented communities
- Community-based organizations, government agencies and Tribal entities will be asked how the funding will support their communities.

Launched in 2024



PUBLIC CHARGING

- Increase charging availability to EV drivers who don't have access to home or workplace charging or need to supplement their routine.
- **Public Stations: Accepting Applications**
- **Pole Charging: Partner and Site Selection**



RESIDENTIAL CHARGING

- Redesigned, incentive-only program
- Rebate recipients will be pre-enrolled in PSE's demand response program Flex, can opt to join
- **Accepting Applications**



TECHNOLOGY DEMONSTRATIONS

- Test technologies or services different from those already served under other programs
- Evaluate impacts and assess viability for full scale deployment



EDUCATION & OUTREACH

- Up & Go Programming
- Awareness of EVs & charging
- Costs and benefits of switching
- Hands-on EV experiences & virtual education



Up & Go Electric for Fleet

- ◆ **Who:** businesses, municipalities, tribes, community-based service providers and organizations with Fleet operations
- ◆ **How:** Advisory services and incentives to help offset costs of transitioning to an electric fleet
- ◆ **What:** Flexible ownership structure for Level 2 and DCFC smart chargers, with \$250K per site cap including infrastructure-side costs
 - PSE-owned turnkey service
 - Customer-owned/installed with incentives
- ◆ **Why:**
 - Help meet sustainability goals while these significant incentives last.
 - Begin the transition to meet regulations while staying ahead to avoid disruption to operations



Up & Go Electric for Workplace

◆ **Who:** Employer or shared workplace facilities managers/owners

◆ **Why:** To empower more commuters to go electric

◆ **What:** Businesses and commercial properties with shared employee parking can receive incentives for employee EV charging equipment and installation

- PSE-owned turnkey service
- Customer-owned with incentives

◆ **Why:**

- Help meet **sustainability goals** with help from employees; **empower commuters** to go electric
- Maintain a **competitive workplace** with amenities/perks while these significant incentives last


Up & Go Electric for Public – Charging Stations

- ◆ **Where:** Community spaces with dedicated, publicly available parking: parks, libraries, shopping centers, and more!
- ◆ **How:** Flexible incentives for installing charging stations
 - PSE-owned turnkey service
 - Customer-owned/installed with incentives
- ◆ **Who:** Organizations with authority over dedicated, publicly available parking spaces
 - Municipalities, Ports, or other public entities
 - Local and independent businesses
 - Community centers
- ◆ **Why:**
 - Reduce EV charging barriers
 - Increase patronage and loyalty for local businesses
 - Advance sustainability goals



Questions?

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Thanks for Considering PSE Programs

Contact us early
and often in your
process and work
with us and your
contractor

Contacts Training and Commissioning:

Beth.Gilbertson@pse.com – Education, Municipalities

Holly.Lloyd@pse.com – Contractors – GC's, ESCO's, Cx

Programs:

www.pse.com/cleanbuildings

www.pse.com/mybusiness (all programs)

www.pse.com/cx

www.pse.com/businesslighting