

Equity Advisory Group

Meeting Agenda

Monday, May 3, 2021 from 4:00 p.m. to 7:00 p.m.

Online Meeting:

- YouTube live streaming link for members of the public:
<https://www.youtube.com/watch?v=AYXOEwErBNo>
- Note: at the end of the meeting, members of the public will receive the Zoom meeting link to provide verbal comments.

Meeting objectives:

- Reflect on EAG meeting #1 and share updates
- Shared understanding around the Clean Energy Transformation Act (CETA) and the Clean Energy Implementation Plan (CEIP)
- Connect how the Equity Advisory Group's discussions will help shape the CEIP
- Gather EAG input to inform PSE's understanding of barriers, burdens and opportunities for programs in the CEIP

3:30 p.m.	*** OPTIONAL: EAG networking and informal Q&A session with members and PSE staff	
4:00 p.m.	Opening <ul style="list-style-type: none"> • Welcome • Opening comments and safety moment • Overview of EAG Meeting #2 goals • Reflecting on what we've heard and member updates and questions 	Rose McKinney-James , Facilitator, Advocacy BL/ACK Andy Wappler , Vice President of Customer Operations and Communications, PSE EAG members
4:30 p.m.	Presentations: <ul style="list-style-type: none"> • CETA and CEIP framework • Overview of key components of CETA • Connecting equity to the CEIP and clean electricity • Overview of selected PSE programs through the lens of affordability and accessibility 	Rose McKinney-James , Facilitator Ben Farrow , Director Clean Energy Strategy, PSE Brian Tyson , Manager Clean Energy Planning and Implementation, PSE
5:30 p.m.	Break	All
5:45 p.m.	Small group discussion: <ul style="list-style-type: none"> • Equity and barriers to entry • Benefits and opportunities for community participation 	Rose McKinney-James , Facilitator
6:15 p.m.	Report outs by groups	Rose McKinney-James , Facilitator
6:35 p.m.	Observer Comment	
6:45 p.m.	Wrap up, next meeting date	Diann Strom , Strategic Engagement Lead, PSE Rose McKinney-James , Facilitator
7:00 p.m.	Adjourn	

Equity Advisory Group

Meeting #2 – May 3, 2021



We'll begin at 4 p.m.

Technical difficulties? Please call or text Mishu Pham-Whipple at 206-605-1673

Opening remarks

- Andy Wappler, Vice President of Customer Operations and Communications



Safety moment

- Spring is here! Safety with yard work
 - Wear protective footwear
 - Wear hearing and eye protection
 - Stretch your body
 - Lift things carefully
 - Watch out for kids and pet
 - Drink water and take breaks in the shade



Source: Statefarm.com
<https://www.statefarm.com/simple-insights/residence/spring-yard-cleanup-safety-tips>

EAG Meeting #2 – May 3, 2021

Facilitator's requests

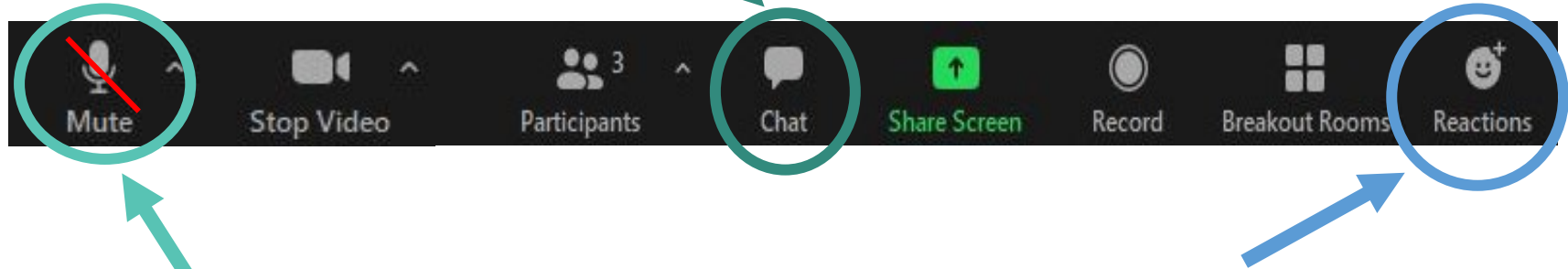
- Equity Advisory Group members, please:
 - Listen to and appreciate the diversity of views and opinions
 - Actively participate in the group
 - Behave constructively and courteously towards all participants
 - Respect the role of the facilitator to guide the group process

Equity Advisory Group Purpose

- Advise Puget Sound Energy (PSE) on the equitable delivery of benefits and burden reduction related to the planning and implementation of Washington's clean electricity standard, enacted into law as the Clean Energy Transformation Act (CETA)
- Contribute to the fulfillment of PSE responsibilities related to Clean Energy Implementation Plan (CEIP) development and implementation
- EAG members will be expected to contribute perspective and opinions based upon both lived and professional experience

Orientation: Zoom reminders for EAG members

If you have a **technical problem** or want to **type a question**, type them in the chat box!



Please **keep yourself on mute** unless you are speaking.

If you want to **ask a question verbally**, please click the 'Reaction' button and click on the **'Raise Hand'** option and we will call on you.

Observers and public comment

To watch the meeting as an observer



To make public comments, the Zoom Meeting ID will be provided during the last 10 minutes of the meeting (2 minutes per speaker)



Agenda

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Goals for today's meeting

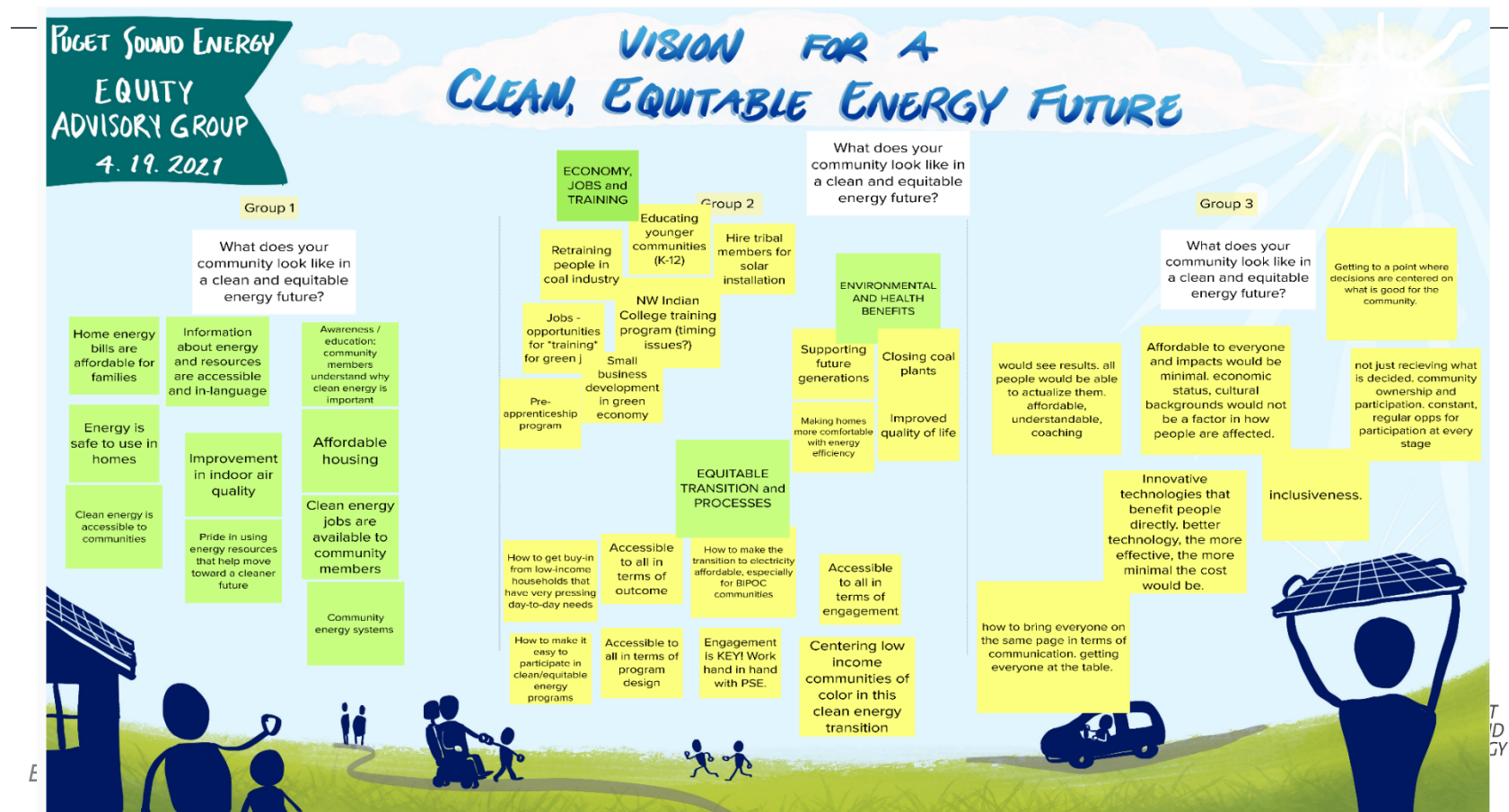


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Reflecting on Meeting #1



Reflecting on EAG #1



Group updates



What have you heard?


What did you think about the pre-reading?

Did you learn anything new?

Clean Energy Transformation Act and the Clean Energy Implementation Plan framework



Ben Farrow, Director, Clean Energy Strategy
Brian Tyson, Manager of Clean Energy Planning and Implementation, PSE



Participation Objectives

- ⚡ Share key provisions of the Clean Energy Transformation Act
- ⚡ Share components of the Clean Energy Implementation Plan (CEIP)
- Connect how the Equity Advisory
- ⚡ Group's discussions will help shape the CEIP

Clean Energy Transformation Act (CETA)

EAG efforts will be focused on these CETA initiatives:

⚡ Electricity supply:

Requires equitable distribution of benefits to all customers



2025

Coal-free
electricity



2030

Carbon-neutral
electric system



2045

100%
clean electricity

⚡ Utility planning:

Requires forward looking plans, like the Clean Energy Implementation Plan

Other areas of PSE are engaging on these CETA initiatives:

- Energy assistance
- Tax extensions
- Administrative provisions

Components of the Clean Energy Implementation Plan

4-year plan to establish:

1. Interim targets
2. Specific targets
 - Demand response
 - Energy efficiency
 - Renewable energy
3. Specific actions

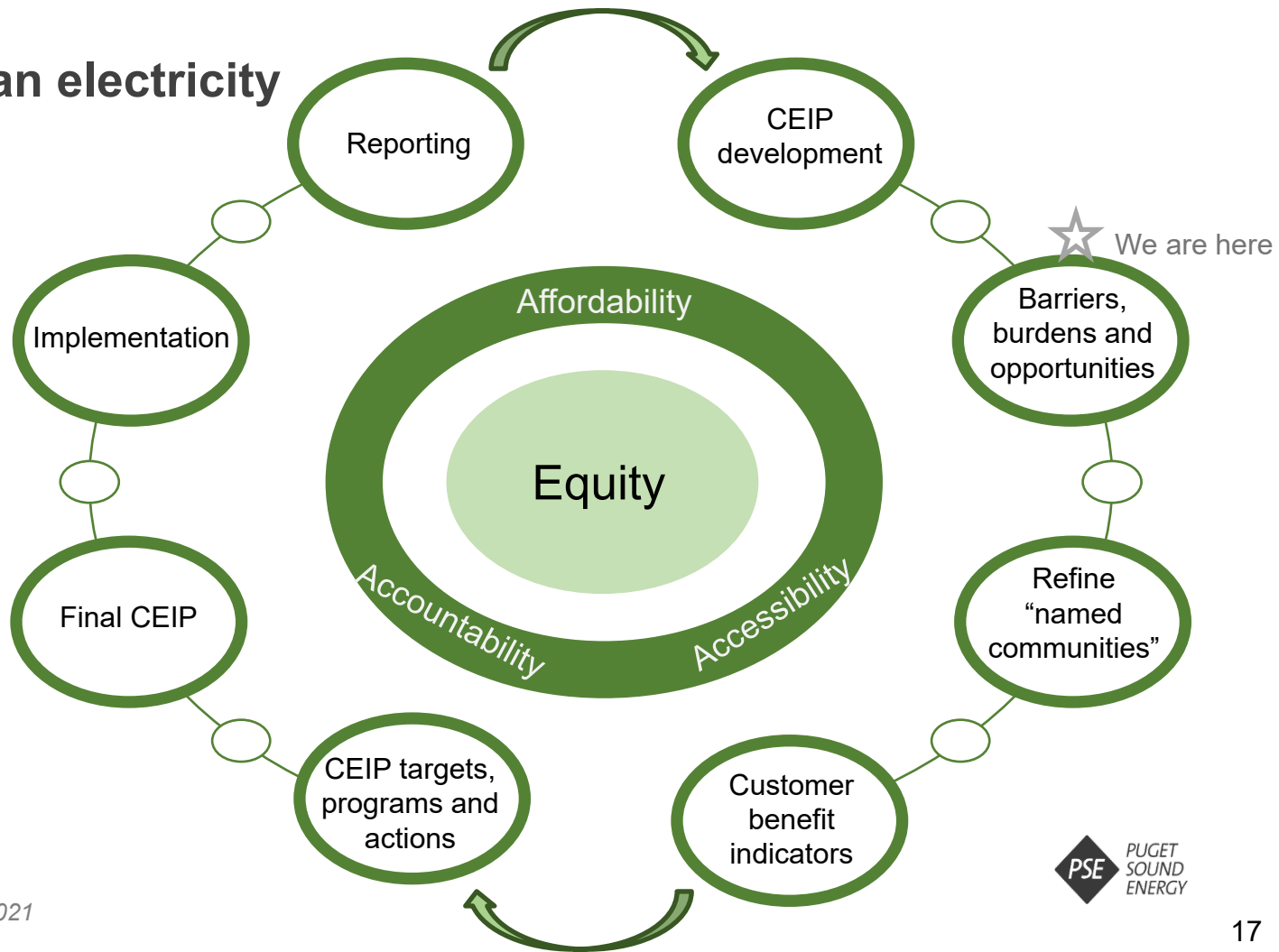
First plan covers calendar years 2022-2025

Draft
CEIP due
**Aug. 15,
2021**

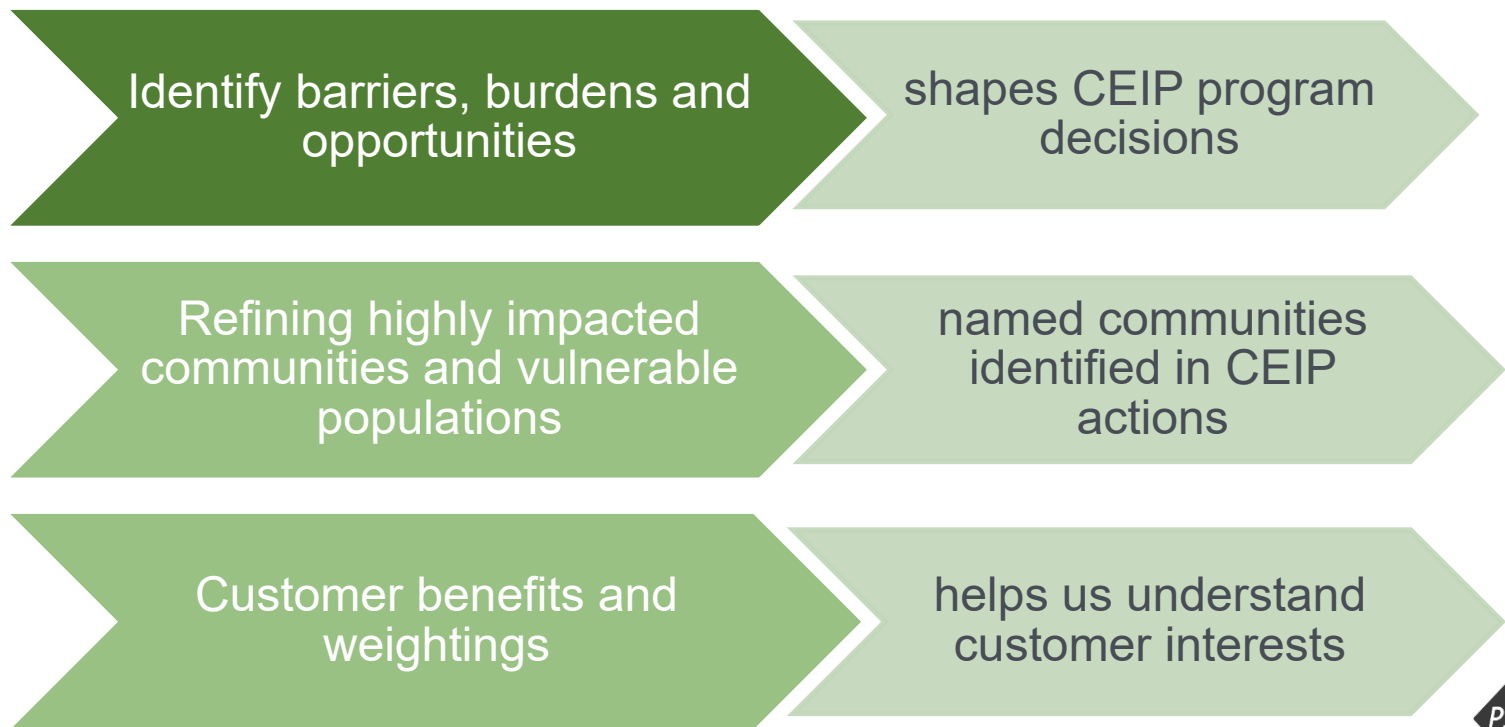
Final
CEIP due
**Oct. 1,
2021**

UTC will
approve,
deny, or
modify the
plan

Equity in our clean electricity transformation



Embedding equity into the CEIP with EAG efforts



PSE program case studies





Participation Objectives

- ⚡ Share examples of PSE programs
- ⚡ Using these examples, begin thinking about barriers, burdens and opportunities
- ⚡ In breakout sessions, discuss barriers, burdens and opportunities

About PSE

- Aspirational goal to reach Beyond Net Zero Carbon by 2045
- 1.1 million electric customers in 8 counties



- Combined electric and natural gas service
- Electric service
- Natural gas service



What **barriers, burdens and opportunities** could our customers face with the clean electricity transition?

- Focus on central task as we talk about programs



Energy Efficiency programs



Valuable rebates and offers to save on upgrades to your living space

Residential programs

- Rebates
 - Lighting, heat, new appliances, recycling appliances, smart thermostats, insulation, windows
- Multifamily Retrofit
 - Building upgrades, design services, strategic energy management
- New Construction
 - Incentives and design assistance
- Tools and services to help residents manage energy use and find contractors

Business programs

- Businesses
 - Appliance rebates
 - HVAC rebates
 - Lighting rebates
 - Small Business Direct Install
- Industrial / Commercial
 - Customized retrofit grants
 - Commissioning
 - Strategic Energy Management
 - Industrial programs
 - Commercial New Construction
 - Utility Energy Services Contract

Energy Efficiency programs



Low income energy efficiency programs:

Program	Eligibility	Access
Weatherization Assistance Program	Low income: 200% of Federal Poverty Guideline (FPG) or 60% of State Median Income (SMI), whichever is higher	Available through local Community Action Partnership (CAP) agencies and housing authorities
Emergency preparedness kits	No eligibility requirements, targeted to low income customers	PSE distributes to community organizations in our service area
Multifamily New Construction	Affordable housing*	Available to builders of multifamily properties with five or more residential dwellings
Efficiency Boost rebates	Moderate income: 60-80% of SMI	Available to residents

* Qualification based on state Low Income Housing Tax Credit program



Low-income billing assistance programs

Program	Description	Eligibility	Access
Low-Income Home Energy Assistance Program (LIHEAP)	Helps pay for heating and cooling on the customer's bill.	Modified adjusted gross income at or below 150% of Federal Poverty Guideline (FPG). Requires social security/legal documentation	Federally funded program Operated by 11 Community Action Partnership (CAP) agencies
Home Energy Lifeline Program (HELP)	Currently designed to pay 20-60% of a household's annual energy usage in a one-time per program year bill credit. Grant range is \$100-\$1,000.	Customers with a net household income up to 150% of FPG and work with a local community agency to receive the grant.* * Changing 10/1/21 to 200% of the FPL	Available through PSE Operated by 11 CAP agencies in 10 counties
Crisis-Affected Customer Assistance Program (CACAP)	Pays off a qualified customer's past due billing owed to PSE to avoid service disconnections once PSE begins to collect for non-payment in August.	A net household income up to 200% of FPG. Must have an urgent or final disconnection notice.	Available through PSE
PSE's Warm Home Fund	Helps keep customers from being disconnected or to reconnect service if they are disconnected. Max grant at this time is \$600.	A net household income up to 200% of FPG. Must have an Urgent or Final disconnection notice.	Available through PSE Operated by the Salvation Army in 10 counties

Renewables programs



Voluntary

Green Power Solar Choice

- Few extra dollars to match your electricity with green energy

Green Direct

- Voluntary program for corporations, government entities, and municipalities



Connected

Customer Connected Solar

- Customer-owned solar panels generate power and are credited with excess product to offset home energy consumption

Green Power grants

- Nonprofits, public housing authorities, and tribal entities serving low-income or BIPOC customers apply for grants to install solar panels

On the horizon



**Distributed Energy
Resources**



**PSE Up & Go Pilot
Program**



Community Solar

****Break****

- Please return in 15 minutes



Olympia transformer Artility project



Angelina Villalobos, artist, with Federal Way transformer Artility project



Small group discussion

- We will be moving into our breakout room portion of the meeting
- Members will be assigned to three small groups (30 minutes)
 - Planning
 - Community engagement
 - Economic development
- Members will return to share key takeaways from small group discussions (5 minutes each)

****Breakout groups underway****

Equity Advisory Group members are in breakout groups

We will reconvene in the main meeting room for breakout group reports.

See you when we get back!





Small group report outs

- Each group will report out

Public comment protocols

To provide a public comment:

1. Join us live in the Zoom meeting:

- a) Visit <https://zoom.us/join>
- b) Insert Meeting ID: **[To be provided in meeting]**
- c) Add your name in the chat box to speak
- d) The first 5 individuals will have 2 minutes each to speak

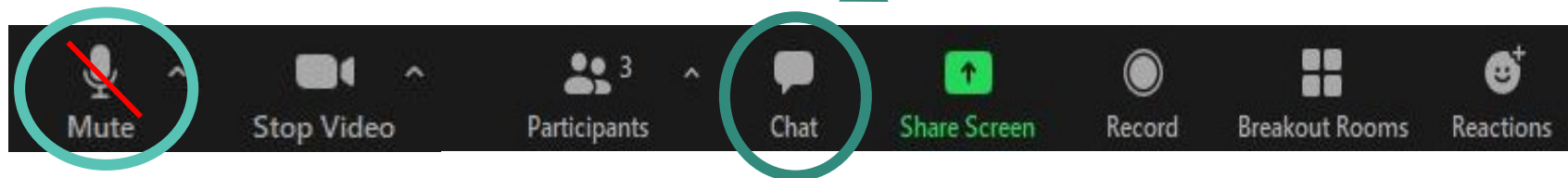
2. Provide a written comment via:

- Online comment form:
cleanenergyplan.pse.com/equity-advisory-group
- CEIP email: ceip@pse.com



Public comment Zoom reminders

Add your name **in the chat box** and we will call on you.



Please **keep yourself on mute** unless you are speaking.

Upcoming public participation



Next Meeting

- EAG meeting #3 – May 17, 2021, 4:00-7:00pm
 - Focus on measuring equity – discuss:
 - Refining definitions of highly impacted communities and vulnerable populations
 - Customer benefits
- EAG meeting materials and details are available at cleanenergyplan.pse.com

PSE income-eligible programs



March 2021

Puget Sound Energy (PSE) is the state's largest utility serving more than 1.1 million electric and 900,000 natural gas customers across 10 counties. During our nearly 150-year history one thing has remained constant: PSE's focus on safe, reliable, and affordable energy service.





PSE is deeply committed to the customers we serve. As we continue on the path of meeting the objectives of Washington's Clean Energy Transformation Act and progressing towards our aspirational Beyond Net Zero Carbon by 2045 goal, we're also ensuring that all customers, no matter their income level, have affordable access to energy and can benefit from a clean energy future. We offer a number of unique and innovative programs to assist these customers with their energy needs, and we continue to develop programs, products, and approaches to better serve them.

PSE income-eligible programs and customer qualification

	Very low income	Low income	Low – moderate income	Moderate income	Other
Definition	Modified adjusted gross income at or below 125% of federal poverty level	Modified adjusted gross income between 125% and 150% of federal poverty level	Up to 200% of federal poverty level or 60% of WA state median income	60% to 80% of WA state median income	Several programs use alternate eligibility requirements: Crisis-Affected Customer Assistance Program (CACAP-1 - qualifying customers included those who recently became unemployed or partially unemployed or cannot work due to COVID-19) Enhanced Rebates (customers with existing manufactured homes) Multifamily Retrofit (multifamily properties with five or more residential dwellings) Low-income EV pilot projects (Service providers working with low-income or underserved populations) Green Power Community Support Grants (Non-profits, housing authorities and tribal entities serving low-income or BIPOC customers)
PSE Programs	Low-Income Home Energy Assistance Program (LIHEAP - federally funded program)				
	PSE Home Energy Lifeline Program (HELP)				
	Weatherization Assistance Program				
	Crisis-Affected Customer Assistance Program (CACAP-2 for income-eligible customers with unpaid balances)				
	Emergency preparedness kits				
	PSE's Warm Home Fund				
	Community Solar				
	Multifamily New Construction (MFNC) affordable housing energy efficiency incentives				
				Efficiency Boost	
					CACAP-1
					Enhanced rebates - existing manufactured homes
					Multifamily retrofit
					Low-income EV pilot projects
					Green Power Community Support Grants







Customer assistance programs

PSE was one of the first utilities in the state to establish a bill assistance program and remains strongly committed to meeting its customers' needs. Customers can receive assistance through long-established programs like PSE HELP, or through newly established programs like the Crisis Affected Customer Assistance Program (CACAP), specifically designed to assist customers who are struggling to pay their bills due to the impacts of the COVID-19 pandemic.

Program		Description	Eligibility	Customer impact	Status
Emergency preparedness kit distribution		Targeted distribution of emergency preparedness kits for 2020-2021 storm season to most vulnerable customers	Low-income, senior citizens and immigrant populations via community organizations in PSE service area	4,800 kits distributed to PSE's most vulnerable customers for the 2020-2021 storm season	One time: Kits have been distributed to community organizations
PSE Home Energy Lifeline Program (HELP)		Provides bill payment assistance, supplementing Washington's Low Income Home Energy Assistance Program (LIHEAP). HELP can pay 20-60% of an income-qualified customer's annual energy costs.	Customers with a net household income up to 150% of Federal Poverty Guidelines (FPG) and work with a local community agency to receive the grant.	\$10 million distributed to over 26,000 customers between Oct. 2019 and Sept. 2020	Ongoing
Crisis Affected Customer Assistance Program (CACAP)		Created in response to the COVID-19 crisis, CACAP-1 provided a one-time bill credit for impacted customers equal to the cost of energy used based on a 2019 baseline. CACAP-2 funding is expected to be available to income eligible customers with unpaid balances starting April 1, 2021. \$20 million will be available for electric customers and \$7.7 million will be available for natural gas customers.	Customers who recently became unemployed, partially unemployed, or cannot work due to COVID-19.	Nearly \$9 million distributed to over 15,000 customers in 2020	The current program is no longer accepting new applications. A second program is expected to launch on April 1.
The Warm Home Fund		Provides a credit up to \$600 for income-eligible customers who are at risk of a service disconnection. The Warm Home Fund is administered by The Salvation Army and supported by voluntary contributions from PSE customers, employees and investors.	Customers who have first received LIHEAP or HELP assistance, have a net household income up to 150% of FPG and a disconnection notice.	\$842,000 distributed to over 2,400 customers in 2020	Ongoing





Products, services, and programs

PSE's products, services, and programs are designed to address barriers to participation in energy efficiency and renewable energy programs. The following programs make it easier for low and moderate income customers to reap benefits such as increased accessibility to clean energy products and services, reduced bills and increased comfort and warmth at home, and to better enable service providers to pass these benefits on to those they serve.

Program	Description	Target audience	Results
Weatherization Assistance 	Provides free upgrades to income-qualified customers including insulation, roof repairs, duct sealing, and more for single family homes, manufactured homes or eligible apartment buildings.	Program is available through local community action partnership (CAP) agencies and housing authorities to customers with a household income below 200% of the federal poverty level or 60% State Median Income, whichever is higher.	\$7.8 million in benefits to over 1,800 households in 2019
Green Power Community Support Solar Grants 	While the focus changes annually, this year PSE is offering competitive funding grants for solar installations to non-profits, public housing authorities, or tribal entities. Applicants may request up to \$100,000 per project.	Non-profits, public housing authorities, and tribal entities that serve low-income or Black, Indigenous, and People of Color (BIPOC) community members in PSE's electric service area.	<p>In 2020, \$580,000 was awarded to 10 non-profit and tribal organizations for new solar installations.</p> <p>For 2021, over \$1 million was awarded to 15 non-profit and tribal organizations for projects to be installed in 2021.</p>
Efficiency Boost 	Enhanced energy efficiency rebates for income-qualified residential customers across 4 different product categories: weatherization, windows, water heat, and space heat.	Customers whose incomes are just above the requirements for Bill and Weatherization Assistance, and who likely need more financial assistance in order to make energy efficiency upgrades. Moderate income customers are those with gross household incomes in the 60-80% range of state median income.	\$70,000 in rebates provided since launched in August 2020
Enhanced rebates for existing manufactured homes 	Enhanced energy efficiency rebates across 4 different product categories: weatherization, windows, water heat, and space heat. This program is available to customers who live in existing manufactured homes in need of energy efficiency upgrades.	PSE customers with existing manufactured homes. Additional requirements apply, depending on what energy efficiency upgrade the customer chooses.	<p>In 2019, 649 customers received \$1.55 million in energy efficiency upgrades.</p> <p>To date in 2020, 514 customers have received \$1.34 million in energy efficiency upgrades.</p>
Energy efficiency incentives for affordable housing projects 	Enhanced incentives targeting new affordable housing projects, including a 50% higher energy efficiency incentive and a \$2500 Early Design Assistance (EDA) incentive for projects that include PSE and other energy efficiency stakeholders in early planning meetings.	Affordable housing projects that qualify for Washington State Housing Finance Commission's Low Income Housing Tax Credits (LIHTC). These are defined as projects that have an overall average occupant income of 60% Area Median Income or less.	<p>In 2019 the program incentivized 4 MFNC affordable housing projects for a total incentive of \$93,341.</p> <p>In 2020 the program provided \$260,000 in incentives for 6 MFNC affordable housing projects.</p>
Multifamily Retrofit 	Incentives for energy efficiency upgrades in existing multifamily buildings. The program also incorporates an educational component to improve inefficient "behavioral" energy waste.	<p>The program is available to owners and site managers of multifamily properties with five or more residential dwellings (includes condo/townhomes) within PSE's gas and/or electric service area.</p> <p>Residents see the benefit of these upgrades in the form of reduced bills and non-energy benefits such as increased comfort and warmth.</p>	<p>In 2019 the program provided \$4.6 million in incentives that benefited over 27,000 gas and electric customers.</p> <p>In 2020 the program provided nearly \$3.5 million in incentives that benefited over 14,000 gas and electric customers.</p>

Projects in progress

PSE knows that we must do more to increase availability of clean energy products, and increase participation among eligible households in our assistance programs and products. That's why we continue to explore factors that contribute to lack of participation through customer research and launch innovative pilot programs, which will help us to develop new programs and improve existing services. Through concerted research and outreach, PSE will address barriers and develop programs that are responsive to the needs of the customers and communities we serve.

Initiative name	Description	Timeframe	Next steps
Low-income EV pilot projects 	PSE is partnering with low-income service providers on electric vehicle projects that promote equitable access to electric transportation and the resulting social, economic and environmental benefits. We collaborated with service providers on project plans, operational design, budget, and benefits tracking.	The first project launched in Sept. 2020. Additional projects are planned for a 2021 launch.	The pilot projects run for 2-3 years. Program expansion will depend on learnings from the pilots as well as community, regulatory and stakeholder reaction.
Community Solar 	We're currently developing an income-eligible Community Solar product offering. Under this voluntary program, customers will be able to subscribe to a limited number of shares in a local solar project and receive credits on their electric bills for energy produced by their share of the project. Income-eligible customers who subscribe will receive the financial and environmental benefits of the program at no cost.	The income-eligible Community Solar offering is expected to launch to customers in 2021.	The program is being prepared for launch to customers.
Underserved customer research 	We are conducting qualitative and quantitative research to better understand the needs and preferences of our underserved customers. Participants have a household income of less than \$50,000 and are predominantly representative of five racial groups (white, Black/ African American, Southeast Asian, East Asian, Latinx).	Results to be delivered Q2 of 2021.	The results will provide insight into products and services for this customer segment
Data modeling of income-eligible customers 	PSE's Customer Insights team, in consultation with product and marketing teams, is synthesizing multiple data sources and developing models of which customers or geographies are low-income, to better understand and identify these customers.	Ongoing	These data insights will inform strategies to develop and offer products and services to income-eligible customers.

Save money with PSE's energy efficiency rebates

For electric customers:

Appliances

Heat pump dryer	\$100
ENERGY STAR® frontload clothes washer	\$100
ENERGY STAR top load clothes washer	\$25
ENERGY STAR electric dryer	\$50
Pick-up and recycling of old fridges and freezers (Must have been manufactured in 1992 or before.)	Free + \$25

Lighting (instant in-store discount)

Light emitting diode (LED) fixture	Up to \$10
Patio style LED string lights	Up to \$5
T8 LED retrofit bulbs	Up to \$2
Recycling of CFL, incandescent, and LED bulbs	Free

Home heating systems

Electric resistance to ductless heat pump conversion (single family homes)	\$800
Forced-air furnace to heat pump conversion (single family homes)	\$1,500
Electric resistance to ductless heat pump conversion (manufactured/mobile homes)	\$2,400
Forced-air furnace to heat pump conversion (manufactured/mobile homes)	\$2,400

Water heating systems

Hybrid heat pump water heater Tier 3	\$500
Hybrid heat pump water heater Tier 3 (manufactured home)	\$1,000

For natural gas customers:

Home heating systems

ENERGY STAR boiler (95 percent AFUE)	\$350
Forced-air furnace (95 percent AFUE)	\$350
Integrated space and water heating	\$800

Water heating systems

Gas tankless water heater	\$250
Gas storage water heater	\$50

For electric and/or natural gas customers:

Energy management

Smart thermostat (ENERGY STAR models)	\$75
Line Voltage Connected Thermostat	\$75

Water savings (instant discount at PSE Online Marketplace)

ShowerStart TSV	Up to \$5
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Weatherization (for Single Family homes)

Windows (single-pane replacement)	\$50 per window, up to \$750
Attic insulation (R-11 or less to R-49)	50 percent of the cost, up to \$600
Wall insulation (R-0 to R-13)	50 percent of the cost, up to \$400
Floor insulation (R-11 or less to R-30)	50 percent of the cost, up to \$200
Whole house air sealing	50 percent of the cost, up to \$350
Prescriptive air sealing (attic and/or floor)	50 percent of the cost, up to \$100 (per area)
Prescriptive duct sealing and insulation (R-0 to R-11)	50 percent of the cost, up to \$400
Duct sealing only	50 percent of the cost, up to \$300

ENERGY STAR whole house ventilation

Up to \$200 per unit

Weatherization (for manufactured/mobile homes)

Attic Insulation	75 percent of the cost, up to \$1,200
Floor insulation	75 percent of the cost, up to \$1,200
Prescriptive duct sealing	\$450
Windows	\$200 per window, up to \$2,000
ENERGY STAR whole house ventilation	Up to \$50 per unit

Applies to existing single-family properties or attached housing with four units or less. Qualifying products must be installed in PSE's service area. Weatherization work must be completed by an independent contractor, pre-authorized by PSE. All are tariffed services and subject to change or termination without prior notice. Additional qualifications apply.

For a complete list of qualifications, visit pse.com/rebates or call a PSE Energy Advisor at 1-800-562-1482, Monday through Friday, 8 a.m. to 5 p.m. Check out the PSE Marketplace at pse.com/marketplace to learn more about instant rebates on select energy-efficient products for qualified customers.

Top ways to save energy and money



Heating

- Set the thermostat to 68°F or lower when you're at home and awake, and lower 7°F to 10°F when you're asleep or away. Install and properly set a programmable thermostat to make this happen automatically.
- If you have baseboard heaters, turn the thermostat down or off in unoccupied rooms and close the door. Do not do this if you have a furnace or heat pump.
- Have your heating system inspected regularly by a professional to ensure it's operating safely and efficiently.
- Clean or replace your furnace or heat pump filters regularly throughout the heating season. Proper air flow is important to the performance of your heating system. Replace filters as needed.
- Keep areas in front of baseboard and wall heaters, room registers and return air grills clean and clear of furnishings, curtains or other objects that block air flow.

Lighting

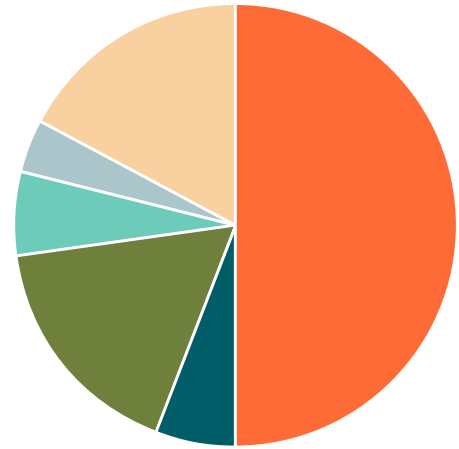
- Replace incandescent lighting with ENERGY STAR® qualified LED bulbs and fixtures, particularly in areas you use most. LED bulbs use up to 80 percent less energy than incandescent bulbs while providing the same amount of light.
- LED bulbs last anywhere from 13-25 years longer than incandescent bulbs, making them the ideal choice for hard-to-reach sockets and outdoor lighting.
- Choose the right bulb for each room. LED bulbs come in a variety of shapes, sizes and color tones to suit nearly every household fixture.
- Today's ENERGY STAR qualified bulbs turn on immediately and do not flicker or buzz. LEDs also offer dimmable options.
- When they do finally burn out, properly recycle CFL and other bulbs for free at participating retail locations, household hazardous waste facilities and select PSE offices.

Water heating

- Set the water heater thermostat to 120°F or the "low" setting.
- Find and fix leaks in fixtures and pipes. If your water heater is leaking, replace it.
- Install inexpensive pipe insulation on all exposed hot water pipes and on the first three feet of exposed cold water pipe that is connected to the water heater.
- Wash clothes in cold water and take shorter showers.
- Use the dishwasher rather than hand-washing dishes and don't pre-rinse dishes.
- Install low-flow, high-performance showerheads and faucet aerators.
- Install ShowerStart® thermostatic shut-off valves to save even more water and energy.

Get additional tips, rebate forms, contractor referrals and more info at pse.com/rebates or call a PSE Energy Advisor at **1-800-562-1482**, Monday through Friday 8 a.m. to 5 p.m.

Typical home energy use:



17% Appliances / Other	17% Water Heater
4% Fridge	6% Cooling
6% Lighting	50% Heating

Weatherization

- Use inexpensive weather stripping and door sweeps to reduce air leaks around entry doors. For a no-cost fix, roll up a bath towel and hold it against the bottom of the door with a weight.
- Fill, patch or caulk holes in floors and ceilings connected to unheated spaces. Often, large holes can be found in closets. Weather strip or temporarily seal access doors or hatches leading to unheated upper floors or attics.
- Check that your floors, walls, duct system and attic/ceiling are properly insulated.

Appliances and electronics

- Avoid over drying laundry and clean the lint filter every time you use it to decrease drying time.
- Think about whether you need that second fridge or freezer in the garage or basement. Older units can cost more than \$200 a year to power.
- When cooking, match pots and pans to the right sized burner. Use a microwave oven, rather than your stove, to heat food whenever possible.
- Many electronics draw power even when turned off. Plug items like TVs, DVD players and game consoles into power strips that you can switch off when not in use. Special advanced power strips do this automatically.

Start today!

Contact us at **1-866-997-9767** or visit
pse.com/multifamilyretrofit.

When you upgrade your property to use less energy, not only makes good business sense, it's the right thing to do.

As communities grow, the need to expand our energy supply grows with them. Energy-saving actions—like upgrading your buildings, buying ENERGY STAR® appliances, investing in smart technology—all help to take the load off the system.

This helps us to set and hit long-range efficiency targets, improve overall system reliability and invest in renewable energy and technology.

That translates into a lower energy bill for you, and a better energy future for all of us.

Learn more at pse.com/together.



Puget Sound Energy
P.O. Box 97034
Bellevue, WA 98009-9734
pse.com/multifamilyretrofit



Upgrades that save,
savings that last



For multifamily housing



How to participate

Incentives apply to all existing multifamily properties with five or more attached units located in PSE's service area.

1. Contact a PSE Multifamily Representative at **1-866-997-9767** or **multifamilyretrofit@pse.com** to schedule free energy assessment to determine range of eligible energy efficiency upgrades
2. Prioritize low-cost and no-cost energy and water saving upgrades and identify most cost-effective capital improvements
3. Schedule free in-unit direct installation appointment
4. Request bids for capital improvements from PSE's Contractor Alliance Network members
5. Complete authorized agreement prior to installing measures
6. Conduct installation and notify PSE upon completion in order to receive incentive payment

Benchmarking your property

It's difficult to manage what you can't measure. With the ENERGY STAR Portfolio Manager®, a secure, online tool you can measure and track energy and water consumption, as well as greenhouse gas emissions. PSE can help set up your benchmarking account to track performance of one building or a whole portfolio of buildings.

In addition, we also offer our Strategic Energy Management program and provide resources for site staff and residents to help put energy-saving practices into action.



Measure	Incentive
FREE in-unit direct-install replacement measures	
ENERGY STAR® qualified LED light bulbs	FREE
ShowerStart™ showerheads/adaptors	FREE
WaterSense® labeled faucet aerators	FREE
Water heater pipe insulation	FREE
Electric incentives	
Air sealing	Calculated
Attic, floor and wall insulation	\$0.75/sq ft
Windows and sliding glass doors	\$5-\$9/sq ft
ENERGY STAR qualified appliances (clothes washer, dryer)	Up to \$50/unit
Heat pump dryer	\$100/unit
Common area commercial washer	Up to \$200/unit depending on heat type
Refrigerator decommissioning	\$25/unit
ENERGY STAR qualified bathroom ventilation fan	\$50/unit
Heat pump water heater	Up to \$500/unit
Electronic line voltage thermostat	\$35/thermostat
Line voltage connected thermostat	\$50 per thermostat
Energy Star certified smart thermostat	\$75 per thermostat
Common area lighting	Variable up to \$0.225 per kWh. Maximum of 70% project cost
Custom upgrades—grant based on cost effective energy saved above code <small>Examples in multifamily properties may include common area or central HVAC, water heating and retrocommissioning</small>	\$0.35/kWh up to 70% of project cost
Natural gas incentives	
Attic, floor and wall insulation	\$0.75/sq ft
Windows and sliding glass door	\$7 or \$9/sq ft
ENERGY STAR qualified furnace	\$350/unit
ENERGY STAR qualified boiler	\$350/unit
ENERGY STAR qualified integrated space and water heating boiler	\$800/unit
Tankless water heater	\$250/unit
Storage tank water heater	\$50/unit
Custom upgrades—grant based on cost effective energy saved above code <small>Examples in multifamily properties may include common area or central boilers, pool heaters/covers, recirculation pumps, and retrocommissioning</small>	\$5/therm up to 70% of project cost

Measures may change during the year; always refer to our website for the latest offers and efficiency requirements.

pse.com/multifamilyretrofit



Renewable energy options

We offer voluntary renewable energy programs designed to keep sustainability within reach. Each is a way to reduce the carbon footprint of your home and make use of the Pacific Northwest's abundant clean power resources.



Green Power

A mix of renewable energy

- Electric customers can match their energy use with a mix of renewable resources – wind, solar, biogas and geothermal
- Options start at \$4 per month for 400 kWh of renewable energy, with no equipment needed to install or maintain

pse.com/greenpower



Carbon Balance

Offset your gas use

- Gas customers can support local projects working to reduce or capture greenhouse gases
- Starting at \$3 per month, customers can offset an equivalent to removing 400 pounds of CO₂ from the environment

pse.com/carbonbalance



Solar Choice

Power sources from the sun

- Electric customers can match their energy use with clean, solar power that is generated by suppliers in Washington and Idaho
- Customers do not need to install their own solar panels
- Each \$5 buys 150 kWh of solar power

pse.com/solarchoice



Customer Connected Solar

On-site renewable generation

- Customers who generate power through their own rooftop solar arrays or other means can connect to the grid
- Customers are credited for energy produced that exceeds personal use

pse.com/netmetering

Equity Advisory Group

Meeting Materials – Informational Videos

The links below provide information to support the May 3, 2021 Equity Advisory Group meeting.

- 2020 Green Power solar grant installations <https://www.youtube.com/watch?v=ZkEZOaI2Kbl>
- Testing batteries to modernize our grid <https://www.youtube.com/watch?v=Db83Zk2J1B4>