

**Table 2 to The Energy Project Comments on  
PSE's CEIP  
March 2, 2022**

Table 2. Summary of Extent to which PSE's CEIP Addresses the Joint Advocates Proposed Customer Benefit Indicators (CBIs)

CATEGORY	JA CBIs	JA METRICS	DID PSE PROPOSE THIS, TOO?		
ENERGY BENEFITS	Improve efficiency of housing stock in utility service territory, including low-income housing:	Increased funding of efficiency programs targeted to low income, both owner and renter.	No		
		Increased participation in programs	Yes (CBI 1)		
		Reduction in bills due to actions taken to improve efficiency.	Partially (CBI 1)		
		Increase number and percentage of appliances converted to efficient models.	No		
		Improvement and expansion of EE in rental housing stock.	Partially (CBI 1)		
	Low income and vulnerable communities have access to an increasing number of renewable or non-emitting distributed generation resources:	Increase in number of distributed and community renewable projects.	Partially (CBI 1)		
		Increase in number of community groups and households that own renewable energy projects.	No		
		Increased percentage of electricity generated by distributed renewable energy projects.	Yes (CBI 1)		
		NON-ENERGY BENEFITS	Community Employment opportunities:	Increased number of local low-income and vulnerable population representation in clean energy apprenticeships and/or training programs in the state	Partially (CBI 2)
				Increase in number of living wage/union jobs sustained.	Partially (CBI 2)
Increased representation of low-income and vulnerable communities for contractors selected in local program delivery	Partially (CBI 2)				
Health and Community well-being:	Reduced number of school and work absences due to illness triggered by poor air quality in highly impacted communities.		Partially (CBI 9)		
	Improved housing conditions: health and safety outcomes related to weatherization measure installation.		Partially (CBI 3)		
	Improved comfort in home (for example, customers' ability to heat/cool as needed, with efficient heat pump technology) due to more affordable bills.		Yes (CBI 3)		
	Increase in number of customers with access to electricity as a transportation fuel in highly impacted communities.		No		
	Increased incorporation of non-energy benefits in utility cost-effectiveness analyses, particularly for low-income weatherization measures and programs.		Partially (CBI 3 )		
	REDUCTION OF BURDENS		Reduction in number of customers suffering from high energy burden by:	customers in highly impacted communities;	Partially (CBI 5)
				customers in vulnerable populations;	Partially (CBI 5)
participants in bill assistance programs;		Partially (CBI 1)			
known low-income customers; and		No			
other residential customers with high energy burden.		Partially (CBI 5)			
Reduced barriers for program participation:		Increased participation in bill assistance, weatherization, and energy efficiency programs and grant opportunities.	Partially (CBI 1)		
		Expand translation services	Yes (CBI 4)		
		Reduction in cost disparities between customers who have access to EV charging at home on a residential rate and customers who do not have access to EV charging at home	No		
		PUBLIC HEALTH	Improved Health outcomes:	Reduction of hospital admissions for asthma.	Partially (CBI 9)
				Decreased wood use for home heating.	No
Improvements in indoor and outdoor air quality in communities that experience poor air quality due to pollution.	Partially (CBI 8)				
Reduction in health care cost burden and reduced health care bills.	No				

ENVIRONMENT	Reduction of GHG emissions:	Continuous reduction in overall greenhouse gas emissions in the utility service area.	Partially (CBI 6)
		Increased electrification (gas to electric conversions).	No
		Increased electrification of medium- and heavy-duty transport and utility maintenance fleets, and last-mile delivery fleets that serve or operate in highly impacted communities.	No
		Increased electrification of transit services.	No
	Reduced Pollution Burden and Pollution Exposure:	Decrease in share of population and pollution burden, by race/ethnicity, geography and all customer groups (e.g., income level, frontline community, senior citizens, medically vulnerable, rural/ urban, renter/homeowner, race, gender, ability/disability, language spoken, etc.).	No
		Decrease in air pollution exposure index, by race/ethnicity and all other customer groups.	No
		Reduction of particulates from fossil fuel burners in targeted neighborhoods.	Partially (CBI 8)
		Reduction in airborne particles in neighborhoods next to rail lines that transport coal.	Partially (CBI 8)
		Improved air quality due to reduction in diesel particulate emissions.	No
REDUCTION IN COST	Expand Bill Assistance Programs:	Increase participation rates, including among highly impacted communities, vulnerable populations, and all eligible customers	Yes (CBI 1)
		Increase penetration rates (portion of those eligible participating) overall and among highly impacted communities and vulnerable populations	No
		Increase annual program budget showing increases over prior years	No
		Increase in customers avoiding disconnection (i.e. customers who fall behind, but are ultimately spared disconnection due to assistance)	No
	Reductions in Number and Amounts of Arrearages:	Reduction in number and percentage of residential customers with arrearages 90+ days—with breakout for customers by zip code/census tract, renter, highly impacted communities, vulnerable populations, known low income, and BIPOC communities	No
REDUCTION IN RISK	Fewer customers with low utility credit code scores / fewer customers sent to collections:	Reduction in number and percentage of residential customers with the lowest and second lowest utility credit code scores	No
		Utility assessment and review of its credit code score system.	No
		Reduction in number and percentage of customers sent to collections for residential customers, including customers in highly impacted communities	No
	Increase Neighborhood Safety:	Reduction in frequency and length of outages due to major disasters, wildfires, and extreme weather events through cost-effective investments to reduce risk.	No
		Increased capacity of local community to respond to local disasters or weather events.	No
ENERGY SECURITY	Reduced Residential Disconnections:	Reduction in number and percentage of residential customer disconnections.	No
		Reduction in number and percentage of residential customer disconnections by location (and demographic info) of residential customer disconnections (zip code/census tract; renter; known low-income; highly impacted communities; and BIPOC customers).	No
		Reduction in risk of disconnection as evidenced by increased participation in arrearage management and Percentage of Income Payment programs.	No
	Improved access to reliable clean energy:	Increase number of neighborhoods with storage/backup/locally powered centers for emergencies.	Partially (CBI 10, CBI 11)
		Increase distributed generation in low-income neighborhoods.	No
	Optimize grid investments on the distribution system through increased distribution system planning.	No	
RESILIENCE	Reduce frequency and duration of blackouts or brownouts in target communities:	Improve SAIDI and SAIFI, particularly in communities that have experienced long loss of service in the past.	Partially (CBI 10)
	Reduction in energy and capacity need:	Increased participation in targeted demand response, load management, and behavioral programs that result in a measurable reduction to peak demand.	Yes (CBI 1, CBI 10)
		Increased acquisition of energy efficiency savings.	No
		Increased water savings due to water efficiency measures.	No

Please refer to the table below for how Table 2 numbers PSE’s CBIs (based upon PSE’s presentation in Table 3-6 of the CEIP)

<b>PSE CBI</b>	<b>Number Assigned</b>	<b>PSE Metric</b>
Improved participation in clean energy programs from highly impacted communities and vulnerable populations	1	Increase number and percentage of participation in energy efficiency, demand response, and distributed resource programs or services by PSE customers within highly impacted communities and vulnerable populations
		Increase percentage of electricity generated by distributed renewable energy projects
Increase in quality and quantity of clean energy jobs	2	Increase quantity of jobs based on: Number of jobs created by PSE programs for residents of highly impacted and vulnerable populations, number of local workers in jobs for programs, number of part-time and full-time jobs by project
		Increase quality of jobs based on: Range of wages paid to workers, additional benefits offered, and demographics of workers
Improved home comfort	3	Increased dollar in net present value (NPV) in NEI benefits for EE programs
Increase in culturally- and linguistically-accessible program communications for named communities	4	Increase outreach material available in non-English languages
Improved affordability of clean energy	5	Reduce median electric bill as a percentage of income for residential customers
		Reduce median electric bill as a percentage of income for residential customers who are also energy burdened
Reduced greenhouse gas emissions	6	Reduce PSE-owned electric operations metric tons of annual CO2e emissions
		Reduce PSE contracted electric supply metric tons of annual CO2e emissions
Reduction of climate change impacts	7	Increase in avoided emissions times the social cost of carbon
Improved outdoor air quality	8	Reduced regulated pollutant emissions (SO2, NOx, PM2.5)
Improved community health	9	Reduce the occurrence of health factors like hospital admittance and work loss days
Decrease frequency and duration of outages	10	Decrease the number of outages, total hours of outages, and total backup load served during outages using SAIDI and SAIFI
		Reduction in peak demand through demand response programs
Improved access to reliable, clean energy	11	Increase number of customers who have access to emergency power