



Avista's 2023 Clean Energy Implementation Plan Public Participation Meeting

December 12, 2023

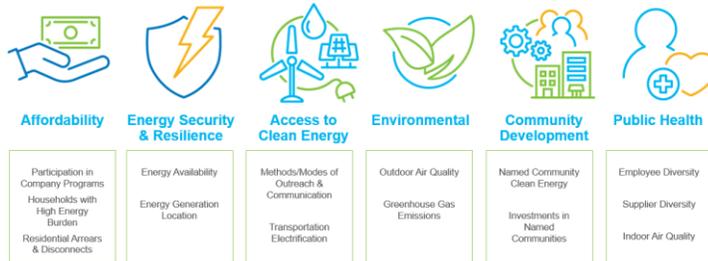
12:00 PM – Zoom

Meeting Comments and Company Responses

Slide 3 Agenda

Topic	Speaker
Introduction Welcome	Tamara Bradley, Manager of Social Impact
Community Message	Latisha Hill, VP Community Affairs & Chief People Officer
Named Communities Investment Fund	Kristine Meyer, Executive Director Avista Foundation Ana Matthews, Senior Energy Efficiency Manager
Connected Communities Project	Stephanie Myers, Energy Delivery Technology Manager
Transportation Electrification	Rendall Farley, Manager of Electric Transportation
Close	Tamara Bradley, Manager of Social Impact

Slide 4 Alignment to CEIP – CBIs



Slide 6 Named Communities Investment Fund

- Specific Action dedicated to the equitable distribution of energy and non-energy benefits and reduction in burdens to Named Communities
- Funding is limited to 1% or approximately \$5.0 million of electric revenues, annually

\$2M
 Supplement Energy Efficiency

\$1M
 Investments in Distribution Resiliency

\$1M
 Incentives & Grants for customers or third parties

\$500,000
 Outreach & Engagement

\$500,000
 Other Projects, Programs or Initiatives

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Energy Efficiency NCIF

The cleanest energy is the energy that is never used.

Up to \$2M
Supplement and support energy efficiency efforts targeted to Named Communities



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NCIF Process



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Factors for NCIF Consideration

Equity	Customer Benefit Indicators	Implementation Plan Specific Actions	Equity Advisory Group Initiatives
<ul style="list-style-type: none"> Affordability Access to Clean Energy Community Development Energy Security Environmental Public Health 	<ol style="list-style-type: none"> Participation in Company Programs Number of households with a High Energy Burden (>6%) Availability of Methods/Modes of Outreach and Communication Transportation Electrification Named Community Clean Energy Investments in Named Communities Energy Availability Energy Generation Location Outdoor Air Quality Greenhouse Gas Emissions Employee Diversity Supplier Diversity Indoor Air Quality 	<ul style="list-style-type: none"> Community Identified Project Multifamily Building Split Incentive Health & Safety for manufactured and mobile home Single Family Weatherization Community Energy Assistance Small Business Energy Assistance 	<p>Energy Efficiency in Named Communities</p> <ol style="list-style-type: none"> Improved awareness and energy efficiency for Spokane Tribe, multi-family and manufactured homes Increased Tree Canopy Increased access to products and appliances Increased awareness and engagement in EE programs Matching funds for EE grant applications Improved EE for those without stable housing

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Named Communities Projects in 2023



Renovation of community food pantry in Stevens County



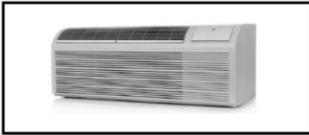
Participant Comment:
Company Response:

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Named Communities Projects in 2023



Renovation of affordable housing complex in Spokane County



Replacement of Packaged Thermal Air Conditioners in affordable housing complex in Spokane County

Slide 12

Named Communities Projects in 2023



Job skills program for women moving out of homelessness

Photo credit: The Lunch Box | Human Resources

Participant Comment: I notice that Community Solar is not mentioned. Why is Avista not re-engaging in this program? My household benefitted from the previous solar program and would sign up again if made available.

Company Response: Our next speaker will touch on community solar Stan. Thank you.

Participant Comment: Great to hear. What is this program or org called, can you say?

Company Response: The investment in workforce training was made with At the Well dba Christ Kitchen.

Participant Comment: Individual Resilience isn't part of the 14 Customer Benefit Indicators

Company Response: Workforce/employee/supplier diversity is tied into our customer benefit indicators and the equitable area of public health that the utility is required to address.



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Named Communities Projects in 2023



Photo Credit: Spokane Journal of Business

Partnership with community action agency to provide energy efficiency upgrades in Spokane County Mobile Home Co-op and manufactured homes in Census Block with high portion of low-income



Duct sealing for manufactured and mobile homes in Stevens, Ferry and Pend Oreille counties

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Named Communities Projects in 2023



Spokane Tribe's Tribal Administrative Building: support for grant submission for Clean Energy Fund to conduct energy efficiency and decarbonization.



Spokane East Central MLK Community Center: solar with battery storage systems, energy efficiency, EV charging along with and educational and outreach for the neighborhood residents about the benefits of the project to support critical needs during mass outages.

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A group of grid-interactive efficient buildings (GEBs) with diverse, flexible end use equipment and other distributed energy resources (DERs) that collectively work to maximize building, community, and grid utilization while meeting occupants' comfort and needs



Slide 17 Connected Communities

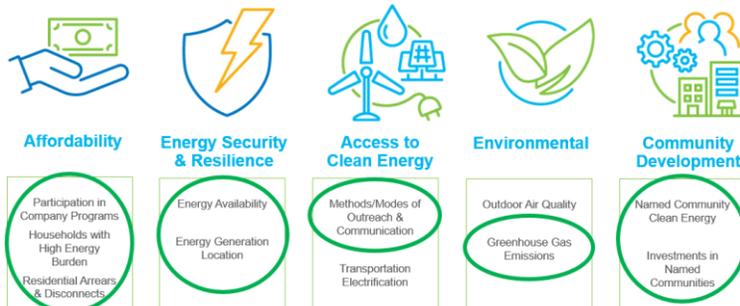


- ✓ Focused on one substation nearing capacity (3rd & Hatch)
- ✓ Engage 75-125 customers
 - ✓ Residential, multitenant, SMB, C&I
- ✓ The project will unlock:
 - ✓ 1.0 - 2.25 MW of flexibility using buildings & DERs
 - ✓ Save up to 900 MWh/yr from EE measures
 - ✓ Reduce emissions by up to 650,000 lb CO₂e/yr
- ✓ Playbooks to scale

Participant Comment: yes, there is a question on residential solar. I installed a 14K array this year but by hooking to the net metering reduced production to 10K moving from DC to AC. Would a project that uses the DC directly count? It would give me 40% increase in production and huge efficiency increases. Also I am located on the Colville Indian reservation.

Company Response: Hi there - our solar team could help answer your question. Please reach out to solar@avistacorp.com... I'll also give them your question so they will be expecting it.

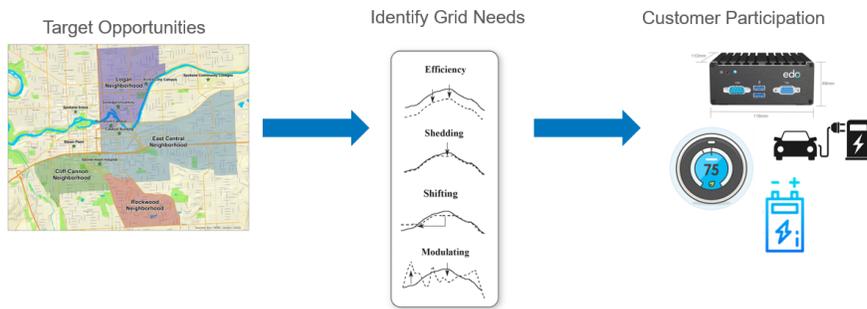
Slide 18 Alignment to CEIP – CBIs



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How will the program work?



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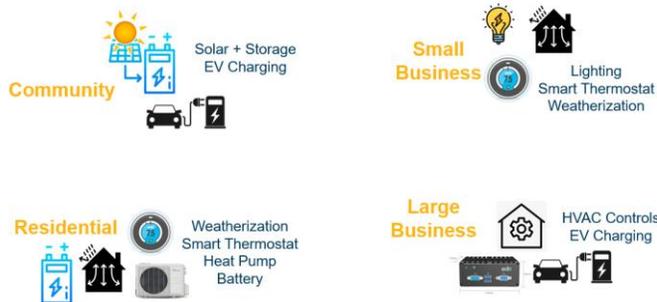
Timeline

Goals of the Program:
 1. 320,000 – 650,000 lb CO2 annually
 2. 1 MW – 2.25 MW demand flexibility
 3. 440 – 900 MWh annual energy savings



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Proposed Customer Programs



Participant Comment: Some very exciting programs

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AC Level 2 charging for residential and commercial customers

2023 thru Nov	Residential ACL2	Commercial ACL2
# Ports Installed	254	129
# Ports In-Service	731	581
Installation Cost per Port including charger	\$1,863	\$4,546
Lead Time	3 weeks	3.7 months
Customer Satisfaction	98%	95%



- No-cost installations for Community-Based Organizations (CBOs)
- **CBI: 181 charging ports in Named Communities**

Participant Comment:
Company Response:

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Public DC Fast Charging for Community Benefits



180kW DCFC at The HIVE in Spokane, WA – expandable to 1MW

- 17 sites installed in Eastern Washington
- 12 sites (70%) in Named Communities (at Community Centers, Libraries, Rural Towns, etc)
- Facilities clean and affordable ridesharing innovations for communities

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Building Momentum with Community & Low-Income Support Programs

- Providing Community-based Organizations (CBOs) with EVs and charging
 - 10 active partnerships to-date
- Prioritize EV charging in named communities and small rural towns; community centers, & libraries
- Support electric school bus grants and charging infrastructure
- **CBI: 896 trips provided by CBO partners in 2022**



Participant Comment: ndarnall7@gmail.com In which year will the energy available in the grid no longer meet the additional demand placed on it by e.g. converting heating and transportation to electric? What plans are in place to meet the additional demand? What will happen if/when the grid is no longer capable of meeting the demand?

Company Response: Will you direct message me your email and I will have the right internal person follow-up to your questions.

Participant Comment: What is the average additional Electrical bill impact of trickle charging one car at home?

Participant Comment: If we are moving to electric with cars, and there is less electricity because of dam removal, I wonder about availability for cars.

Company Response: it will be quite some time before we have any real issues in supply, we are just getting started to make sure we can get a lot of charging to happen off peak.

Participant Comment: Did I hear any discussion about time-of-day metering?

Company Response: We have 2 pilots launching in 2024 that will last a couple years. We will evaluate the pilots after that and determine if we will offer TOU rates beyond that, which would be later in the 2020s if we do.

Participant Comment: Do you know the amount or percentage of Split Air or Heat pump install is reimbursed?

Company Response: Heat pumps for connected communities are full provided by the program.

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Future Initiatives and Growth in Community Investments



Electric School Bus Projects



Fleet Advisory Services



Public Charging with On-site Renewables, Storage, & Micro-mobility



Ride-Sharing and Public Transit Support

Participant Comment: Very good informative presentation, thank you. Here's a question. I've seen in Europe residential communities with solar panels on roofs, supplementing the grid. This saves from grid consumption, or whenever in excess of resident's need the solar system releases the excess back into the grid (which earns the resident some cash). Is this available here or considered for future?

Company Response: (flygcraft@gmail.com) Hi Serge, as part of connected communities, we will be offering a residential battery program where the cost of the battery will be discounted through this program. The customer can then have their battery

