

AGENDA

UTILITY ADVISORY COMMITTEE

January 18, 2024

Hybrid Meeting In-person and via Zoom



AMERICANS WITH DISABILITIES ACT

The City of Ellensburg strives to make our services, programs, and activities readily accessible and usable by individuals with disabilities. Reasonable accommodations will be made upon request. Please furnish the ADA Coordinator with your request in sufficient time for the City to provide a reasonable accommodation by calling the City of Ellensburg ADA Coordinator at (509) 962-7222 or email ADACoordinator@ellensburgwa.gov.

**CITY OF ELLENSBURG
UTILITY ADVISORY COMMITTEE AGENDA**

**Council Chambers
501 North Anderson Street
Ellensburg, WA 98926
And remotely via Zoom
Thursday, January 18, 2024
3:30 PM - Regular Meeting**

- 1. Call to Order and Roll Call of Members**
- 2. Elect Chairperson & Vice Chairperson**
- 3. Approval of Agenda (No Public Comment)**
- 4. Approval of Minutes**
 - 4.A November 16, 2023 regular meeting minutes
- 5. Approval of Consent Agenda**
- 6. Correspondence and Citizen Comments on Non-Agenda Items**
- 7. Telecommunications Utility Discussion Items**
 - 7.A Monthly Telecom Report
- 8. Electric, Natural Gas, Water, Wastewater, Stormwater Utility Discussion Items**
 - 8.A Renewable Energy Park - Update
 - 8.B HopeSource Low-Income Energy Conservation Program
- 9. Staff Informational Items**
 - 9.A Public Works and Utilities Updates
- 10. Commission Representative Update**
- 11. Adjournment**



For more information on the Ellensburg Utility Advisory Committee, contact Operations Analyst, Kim Bowie, at
509-962-7124.

The Contents of this agenda have been photocopied on recycled paper.



CITY OF ELLENSBURG

Minutes of Utility Advisory Committee, Regular Meeting

Date of Meeting

November 16, 2023

Time of Meeting

3:30 PM

Place of Meeting

**Council Chambers
501 North Anderson Street
Ellensburg, WA 98926
And remotely via Zoom**

1. Call to Order and Roll Call of Members

Chairperson Goodloe called the meeting to order at 3:30 pm.

Members present: Nancy Goodloe, Chair; Nancy Lillquist, City Council; Jeff Bousson, CWU; Grant Craig, Utility Customer (Zoom); Audrey Huerta, Utility Customer; Bryan Clark, KITTCOM (Zoom).

Also present: Ryan Lyyski, Public Works & Utilities Director; Michael Jenkins, Finance Officer; Darin Yusi, Gas Engineer (Zoom); Derek Mayo, Engineering Services Manager (Zoom); Mike Helgeson, Assistant PW&U Director (Zoom); Kim Bowie, Operations Analyst; Buddy Stanavich, Energy Resource Manager; Jon Morrow, Stormwater Manager (Zoom); Paul Meyer, Senior Electrical Engineer; Nicole Baker, Sustainability & Energy Coordinator; Betsy Dunbar, Central Transit (Zoom); Wade Young, Light Operations Supervisor; Dan Davis, Light Tech; Consultants: Christie Hoffpauer, Ted Light, Louis Spanias (Zoom).

Four members of the public present remotely via Zoom.

2. Approval of Agenda

Committee member Lillquist moved to approve the agenda as presented. **Motion approved. 6-0**

3. Approval of Minutes

- 3.A October 19, 2023 regular meeting minutes
Committee member Lillquist moved to approve the regular meeting minutes.
Motion approved. 6-0

4. Approval of Consent Agenda

- 4.A Bid Award - Bid Call No. 2023-17 - Anderson Road Sewer Project
4.B Iron Horse Brewery Wastewater Discharge Agreement Renewal

Committee member Lillquist moved to approve the consent agenda. **Motion approved. 6-0**

5. Correspondence and Citizen Comments on Non-Agenda Items

None.

6. Telecommunications Utility Discussion Items

- 6.A Telecom Utility Verbal Update
None.

7. Electric, Natural Gas, Water, Wastewater, Stormwater Utility Discussion Items

- 7.A Sustainability & Energy Plan with Updated Clean Energy Implementation Plan

Christie with McKinstry gave an overview of the work done for the Sustainability & Energy Plan.

Nancy Lillquist move to amend E-2.7 to replace the words "vulnerable community members" to "those least able to pay". After some discussion, Nancy Lillquist move to amend the first motion E-2.7 to read "vulnerable community members and vulnerable businesses". **Motion approved. 5-0**

Nancy Lillquist move to revise E-3.7 to read "educate consumers and HVAC installers on preferred energy options and incentives". The motion was discussed and amended. Lillquist move to have E-3.7 changed to "educate consumers and HVAC installers on high efficiency and low emission energy options and incentives." **Motion approved. 5-0**

Nancy Lillquist move to add E-3.9 "Asses the impacts of increased electric loads on electric transmission and distribution systems." **Motion approved. 5-0**

Nancy Lillquist move to add E-3.10 "Develop a strategy to ensure reliable supply for peak power demands." **Motion approved. 5-0**

Nancy Lillquist move to add E-3.11 "Explore innovations in energy efficiency measures and renewable resources with the University to benefit the workforce and the economy." **Motion approved. 5-0**

Nancy Lillquist move to remove the community symbol from G-2.1 **Motion approved. 5-0**

Nancy Lillquist move to revise G-3.1 to read "Install additional on-site renewable generation, storage, and distributed energy resources." **Motion approved. 5-0**

Nancy Lillquist move to change wording in G-3.4 from "solar array contract" to "explore and expand community renewable energy facilities." **Motion approved. 5-0**

Nancy Lillquist move to add T-3.9 "Adopt a policy to prefer roundabouts where feasible at high traffic intersections and begin a program to purchase adequate Right-of-Way." After some discussion, Nancy Lillquist move to amend the

motion to add T-3.9 "Adopt a policy to prefer roundabouts where feasible at strategic intersections and begin a program to purchase adequate Right-of-Way." **Motion approved. 5-0**

Nancy Lillquist move to remove "xeriscaping" from W-1.1 and add it to (e.g.) in W-1.2. **Motion approved. 5-0**

Nancy Lillquist moved to forward a favorable recommendation to approve the draft with amendments to City Council. **Motion approved. 5-0**

7.B 2023 Electrical System Plan

Nancy Goodloe move to recommend that City Council approve the City Manager to execute the agreement for professional services for the 2023 Electrical System Plan with the consultant Power Engineers, Inc. **Motion approved. 5-0**

8. Staff Informational Items

- 8.A Public Works and Utilities Updates
Information from the staff report was shared.

9. Commission Representative Update

None.

10. Adjournment

Meeting adjourned at 5:16 pm.



Meeting Date: January 18, 2024

**City of Ellensburg
Utility Advisory Committee Agenda Report**

Agenda Subject: Monthly Telecom Report
Submitted by: Ben Faubion
Department: Information Technology

Background/Summary:

- Completed fiber connection corrections to Illinois Well.
- The city is applying for an extension to the NTIA Grant due to delays caused by Permits. PSE Is still reviewing the Permit applications.



Meeting Date: January 18, 2024

**City of Ellensburg
Utility Advisory Committee Agenda Report**

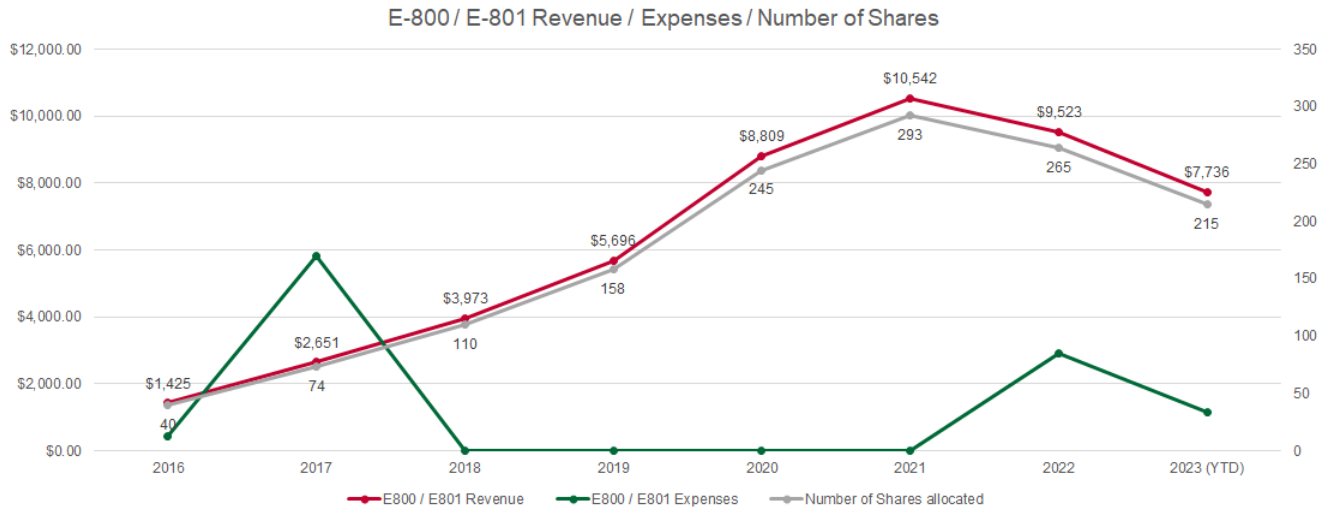
Agenda Subject: Renewable Energy Park - Update
Submitted by: Buddy Stanavich , Energy Resources Manager
Department: Public Works & Utilities

Suggested Motion/Action:
Status update

Background/Summary:
The City of Ellensburg has been offering voluntary renewable energy rates since 2016. These voluntary rates are sold in 100 kWh blocks up to the generation of the City’s Renewable Energy Park. The customer contributions have changed over the years, with a peak in 2021 of 293 units accounted for out of a maximum of 348. The maximum E-800 blocks available for 2023 was 339. Funds are tracked in a specific budget fund. Spending in recent years has been on educational materials handed out at the annual Touch A Truck event. Customers contributing to the E-800 rate class pay \$3.00 for each 100 kWh block they sign up for. Customers contributing to the E-801 rate class pay \$3.00 for each unit and funds accumulate for use in maintaining or expanding the renewable energy park. E-801 is not capped by the generation output of the renewable energy park.

Previous Council Action:
None

Analysis:
The chart below shows the participation in the Voluntary Renewable Energy Rates (E-800 & E-801) and expenses at the Renewable Energy Park beginning in 2016. Please note that with the 2023 billing software upgrade, we are missing some 2023 participation numbers in this analysis.



Financial Impact:
Information only

Budget Adjustment: No

Attachments:
None



Meeting Date: January 18, 2024

**City of Ellensburg
Utility Advisory Committee Agenda Report**

Agenda Subject: HopeSource Low-Income Energy Conservation Program
Submitted by: Buddy Stanavich , Energy Resources Manager
Department: Public Works & Utilities

Suggested Motion/Action:

Motion to continue supporting the HopeSource Low-Income Energy Conservation Program.

Background/Summary:

The City collaborated with HopeSource to maximize benefits to the customers and in March of 2014, a professional services contract was approved by City Council formalizing the agreement. Twenty eight (28) homes were initially identified that needed weatherization measures to reduce energy and water consumption. The 2014 agreement facilitated that work and was replaced by a 3-year agreement dated December 1, 2015, to continue those weatherization efforts. That contract was renewed for three years on January 12, 2018. On April 1, 2019 a similar agreement was executed with HopeSource to provide energy conservation to low-income customers with natural gas heated homes. Both the natural gas and electric agreements were renewed and have now expired in December 2023.

Previous Council Action:

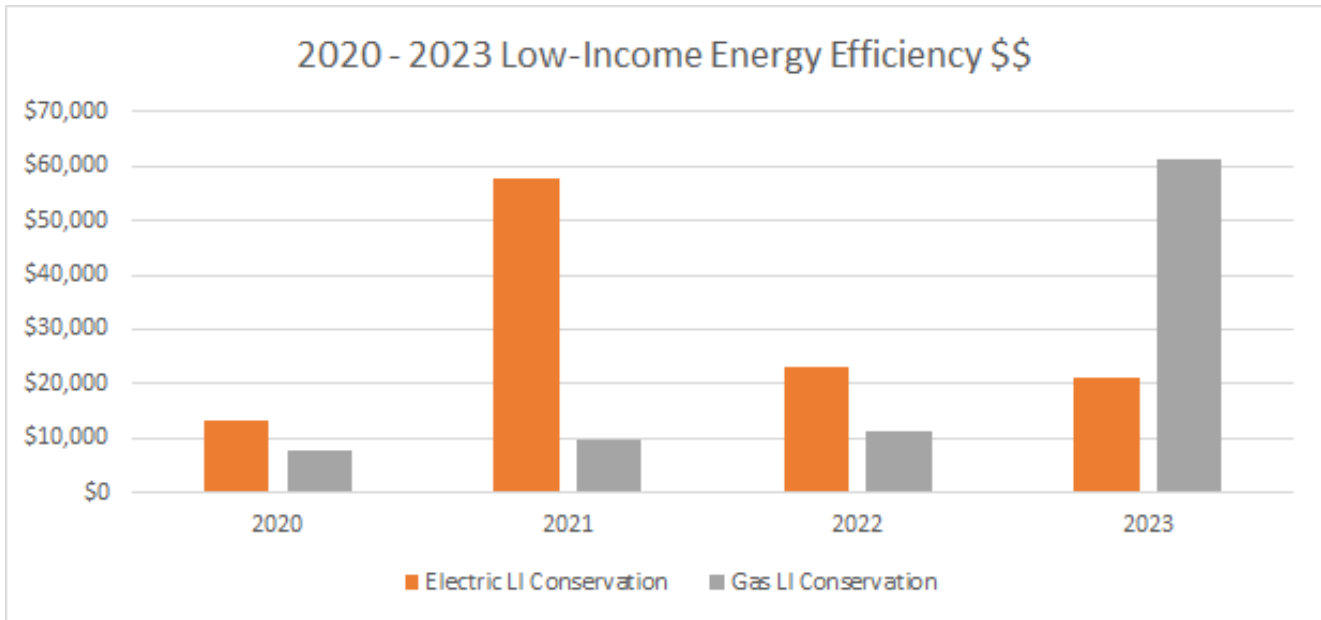
None

Analysis:

The existing agreements include a 24% administration/overhead fee on the costs of performing the work, plus a \$200 fee for conservation education services. The remaining costs are covered by HopeSource from other funding sources for a zero cost to the customer receiving weatherization measures.

Projects are submitted to the City for approval and tracking purposes prior to authorizing work.

BPA has put significant investment in developing the Energy Efficiency Implementation Manual, and it is a great resource for identifying and properly incentivizing cost-effective energy efficiency. Also, BPA uses 200% Federal Poverty Level (FPL) to determine income eligibility. Utilizing the same approach for the natural gas low-income weatherization has made the energy efficiency program simpler and standardized across both the electric and gas utilities.



Financial Impact:

Both the adopted electric and gas utility budgets include \$75,000/year for rate-funded conservation expenses.

Budget Adjustment: No

Attachments:

1. 2024-25-BPA-IM - Low Income Measures

Documentation Requirements

DOCUMENTATION DESCRIPTION	RETENTION/SUBMITTAL LOCATIONS	
	BPA ENERGY EFFICIENCY TRACKING SYSTEM	CUSTOMER FILE
Please see Measure Distribution Process (Section 6.2) for documentation requirements for each channel listed above		X*

*Unless otherwise specified in Section 6.2

Payment

MEASURE CATEGORY	DIRECT INSTALL	BY REQUEST
Door Sweep	\$25	\$10

11.9 LOW-INCOME ENERGY EFFICIENCY MEASURES

Measures for qualifying low-income homes include:

- Commercial HVAC for Multifamily Shared Common Areas (Sections [8.4.2](#) – [8.4.4](#)): Commercial Connected Thermostat, Commercial Ductless Heat Pump Retrofit and Upgrade, and Air-Source Heat Pump Retrofit and Upgrade
- Consumer Products (Section [11.2](#)): Clothes Washer and Clothes Dryer
- Heat Pump Water Heaters (Section [11.4.2](#) – [11.4.3](#))
- HVAC (Section [11.5](#): Ductless Heat Pump, Ducted Non-Variable Speed and Variable-Speed Heat Pumps, Packaged Terminal Heat Pump, Prescriptive Duct Sealing, Duct Insulation, Line Voltage Thermostat, Contractor-Installed Smart Thermostat, and Communicating Line Voltage Thermostat)
- Weatherization (Section [11.8](#): Insulation, Prime Window and Patio Door, Low-E Storm Windows, Exterior Insulated Door, Whole House and Prescriptive Air Sealing, and Door Sweep)

Income Qualification Guidelines & Documentation

Low-income household eligibility is based on gross income and is defined in the Federal Weatherization Assistance Program (WAP) as [200% of the poverty income levels](#). Alternatively, approved statewide or tribal eligibility definitions may substitute for federally established qualifying low-income levels, if provided.

For multi-unit properties, 50% or more of the households must income-qualify for the entire building or complex to qualify for low-income incentives. Utilities may set more stringent requirements at their discretion, however;

- Two-, three-, and four-unit dwellings: A minimum of 50% of households can be one household in a two-unit dwelling, two households in a three-unit dwelling, or two households in a four-unit dwelling.
- Five or more units: A minimum of 50% of households.

For income eligibility, utility customers shall retain documentation of either of the following options:

- Proof or an attestation that the end-user's income eligibility was reviewed from a "verifiable" source. "Verifiable" refers to any documentation that can be verified by another source, which may include but is not limited to a pay stub, copies of IRS form 1040, Section 8 eligibility, certification by a Community Action Agency (CAA), certification by a Low-Income Home Energy Assistance Program (LIHEAP) administrator, HUD eligibility, proof of current assistance from a state health and human services agency, current Temporary Assistance for Needy Families (TANF) benefits, or Supplemental Security Income (SSI). Customer utilities do not need to keep the "verifiable" documents on file for BPA review, only the proof or attestation that they have been reviewed.
- Proof that the end-user's signed self-attestation of income was reviewed: Self-attestation of income must be signed by the end-user. Suggested guidance on what information can be collected by utilities and CAAs is located on the [Low-Income Project Information and Income Verification Form \(Optional\)](#).

Utility customers may use the eligible low-income measures to implement low-income programs themselves through an implementation firm or Community Action Agency (CAA), but must retain responsibility for and control over the program.

For more information, please review the [Low-Income Energy Efficiency New Opportunities Guide](#) listed on the [Low-Income Energy Efficiency webpage](#) or the [Low-Income Resource Page for Utilities](#). Utilities can use and customize the [Low-Income Project Information and Income Verification Form \(Optional\)](#) to help implement this program.

Basis for Energy Savings

Refer to individual corresponding “non-low income” measure sections for more information.

Requirements and Specifications

All existing housing types (single-family, manufactured and multifamily) are eligible for low-income measures although not all measures are applicable to each housing type. See the Low-Income Payment Table in this section for available measures by housing type.

Homes must be income-qualified in BPA’s service territory.

For any measure with a required BPA Qualified Products List (QPL), the technology must be on the QPL to qualify for payment.

Refer to individual corresponding “non-low income” residential measure sections for qualifying heating system types, pre-qualification requirements, required installation specifications, QPLs, contractor certifications, documentation, and additional measure details. Please see the Residential Table of Contents at the beginning of Section 11 for additional reference.

Documentation Requirements

DOCUMENTATION DESCRIPTION	RETENTION/SUBMITTAL LOCATIONS	
	BPA ENERGY EFFICIENCY TRACKING SYSTEM	CUSTOMER FILE
Proof or an attestation that the end user’s income eligibility was reviewed from a verifiable source (e.g., paystub, Section 8 voucher, etc.) or documentation that a self-attestations of income signed by the end-user was reviewed.		X
<i>Please reference the Documentation Requirements tables in the corresponding “non-low income” measure sections when claiming low-income measures:</i>		
Insulation: Section 11.8.1		
Prime Window or Patio Door: Section 11.8.2		
Low-E Storm Windows: Section 11.8.3		
Exterior Insulated Door: Section 11.8.4		
Whole House Air Sealing: Section 11.8.5		
Prescriptive Air Sealing: Section 11.8.6		
Door Sweep: Section 11.8.7		
Clothes Washer – ENERGY STAR: Section 11.2		
Clothes Dryer – ENERGY STAR or BPA Tiers 1 – 3: Section 11.2		
Unitary Heat Pump Water Heater – 40 gallon: Section 11.4.2		
Unitary Heat Pump Water Heater – 50 gallon and above: Section 11.4.3		
Ductless and Ducted Mini-Split Heat Pump: Section 11.5.1		
Air-Source Heat Pump Conversion: Section 11.5.2		
Air-Source Heat Pump Conversion to Variable-Speed Air-Source Heat Pump: Section 11.5.3		
Variable-Speed Air-Source Heat Pump Upgrade: Section 11.5.4		
Packaged Terminal Heat Pump: Section 11.5.6		
Prescriptive Duct Sealing: Section 11.5.8		

DOCUMENTATION DESCRIPTION	RETENTION/SUBMITTAL LOCATIONS	
	BPA ENERGY EFFICIENCY TRACKING SYSTEM	CUSTOMER FILE
Duct Insulation: Section 11.5.9		
Line Voltage Thermostat: Section 11.6.1		
Communicating Line Voltage Thermostat: Section 11.6.2		
Advanced Smart Thermostat (Direct-Installed): Section 11.6.3		
Commercial Connected Thermostat (Multifamily Shared Common Areas Only): Section 8.4.2		
Commercial Ductless Heat Pump Retrofit and Upgrade (Multifamily Shared Common Areas Only): Section 8.4.3		
Commercial Air-Source Heat Pump Retrofit and Upgrade (Multifamily Shared Common Areas Only): Section 8.4.4		

Payment

Customers may combine funding sources within a residence, but may not combine funding from multiple BPA sources for the same measure installation.

BPA allows customers to report costs directly attributable to the installation of the measure as eligible for dollar-for-dollar payment except as noted in the table below, not to exceed 100% of the actual cost. This includes any cost incurred for meeting requirements and specifications (e.g., equipment, labor, verification of income, attic and crawl space ventilation, removal of knob and tube wiring, and underfloor moisture barriers).

Additionally, customers may separately report costs related to repair work that is directly associated with the installation of the measure required for health and safety reasons or to ensure the efficacy of the measure (e.g., replace rotting wood in window frame or repair a hole in the roof). Repair costs must be documented on contractor invoices and reported separately. See the payment table to determine which low-income measures are eligible for additional repair costs.

To determine accurate payment levels for low-income weatherization measures, please reference the Low-Income Payment Table below. The [UES Measure List](#) and corresponding IM “non-low income” measure sections may not accurately reflect the overall per-unit reimbursement totals for some low-income weatherization measures. If invoicing BPA for low-income weatherization measure payments, please disregard the UES measure list payment rates and instead reference the contractor invoice and report the total low-income measure cost and total cost of eligible repairs.

HOME TYPE	LOW-INCOME QUALIFYING MEASURE	INSTALLED MEASURE COST PAYMENT - DOLLAR-FOR-DOLLAR (EXCEPT AS NOTED)	REPAIR COST PAYMENT - DOLLAR-FOR-DOLLAR (EXAMPLES PROVIDED)
Single-Family	Attic Insulation (up to R-49)	Dollar-for-dollar	Examples include: Repair roof leak, rebuild external entrance covering, and fix hole in siding
	Floor Insulation (up to R-30)	Dollar-for-dollar	
	Wall Insulation (up to R-11)	Dollar-for-dollar	
	Prime Window	Dollar-for-dollar, not to exceed \$45/sq. ft.	Examples include: Address dry rot in window framing, replace rotten threshold, and repair cracked header
	Patio Door	Dollar-for-dollar, not to exceed \$45/sq. ft.	
	Low-E Storm Window	Dollar-for-dollar, not to exceed \$10/sq. ft.	
	Exterior Insulated Door	Dollar-for-dollar, not to exceed \$700/door	
	Whole House Air Sealing	Dollar-for-dollar	Examples include: Reframe attic access hatch, repair pull-down stairs, and install whole-house ventilation fan
	Prescriptive Air Sealing	Dollar-for-dollar	
	Door Sweep	Dollar-for-dollar, not to exceed \$35	No repair costs allowed for this measure
	Clothes Washer – ENERGY STAR Front Load or Top Load	Dollar for-dollar, not-to-exceed \$800	No repair costs allowed for this measure
	Clothes Dryer – ENERGY STAR or BPA Tiers 1 – 3	Dollar for-dollar, not-to-exceed \$800	No repair costs allowed for this measure
	Unitary Heat Pump Water Heater - 40 gallon	Dollar-for-dollar, not to exceed \$2,800	Examples include: Replacement of plumbing connections at water heater, relocating to ensure adequate ventilation
	Unitary Heat Pump Water Heater – 50 gallon and above – Tiers 3 & 4	Dollar-for-dollar, not to exceed \$3,000	
	Ductless or Ducted Mini-Split Heat Pump(s) or Ductless Heat Pump (DHP) Conversion	Dollar-for-dollar, not to exceed \$6,000/DHP	Examples include: Improve structural support for interior head or repair to damaged siding at connection point
	Ducted Air Source Heat Pump Conversion (non-Variable Speed)	Dollar-for-dollar, not to exceed \$9,000	Examples include: Repair to damaged siding at connection point
	Ducted Variable-Speed Heat Pump Conversion or Upgrade	Dollar-for-dollar, not to exceed \$9,000	Examples include: Repair to damaged siding at connection point
	Prescriptive Duct Sealing	Dollar-for-dollar, not to exceed \$750	Examples include: Replace rusted duct work and repair broken filter slot
	Duct Insulation	Dollar-for-dollar	Examples include: Replace severely rusted, corroded, or disconnected ductwork
	Line-Voltage Thermostat	Dollar-for-dollar, not to exceed \$85	No repair costs allowed for these measures
	Communicating Line Voltage Thermostat	Dollar-for-dollar, not to exceed \$225	
	Advanced Smart Thermostat (Direct-Installed)	Dollar-for-dollar, not to exceed \$400	

HOME TYPE	LOW-INCOME QUALIFYING MEASURE	INSTALLED MEASURE COST PAYMENT - DOLLAR-FOR-DOLLAR (EXCEPT AS NOTED)	REPAIR COST PAYMENT - DOLLAR-FOR-DOLLAR (EXAMPLES PROVIDED)
Multifamily Low-Rise	Attic Insulation (up to R-49)	Dollar-for-dollar	Examples include: Repair roof leak, rebuild external entrance covering, and fix hole in siding
	Floor Insulation (up to R-30)	Dollar-for-dollar	
	Wall Insulation (up to R-19)	Dollar-for-dollar	
	Prime Window	Dollar-for-dollar, not to exceed \$45/sq. ft.	Examples include: Address dry rot in window framing, replace rotten threshold and repair cracked header
	Patio Door	Dollar-for-dollar, not to exceed \$45/sq. ft.	
	Low-E Storm Window	Dollar-for-dollar, not to exceed \$10/sq. ft.	
	Exterior Insulated Door	Dollar-for-dollar, not to exceed \$700/door	
	Door Sweep	Dollar-for-dollar, not to exceed \$35	No repair costs allowed for this measure
	Clothes Washer – ENERGY STAR in Common Areas	Dollar for-dollar, not-to-exceed \$800	No repair costs allowed for these measures
	Clothes Dryer – ENERGY STAR or BPA Tiers 1 – 3	Dollar for-dollar, not-to-exceed \$800	
	Unitary Heat Pump Water Heater - 40 gallon	Dollar-for-dollar, not to exceed \$2,800	Examples include: Replacement of plumbing connections at water heater, relocating to ensure adequate ventilation
	Unitary Heat Pump Water Heater – 50 gallon and above – Tiers 3 & 4	Dollar-for-dollar, not to exceed \$3,000	
	Residential Packaged Terminal Heat Pump	Dollar-for-dollar, not to exceed \$1,600	Examples include: Improve structural support for interior unit or repair to damaged siding at connection point
	Line Voltage Thermostat	Dollar-for-dollar, not to exceed \$85	No repair costs allowed for these measures
	Communicating Line Voltage Thermostat	Dollar-for-dollar, not to exceed \$225	
	Advanced Smart Thermostat (Direct-Installed)	Dollar-for-dollar, not to exceed \$400	
	Commercial Connected Thermostat (Multifamily Shared Common Areas Only)	Dollar-for-dollar, not to exceed \$400	No repair costs allowed for this measure
	Commercial Ductless Heat Pump Retrofit and Upgrade (Multifamily Shared Common Areas Only)	Dollar-for-dollar, not to exceed \$2,000/ton	Examples include: Improve structural support for interior head
	Commercial Air-Source Heat Pump Retrofit and Upgrade (Multifamily Shared Common Areas Only)	Dollar-for-dollar, not to exceed \$1,400/ton	Examples include: Repair to damaged siding at connection point

HOME TYPE	LOW-INCOME QUALIFYING MEASURE	INSTALLED MEASURE COST PAYMENT - DOLLAR-FOR-DOLLAR (EXCEPT AS NOTED)	REPAIR COST PAYMENT - DOLLAR-FOR-DOLLAR (EXAMPLES PROVIDED)
Multifamily Mid-/ High-Rise	Attic Insulation (up to R-49)	Dollar-for-dollar	Examples include: Repair roof leak, rebuild external entrance covering, and fix hole in siding
	Wall Insulation (up to R-19)	Dollar-for-dollar	
	Prime Window	Dollar-for-dollar, not to exceed \$45/sq. ft.	Examples include: Address dry rot in window framing, replace rotten threshold, and repair cracked header
	Patio Door	Dollar-for-dollar, not to exceed \$45/sq. ft.	
	Door Sweep	Dollar-for-dollar, not to exceed \$35	No repair costs allowed for this measure
	Clothes Washer – ENERGY STAR in Common Areas	Dollar for-dollar, not-to-exceed \$800	No repair costs allowed for these measures
	Clothes Dryer – ENERGY STAR or BPA Tiers 1 – 3	Dollar for-dollar, not-to-exceed \$800	
	Unitary Heat Pump Water Heater - 40 gallon	Dollar-for-dollar, not to exceed \$2,800	Examples include: Replacement of plumbing connections at water heater, relocating to ensure adequate ventilation
	Unitary Heat Pump Water Heater – 50 gallon and above – Tiers 3 & 4	Dollar-for-dollar, not to exceed \$3,000	
	Residential Packaged Terminal Heat Pump	Dollar-for-dollar, not to exceed \$1,600	Examples include: Improve structural support for interior unit or repair to damaged siding at connection point
	Line Voltage Thermostat	Dollar-for-dollar, not to exceed \$85	No repair costs allowed for these measures
	Communicating Line Voltage Thermostat	Dollar-for-dollar, not to exceed \$400	
	Advanced Smart Thermostat (Direct-Installed)	Dollar-for-dollar, not to exceed \$400	
	Commercial Connected Thermostat (Multifamily Shared Common Areas Only)	Dollar-for-dollar, not to exceed \$400	No repair costs allowed for this measure
	Commercial Ductless Heat Pump Retrofit and Upgrade (Multifamily Shared Common Areas Only)	Dollar-for-dollar, not to exceed \$2,000/ton	Examples include: Improve structural support for interior head
	Commercial Air-Source Heat Pump Retrofit and Upgrade (Multifamily Shared Common Areas Only)	Dollar-for-dollar, not to exceed \$1,400/ton	Examples include: Repair to damaged siding at connection point

HOME TYPE	LOW-INCOME QUALIFYING MEASURE	INSTALLED MEASURE COST PAYMENT - DOLLAR-FOR-DOLLAR (EXCEPT AS NOTED)	REPAIR COST PAYMENT - DOLLAR-FOR-DOLLAR (EXAMPLES PROVIDED)
Manufactured	Attic Insulation (up to R-30)	Dollar-for-dollar	Examples include: Repair roof leak, rebuild external entrance covering
	Floor Insulation (up to R-22)	Dollar-for-dollar	
	Prime Window	Dollar-for-dollar, not to exceed \$45/sq. ft.	Examples include: Address dry rot in window framing, replace rotten threshold, and repair cracked header
	Patio Door	Dollar-for-dollar, not to exceed \$45/sq. ft.	
	Low-E Storm Window	Dollar-for-dollar, not to exceed \$10/sq. ft.	
	Exterior Insulated Door	Dollar-for-dollar, not to exceed \$700/door	
	Whole House Air Sealing	Dollar-for-dollar	Examples include: Install whole house ventilation fan
	Door Sweep	Dollar-for-dollar, not to exceed \$35	No repair costs allowed for this measure
	Clothes Washer – ENERGY STAR Front Load or Top Load	Dollar for-dollar, not-to-exceed \$800	No repair costs allowed for these measures
	Clothes Dryer – ENERGY STAR or BPA Tiers 1 – 3	Dollar for-dollar, not-to-exceed \$800	
	Unitary Heat Pump Water Heater - 40 gallon	Dollar-for-dollar, not to exceed \$2,800	Examples include: Replacement of plumbing connections at water heater or relocating to ensure adequate ventilation
	Unitary Heat Pump Water Heater – 50 gallon and above – Tiers 3 & 4	Dollar-for-dollar, not to exceed \$3,000	
	Ductless or Ducted Mini-Split Heat Pump(s) or Ductless Heat Pump Conversion	Dollar-for-dollar, not to exceed \$6,000/DHP	Examples include: Improve structural support for interior head or repair to damaged siding at connection point
	Ducted Heat Pump Conversion (Non-Variable Speed)	Dollar-for-dollar, not to exceed \$9,000	Examples include: repair to damaged siding at connection point, replacement of circuit breaker
	Ducted Variable-Speed Heat Pump Conversion or Upgrade	Dollar-for-dollar, not to exceed \$9,000	Examples include: repair to damaged siding at connection point, replacement of circuit breaker
	Prescriptive Duct Sealing	Dollar-for-dollar, not to exceed \$750	Examples include: Replace rusted ductwork and repair broken filter slot
	Communicating Line Voltage Thermostat	Dollar-for-dollar, not to exceed \$225	No repair costs allowed for these measures
	Advanced Smart Thermostat (Direct-Installed)	Dollar-for-dollar, not to exceed \$400	

Public Works & Utilities Monthly Report

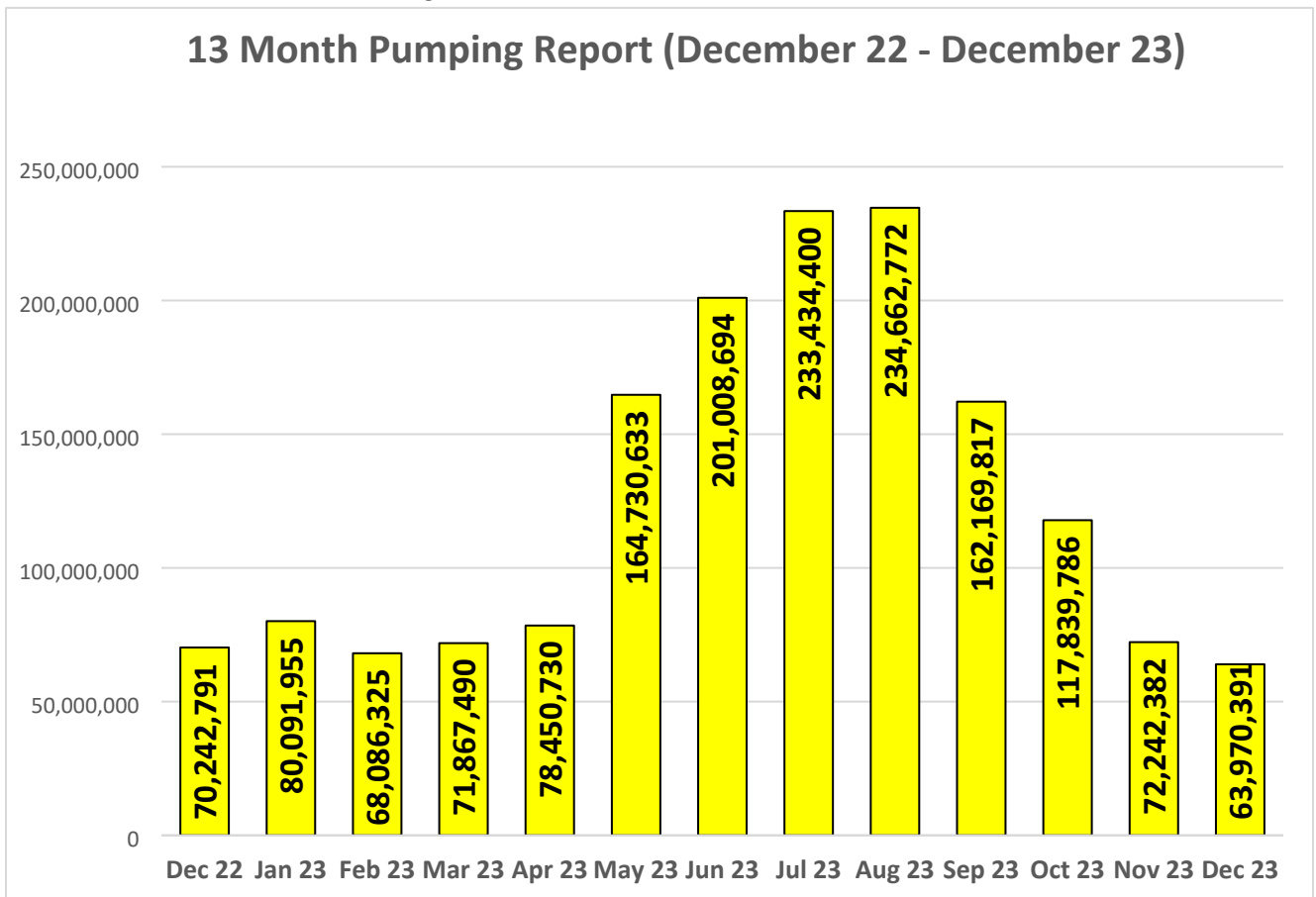
January 2024

Sewer:

- Staff and crew are reviewing trouble areas and video inspections to prioritize areas to include in the 2024 Cured-in-Place project.
- Work continues with consultants on major projects including the General Sewer Plan update and the Clarifier Rehabilitation Project.

Water:

- Crews responded to a leak on a six-inch hydrant main valve line on Industrial way. The gasket on the bonnet of the valve had deteriorated and needed to be replaced.
- A fourth draft of the Water System Plan Update was submitted by RH2 to the Department of Health for review.
- Illinois Well startup was completed, and the well was flushed and sampled. The samples came back clean. Crews are continuing to flush the well daily while we wait for source approval from the Department of Health for connection to the water system..
- Water pumped during December of 2023 was 63,970,391 gallons. The amount of water pumped in December of 2022 was 70,242,791 gallons.



Stormwater and Street Trees:

- Staff has successfully secured funding with the Department of Ecology to hire a consultant and begin the FCAAP project. Project is slated to start in February 2024. The project will re-map and model the city's storm system to potentially change flood mapping within the city limits.
- Gateway 1 is substantially complete. The contractor will be back in the spring to finish punch list items.
- Gateway 2 is in design and inching towards 60%.
- Staff drafted the Stormwater Pollution Prevention Plan for the city shop and is currently working on the Stormwater Management Plan.
- Staff has hired Plateau Consulting to help work through cultural issues regarding the levee project.
- Staff worked with county staff to extend the ILA agreement so funds can be accessed when the levee gets constructed.

Electric:

- Rotary Park Solar and Smart Grid Modernization Grant through Department of Energy received comments on the application in late November. This project is expected to be funded early 2024 for design.
- Uribe's Tree Service continues trimming trees around Light Division equipment and power lines. They started work on December 8th, and work is anticipated to go through Feb. 2024.
- City Light crews will be shorthanded through much of the month of January. They will focus on customer service and critical work such as services, street-light maintenance, traffic signal maintenance, outages, connect/disconnects and locates.
- Power Engineers has been issued their notice to proceed and has provided a list of required system data necessary for them to begin work on the Electrical System plan. Staff is assembling the requested data.
- Transformer Technologies hauled off 23 transformers for scrap and disposal.

Gas:

- Crews have started annual steel welding re-qualifications and will continue working on OQ hands-on and on-line training sessions.
- Staff is compiling data for various annual reports that are due in early 2024.
- Staff and is reviewing annual training requirements for staff and crew.
- Staff continues to review material inventory and projected needs in anticipation of supply chain issues. Timely material acquisition continues to be an issue.
- Granite Service Line and System Loop project is still under design review and permitting.

To: City of Ellensburg -Special Announcements and Recognitions:

- We would like to express our sincere appreciation for Brad Coffey stepping up and volunteering to assist in the warehouse while they were without regular warehouse staffing during November and December of 2023. Brad quickly learned new processes and provided critical inventory orders for all departments. Not only did Brad volunteer to assist the warehouse during this time, but he also sacrificed his Gas Journeyman apprenticeship hours for two months while assisting. Ultimately, this will delay Brad's completion of his apprenticeship which has wage steps tied to it. This was a selfless act on Brad's part, and we would like to recognize and thank him for his dedication and commitment to the city. Thank you, Brad!