

**CITY OF ELLENSBURG
AGENDA
Council Conference
Thursday, January 20, 2022
3:30 PM - Utility Advisory Committee**

1. CALL TO ORDER

2. ROLL CALL

3. ELECT CHAIRPERSON AND VICE CHAIRPERSON

4. APPROVAL OF MINUTES

- 4.A Approve minutes - December 16th, 2021 regular meeting minutes
[UAC Minutes 12-16-21.docx](#)

5. APPROVAL OF CONSENT AGENDA Consent items have been distributed to committee members in advance for study and will be enacted by one motion. If separate discussion is desired on an item, that item may be removed from the Consent Agenda and placed on the Regular Agenda at the request of a committee member or at the request of a member of the public with concurrence of a committee member.

6. CORRESPONDENCE AND CITIZEN COMMENTS ON NON-AGENDA ITEMS Time is set aside each meeting to allow citizens to address the Utility Advisory Committee on city utility issues that are not on the agenda. Please limit remarks to three minutes. The Committee will not take action when the issue is first raised, but may place the issue on a future agenda. Citizen comment on items on the agenda is also welcome. Please let the chair know you wish to speak and then wait to be recognized.

7. TELECOMMUNICATIONS UTILITY DISCUSSION ITEMS

- 7.A Telecommunications Issues and Updates
[UAC January 2022 - Telecom Issues & Updates.docx](#)

8. ELECTRIC, NATURAL GAS, WATER, WASTEWATER, STORMWATER UTILITY DISCUSSION ITEMS

- 8.A Climate Commitment Act Presentation from Department of Ecology
- 8.B [Ellensburg South Substation Siting Study Agreement for Professional Services
Ellensburg_Exhibit A Scope of Work_Rev_0.1.pdf](#)
- 8.C [Natural Gas Rate Stabilization Fund
NG Rate Stabilization - Presentation - V2.pdf](#)

9. INFORMATIONAL ITEMS

- 9.A Public Works & Utilities Issues and Updates

10. NEXT MEETING

10.A February 17th, 2022 at 3:30 pm

11. ADJOURNMENT



CITY OF ELLENSBURG

Utility Advisory Committee

Date of Meeting

December 16, 2021

Time of Meeting

3:30 PM

Place of Meeting

Council Conference & remotely via Zoom

Nancy Lillquist, Chairperson, term expires May 31, 2022

Ed Barry, Vice Chairperson, term expires May 31, 2023

Nancy Goodloe, City Council, term expires May 31, 2024

Gary Gleason, CWU, term expires May 31, 2022

Bryan Clark, KITTCOM, term expires May 31, 2023

Jim Goeben, Telecommunications Utility customer, term expires May 31, 2023

Nate Sitton, City Utility Customer, term expires May 31, 2023

1. CALL TO ORDER

Chair Lillquist called the meeting to order at 3:30 pm.

2. ROLL CALL

Members present: Nancy Lillquist, Chair; Nancy Goodloe, City Council; Nate Sitton, City Utility Customer; Bryan Clark, KITTCOM. Gary Gleason, CWU; Jim Goeben, Telecom. Ed Barry previously requested an excused absence. Goodloe moved to approve the excused absence. Sitton seconded. All in favor; **motion approved.**

Also present: Ryan Lyyski, Public Works & Utilities Director; Darren Larsen, Assistant Utilities Director; Darin Yusi, Gas Engineer; Kim Bowie, Operations Analyst; Buddy Stanavich, Power & Gas Manager; Heidi Behrends Cerniwey, City Manager; Paul Meyer, Electrical Engineer; Ben Faubion, IT & Telecom Manager; Jerica Pascoe, Finance Director; Lynne Perrie, Utility Supervisor; Terry Weiner, City Attorney; Josh Mattson, City Engineer; Bradley Campbell, Light Engineer; approximately 1 other virtual attendees.

3. APPROVAL OF MINUTES

3.A. Approve minutes - November 18th, 2021 regular meeting minutes

Goodloe moved to approve the minutes. Gleason seconded. All in favor; **motion approved.**

4. APPROVAL OF CONSENT AGENDA

Consent items have been distributed to committee members in advance for study and will be enacted by one motion. If separate discussion is desired on an item, that item may be removed from the Consent Agenda and placed on the Regular Agenda at the request of a committee member or at the request of a member of the public with concurrence of a committee member.

4.A. Bid Call 2021-13 Illinois Well Facility

4.B. Amendment #2 Memorandum Of Understanding (MOU) between City of Ellensburg, Bureau of Reclamation and Twin City Foods

4.C. Interlocal Cooperation Agreement with NoaNet

Goodloe moved to approve the consent agenda. Gleason seconded. All in favor; **motion approved.**

5. CORRESPONDENCE AND CITIZEN COMMENTS ON NON-AGENDA ITEMS

No Correspondence.

6. TELECOMMUNICATIONS UTILITY DISCUSSION ITEMS

6.A. Telecommunications Issues and Updates

Ben Faubion gave an update for the Telecom Utility.

7. ELECTRIC, NATURAL GAS, WATER, WASTEWATER, STORMWATER UTILITY DISCUSSION ITEMS

7.A. Past Due Utility Accounts

The Finance Director gave an update on past due utility accounts and the next steps being discussed to recover unpaid funds since March 2020.

7.B. Natural Gas Rate Stabilization

The Committee discussed ways to utilize funds obtained from the sale of natural gas in February 2021. One suggestion was to apply a credit once rates exceed a certain threshold. Staff will research and return with more information for the Committee.

8. INFORMATIONAL ITEMS

8.A. Dolarway Substation Improvements Information Update

Paul Meyer gave an update on the upcoming Dolarway substation project projected to be completed by 2024.

8.B. PHMSA Grant Program

Darin Yusi spoke about a potential grant program through H.R. 3684 "Infrastructure Investment and Jobs Act" signed by President Biden November 2021. Staff will continue to look into the criteria to determine if our system would be eligible for the grant program.

8.C. Public Works & Utilities Issues and Updates

Staff gave updates for sewer, water, stormwater, gas & light departments. Darren Larsen notified the members of the commission term limits being discussed at council December 20th. Nancy Lillquist praised the heat pump water heater rebate program.

9. NEXT MEETING

9.A. January 18th, 2022 at 3:30 pm

10. ADJOURNMENT

With no further discussion, the meeting adjourned at 4:49 pm.

Kim Bowie
Recording Secretary

Drafted: 12/16/2021

Approved:

Ellensburg Utility Advisory Committee
Telecommunication Issues and Updates
January 20, 2022

- The City Telecom Utility Broadband Feasibility Study is ongoing and expected to be completed February 2022.
- NoaNet will be working on the Data, Maps, and Financials through December. A lot of work has been done by NoaNet with support from City staff and the drafts are expected to be ready Mid to late January 2022.
- City Telecom Utility and NoaNet are continuing to work with Kittitas County and PUD to collaborate and work together on our Broadband Feasibility studies.
- NoaNet Interlocal Agreement was approved by Council on December 20th.



AGENDA REPORT

Meeting Date:	January 20, 2022
Agenda Subject:	Ellensburg South Substation Siting Study Agreement for Professional Services
Submitted by:	Paul Meyer Public Works & Utilities
Recommended Action or Motion:	Staff recommends UAC forward favorable recommendation to City Council authorizing City Manager to execute agreement with Electrical Consultants, Inc.
Background/Summary:	With the extension of utilities down Bull Rd. and the potential for retail and commercial development near the south interchange, system loading is expected to increase in that area. It is recommended that land for a future substation be purchased soon, prior to development, scarcity of land and increased real-estate costs. This project will hire a consultant to review our existing distribution system, system loading and projected growth to determine a suitable location for a future substation located near the south end of town. Land purchase will part of a future South Substation Land Purchase Project.
Previous Council Action:	None
Analysis:	Staff issued a request for qualifications to select consultants from the consultant roster list. The City received one submittal from Electrical Consultants Inc. (ECI) staff reviewed their submittal and found them to be qualified for this scope of work. ECI has experience in the performing of siting and routing studies for substations and transmission/distribution lines. They were also the team that completed the City Light Department's 2017 Twenty Year Long Range Plan, which included preliminary analysis for a future substation. This project will expand on that preliminary analysis and provide a detailed study for the selection of a site for a future substation.
Financial Impact:	The 2021-2022 Light fund contained funds for consultant services. The consultant has provided a preliminary not to

exceed cost of \$50,468 for the scope of work identified in the attached agreement. Adequate funds exist within the Light fund to cover this and any additional costs.

Staff is continuing to work with the consultant to finalize the scope of work, costs and consultant agreement. All contracting should be completed and ready for execution at the next City Council meeting on February 7th.

Attachments:

[Ellensburg_Exhibit A Scope of Work_Rev_0.1.pdf](#)

EXHIBIT A - SCOPE OF WORK

SECTION 1. PROJECT DESCRIPTION

The City of Ellensburg is located approximately 100 miles east of Seattle on Interstate 90, in the middle of Washington and has its own electrical distribution system (electric utility). The electric utility purchases most of its power from Bonneville Power Administration (BPA). The City is projecting regional growth in the southern portion of the City and a new substation will be necessary for future growth as part of the Comprehensive Plan. The new substation (Project) will be located at the southern end of the City and will connect to the City's existing electric infrastructure.

ECI would complete the siting analysis with the publication of a Final Siting Study deliverable to include the following chapters:

1. Introduction and Executive Summary,
2. Methods,
3. Resource Inventory and Analysis,
4. Evaluation of Alternatives Locations,
5. Preferred Project Location,
6. Preparers, and
7. References.

The final siting study will contain a report of preferred locations complete with a site plan and a 3D modeling simulation for two Alternatives.

SECTION 2. SCOPE OF WORK

Electrical Consultants, Inc (ECI) will complete the scope of work identified in the Project Request for Qualifications. ECI will follow the statutory requirements and the City of Ellensburg standards identified below. If deviations from the City of Ellensburg standards are required, then an operational and economic impact study would be required as an additional scope item.

Statutory Requirements:

- National Electrical Safety Code compliant
- Conditional Use Permit
- Property purchase price and gifting laws
- Historical and cultural significance
- Shoreline
- Flood zones
- Wetlands
- Critical areas (i.e. wildlife corridors)

The City of Ellensburg Standards:

- Up to (33) MVA substation transformer
- 115kV transmission voltage
- 12.47kV distribution voltage
- General 1 acre parcel
- Overhead transmission
- America National Standards Institute
- Institute of Electrical and Electronics Engineers
- Awareness of most current technology (National standard)

The following variables will be accounted for when choosing the preferred site location and will be a balance between costs, aesthetics, reliability and operations.

System Considerations:

- Proximity to existing transmission lines
- Proximity to service area
- Positioned to alleviate electrical load on existing substations serving the area

Environmental:

- Groundwater and wildlife areas
- Easements and permitting
- Security of location
- Threats from natural disasters
- Disturbance of land

Land Considerations:

- Land availability
- Parcel size
- Land purchase price
- Site access
- Land slopes
- Land contours

Aesthetics and Neighborhood Values:

- General aesthetics and view
- Underground and overhead distribution lines
- General health concerns
- General property value concerns
- Proximity to existing density
- Outreach to impact customers/property owners.

As defined in the Request for Qualifications, the following site specific items will be completed for or provided to the City of Ellensburg.

- Site Plan & 3D Modeling Simulation, equipment layout and survey requirements.
- Soil samples, earthwork design and seismic testing requirements of site.
- Perimeter fencing, signage and lighting requirements (New/Existing)
- Site grading, fill, crushed rock surfacing, new access road/entrance, topsoil and landscaping.
- Conduit run and vault requirements.
- Control and power cable design to/from and between each piece of equipment.
- Access road to the site for smooth movement of construction machines, equipment and transformers. Good roadways to the construction site and shorter distance to rail head if possible.
- The site will be chosen to avoid soil filling, earth removal etc. if possible, to minimize time and cost of the substation.
- Historical flood data will be taken into account to avoid water logging of the substation in case of possibility of flood. Flood plains and wetlands will be avoided if possible.
- Proximity will be accounted for to minimize interference with communication signals. Any authorities that may require permission will be identified.
- The substation will be located far from the crowded places, outside city areas if possible.
- Public involvement support can be provided in the form or attendance of city council meetings if approved by the City of Ellensburg.

The following miscellaneous items will also be completed by ECI for the City of Ellensburg.

- All anticipated permits pertaining to the project that the City of Ellensburg or ECI may need will be identified, including but not limited to Federal, State, Local and Environmental permits.
- ECI will provide detailed research results, in both electronic copy and three ring binder form, for each preferred site researched.
- ECI will maintain an FTP site the duration of the project to exchange documents with the City.
- ECI will be responsible for updating all as-buils and site drawings to be provided as research is completed. These drawings will be organized into a final drafting package and provided to the City in both PDF and AutoCAD (version 2020 in dwg format or newer).
- All documents provided by the consultant shall be for the City's unrestricted use.
- Project deliverables will be submitted to the City of Ellensburg for review prior to finalization.

SECTION 3. DELIVERABLES

The Project includes multiple major work tasks including study area identification, data collection, sensitivity analysis, location identification and alternative analysis and preferred project determination. The deliverables from each major work task are identified below.

Study Area Identification

A Study Area map will be submitted as a deliverable for this work task. The deliverables will include draft Project base maps showing existing facilities, topography, water features, published resource inventories, land jurisdiction and other readily available GIS based resource-mapping information within the Study Area. Based on a preliminary Project review during the proposal phase, ECI identified a draft study area where the substation is anticipated to be situated in. This draft study area map will be revised as necessary.

Data Collection

A Field Review Report with a Study Area summary, any identified resources of concern and any maps used or photos taken onsite will be submitted to the City of Ellensburg as a deliverable for this work task. Additional Study Area maps that include resource sensitive areas for natural, biological, cultural, land use and visual resources will also be provided.

Sensitivity

A Resource Sensitivity and Constraint Analysis Table will be completed.

Location Identification and Analysis

The following deliverables will be produced in the location identification stage of the Project:

- Description of each location,
- Preliminary location maps overlain onto sensitivity maps,
- Final location maps, and
- Documentation of alternative locations considered but dismissed.

Preferred Project Determination

The following deliverables will be completed for the Preferred Project Determination:

- Overall constraint table and corresponding maps,
- Recommended Preferred Project with a site plan and 3D modeling simulation,
- Elevation models of the GA provided in the 2017 LRP,
- Draft Siting Study Report, and
- Final Siting Study Report.

Permits and Approvals

A permit table with statutory references, permit tasks and timelines that apply to the Project.



AGENDA REPORT

Meeting Date: January 20, 2022

Agenda Subject: Natural Gas Rate Stabilization Fund

Submitted by: Buddy Stanavich Public Works & Utilities

Recommended Action or Motion: Staff recommends utilizing the rate stabilization reserve fund in the event market prices drive the Purchased Gas Cost Adjustments (PGCA) over an \$8.00/MCF price ceiling in the monthly gas rate calculation.

Background/Summary: During the extreme cold event in the middle of February 2021 that occurred through the Midwest south through Texas, the city was able to sell off fixed natural gas contracts and storage reserves in the Rocky Mountain basin and back fill with lower cost gas from the North. This amounted in a credit to the gas utility of \$2,283,981, \$2,533,590 in net proceeds less \$249,609 in combined City and State utility taxes.

The Utility Advisory Committee considered three options for proceeds to be returned to gas utility customers.

1. Provide direct refund payments/credits to gas utility customers.
2. Place the funding in Gas Division reserves to reduce future upward rate pressure by financing capital/maintenance projects and return the remaining to gas utility customers.
3. Establish a rate stabilization account to be used to minimize future rate impacts from a future extreme weather event or other increases in costs to our customers.

Option three (3) was selected:

*“Barry moved the committee make a favorable recommendation to City Council for proceeds to be returned to gas utility customers by dedicating half of the proceeds into stabilizing rates to prevent potential rate increases and half into a reserve to finance future capital Gas projects. Gleason seconded. All in favor; **motion approved.**”*

It was requested of staff at the December UAC meeting to create a price ceiling mechanism so that in the event gas prices rose above a certain threshold it would trigger the use of the rate stabilization funds.

Previous Council Action: None

Analysis: See attached

Financial Impact: Not greater than \$1,141,991, the amount in the rate stabilization reserve fund.

Attachments:

[NG Rate Stabilization - Presentation - V2.pdf](#)

Natural Gas Rate Stabilization

JANUARY 20, 2022

UTILITY ADVISORY COMMITTEE



Natural Gas Rate Stabilization Fund



\$1,141,991



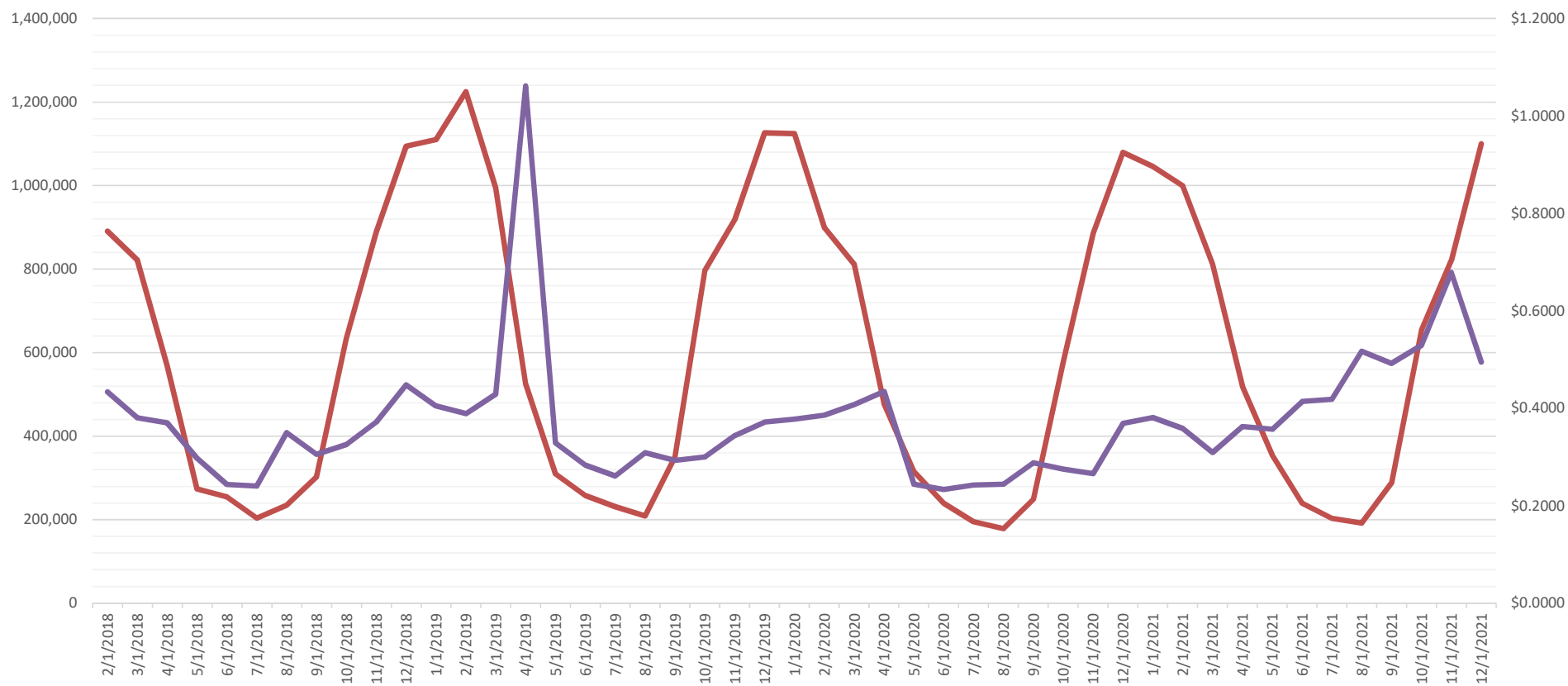
\$1,141,991



\$2,283,981

\$\$/Ccf vs. Volume Purchased

Ccf \$\$/Ccf



[Williams Tariff then go to Sheet 14 Fuels](#)

March Dth Volumes - Nominations - Deliveries - Buy/Sell

1.61%

Current Fuel Rate

Date	NW Pipeline Deliveries in Dth					Gas Purchase Products Incl Fuels				Product Pricing and Daily Costs					
	Scheduled	Measurement	Difference	Imbalance	Total Balance	Fixed Contract Qty	Sumas Gas Daily Qty	JP Same Day Qty	Opal Gas Daily Qty	Sumas Gas Daily Purchase \$\$	Wyoming Pool Purchase \$\$	Opal Purchase \$\$	Sumas Gas Daily Price	JP Same Day Price	Opal Gas Daily Price
				Balance Forward											
1-Mar	3816	4977	23%	-1161	(3,318)	2500	715		24	\$18,014.43	\$0.00	\$95.40	\$25.195	\$3.755	\$3.975
2-Mar	4134	4653	11%	-519	(4,998)	2500	876		25	\$141,329.46	\$0.00	\$168.00	\$161.335	\$5.275	\$6.720
3-Mar	4110	5257	22%	-1147	(6,145)	2500	864		24	\$139,393.44	\$0.00	\$161.28	\$161.335	\$5.275	\$6.720
4-Mar	5110	5212	2%	-102	(6,247)	2500	864	1016	25	\$139,393.44	\$16,256.00	\$168.00	\$161.335	\$16.000	\$6.720
5-Mar	4090	4613	11%	-523	(6,770)	2500	854		24	\$13,352.29	\$0.00	\$119.16	\$15.635	\$4.645	\$4.965
6-Mar	4262	4335	2%	-73	(6,843)	2500	941		25	\$5,297.83	\$0.00	\$83.13	\$5.630	\$3.240	\$3.325
7-Mar	3074	4171	26%	-1097	(7,940)	2500	600		24	\$3,735.00	\$0.00	\$85.92	\$6.225	\$3.395	\$3.580
8-Mar	3488	4784	27%	-1296	(9,236)	2500	548		24	\$3,770.24	\$0.00	\$85.20	\$6.880	\$3.495	\$3.550
9-Mar	3444	4757	28%	-1313	(10,549)	2500	525		25	\$5,252.63	\$0.00	\$85.88	\$10.005	\$3.460	\$3.435
10-Mar	3444	4978	31%	-1534	(12,083)	2500	525		25	\$5,252.63	\$0.00	\$85.88	\$10.005	\$3.460	\$3.435
11-Mar	3444	4545	24%	-1101	(13,184)	2500	525		25	\$5,252.63	\$0.00	\$85.88	\$10.005	\$3.460	\$3.435
12-Mar	3216	3717	13%	-501	(13,685)	2500	410		25	\$1,500.60	\$0.00	\$89.88	\$3.660	\$3.495	\$3.595
13-Mar	3416	3309	-3%	107	(13,578)	2500	511		25	\$1,775.73	\$0.00	\$86.13	\$3.475	\$3.425	\$3.445
14-Mar	4779	3538	-35%	1241	(12,337)	2500	402		24	\$1,716.54	\$0.00	\$80.64	\$4.270	\$3.290	\$3.360
15-Mar	4779	3159	-51%	1620	(10,717)	2500	402		24	\$1,415.04	\$0.00	\$82.92	\$3.520	\$3.415	\$3.455
16-Mar	4787	3073	-56%	1714	(9,003)	2500	410		24	\$1,254.60	\$0.00	\$63.48	\$3.060	\$2.825	\$2.645
17-Mar	4787	2897	-65%	1890	(7,113)	2500	410		24	\$1,254.60	\$0.00	\$63.48	\$3.060	\$2.825	\$2.645
18-Mar	4787	2873	-67%	1914	(5,199)	2500	410		24	\$1,254.60	\$0.00	\$63.48	\$3.060	\$2.825	\$2.645
19-Mar	4815	2672	-80%	2143	(3,056)	2500	438		25	\$1,259.25	\$0.00	\$70.88	\$2.875	\$2.800	\$2.835
20-Mar	3453	2360	-46%	1093	(1,963)	2500	9			\$24.89	\$0.00	\$0.00	\$2.765	\$2.755	\$2.780
21-Mar	3454	2102	-64%	1352	(611)	2500	10		1	\$27.00	\$0.00	\$2.67	\$2.700	\$2.630	\$2.665
22-Mar	2535	1778	-43%	757	146	2500	76			\$194.56	\$0.00	\$0.00	\$2.560	\$2.470	\$2.505
23-Mar	2460	1770	-39%	690	836	2500				\$0.00	\$0.00	\$0.00	\$2.470	\$2.370	\$2.450
24-Mar	2460	2416	-2%	44	880	2500				\$0.00	\$0.00	\$0.00	\$2.470	\$2.370	\$2.450
25-Mar	2460	2462	0%	-2	878	2500				\$0.00	\$0.00	\$0.00	\$2.470	\$2.370	\$2.450
26-Mar	2460	2279	-8%	181	1,059	2500				\$0.00	\$0.00	\$0.00	\$2.725	\$2.480	\$2.630
27-Mar	2460	2578	5%	-118	941	2500				\$0.00	\$0.00	\$0.00	\$2.580	\$2.490	\$2.575
28-Mar	2460	2185	-13%	275	1,216	2500				\$0.00	\$0.00	\$0.00	\$2.430	\$2.405	\$2.435
29-Mar	2460	2191	-12%	269	1,485	2500				\$0.00	\$0.00	\$0.00	\$2.330	\$2.285	\$2.335
30-Mar	2460	1994	-23%	466	1,951	2500				\$0.00	\$0.00	\$0.00	\$2.330	\$2.285	\$2.335
31-Mar	2460	1865	-32%	595	2,546	2500				\$0.00	\$0.00	\$0.00	\$2.330	\$2.285	\$2.335
Totals:	109,364	103,500		5,864	2,546	77,500	11,325	1,016	466	\$491,721.40	\$16,256.00	\$1,827.25	\$20.346	\$3.534	\$3.369

APRIL 2019 NATURAL GAS RATES

per **ORDINANCE 4817** (Eff 4/1/2019)

(reflecting March Purchases)

CURRENT TAX RATES:

CITY TAX	0.06000
STATE TAX	0.03852
Total	0.09852

	MARCH SUPPLY	MCF QUANTITY	Dth QUANTITY	AMOUNT	Price/MCF	Price/Dth
75%	Fixed Contract Qty:	74,448	77,500	\$240,715.00	\$3.233	\$3.106
11%	Sumas Gas Daily Qty:	10,879	11,325	\$527,063.50	\$48.448	\$46.540
1%	JP Same Day Price	976	1,016	\$16,256.00	\$16.656	\$16.000
0%	Opal Gas Daily Qty	448	466	\$1,853.10	\$4.140	\$3.977
	Sumas Fixed Contract	0	0	\$166,125.89	#DIV/0!	#DIV/0!
0%	LNG Storage Withdrawal Qty:	0	0	\$0.00	#DIV/0!	#DIV/0!
20%	CLAY Storage Withdrawal Qty:	20,021	20,842	\$49,501.99	\$2.472	\$2.375
-6%	Pipeline Pack Change:	(5,633)	(5,864)	-\$35,004.62	\$6.214	\$5.969
	NWPL TF-I Transport:	104,609	108,898	\$75,746.18	\$0.724	\$0.696
	Less Transport Fuels:	1,715	1,785	Costs Included Above		
	Feb Share Storage & LNG			\$9,564.02		
	AMA Management Fee			\$3,334.47		
	Thru Gate Total	99,424	103,500	\$1,055,155.52	\$10.613	\$10.195
	Rate Stabilization Credit:			\$0.00		
	Total Purchase Cost:	99,424	103,500	\$1,055,155.52	\$10.613	\$10.195

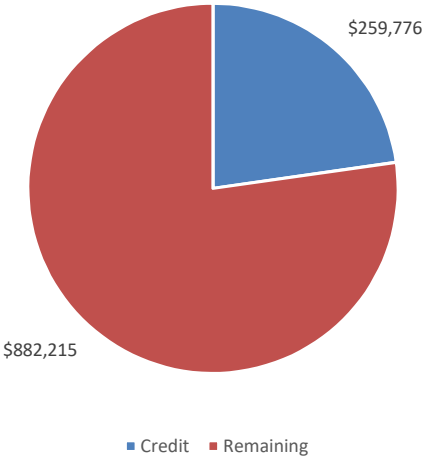
APRIL GAS RATES :

RATE CLASS	RATE DESCRIPTION	Base CCF Cost incl Taxes	Purchased Gas Cost Adjustment incl Taxes	Total CCF CHARGE	DAILY CUSTOMER CHARGE
G100	Residential	\$0.5196	\$1.1658	\$1.685	\$0.5769
G130	Low Income / Low Income Disabled	\$0.4676	\$1.1658	\$1.633	\$0.0000
G200	Commercial (275 cu. Ft. and less)	\$0.3113	\$1.1658	\$1.477	\$0.5769
G205	Commercial (415/425 cu. ft.)	\$0.3113	\$1.1658	\$1.477	\$0.6914
G207	Commercial (750/800 cu. ft.)	\$0.3113	\$1.1658	\$1.477	\$1.3820
G210	Commercial (1000 cu. ft. and higher)	\$0.3113	\$1.1658	\$1.477	\$2.7658
G400	Municipal (275 cu. ft. and less)	\$0.2701	\$1.1658	\$1.436	\$0.5769
G405	Municipal (415/425 cu. ft.)	\$0.2701	\$1.1658	\$1.436	\$0.9394
G407	Municipal (750/800 cu. ft.)	\$0.2701	\$1.1658	\$1.436	\$1.8774
G410	Municipal (1000 cu. ft. and higher)	\$0.2701	\$1.1658	\$1.436	\$3.7562
G700	NonProfit Agency Serving the Disadvantaged	\$0.2802	\$1.1658	\$1.446	\$0.0000
R100	Business Hours Reconnect Fee				\$56.40

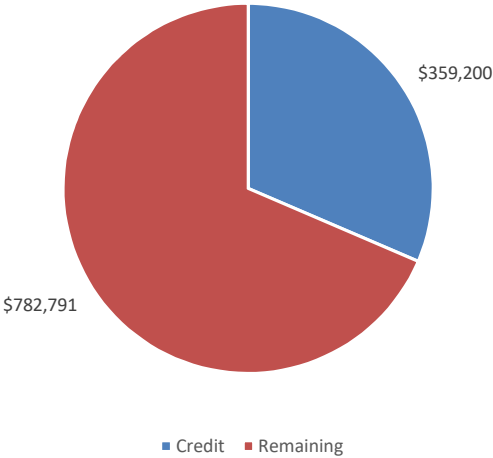
Created by Julie Coppock Reviewed by Buddy Stanavich

	\$8/MCF Ceiling		\$7/MCF Ceiling		\$6/MCF Ceiling
Reserve	\$1,141,991		\$1,141,991		\$1,141,991
Credit	\$259,776		\$359,200		\$510,216
Remaining	\$882,215		\$782,791		\$631,775
Mo. Credits Applied	1		1		2

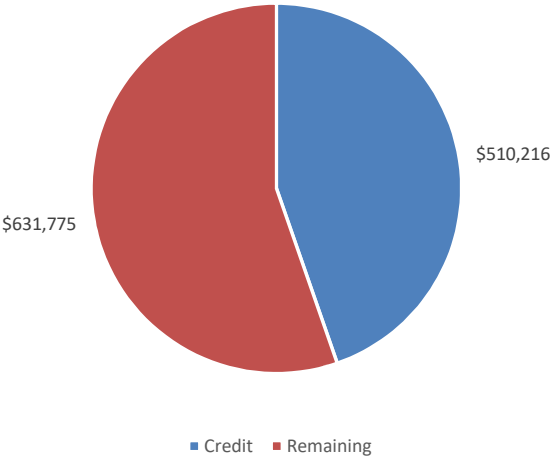
\$8/MCF Ceiling



\$7/MCF Ceiling

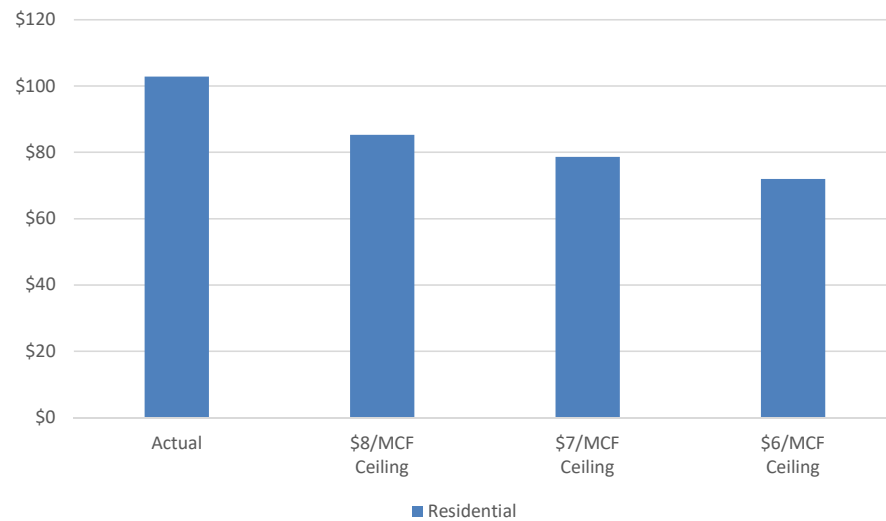


\$6/MCF Ceiling

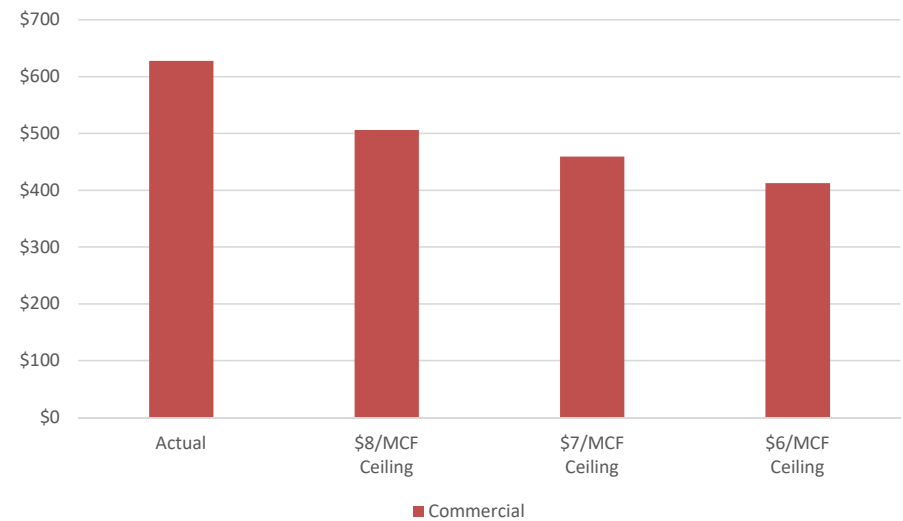


	Actual	\$8/MCF Ceiling	% Change	\$7/MCF Ceiling	% Change	\$6/MCF Ceiling	% Change
Residential	\$103	\$85	-17%	\$79	-24%	\$72	-30%
Commercial	\$628	\$506	-19%	\$459	-27%	\$412	-34%

April 2019 Avg. Residential Bill



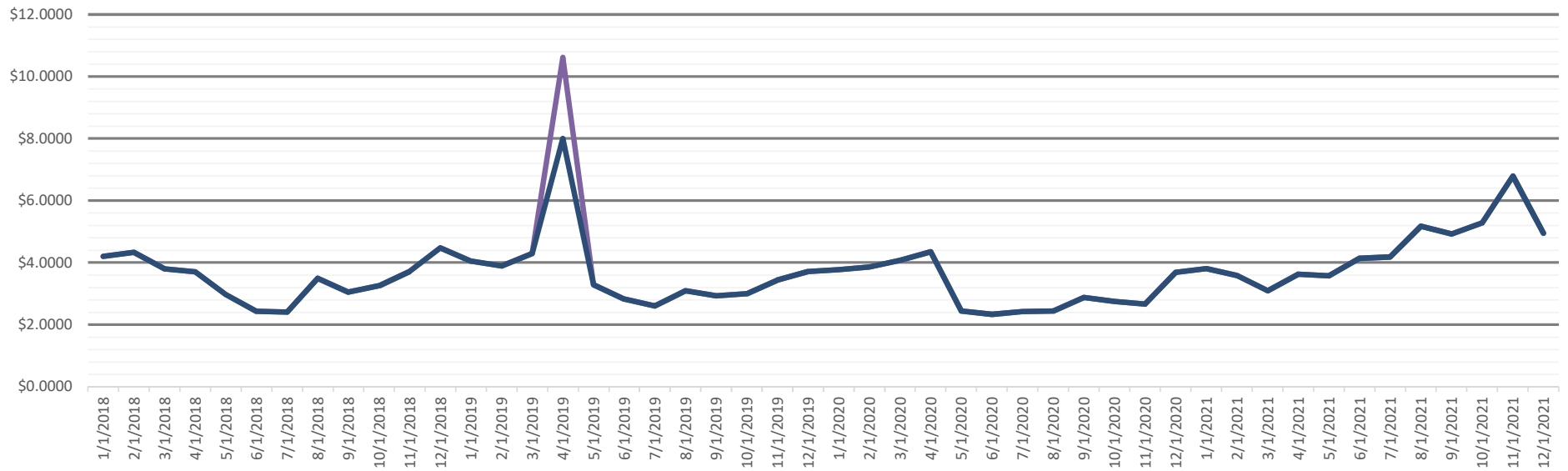
April 2019 Avg. Commercial Bill



Staff Recommendation

Purchased Gas Cost

— \$\$/MCF — \$8/MCF
Ceiling



APRIL 2019 NATURAL GAS RATES

per ORDINANCE 4817 (Eff 4/1/2019)

(reflecting March Purchases)

CURRENT TAX RATES:

CITY TAX	0.06000
STATE TAX	0.03852
Total	0.09852

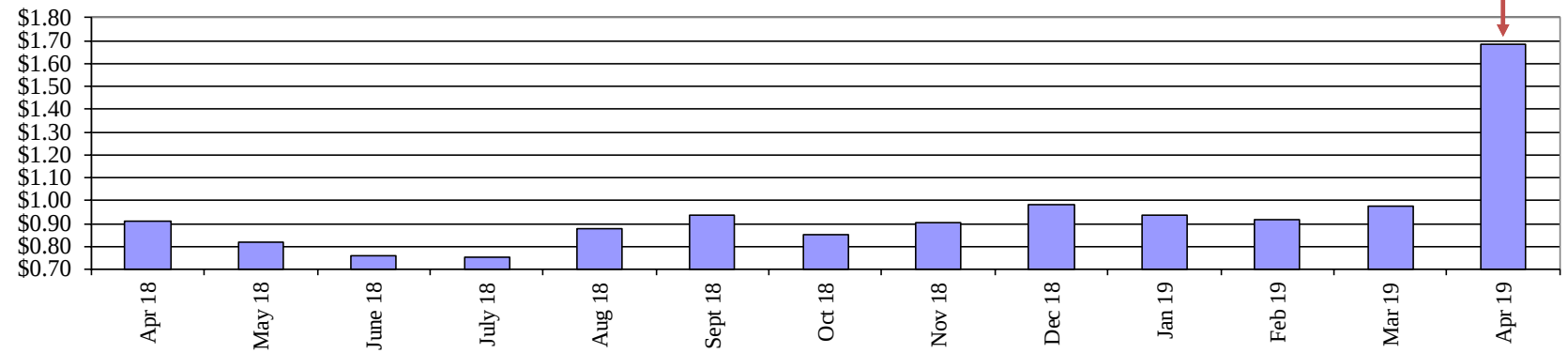
	MARCH SUPPLY	MCF QUANTITY	Dth QUANTITY	AMOUNT	Price/MCF	Price/Dth
75%	Fixed Contract Qty:	74,448	77,500	\$240,715.00	\$3.233	\$3.106
11%	Sumas Gas Daily Qty:	10,879	11,325	\$527,063.50	\$48.448	\$46.540
1%	JP Same Day Price	976	1,016	\$16,256.00	\$16.656	\$16.000
0%	Opal Gas Daily Qty	448	466	\$1,853.10	\$4.140	\$3.977
	Sumas Fixed Contract	0	0	\$166,125.89	#DIV/0!	#DIV/0!
0%	LNG Storage Withdrawal Qty:	0	0	\$0.00	#DIV/0!	#DIV/0!
20%	CLAY Storage Withdrawal Qty:	20,021	20,842	\$49,501.99	\$2.472	\$2.375
-6%	Pipeline Pack Change:	(5,633)	(5,864)	-\$35,004.62	\$6.214	\$5.969
	NWPL TF-I Transport:	104,609	108,898	\$75,746.18	\$0.724	\$0.696
	Less Transport Fuels:	1,715	1,785	Costs Included Above		
	Feb Share Storage & LNG			\$9,564.02		
	AMA Management Fee			\$3,334.47		
	Thru Gate Total	99,424	103,500	\$1,055,155.52	\$10.613	\$10.195
	Rate Stabilization Credit:			(\$259,776.00)		
	Total Purchase Cost:	99,424	103,500	\$795,379.52	\$8.000	\$7.685

APRIL GAS RATES :

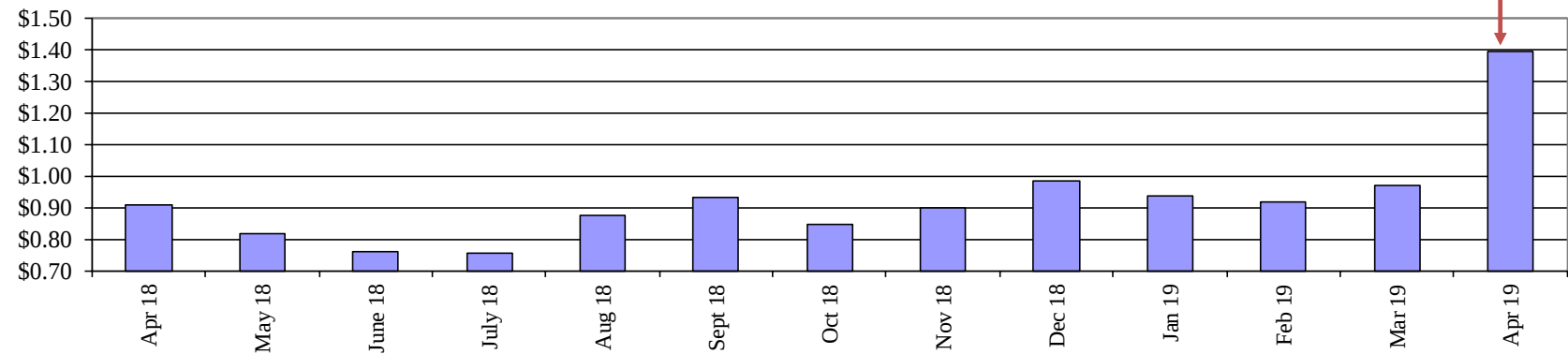
RATE CLASS	RATE DESCRIPTION	Base CCF Cost incl Taxes	Purchased Gas Cost Adjustment incl Taxes	Total CCF CHARGE	DAILY CUSTOMER CHARGE
G100	Residential	\$0.5196	\$0.8788	\$1.398	\$0.5769
G130	Low Income / Low Income Disabled	\$0.4676	\$0.8788	\$1.346	\$0.0000
G200	Commercial (275 cu. Ft. and less)	\$0.3113	\$0.8788	\$1.190	\$0.5769
G205	Commercial (415/425 cu. ft.)	\$0.3113	\$0.8788	\$1.190	\$0.6914
G207	Commercial (750/800 cu. ft.)	\$0.3113	\$0.8788	\$1.190	\$1.3820
G210	Commercial (1000 cu. ft. and higher)	\$0.3113	\$0.8788	\$1.190	\$2.7658
G400	Municipal (275 cu. ft. and less)	\$0.2701	\$0.8788	\$1.149	\$0.5769
G405	Municipal (415/425 cu. ft.)	\$0.2701	\$0.8788	\$1.149	\$0.9394
G407	Municipal (750/800 cu. ft.)	\$0.2701	\$0.8788	\$1.149	\$1.8774
G410	Municipal (1000 cu. ft. and higher)	\$0.2701	\$0.8788	\$1.149	\$3.7562
G700	NonProfit Agency Serving the Disadvantaged	\$0.2802	\$0.8788	\$1.159	\$0.0000
R100	Business Hours Reconnect Fee				\$56.40

Created by Julie Coppock Reviewed by Buddy Stanavich

Residential Rate History



Residential Rate History



61 - Ccf Residential Consumption

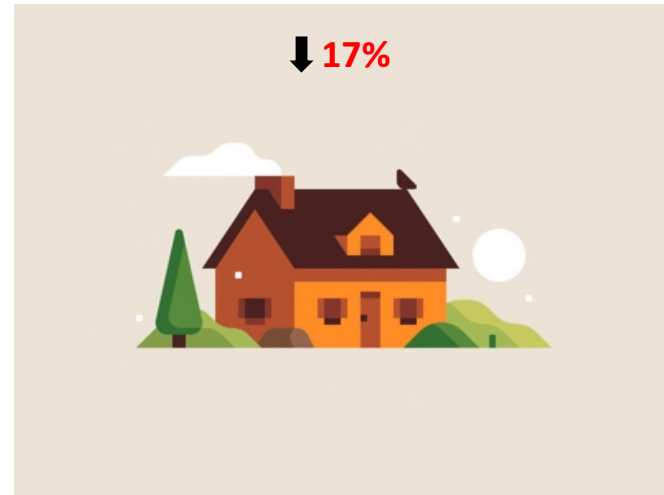
April 2019 Gas Rates

\$103/Mo.



(\$259,776) Credit to April 2019 Gas Rates

\$85/Mo.



\$8/MCF PGCA Ceiling

425 - Ccf Commercial Consumption

April 2019 Gas Rates

\$628/Mo.



(\$259,776) Credit to April 2019 Gas Rates

\$506/Mo.



\$8/MCF PGCA Ceiling

Questions?

Ellensburg Utility Advisory Committee
Public Works & Utilities Issues and Updates
January 20, 2021

Consent Items

Agenda Reports for items approved by the City Council since our last meeting are attached.

All Utilities

- The Bull Road Utilities Project continues to progress nicely. All utilities have been installed in the Bull Road and Berry Road sections with the road fully restored. The contractor is nearing completion of the last stretch of utilities between I-90 and Berry Road. This work was scheduled last, after the Bull Ditch Irrigation Canal was off. Final utility tie in, completions of the utility looping will be completed this month. The contractor will complete the project this coming spring, once asphalt is available to pave the easement area south of I-90.
- COSA Update - Staff is responding to a preliminary data request to allow FCS Group to begin updating the information required for the Comprehensive Multi-Utility Rate Study Update.

Sewer

- Collection crews continue to work on the fall jet list, inspections, and system maintenance, as well as assisting with snow plowing and removal.
- The wiring upgrades necessary for the installation of the new HVAC unit for the Laboratory are nearing completion. Once they are complete, the existing unit will be removed and replaced. This work is anticipated to occur mid January, weather permitting.
- Staff continues to work on widening the access road that surrounds the lagoon to make it safer and easier to navigate.
- The Bureau of Reclamation's Schaake Project is nearing completion. As the UAC is aware, the City committed to a land exchange with the Bureau under a Memorandum of Understanding. The land exchange is getting closer; however, the MOU is set to expire in December. The MOU amendment will be on Council's December 20 agenda for approval. The land exchange is currently anticipated early in 2022. The MOU amendment is included in this agenda packet.
- Staff have continued negotiations with Kennedy Jenks, who was selected to complete our General Sewer System update and Aeration Replacement design last month. We anticipate having a consultant agreement before UAC at the January meeting.

Water

- Water pumped for December 2021 was 63,448,177 gallons, compared to December 2020 which was 59,111,846.
- Staff certified the Emergency Response Plan with EPA at the end of December.
- Water crews have been assisting with snow plowing and removal operations.
- The City of Ellensburg Water Division continues to operate with one operational pump at the Vuecrest Booster Station while waiting for the delivery of a replacement pump. The delay in receiving the new pump was anticipated and the emergency use of Brooklane Well is still an option if it becomes necessary in the interim. The arrival of the new pump is now expected in middle to late February due to difficulties in getting the materials to build the impeller.

- Staff has received verbal notification of receipt of a \$300,000 Dept. of Ecology grant for the design and permitting of a pilot test for Aquifer Storage and Recharge (ASR). The concept of the pilot test would be to pump shallow water from our City Wells site and inject this water into the deeper aquifer that all of our other municipal wells pump from. We are hopeful to have a contract with Ecology and a consultant agreement contract available by the time of the meeting, but we are still awaiting contract language from Ecology at this time.
- Staff submitted our draft Water System Plan (WSP) Update to the Dept. of Health (DOH) late this past summer and anticipate having DOH comments shortly. With this, we anticipate presenting the updated WSP to UAC early 2022.

Storm

- Gordon Crane retired from many years of service to the city. The Utility is looking to backfill that position as it supports a large part of the Storm Utility.
- Staff is working on the annual stormwater management plan, which accompanies the annual report to Ecology in March.
- Gateway II design and permitting is moving along nicely.
- Planning grant coordination meetings are scheduled for the Brooklane Wilson re-alignment project in December.

Electric

- We are advertising for two vacant Journeyman Lineman positions.
- Crews responded to a car hit pole that caused extensive damage at Gibson Truck Wash.
- Crews have been focusing on a primary extension for the vet clinic on Opportunity St. As well as installing UG conductor and transformers to serve the French Plat.
- Staff, with the aid of D. Hittle & Associates, has advertised for bid the substation power transformer for the Dolarway Substation project, bids are due 3:00 p.m. January 26th.
- Aubrey Silvey Enterprises Inc. completed the substation maintenance at the Helena Ave Substation the substation was re-energize and put the station back into service Friday December 10th.
- Staff advertised a request for consultant qualifications for the “Ellensburg South Substation Sighting Study” and received one submittal from Electrical Consultants Inc. (ECI) Staff reviewed their qualifications and is proceeding with contracting. Staff plans to bring the contract to City Council for approval at the February 7th meeting.
- Staff recently advertised Bid Call 2021-16 Electrical Utility On-Call Construction Services. Bids are scheduled to be opened January 19th at 3:00 p.m.
- The installation of the duct and vault system for the Bull Rd. project is complete with some punch list items remaining.
- Staff met with new Councilmember Adam Winn at the Dolarway Substation for a site tour and brief electric system overview.

Gas

- Effective December 16, 2021, Chet Weekes advanced out of the 4000 hour Gas Mainfitter Apprenticeship into Gas Journeyperson status. Chet met his On-The-Job training (OJT) hours and Related/Supplemental Instruction (RSI) hours requirements and he passed his Gas Mainfitter Exam on December 15th. Chet was hired into the Gas Division in March 2020 as a Gas Technician and went into the Apprenticeship in January 2021. He has done a commendable job in the apprenticeship and will make a great Gas Journeyperson for the Gas Division and the City.

- Kody Graham, Gas Technician, entered into the Gas Mainfitter Apprenticeship on January 1, 2022. Kody was hired into the Gas Division in May, 2021. A review of Kody Graham's experience and training hours was performed to determine hours of credit he was given upon entering the Gas Mainfitter Apprenticeship in January, 2022.
- Crews performed scheduled monthly pipeline patrol and tasks as well snow & ice patrols. Crews installed new PE main and service stubs off Bender Road in Ridgeview Plat Phase 3 and finished the final pressure test and tie-in of new PE main on the Bull and Berry Roads looping project. Crews are also completing annual operator qualification written tests and performing annual welding re-certifications.
- Staff advertised Bid Call 2021-07 Walnut Street Rectifier & Deep Well Anodes – Relocation & Replacement on Wednesday, December 8th. Bids were opened on December 29, 2021. MESA Products Inc. is the apparent low bidder and will be recommended for award at the January 17, 2022 City Council Meeting.
- Staff continues to review material inventory and projected needs in anticipation of supply chain issues.
- Staff is planning to meet with new Councilmember Adam Winn at the Kittitas Tap Station for a site visit and brief overview of the gas distribution system.