



Colorado Springs Utilities

It's how we're all connected

Date: December 7, 2018
To: Utilities Board
From: Aram Benyamin, Chief Executive Officer
Subject: **Communication to Utilities Board**

1. CEO Out of Office:

- I will be out of the office Monday, December 10, 2018. Melissa Kellione will be the acting CEO during my absence. If you need assistance during my absence, please contact Melissa at 668-7520 (office) or 200-1908 (cell).

2. Implementation of Drug and Alcohol Testing for Licensed Utility Installers (LUSI), January 1, 2019:

- As agreed with the Housing and Building Association (HBA) and in accordance with Federal regulations, Colorado Springs Utilities officially informed existing Licensed Utility Service Installers (LUSIs) on August 9, 2018, of Colorado Springs Utilities' intent to require, effective January 1, 2019, drug and alcohol testing requirements of the LUSIs.
- To remain an active LUSI after December 31, 2018, existing contractors employing LUSIs were required to submit a drug and alcohol program plan and certificates of enrollment for each individual LUSI, for Colorado Springs Utilities review.
- As of December 3, 2018, only 12 of the existing 26 contractors who employ LUSIs have submitted drug and alcohol documentation for Colorado Springs Utilities review; these 12 contractors represent over 80 percent of the gas service line installations accomplished so far in 2018.
- Colorado Springs Utilities is scheduling a meeting with the HBA and existing LUSIs to report the status of the required drug and alcohol implementation program and encourage additional participation.
- The revised Colorado Springs Utilities Gas Line Extension Service Standard (GLESS) is scheduled for release on January 1 2018, and will include the requirement of the drug and alcohol program for LUSIs.
- Colorado Springs Utilities will continue to meet with the HBA to discuss the LUSIs' Operator Qualified requirement in 2019 in an effort to meet the federal regulations and to improve employee and public safety, and the reliability of our natural gas system.

3. Utilities Board Seeks Customer Input on the Draft Strategic Plan:
 - Chair Tom Strand submitted a letter to local newspapers asking customers to read the draft strategic plan and provide comments at CSU.ORG.
 - The letter has also been posted on social media.
 - The Board will discuss the draft at the December 17 Board meeting and consider adopting the plan at the January 16 Board meeting.(See attachment)

4. November 7, 2018 UPAC Committee Meeting Minutes:
(See attachment)

5. Water Main Replacement Program – 2-Week Look Ahead:
(See attachment)

6. Utilities Board Request Tracker:
(See attachment)

7. Weekly Water Update:
 - 2018 Year-to-date Consumption: 23,700.0 million gallons, which is 5.9 percent more than at this point in 2017.
 - There are 157 days of demand in local storage.
 - There are approximately 2.7 years of demand in storage system-wide.(See attachment)

8. Upcoming Volunteer Opportunities:

There are various upcoming volunteer opportunities including the following this weekend:

 - **December 8** - Salvation Army Bell Ringing – Safeway, Powers & Constitution Location, 9:00 a.m. – 5:00 p.m.
 - **December 8** - Project Angel Heart Meal Delivery – 9:30 a.m. – 12:00 p.m.
 - **December 8** - The Resource Exchange Break Time - 11:30a.m. – 4:00p.m.(See attachment)

Attachments:

- Attachment 1 (Draft Strategic plan – Chair Strand invites customer input)
- Attachment 2 (November 7, 2018 UPAC Committee Meeting Minutes)
- Attachment 3 (Water Main Replacement Program (WMP 2-Week Look Ahead))
- Attachment 4 (Board Request Tracker)
- Attachment 5 (Weekly Water Update)
- Attachment 6 (Upcoming Volunteer Opportunities)

c: Officer Team

Utilities Board seeks Customer Input

Colorado Springs is fortunate to operate its own community-owned utility. This means that our customers have a say in how their utility operates and plans to provide service in the future.

Right now, our Colorado Springs Utilities Board and CEO Aram Benyamin are updating the utility's strategic plan. We are reaching out to you asking for your insight, suggestions and ideas on this important utility roadmap to improving utility performance and meeting the expectations of our customers.

The plan focuses on many areas directly impacting utility services, rates, reliability and our local environment, from electric transmission projects and renewable energy development to regional water projects and the modernization of utility infrastructure.

Every component of the strategic plan has the potential to reshape how utility services are delivered to you in the future. That's something our entire community can get excited about.

The Utilities Board and Colorado Springs Utilities would like your input on the draft strategic plan. Please read the plan and provide comments at CSU.ORG. Our Board will discuss the draft at the December 17 Board meeting and consider adopting the plan at our January 16 Board meeting.

Thank you for your involvement.

Tom Strand
Colorado Springs Utilities Board Chairman



Minutes
Utilities Policy Advisory Committee (UPAC)
Wednesday, November 7, 2018
8:00 a.m. – 10:30 a.m.
Blue River Board Room
5th Floor, Plaza of the Rockies, South Tower, 121 S. Tejon

Committee Members present: Chair Rich Kramer; Vice Chair Rex Adams; Balu Bhayani; Gary Burghart; Scott Harvey; Larry Barrett; Alternate Member Reggie Ash

Committee Members Excused: James Colvin

Staff Members present: Tamela Monroe; Cindy Newsome; Matt Dudden; Dave Grossman; Bethany Burgess; Russ Strom-Olsen; Tara McGowan; Sarah LaBarre; Bill Galloway; Sharon DeWitt

Others present: Ryan Tefertiller, Urban Planning Manager - City of Colorado Springs;

1. Call to Order

Vice Chair Adams called the meeting to order at 8:02.

2. Approval of October 3, 2018 UPAC Meeting Minutes

Committee Member Gary Burghart moved to approve the minutes of the October 3, 2018 meeting of the Utilities Policy Advisory Committee. Committee Member Scott Harvey seconded the motion. The motion passed unanimously.

**3. Utility Infrastructure for an Urban Planning Area
 Infrastructure Objectives for an Urban Redevelopment Areas**

Ms. Cindy Newsome, Colorado Springs Utilities Office of Economic Development Manager, presented information regarding objectives for utility infrastructure in an Urban Planning Area. Ms. Newsome stated that downtown development has a multiplier effect on development for the rest of the city and that implementing best practices for utility system upgrades in urban redevelopment areas will benefit existing and new customers. The Comprehensive Plan (PlanCOS) will align with other city and community plans, identified priority areas, and recommended infill, high density housing, adaptable and sustainable growth, walkability, and innovative urban design.

Ms. Newsome acknowledged narrow alleys, aging utility infrastructure, and fire flow capacity as challenges for urban redevelopment. Lining water and wastewater lines offers an innovative and potentially more cost-effective way to upgrade aging infrastructure.

4. Utility Infrastructure for an Urban Planning Area

Research, Peer Analysis, Case Studies

Matt Dudden, Colorado Springs Utilities Office of Economic Development Corporate Economist, discussed population trends and stated that growth inside Colorado Springs' city boundaries outpaces suburban growth and that Colorado Springs has the highest level of millennial growth in the nation. He added that millennials have a higher propensity for urban living.

Mr. Dudden discussed Denver in his peer city analysis. Denver had many of the same urban redevelopment challenges as Colorado Springs. He stated that while Denver Water did have a cost sharing model, they have moved to a master planning process. Xcel Energy (Public Service Company of Colorado) is involved in a comprehensive planning process.

Discussion Items

- Funding Sources
- Coordination with other entities
- Cost sharing based on age of infrastructure
- Economic Development Agreements

Ms. Newsome stated that collaborative planning can bring about efficient and innovative redevelopment as well as maintenance for utility infrastructure. Chair Kramer requested recommendations for what a comprehensive planning process look like.

Committee members requested additional information regarding funding sources and stated that Colorado Springs Utilities involvement in economic development must be financially neutral or beneficial to rate payers.

Ms. Tamela Monroe, Chief Planning and Finance Officer, discussed downtown redevelopment activities in Omaha. She described the master plan, coordination with developers and that a 10-year plan was used to combat the one-off project approach. Ms. Monroe stated that master plans need to be flexible to adapt to changing market direction.

Discussion Items

- Developer cost sharing
- Changes due to public input
- Who drives and manages the planning process

Mr. Dudden discussed utility infrastructure for urban redevelopment at Tennessee Valley Authority, Salt River Project and Santee Cooper. Mr. Dudden then discussed Return on Investment Case Studies.

Discussion Items

- Downtown Colorado Springs apartment and museum projects
- Greenfield vs infill costs for upgrades
- System Improvement Program for electric undergrounding
- Developer costs
- Economic Development Special Contracts

5. Utility Infrastructure for an Urban Planning Area

Potential Master Plan

Ms. Newsome presented information regarding a potential master plan to include objectives which would be measurable and adaptable. She stated that the plan would assess infrastructure needs and prioritize areas in alignment with planned urban development. The committee discussed potential funding sources and options for utility upgrades in preparation for urban redevelopment.

6. Utility Infrastructure for an Urban Planning Area

Innovative Urban Infrastructure Upgrades

Tara McGowan, Managing Engineer, Water/Wastewater Standards, presented examples of how Colorado Springs Utilities is developing innovative ways to upgrade and maintain infrastructure in dense urban areas.

Colorado Springs Utilities is looking to collaborate with Stormwater and other utilities such as telecom to develop criteria in a holistic manner.

Bill Galloway, Managing Engineer, Energy Standards, described integrating electric charging stations, 5G, and automated metering system into the current electric system. Ms. McGowan presented information regarding anticipating future capacity upgrades. Colorado Springs Utilities is evaluating using a minimum, midline or maximum load model for prioritizing potential development based.

7. Utility Infrastructure for an Urban Planning Area

Upcoming meeting topics and assignment next steps

Mr. Dave Grossman, Strategic Planning and Governance Supervisor, stated that the December 5, 2018 UPAC meeting agenda will include an outline and components of the Master Plan, a vision for utilities infrastructure in an urban area, draft responses to assignment considerations, and draft recommendations. Mr. Grossman proposed rescheduling the January 2, 2019 meeting to January 23, 2019 for UPAC to finalize assignment considerations responses and recommendations.

He stated that the February 6, 2019 UPAC meeting will be the start of the Energy Vision and Energy Integrated Resource Plan input assignment and that UPAC would deliver recommendations on the Utility Infrastructure for an Urban Planning Area at the February 20, 2019 Utilities Board meeting.

8. General Discussion and Citizen Comment

Committee Member Balu Bhayani discussed the possibility of designating Colorado Springs Utilities funds for upgrading utility infrastructure in preparation for urban redevelopment.

There was no citizen comment.

9. Adjournment

A motion was made and seconded to adjourn the meeting. The motion passed unanimously, and the meeting was adjourned at 10:12 a.m.

COLORADO SPRINGS UTILITIES PROJECT SCHEDULE 12/10/2018 TO 12/24/2018

PREPARED BY COLORADO SPRINGS UTILITIES, WATER SERVICES DIVISION



Colorado Springs Utilities Water Main Replacement Program

will be working in the following areas from

December 10 to December 24

*This information is **subject to change** due to emergency response, weather conditions, equipment and/or resource scheduling changes*

Please contact the following for more information:

Program Manager
Program Technical Lead

Darlene Garcia 668-4097
Tara McGowan 668-8253

This report includes CSU planned finished water projects.

-For other projects see Project Viewer.

-For emergency projects see Cone Zone Map.

Map showing 2018 projects for all four services can be found on the Utility GIS Public Portal

[GIS Public Portal](#)

Use this link for specific work zone information

COUNCIL DISTRICT	SEGMENT ID	FUNDING	STREET	FROM	TO	IMPACT	DESCRIPTION OF WORK ⁺	START DATE	PROJECTED COMPLETION DATE	DUE DATE
5	N/A	WMRP (C3P3)	GALLEY RD	N ACADEMY BLVD	TURLEY DR	*** See GIS Public Portal***	CA/CP/REP	6/1/2018	12/31/2018	2018
2	00884	2C	BRIARGATE BLVD	UNION BLVD N	CHAPEL HILLS DR		REP	11/19/2018	6/15/2019	6/15/2019
5	02363	2C	FEDERAL DR	VOYAGER PKWY	INTERQUEST PKWY		CP	12/3/2018	12/31/2018	4/15/2019
5	04270	2C	NEVADA AV	UINTAH ST	FILLMORE ST		CA/REP	12/17/18	4/15/2019	8/15/2019
3	04269	2C	NEVADA AV	UINTAH ST	PLATTE AV		CA/REP	12/17/2018	4/15/2019	8/15/2019

⁺ Legend

CA - Condition Assessment

CP - Cathodic Protection

REP - Replacement

**Utilities Board Member Direction and Request Tracker
as of 12/6/2018**

Request Code (date/requestor)	Request Description	Staff Lead	Method of Response	Date of Response	Requestor Close
02152018_Board_dknight	Centennial Glen Drive - large depression/small sink hole. Compaction around valve clusters and settlement. Trench compaction requirements inside and outside the Right of Way.	Earl Wilkinson; Brian Whitehead	PPRTA is currently in process of repair.	12/4/2018	
02212018_Board	Contact Colorado College department of GIS to discuss collaboration with the Pikes Peak Geospatial Alliance	Phil Tunnah; Mike Herrmann	Relationship with CC continues to grow and a long term digital data sharing agreement between CC and CSU is being developed.	4/3/2018 6/12/18	
03212018_Board	Schedule Joint Utilities Board/UPAC Regional Collaboration Workshop	Earl Wilkinson	Special Meeting held to update the Board on the North Monument Creek Interceptor project and Discussion with the Cherokee Metropolitan District. The Joint UB/UPAC Regional Collaboration Workshop has not been rescheduled.	10/30/2018	
06202018_Board	Follow-up with the Woodman/I-25 water main leak issue to minimize interference in the future and review if there is a warranty issue.	Earl Wilkinson			
09192018_Board	Affordable Housing: Follow-up with potential program rules to address keeping rents in affordable space; Provide efficiency improvement data and impacts to other DSM programs regarding effects of dollars open and savings achieved.	Eric Tharp; John Romero	Proposed program rules in draft form and will be presented to the Leadership Team at an upcoming meeting.	10/26/2018	
10172018_Board	Keep the Board informed of the date and location for signing event for the U.S. Forest Service MOU.	Earl Wilkinson; Abby Ortega	Meeting with U.S. Forest Service to determine MOU signing date.	11/15/2018	
10172018_Board	Begin recruitment of a new alternate member for UPAC.	Melissa Kellione; Dave Grossman	Recruitment announcement posted. Weekly Comm Summary provided	11/9/2018	
11152018_Board	Afternoon workshop for New Energy Vision prior to May 2019 approval	John Romero; Michael Avanzi			

**Utilities Board Member Direction and Request Tracker
as of 12/6/2018**

Request Code (date/requestor)	Request Description	Staff Lead	Method of Response	Date of Response	Requestor Close
11142018_dknight	Information requested on a sign	Melissa Kellione			
11142018_dknight and tstrand	Customer complaint	Melissa Kellione			
11192018_dknight	Customer assistance - water invoice	Melissa Kellione			
12052018_dknight	Bill increase message from customer	Melissa Kellione			
Ongoing Items					
07202016_dknight	Provide staff support for DOD Resiliency Summit follow up - energy plan	Melissa Kellione/ Eric Tharp	Ongoing		
03302017_Board	Industry micro/mega trends	Dan Noble	Periodically		
03302017_Board	Elected bodies meetings as appropriate	Dan Noble	Ongoing		

Weekly Water Update as of December 02, 2018:

CONSUMPTION:

WEEKLY:

Week of November 26 through December 02, 2018: 306.6 million gallons, average temperature: 37 deg F, precipitation: 0.01 in.

Week of November 26 through December 02, 2017: 304.2 million gallons, average temperature: 47 deg F, precipitation: 0.00 in.

Week of November 26 through December 02, 2016: 295.8 million gallons, average temperature: 32 deg F, precipitation: 0.03 in.

Week of November 26 through December 02, 2001: 322.7 million gallons, average temperature: 27 deg F, precipitation: 0.04 in.

MONTH-TO-DATE:

December 02, 2018: 84.5 million gallons.

December 02, 2017: 85.8 million gallons.

December 02, 2016: 83.9 million gallons.

December 02, 2001: 94.9 million gallons.

YEAR-TO DATE:

December 02, 2018: 23,700.0 million gallons, precipitation was: 15.33 in.

December 02, 2017: 22,382.9 million gallons, precipitation was: 18.43 in.

December 02, 2016: 22,451.6 million gallons, precipitation was: 13.70 in.

December 02, 2001: 29,128.7 million gallons, precipitation was: 14.91 in.

LOCAL STORAGE:

December 02, 2018 volume is 9.93 billion gallons.

December 02, 2017 was 72.4% of capacity.

December 02, 2016 was 63.9% of capacity.

December 02 normal storage - 1997 to 2001 - is 64.5% of capacity.

December 02 average storage for 30 years - 1981 to 2010 - is 70.7% of capacity.

There are 157 days of demand in local storage.

SYSTEM STORAGE:

As of November 25, 2018, system wide storage volume is 61.7 billion gallons.

There are approximately 2.7 years of demand in storage system-wide.

System storage is at 73.7 % of capacity.

System storage for November 25, 2017 was 85.1 % of capacity.

System storage for November 25, 2016 was 78.1 % of capacity.

Average system storage - 1981 to 2010 - for November 25 is 74.3 % of capacity.

Upcoming CFF Volunteer Opportunities

December 8, 2018

Salvation Army Bell Ringing – Safeway, Powers & Constitution Location
9:00a.m. – 5:00p.m.

December 8, 2018

Project Angel Heart Meal Delivery
9:30a.m. – 12:00p.m.

December 8, 2018

The Resource Exchange Break Time
11:30a.m. – 4:00p.m.

December 16, 2018

Marion House Soup Kitchen
7:00a.m. – 11:00a.m.

Salvation Army Red Kettle Bell Ringing

Downtown Location – Dec 10th – Dec 13th & Dec 17th – Dec 20th

January 12, 2018

Project Angel Heart Meal Delivery
9:30a.m. – 12:00p.m.

To view all volunteer opportunities, see additional project information and to register, please visit <http://intranet.csu.org/Pages/VolunteerOpportunities.aspx>