



AGENDA

February 22, 2022

PUBLIC UTILITIES COMMISSION

6:00 p.m.

Council Chambers

311 Vernon Street

Roseville, California

www.roseville.ca.us/CORTV

The meeting may be viewed on Comcast channel 14, Consolidated Communications channel 73, and AT&T U-Verse. Public Utilities Commission meetings are also video streamed live on the City's website at roseville.ca.us/watch and roseville.ca.us/agenda, and the City's YouTube channel at youtube.com/CityofRosevilleCa.

If you need a disability-related modification or accommodation to participate in this meeting, please contact Voice: 916-774-5200, TDD: 916-774-5220. Requests must be made as early as possible.

THE CITY OF ROSEVILLE WELCOMES YOUR PARTICIPATION

If an agenda item is open to public comment, such public comment shall be addressed to the chair of the meeting.

Public Comment - Speakers have three minutes under Public Comment to speak on issues that are not listed on the agenda and are within the City's jurisdiction. The Brown Act does not permit any action or discussion on items not listed on the agenda.

Consent Calendar - If applicable, the Consent Calendar consists of routine items that may be approved by one motion. Any person can remove an item from the Consent Calendar to be discussed separately.

Agenda Items - Speakers have five minutes to address items that are listed on the agenda.

Americans with Disabilities Act - Notify the City Clerk or Secretary at least 72 hours in advance if special assistance is required to participate in a meeting including the need of auxiliary aids or services.

Audio/Visual Presentations - If making a presentation regarding an agenda item, audio/visual materials must be submitted to the City Clerk or Secretary at least 72 hours in advance.

Roseville City Clerk 311 Vernon Street, Roseville, CA 916-774-5200 TDD 916-774-5220

1. CALL TO ORDER
2. ROLL CALL

3. PLEDGE OF ALLEGIANCE

4. PUBLIC COMMENTS

5. MINUTES

5.1. Approval of November 23, 2021 Minutes

6. REQUESTS/PRESENTATIONS

6.1. Roseville Electric Utility Monthly Update

Report by Electric Utility Director, Dan Beans, summarizing the monthly status of Electric Utility Issues, for information.

6.2. Roseville Electric Utility Overview

Presentation by Assistant Electric Utility Directors, Paul Cummings, Shawn Matchim and Todd White, providing an overview of Roseville Electric's projects, for information.

6.3. Environmental Utilities Monthly Update

Report by Environmental Utilities Director, Richard Plecker, summarizing the monthly status of Environmental Utilities activities, for information.

6.4. Roseville Utility Exploration Center Update

Presentation by Acting Interpretive Services Supervisor Brayden Mitchell on the Roseville Utility Exploration Center, for information.

7. BOARD MEMBER / COMMISSIONER / STAFF REPORT

8. ADJOURNMENT



PUBLIC UTILITIES COMMISSION COMMUNICATION

Title: Approval of November 23, 2021 Minutes

Contact:

Meeting Date: 2/22/2022

Item #: 5.1.

ATTACHMENTS:

Description

November 23, 2021 Minutes



MINUTES

November 23, 2021

PUBLIC UTILITIES COMMISSION

6:00 p.m.

Council Chambers

311 Vernon Street

Roseville, California

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1. CALL TO ORDER

Chair Webb called the meeting to order at 6:00 p.m.

2. ROLL CALL

Present: Commissioners Bielski, DeLacy, DeMarchi, Granger, Knox, Maisch, Webb

3. PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was led by Commissioner Maisch.

4. PUBLIC COMMENTS

No public comment received.

5. MINUTES

5.1. Approval of October 26, 2021 Minutes

Motion by Commissioner DeLacy, seconded by Commissioner Knox, Approve Motion. The Motion Passed.

Roll call vote: Ayes: Commissioners Bielski, DeLacy, DeMarchi, Granger, Knox, Maisch, Webb

6. REQUESTS/PRESENTATIONS

6.1. Roseville Electric Utility Monthly Update

Report by Electric Utility Director, Michelle Bertolino, summarizing the monthly status of Electric Utility issues, for information.

No public comment received.

6.2. Roseville Electric Utility Capital Projects Overview

Presentation by Assistant Electric Utility Director, Todd White, Power Engineering Manager, Chris Porter, and Electric Utility Finance Administrator, Eric Campbell, providing an overview of Roseville Electric's capital projects, for information.

No public comment received.

6.3. Environmental Utilities Monthly Update

Report by Environmental Utilities Business Administrator, Janet Vargas, summarizing the monthly status of Environmental Utilities issues, for information.

No public comment received.

6.4. Environmental Utilities Capital Projects Overview

Presentation by Principal Engineer, George Hanson, and Senior Engineer, Janice Gainey, providing an overview of the Environmental Utilities Department's capital projects, for information.

No public comment received.

7. BOARD MEMBER / COMMISSIONER / STAFF REPORT

Commissioner Bielski reported that he called the Water Utility regarding the green/blue color of the water which he noticed after the big storm earlier in the month. He was informed this was due to stormwater runoff from Folsom Lake, that the color could not be filtered out, but was assured that it was not hazardous to drink. He suggested that perhaps a recorded message by the department could be made available to the public in the future for these types of issues.

8. ADJOURNMENT

The Public Utilities Commission meeting was adjourned at 6:53 p.m.

Motion to adjourn by Commissioner Knox, seconded by Commissioner Granger, approve the Motion. The Motion Passed.

Roll call vote: Ayes: Commissioners Bielski, DeLacy, DeMarchi, Granger, Knox, Maisch, Webb



PUBLIC UTILITIES COMMISSION COMMUNICATION

Title: Roseville Electric Utility Monthly Update
Contact:

Meeting Date: 2/22/2022
Item #: 6.1.



PUBLIC UTILITIES COMMISSION COMMUNICATION

Title: Roseville Electric Utility Overview

Contact:

Meeting Date: 2/22/2022

Item #: 6.2.

ATTACHMENTS:

Description

Roseville Electric Utility Overview



Roseville Electric Utility Overview

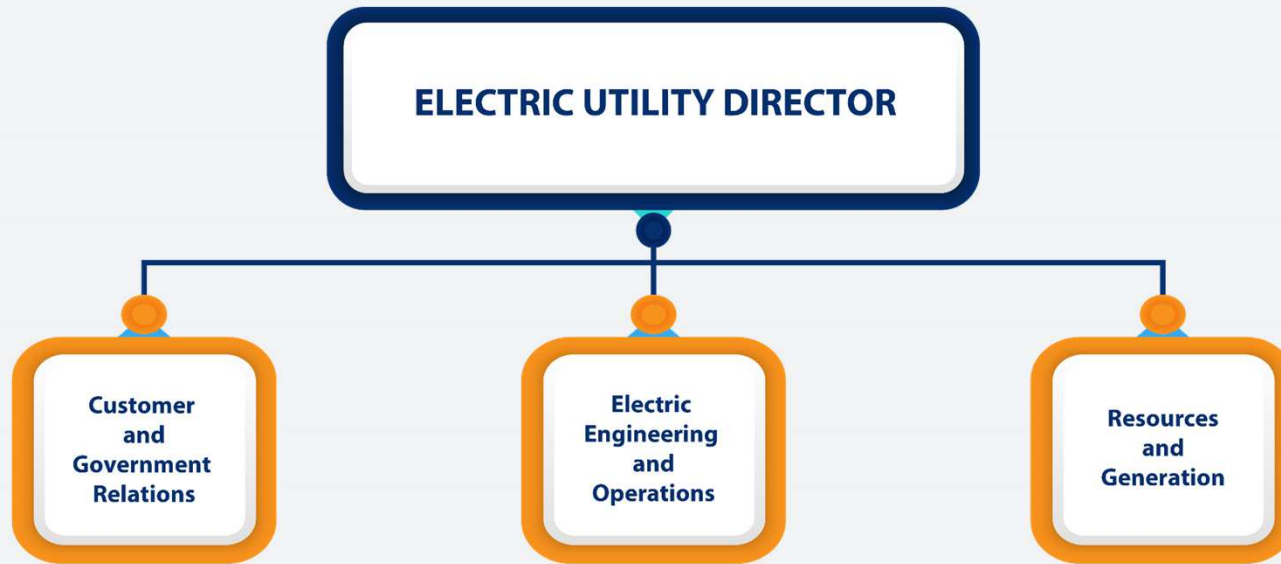
Electric Utility Assistant Directors Paul Cummings, Shawn Matchim and Todd White

SUMMARY

- Since 1912, Roseville Electric Utility has delivered reliable service along with competitive rates that provides:
 - A strong foundation for economic growth.
 - Support for business development.
 - More jobs to the Sacramento region.
- As part of a full service city, Roseville Electric Utility has:
 - Over 900 miles of 60 & 12 kV lines
 - 4,075 power poles
 - 17 substations
 - Approximately 65,000 customers
 - 193 employees



ORGANIZATIONAL CHART



OPERATIONS

Operations is charged with the safe operation of the electric distribution system, including:

- Reliability services such as pole and line maintenance, circuit reconfiguration, supplemental power supply, undergrounding, and power factor correction.
- Connectivity services including operation of our communications backbone to support substation operations and future distribution line automation and automated meter reading.
- Robust inspection and maintenance programs.
- Performance and regulatory audit support.
- Asset management.
- After-hours response and emergency preparedness.





ENGINEERING

- Engineers and manages all substation and power system backbone (60 kV) construction and rehabilitation projects.
- Responsible for designing and managing work on the sophisticated control and protection systems that isolate system problems.
- Develops construction standards and procures electrical equipment for the utility.

The average outage is once every



years

Average duration of an outage is

10
minutes



Information is based on our customer average interruption duration index and our system interruption frequency index.

NEW SERVICES

- Responsible for the plan checking, designing and inspecting of all new development within Roseville.
 - This includes:
 - Extending the 12kV distribution system from our substations along all new road sections.
 - Public street lighting.
 - Electric service for all new residential and commercial developments.
- Maintains GIS system maps.



RISK AND COMPLIANCE

Risk monitors:

- Commodity price risk
- Volume risk
- Operational risk
- Counterparty risk
- Regulatory and environmental risk

Compliance:

- Ensures the appropriate separation of responsibilities exist for meeting federal, state, and county compliance requirements, and serves as the primary liaison for engaging with regulatory agencies.



GENERATION

Roseville Energy Park

- Natural gas power plant capable of producing up to 160 megawatts (MW) of electricity
 - Commercial operation since 2007
- 25 full-time employees



Roseville Power Plant #2

- Consists of two simple cycle gas turbines—48 MW

CDWR Emergency Peakers

- Two portable simple cycle turbines-- 60MW
- Option to purchase in 2023
- Flexible fuel

GENERATION ENGINEERING

- Focus on capital improvement to maintain generation infrastructure to ensure resources are available when needed for the residents and businesses of Roseville
- Infrastructure upgrades and maintenance
 - REP
 - RPP2
- Long-term planning

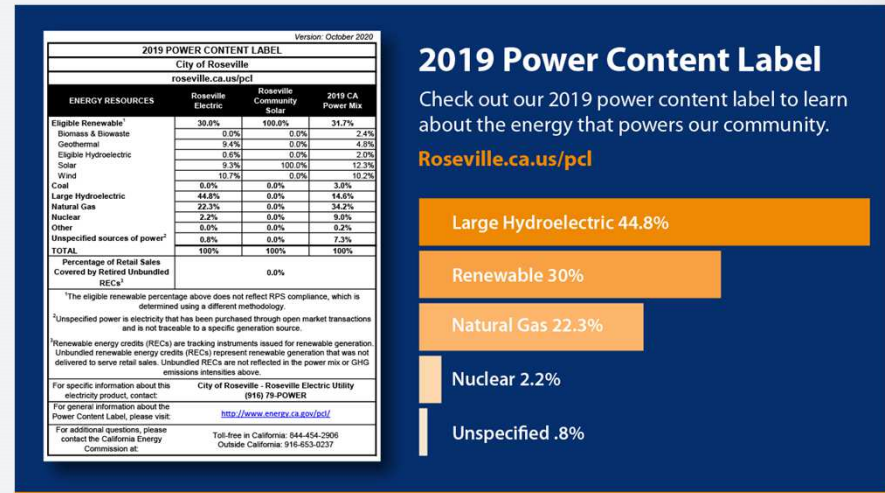


POWER SUPPLY

This team is responsible for ensuring reliable and affordable supplies to Roseville.

Responsibilities:

- Buying and selling power and gas to serve the community
- Ensure generation resources are adequate to meet projected future peak capacity and energy needs
- Achieving utility goals such as maintaining an adequate reserve margin for system reliability
- Meeting regulatory mandates for renewable energy



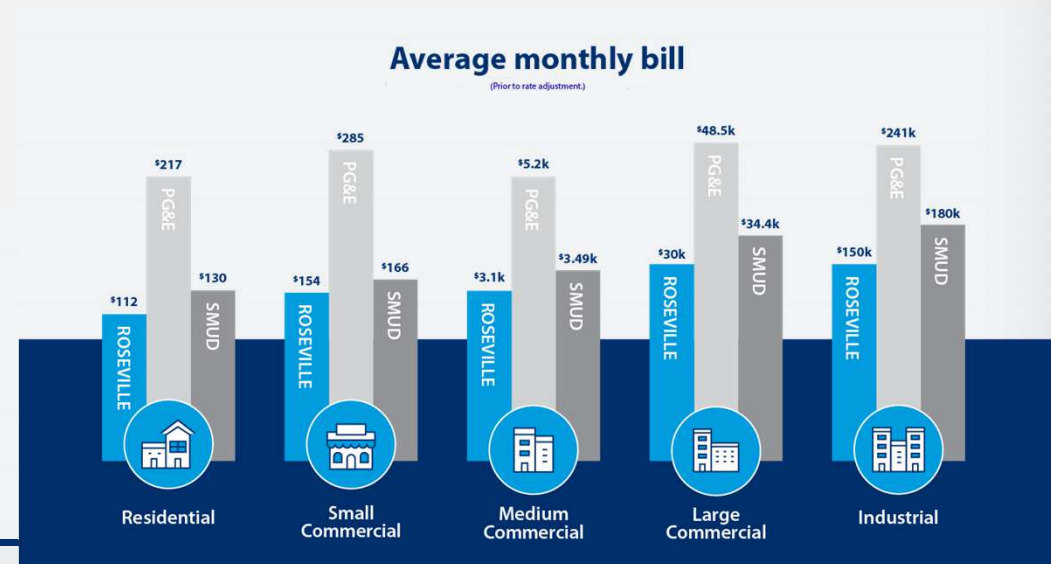
ELECTRIC TECHNOLOGY SYSTEMS

- Operations Technology Section
 - Manage Electric Department operations technology systems including supporting technology infrastructure and applications.
- Business System Section
 - Serves as a liaison between Electric Department business operations and technology system development, implementation, and operations.
 - System configuration and customization
 - Project portfolio management



FINANCE, RATES & UTILITY BILLING

- We regularly review our finances to ensure our utility remains financially stable and sound.
 - Forecasting revenues and costs
 - Developing electric rates
 - Managing our debt service program
 - Financial reporting
 - Customer billing
 - Customer service center



LEGISLATIVE & REGULATORY

Legislative principles that guide our advocacy efforts:

- Retaining local decision-making for programs, services, resources and rates
- Managing the cost exposure associated with meeting state energy policy goals
- Maintaining flexibility to comply with regulations in the way that best reflects community priorities
- Maintaining system reliability while complying with regulations in a cost effective manner
- Implementing rates that are fair, equitable and do not subsidize certain groups of customers or technologies at the expense of others



CUSTOMER SOLUTIONS

This division manages customer engagement and develops programs and services to meet our current and future customer's needs, including:

- Trusted Advisor
- Energy Efficiency Programs
- Customer Education
- Building electrification
- Charge Ahead Roseville
- Home Energy Reports





KEY ACCOUNTS

This program supports solutions that enhance the community, partners and leverages industry relationships, evolves utility structure and processes, demonstrates our core competencies and assists in developing the utility of the future.

The key account list is limited to a maximum of:

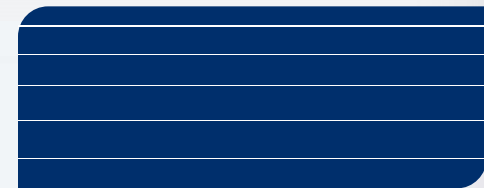
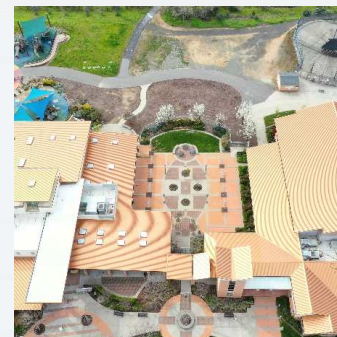
- 35 customers who impact the utility financially
- 15 customers who impact the utility or community politically



UTILITY EXPLORATION CENTER

A one-of-a-kind learning center focused on inspiring stewardship of resources in everyday life.

- The center offers an inside look at the utility systems that keep our community safe, healthy and strong with an engaging and experience-rich atmosphere.
- Whether it's through exhibits, special events, school programs or workshops, our visitors can learn how to save energy and water, reduce waste, protect the watershed and live sewer smart.



THANK YOU



PUBLIC UTILITIES COMMISSION COMMUNICATION

Title: Environmental Utilities Monthly Update

Contact:

Meeting Date: 2/22/2022

Item #: 6.3.



PUBLIC UTILITIES COMMISSION COMMUNICATION

Title: Roseville Utility Exploration Center Update

Contact:

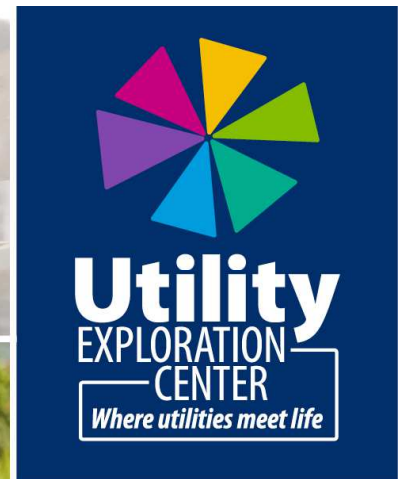
Meeting Date: 2/22/2022

Item #: 6.4.

ATTACHMENTS:

Description

Utility Exploration Center Update



Utility Exploration Center

Brayden Mitchell, Acting Supervisor
February 22nd 2022

UEC Mission and Vision

Mission:

To inspire stewardship of resources in everyday life by sharing the interconnectedness between utilities, customers, community and planet.

Vision:

Roseville residents are amazed and inspired by what their utilities do every day. They see themselves as full partners in the safe and effective operation of the systems and services that support their health and quality of life.



Working during COVID closure

- Free at home activities
- Virtual Big Truck Summer
- Drive through Halloween Spooktacular in 2020
- Webinars
- Plus more...

Virtual Wastewater Plant Tour – CASA Award



Family Activity Kits and Demos



School Program Overhaul



UNIT
PLAN



VIRTUAL
FIELD TRIP



TRAVELING
TRUNK



FIELD
TRIP



FREE
MATERIALS

	UNIT PLAN	VIRTUAL FIELD TRIP	TRAVELING TRUNK	FIELD TRIP	FREE MATERIALS
K/1ST	X			X	
2ND	X	X			X
3RD	X				X
4TH	X	X	X		
5TH	X		X		



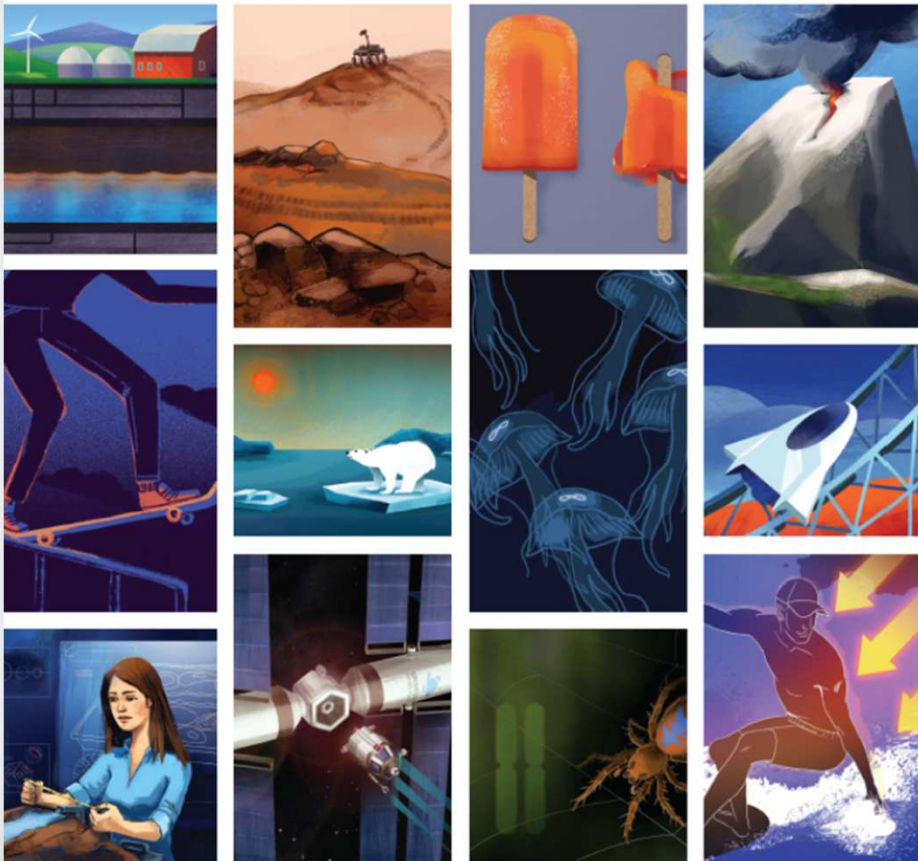
Virtual Field Trips

UEC Field Trips



Amplify Science

Phenomena in Grades 6–8



Middle School Curriculum

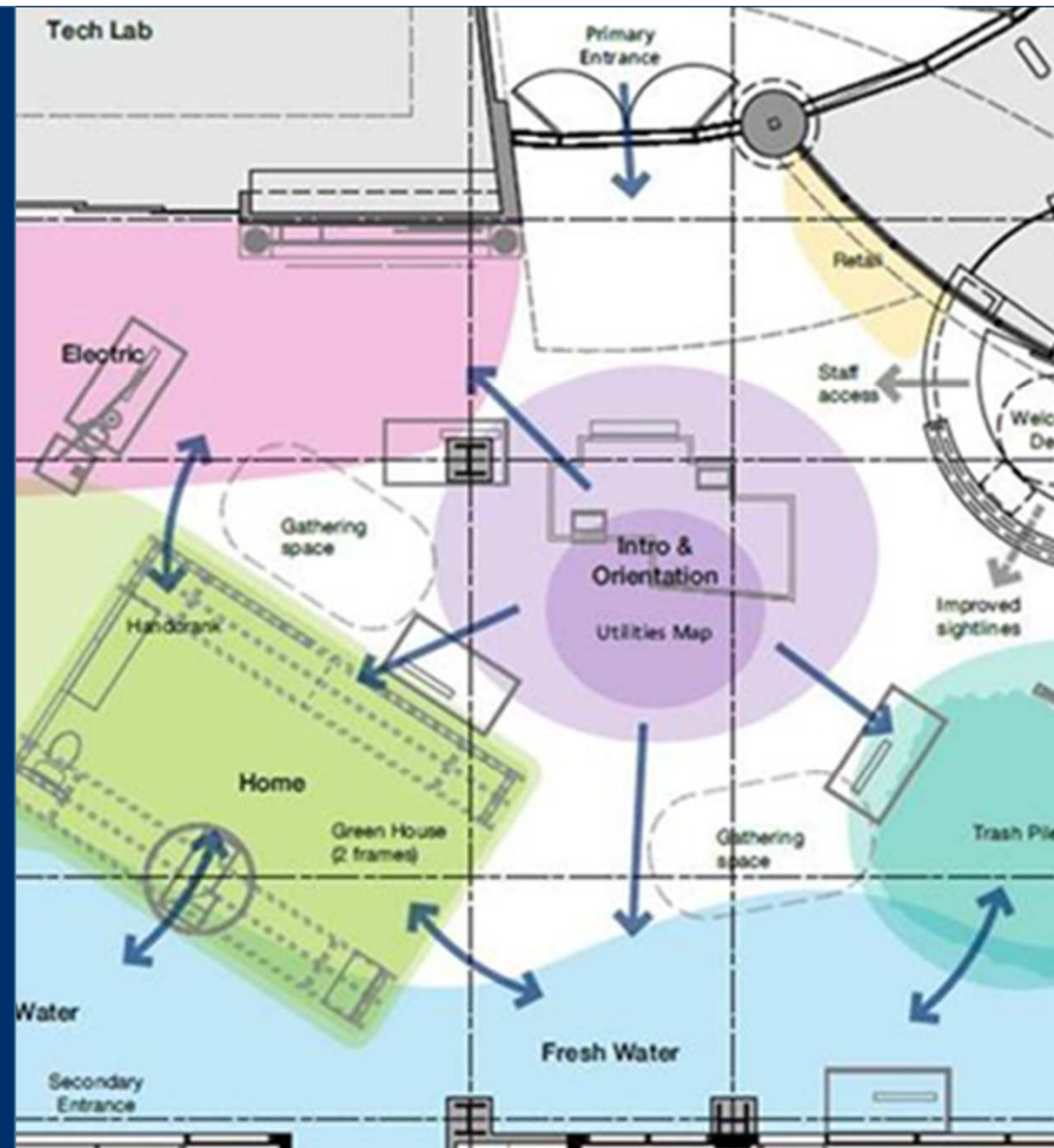
- Ready to begin work with contractor in March
- Align NGSS, Utility messaging, and current Roseville curriculum
- Pilot programs in 22-23 school year

High School Career Field Day



Visitor Center Exhibit Overhaul

- Working Bart Exhibition Design
- Design finalized by Fall 2022
- Targeting Summer 2023 for project completion





Thank You