

Welcome!



SLCgreen

**Renewable Energy Update
and Discussion**
Sep 22, 2021

Organizations Attending

Gardner Company

3form

XMission

Garbett Homes

Zions Bank

Giv Group

Hunt Electric

Sentry Financial

SLC Economic Development

Intermountain Healthcare

LGBTQ Chamber of Commerce

Rocky Mountain Power

Ivory Homes

Varex Imaging

First American Title

LDS Church

rPlus Energies

CREP Business Stakeholder Meeting

September 22, 2021 : Live Poll Questions

1. Open live poll question by clicking on link in the chat or using the QR code below
2. Submit your answer

1. Does renewable energy play a role in your organization's approach to sustainability?

☐ Yes

☐ No

☐ No, but we are interested to learn more about the role renewable energy could play in our approach to sustainability

☐ Don't know

☐ Other



[Poll Question Link](#)

[Results Link](#)

Why does Salt Lake City focus on renewable energy?

Climate impacts are only becoming more obvious

- Hottest summer on record
- Unprecedented state-wide drought
- More frequent storms
- Less snowpack
- More air quality problems from ozone and wildfire smoke
- Heat

Renewable energy is an affordable way to reduce reliance on coal and gas generation

- Renewable generation accounted for more than 80% of all new global electric capacity added in 2020
- The levelized cost of energy from *new* wind and solar is less than or about equal to the cost of energy from legacy coal and combined cycle gas plants



Renewable Electricity is a Key Part of SLC's Plan to Cut Emissions from Govt Operations

50% renewable electricity by 2020

100% renewable electricity by 2030



Salt Lake City's historical renewable energy strategies for govt operations

Distributed Solar *



3%

17 projects since 2011

Blue Sky *



3%

Renewable Energy Certificate
Product

Subscriber Solar *

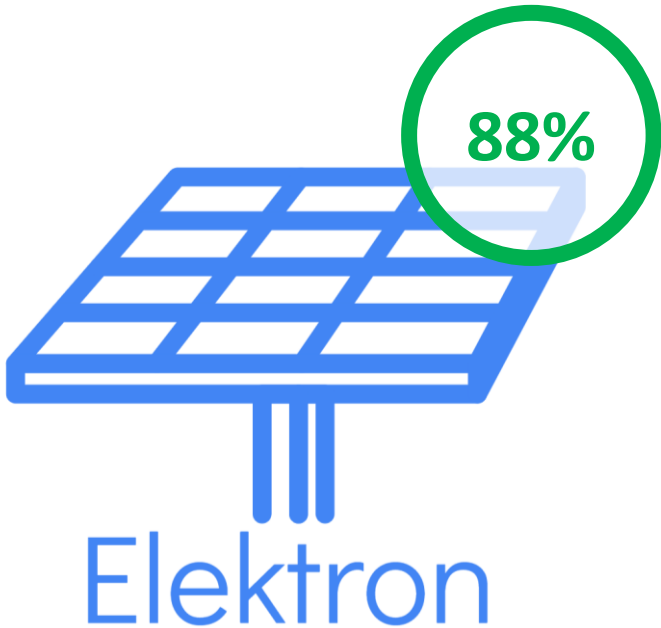


6%

Share of 20MW UT solar farm
built in 2016 in Millard County

* Based on metered electric consumption in 2019

Elektron Solar Project



80 MW solar farm to be built in Tooele County and interconnect with Rocky Mountain Power's system

Projected to produce almost 90% of electricity used for government operations, with less than 2% bill impact

Procured under Rocky Mountain Power **Schedule 34**
Renewable Energy Purchases for Qualified Customers – 5,000 kW and Over

Started in 2019 – will be online by 2023 (~4 years); 6 customers collaborating with Rocky Mountain Power

Similar to the kinds of projects we envision acquiring to support the Community Renewable Energy Program

Questions

Community Renewable Energy Program for Homes and Businesses

Net-100% renewable electricity by 2030



Community Renewable Energy Program

What is it?

Opportunity to create a default net-100% renewable electricity option available to residents and businesses

Simplified look at what's happened so far:

- HB 411, the Community Renewable Energy Act, passed in 2019
- 23 communities became eligible to participate by passing a resolution by 12/31/2019 aspiring to achieve net-100% renewable energy by 2030
- As of today, 15 communities have officially taken the next step in their participation by signing the Governance Agreement and joining the Community Renewable Energy Agency
- The Agency will work with RMP, state regulators, legal and technical experts, community members, and more, to design and launch the Community Renewable Energy Program





Participation Status

Anchors (7)

Town of Castle Valley
Grand County
Millcreek
Moab
Park City
Salt Lake City
Summit County

Standard participants (8)

Alta
Cottonwood Heights
Francis
Holladay
Kearns
Ogden
Springdale
Salt Lake County

Remaining eligible communities (8)

Bluffdale
Coalville
Emigration Canyon
Township
Kamas
Oakley

Orem
West Jordan
West Valley City

The Vision: Community Renewable Energy Program

A default net-100% renewable electricity option

Affordability

Inject a significant amount of new renewable energy into our electric grid

Protect low-income customers

Combine the interest of communities across Utah to multiply our impact



Current Options Are Good but Limited

The **Blue Sky** program mostly supports existing projects that are not interconnected to our electric grid

The **Subscriber Solar** program has so far supported one new 20 MW solar farm, but is currently capped, and requires customer opt-in

Rooftop solar has many benefits, but typically requires a big upfront financial investment or a loan

The Community Renewable Energy Program will be the first of its kind in the country (like Utah's version of community choice aggregation)



Timeline (subject to change)

Summer 2021

1 Assemble participating communities

2021-2022

2 Design program: rates, cost projection, etc.

2022

3 RMP files Program Application for State review

2022-2023

4 Pass ordinance to finalize participation

2023-2024

5 First renewable energy procurement

2024-2030 and beyond

6 Program begins, procure to net-100% target

The Plan – Requirements

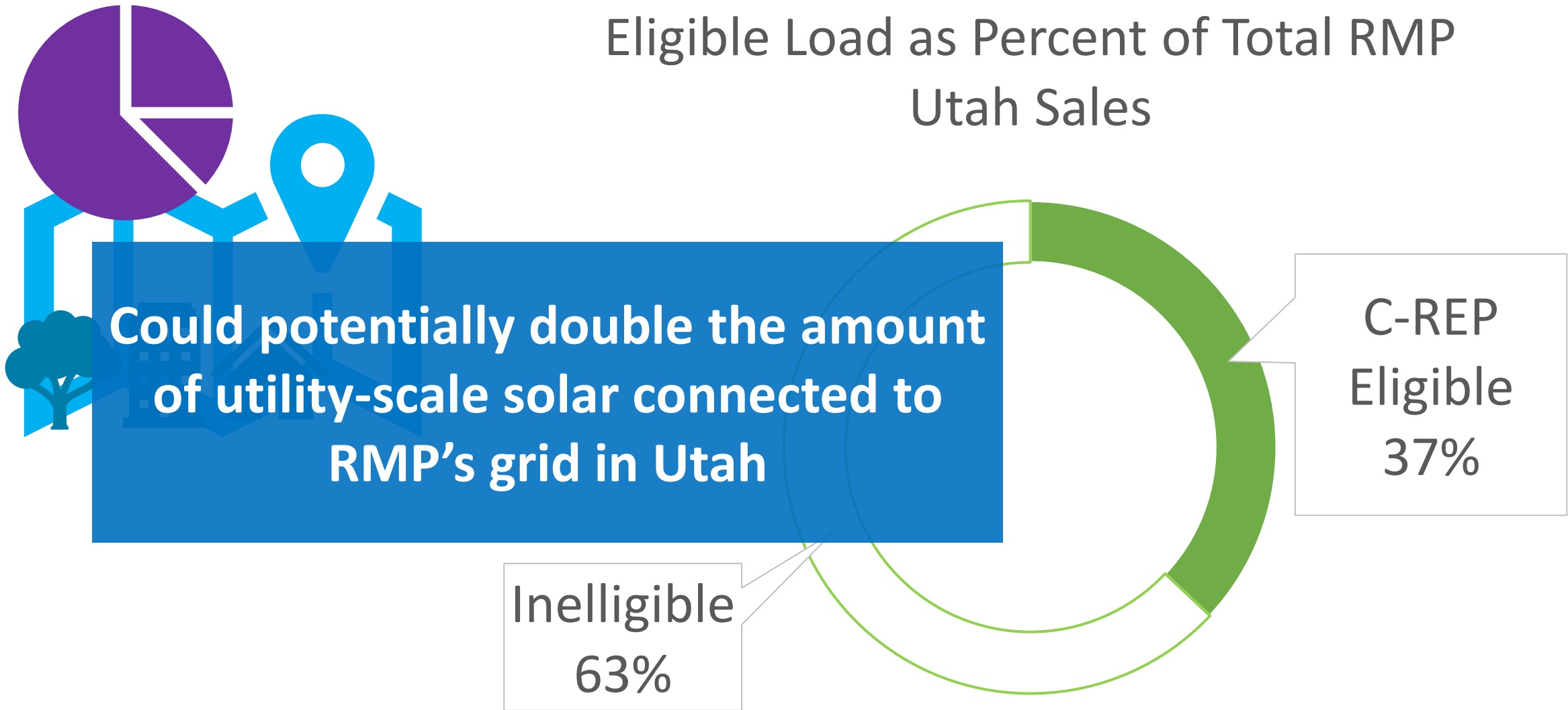


The Utah Community Renewable Energy Act creates a pathway to create this program, but entails many legally-required steps

- Governance Agreement
- Utility Agreement
- Customer bill projections
- Rate design
- Low-Income Plan

How large could the program be?

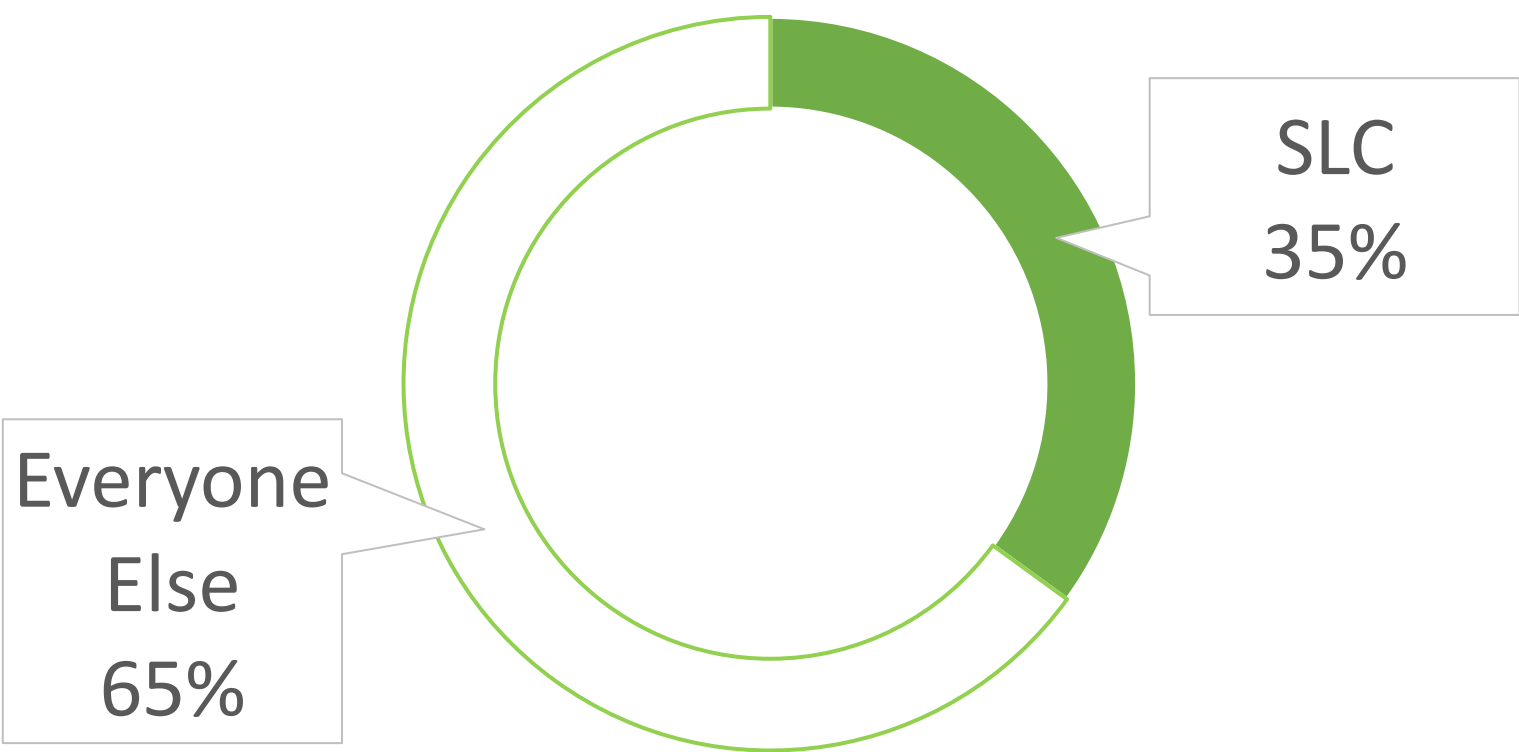
Eligible Load as Percent of Total RMP
Utah Sales



How large could the program be?



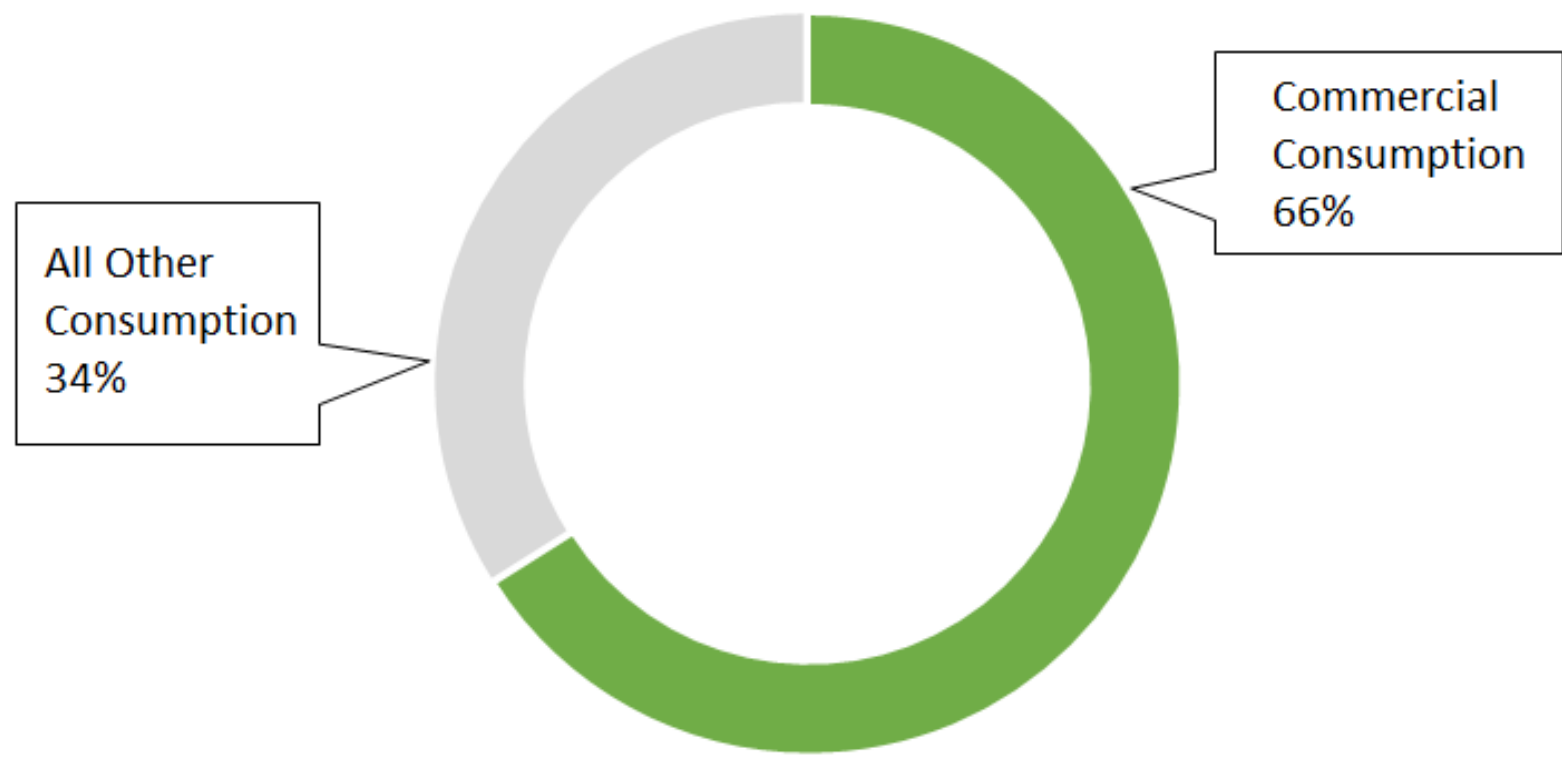
SLC's Portion of 23 Eligible
Communities' Annual Electric Load



Commercial Customer Electric Consumption



Commercial Portion of Salt Lake City's Total Electric Consumption



What will the program cost?

We don't know yet – and it's probably the most important thing we need to determine

We are confident that the program will be affordable, because renewable energy prices are **cheap** and **stable**

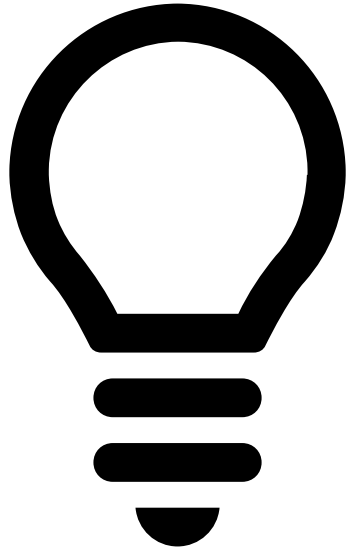
How much will new resources cost to build and integrate into the system?

What benefits will program resources bring to standard offer customers? (Reduced price volatility? Carbon?)

How much of the standard offer system (particularly generation) will program customers pay for?



When the Program Begins



Communities issue a request for proposals - 2023

The Board votes on whether to select a project

60 days before the first program bill arrives, there will be two opt-out notices


In-person visit from RMP for customers with electric load at 1 MW or more measured at a single meter

After the first program bill, there are three billing cycles during which customers can opt out

Afterward, there may be an exit fee

Questions

Consider Signing the Business Pledge



Is your business or organization 100% committed to 100% renewable energy? Sign on to support the Community Renewable Energy Program

The Community Renewable Energy Program was made possible by state legislation (House Bill 411) that allows eligible local governments to offer a net-100% renewable electricity option for residents and businesses.

In all, 23 Utah communities passed resolutions and became eligible to participate in this innovative public-private partnership with our state's largest investor-owned utility (Rocky Mountain Power).

But in order to move forward, each local government will need to sign a proposed Governance Agreement by January 2022.

Show your support by signing this pledge and allowing us to display your logo on the business support page of the Utah100Communities.org website.

Do you support Salt Lake City's effort to create the Community Renewable Energy Program?

If so, please consider signing the pledge of support and have your logo listed:

www.Utah100Communities.org/business

Signing the pledge does not obligate you to participate in the program when it launches

Join Utah Climate Week Events, Sep 26 – Oct 2

September 26th - October 2nd

UTAH CLIMATE WEEK 2021

9.26 - 10.02

UTAHCLIMATEACTIONNETWORK.COM



9.26

Utah Climate Week Kick-Off Event & UCAN Fundraiser

6:00 PM Fisher Brewing, Salt Lake City

9.27

Tipping Point - A Presentation from Dr. Rob Davies

12:00 PM Virtual - Hosted by City of Moab

Transforming Utah's Energy Landscape: A Panel Discussion on the Utah 100% Clean Energy Program

5:30 PM Virtual - Hosted by Sierra Club

Discounted Smart Thermostat Registration

6:00 PM Online at weber.edu/empower

9.28

Toward a Low Carbon Future: Net Zero Housing & Energy Performance

1:30 PM Hybrid - WSU - Lindquist Hall BR 395

Weber State University Sustainability Tour

3:00 PM WSU (Register for location)

Local Food & Zero Waste Resources

5:30 PM Park City Library

Air Pollution Film Premiere & Discussion

6:30 PM Wasatch Sugar House

9.29

A Comparison of the Benefits of Different Climate Solutions

7:00 PM Virtual - Hosted by Citizens Climate Lobby

The Role of America's Red Rock Wilderness Act in Protecting Biodiversity & Mitigating the Climate Crisis

7:00 PM Virtual - Hosted by Southern Utah Wilderness Alliance

Mental Health & Climate Crisis in Latino Communities

6:00 PM Virtual - Hosted by SUWA - Latino
Behavioral Health Services

9.30

USBC: Managing Business Risk amid a Changing Climate

6:00 PM Virtual - The Shop, Salt Lake City

Climate Change & Air Quality: Cost of Action vs. Inaction - A Presentation from Steve Bannister

4:00 PM Virtual - Hosted by Clark Planetarium & SLCO

Change in Climate: Art in the Courtyard

5:00 PM Moab Arts & Recreation Center Courtyard

10.01

Community Visioning Session

4:00 PM City Hall - Moab

Wild Rivers Film Tour

7:30 PM Moab Ballfields

10.02

Foodscaping: Climate Action in Our Landscapes

10:00 AM John & Holly's Foodscape, Ogden

Empower Northern Utah LED Lightbulb Exchange

10:30 AM Weber County Library (Main Branch) Activity
Center Downstairs

IT'S TIME TO ACT ON CLIMATE IN UTAH.

www.utahclimateactionnetwork.com

Kickoff party at Fisher Brewing in Salt
Lake City on 9/26 at 6pm

Virtual and live events throughout
the week

Visit the UCAN website

CREP Business Stakeholder Meeting

September 22, 2021 : Post Event Survey

1. How would you rate the meeting?



2. Would the Community Renewable Energy Program be valuable to you as you pursue your sustainability goals?

- ☐ Yes
- ☐ No
- ☐ Maybe, I will have to think about it some more

[Survey Link](#)

1. Open the survey by clicking on link in the chat or using the QR code below
2. Use your mouse to click and drag the items into your preferred order – most important at the top and least important at the bottom

