



UTAH100 COMMUNITIES

Orientation & Update

Community Renewable Energy Agency

June 29, 2022

Agenda

- Vision and Background
- Overview and Key Requirements
- Voting
- Costs
- Agency Structure and Committees
 - Communications Committee
 - Low-Income Plan Committee
 - Program Design Committee
- Questions / Comments

Vision & Background

Community Renewable Energy Program for Homes and Businesses

Net-100% renewable electricity by 2030



Utah Community Renewable Energy Program

- A unique to Utah program that we are creating now following enabling legislation passed by the Utah legislature in 2019
- Creates a pathway for our residents and businesses in to choose net-100% renewable electrical energy as their power source by 2030
- Opportunity to influence decisions that will inject a significant amount of new renewable energy into the electric grid
- Substantially different than existing utility renewable energy options in scale, scope, and access
- Also called the “Utah 100 Program”



Overview and Key Requirements

Governance & Board	<p>“Reach a single joint decision on ... program issues” (voting)</p> <ul style="list-style-type: none"> *Cost sharing, budget, and payment schedule *Admin functions – procurement, accounting, noticing *Programmatic committees (Program Design, Low-Income Plan, Communications) 	R746-314-101(9)
Utility Agreement	<p>Stipulation of payment for third-party expertise for state regulators</p> <p>Stipulation of payment for noticing</p> <p>Termination charges</p> <p>Any initially proposed replaced asset</p> <ul style="list-style-type: none"> *Interpreting the net-100% goal 	<p>54-17-903(b)(i)(A)</p> <p>54-17-903(b)(i)(B)</p> <p>54-17-903(b)(ii)</p> <p>54-17-903(b)(iii)</p>
Program Application	<p>List of participating communities with customer class loads, forecasts</p> <p>Proposed ordinance language each community must adopt to participate</p> <p>Projected program rates and tariffs (rate design, quantifiable costs and benefits affecting utility only)</p> <p>Process for periodic (not more than annually) rate adjustment filings</p> <p>One plan per community addressing low-income programs and assistance</p> <p>Proposed solicitation process, form of opt out notices, implementation date, other materials</p> <p>Explanation how non-participating customers and the utility will not be subject to program liabilities/costs</p> <p>To approve, Commission must find: in public interest, may not result in shifting of costs or benefits to nonparticipants</p>	<p>R746-314-401(3)(a),(b),(d)</p> <p>R746-314-401(3)(c)</p> <p>R746-314-401(3)(e),(g)</p> <p>R746-314-401(3)(f)</p> <p>R746-314-401(3)(j)</p> <p>R746-314-401(3)(k)(l)(m)(n)</p> <p>R746-314-401(3)(o)</p> <p>R746-314-401(4)(b),(5)(b)</p>
Program Adoption	<p>After Commission approval, an eligible community identified in the application must pass ordinance within 90 days</p> <p>Resource solicitation and acquisition, as approved</p> <p>First and second opt-out notices as approved ~60 days before commencement (in person for customers over 1 MW)</p> <p>Cancellation period for three billing cycles following commencement, after which termination fee, if any, applies</p> <p>Continued resource solicitation and acquisition and rate adjustments until net-100% renewable goal is reached</p>	<p>54-17-903(2)(c),(3)</p> <p>R746-314-301,302</p> <p>R746-314-305,306</p>

Major milestones (timeline is subject to change)

Summer - Fall 2021

1

Launch Agency and put essential structure in place

2023

4

Upon program approval, communities pass ordinance to enter program

Fall 2021 - Summer 2022

2

Design program: rates, cost projection, etc. Develop low-income plans

2023-2024

5

First renewable energy procurement, program begins

Second half of 2022

3

RMP files Program Application for State review & approval

Before utility bills reflect program

6

Customer are notified about program, choice to opt-out

Governance Agreement: Voting

The Governance Agreement: Voting

Governance Agreement 2(b)

Pre-Implementation Voting

Majority of communities with the option for 2 to call for a weighted vote.

The vote will be weighted by “participation percentage,” which changes throughout the timeline.

Participation Percentage:
Original weights,
Phase 1 Payment Obligation,
Phase 2 Payment Obligation,
Participating Electric Load

Post-Implementation Voting

Changing Program Elements:
Supermajority of communities and majority of electric load

Procuring New Resources:
Majority of communities and majority of Electric Load (Unless 10% or more; then supermajority of both)

Other Votes: Majority of communities, with the option to call for a vote weighted by electric load

Pre-Implementation Voting

General Votes

- Must be taken at a meeting with a quorum
- Requires at least a **majority of Board Members** present and voting

Weighted Votes

- If any two Board Members call for a weighted vote, then requires at least a **majority of participation percentage**

What is the Participation Percentage?

From the Effective Date to September 30, 2021

- This is the “Original Weight”
- Based on each party’s average of population and electric load, in relation to all other parties who sign onto the agreement

From October 1, 2021 to Program Submittal Date

- Based on each party’s Phase 1 payment obligation, which includes Phase 1 initial payments and any Phase 1 anchor payments

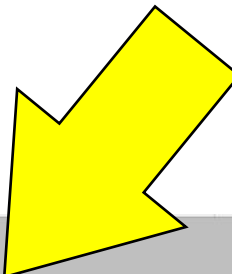
From Program Submittal Date to the end of the Implementation Period

- Based on each party’s Phase 2 payment obligation, which includes Phase 2 initial payments and any Phase 2 anchor payments

After the Implementation Period

- Based on each party’s share of participating customer electric load

Current Participation Percentages



				7/11/2022							
	Signed Agreement to Secretary	Date Deemed Withdrawn	Listed Entities:	Phase 1 Initial Payment Obligation of Listed Entities Who Are Members as of Meeting Date Above	Phase 1 Anchor Proportionate Shares, based on Max Anchor Payments	Phase 1 Initial Payment Obligation of Listed Entities Who Are Not Members as of Meeting Date Above	Non-member Phase 1 Payment Obligation Distributed Proportionally Among Anchors	Total Phase 1 Payment Obligations as of Meeting Date Above	Participation Percentage for Weighted Vote as of Meeting Date Above	Yes vote on Resolution XX-XX Weighted Vote?	Total Yes Percentage on Resolution XX-XX
1	7/1/2021		Grand County	2,109.37	1.49%	\$ -	\$ 1,919.05	\$ 4,028.42	1.15%		0.00%
2	10/1/2021		Salt Lake County	11,570.26	0.00%	\$ -	\$ -	\$ 11,570.26	3.31%		0.00%
3	7/1/2021		Summit County	10,759.97	7.61%	\$ -	\$ 9,789.14	\$ 20,549.11	5.87%		0.00%
4	7/1/2021		Town of Alta	218.93	0.00%	\$ -	\$ -	\$ 218.93	0.06%		0.00%
5			Bluffdale City	0.00	0.00%	\$ 11,088.57	\$ -	\$ -	0.00%		0.00%
6	7/1/2021		Town of Castle Valley	106.74	0.08%	\$ -	\$ 97.11	\$ 203.85	0.06%		0.00%
7	4/28/2022		Coalville City	562.99	0.00%	\$ -	\$ -	\$ 562.99	0.16%		0.00%
8	7/1/2021		Cottonwood Heights	10,942.10	0.00%	\$ -	\$ -	\$ 10,942.10	3.13%		0.00%
9	6/13/2022		Emigration Canyon Township	456.22	0.00%	\$ -	\$ -	\$ 456.22	0.13%		0.00%
10	8/3/2021		Francis City	421.54	0.00%	\$ -	\$ -	\$ 421.54	0.12%		0.00%
11	7/1/2021		City of Holladay	9,387.72	0.00%	\$ -	\$ -	\$ 9,387.72	2.68%		0.00%
12			Kamas City	0.00	0.00%	\$ 743.49	\$ -	\$ -	0.00%		0.00%
13	7/13/2021		Kearns	9,606.01	0.00%	\$ -	\$ -	\$ 9,606.01	2.74%		0.00%
14	7/1/2021		Moab City	2,237.95	1.58%	\$ -	\$ 2,036.03	\$ 4,273.98	1.22%		0.00%
15	7/1/2021		Millcreek	18,421.40	13.03%	\$ -	\$ 16,759.30	\$ 35,180.70	10.05%		0.00%
16	4/28/2022		Oakley City	520.00	0.00%	\$ -	\$ -	\$ 520.00	0.15%		0.00%
17	7/28/2021		Ogden City	35,737.26	0.00%	\$ -	\$ -	\$ 35,737.26	10.21%		0.00%
18			City of Orem	0.00	0.00%	\$ 31,019.52	\$ -	\$ -	0.00%		0.00%
19	7/13/2021		Park City	6,742.38	4.77%	\$ -	\$ 6,134.03	\$ 12,876.41	3.68%		0.00%
20	7/1/2021		Salt Lake City	101,050.33	71.45%	\$ -	\$ 91,932.90	\$ 192,983.23	55.14%		0.00%
21	7/1/2021		Town of Springdale	481.26	0.00%	\$ -	\$ -	\$ 481.26	0.14%		0.00%
22			West Jordan City	0.00	0.00%	\$ 37,916.77	\$ -	\$ -	0.00%		0.00%
23			West Valley City	0.00	0.00%	\$ 47,899.22	\$ -	\$ -	0.00%		0.00%
	7/1/2021			221,332.43	100.00%	\$ 128,667.57	128,667.57	\$ 350,000.00	100%		0.00%

Post-Implementation Voting

Altering Program Elements

- Required of all participating communities, not just those at a meeting
- Requires **at least 2/3 of Board Members AND at least a majority of participation percentage**

Renewable Resource Votes

- Required of all participating communities, not just those at a meeting
- With experts, as appropriate, calculate the **Incremental Rate Impact** of the new resource in conjunction with all other previously-approved resources
- If the calculated impact is **less than 10%, requires at least a majority of Board Members AND at least a majority of participation percentage**
- If the calculated impact is **10% or greater, requires at least 2/3 of Board Members AND at least 2/3 of participation percentage**

Pre-Implementation Voting

Effective Date – Sep 30, 2021	Oct 1, 2021 - Submittal	Submittal – Order	Order – End of Implementation Period
Simple Community Majority Vote	Simple Community Majority Vote	Simple Community Majority Vote	Simple Community Majority Vote
Option for Weighted Vote	Option for Weighted Vote	Option for Weighted Vote	Option for Weighted Vote
Participation Percentage = Average of Population & Electric Load	Participation Percentage = Phase 1 Payment Obligation	Participation Percentage = Phase 2 Payment Obligation	Participation Percentage = Phase 2 Payment Obligation

Post-Implementation Voting

After Implementation Period
Program Design Vote - Supermajority of Communities - Majority of Electric Load
Renewable Resource Vote (<10%) - Majority of Communities - Majority of Electric Load
Renewable Resource Vote (≥10%) - Supermajority of Communities - Supermajority of Electric Load

Primary Vs. Alternate Board Members

Primary Board Member

- Must be elected
- If present, the Primary Board member casts the Party's vote

Alternate Board Member

- Does not have to be elected
- When Primary board member is absent, the Alternate has all the privileges of the Primary Board member

Governance Agreement: Costs

Program Implementation Expenses

Why do local governments need to pay to implement the Community Renewable Energy Program?

The state law says: “may not result in any **shift of costs or benefits** to any nonparticipating customer, or any other customer of the qualified utility beyond the participating community boundaries”

Estimated high-end cost estimate: \$700K (apart from noticing costs)

- \$300K for legal and technical consultants, directed by participating communities
- \$200K for Rocky Mountain Power program design and filing
- \$200K for state regulators to contract third-party expertise

The noticing cost estimate is the cost per notice multiplied by the number of customers in each jurisdiction, to reimburse RMP for the cost of sending notices.

Cost Sharing

How will the estimated maximum \$700K cost be shared?

Based on a calculation that averages each community's share of total eligible population and total electric load, spread over two fiscal years.

How will noticing costs (mailers) be covered?

These costs are directly traceable to the number of customers in each jurisdiction, so they will be paid by the local governments who decide to participate in the program.

Please see budget guidance on the following slide.

Missing the number of customers for Coalville – will be updated when available.

List of Eligible Communities	Cost Allocation % (Population and Electric Load)	Total Non-Noticing Costs (\$700,000)	Budget Guidance for Phase 1 Costs Cities:FY22 Counties:FY21-22	Budget Guidance for Phase 2 Costs Cities:FY23 Counties:FY22-23	Total Est. Noticing Costs (Two Mailers * # Customers)	Budget Guidance for Noticing Cities:FY24-25 Counties:FY23-24
Alta	0.063%	437.87	218.93	218.93	206.27	206.27
Bluffdale	3.168%	22,177.13	11,088.57	11,088.57	4,236.10	4,236.10
Castle Valley	0.030%	213.49	106.74	106.74	207.07	207.07
Coalville	0.161%	1,125.98	562.99	562.99	-	-
Cottonwood Heights	3.126%	21,884.21	10,942.10	10,942.10	11,497.77	11,497.77
Emigration Canyon Township	0.130%	912.45	456.22	456.22	480.24	480.24
Francis	0.120%	843.08	421.54	421.54	489.00	489.00
Grand County Unincorporated	0.603%	4,218.74	2,109.37	2,109.37	2,435.42	2,435.42
Holladay	2.682%	18,775.45	9,387.72	9,387.72	10,147.86	10,147.86
Kamas	0.212%	1,486.98	743.49	743.49	758.18	758.18
Kearns	2.745%	19,212.02	9,606.01	9,606.01	8,376.64	8,376.64
Millcreek	5.263%	36,842.80	18,421.40	18,421.40	19,721.50	19,721.50
Moab	0.639%	4,475.90	2,237.95	2,237.95	2,780.27	2,780.27
Oakley	0.149%	1,040.00	520.00	520.00	574.21	574.21
Ogden	10.211%	71,474.53	35,737.26	35,737.26	29,136.66	29,136.66
Orem	8.863%	62,039.05	31,019.52	31,019.52	27,402.88	27,402.88
Park City	1.926%	13,484.75	6,742.38	6,742.38	8,338.41	8,338.41
Salt Lake City	28.872%	202,100.63	101,050.32	101,050.32	78,221.00	78,221.00
Salt Lake County Unincorporated	3.306%	23,140.51	11,570.26	11,570.26	9,805.40	9,805.40
Springdale	0.138%	962.53	481.26	481.26	491.38	491.38
Summit County Unincorporated	3.074%	21,519.95	10,759.97	10,759.97	10,591.46	10,591.46
West Jordan	10.833%	75,833.53	37,916.77	37,916.77	30,484.19	30,484.19
West Valley City	13.685%	95,798.44	47,899.22	47,899.22	35,945.17	35,945.17
	100.000%	\$ 700,000.00	\$ 350,000.00	\$ 350,000.00	\$ 292,327.07	\$ 292,327.07

Cost Sharing

Will the cost for my local government change depending on what other local governments decide?

No. Based on feedback, we developed a concept whereby a handful of communities make an “anchoring” financial commitment that automatically fills the gap left by any community who decides not to join.

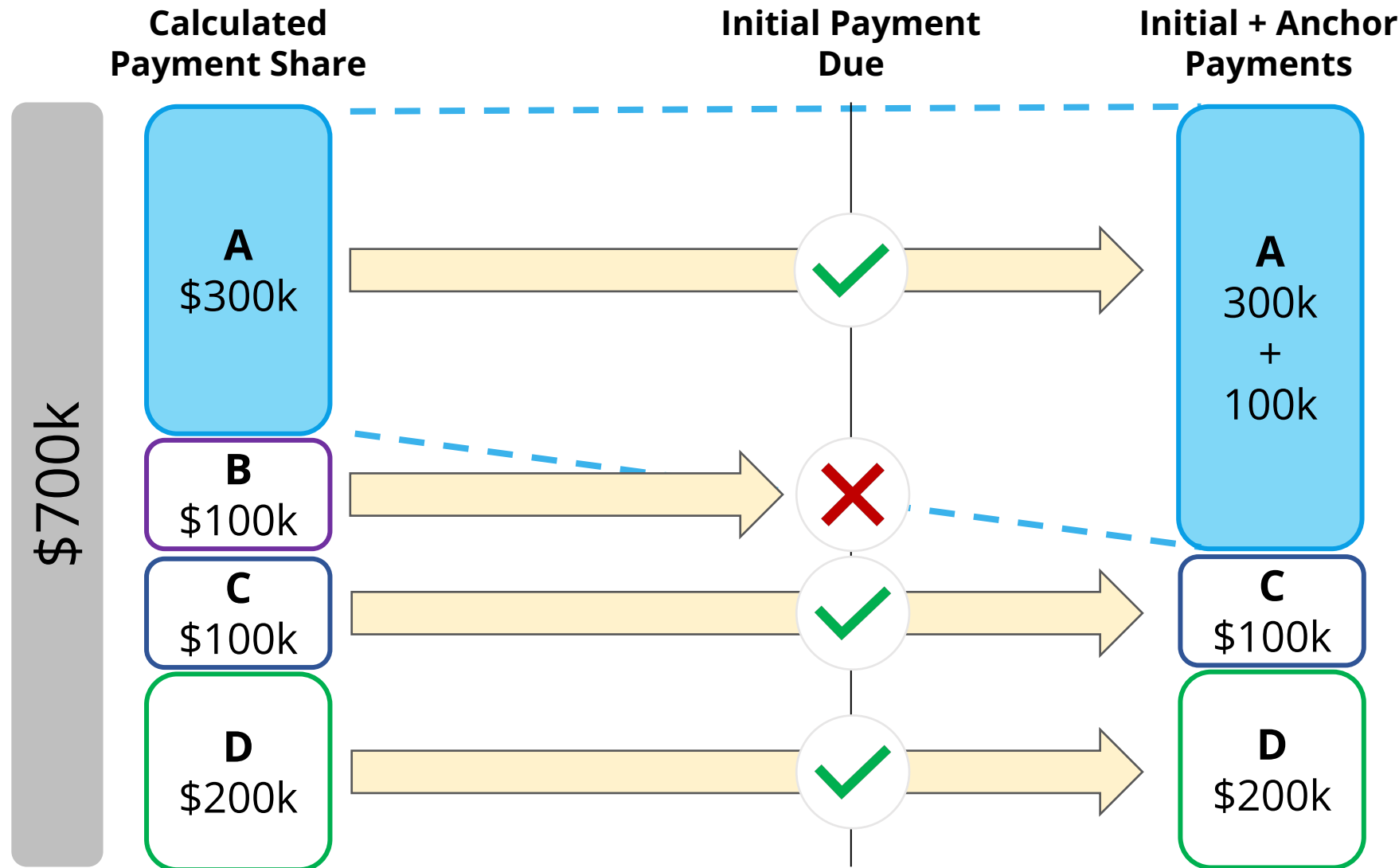
How does the anchor commitment work?

- Anchor communities commit to maximum financial amounts that collectively equal the entire \$700K implementation cost.
- As non-anchor communities join, the anchor payment shrinks proportionally to the size of each local government’s maximum anchor commitment.

When are anchor payments due?

- Phase 1 – Oct 31, 2021 for cities and Jan 31, 2022 for counties
- Phase 2 – Oct 31, 2022 for cities and Jan 31, 2023 for counties

"Community A" Anchor Simplified Illustration



Payment Dates

2022-2023

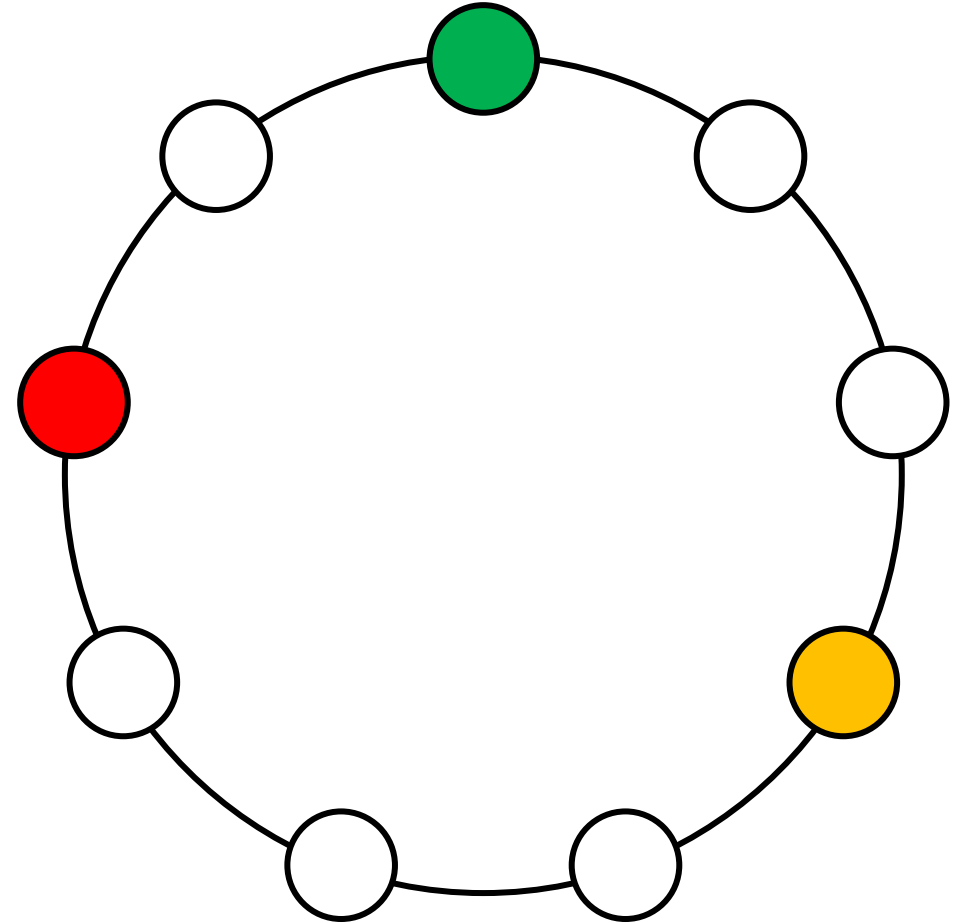
- **By May 31, 2022:** For those who want to wait and see, this is the last chance to sign on and make the Phase 1 payment
- **By July 31, 2022:** Phase 2 initial payments due
- **By Oct 31, 2022 for Anchor Communities that are municipalities:** Phase 2 anchor payments due, adjusted for Phase 1 actual payments
- **By Jan 31, 2023 for Anchor Communities that are counties:** Phase 2 anchor payments due, adjusted for Phase 1 actual payments

Agency Structure and Committees

The Community Renewable Energy Board - Cooperative

"It is the intention of the Parties that the officers of the Agency will periodically be elected as set forth in the Bylaws, and that each Party will offer qualified employees to serve as potential officers of the Agency in order to equitably share administrative burdens and costs."

- Accounting and payments
- Public noticing and record-keeping
- Retaining and managing consultants





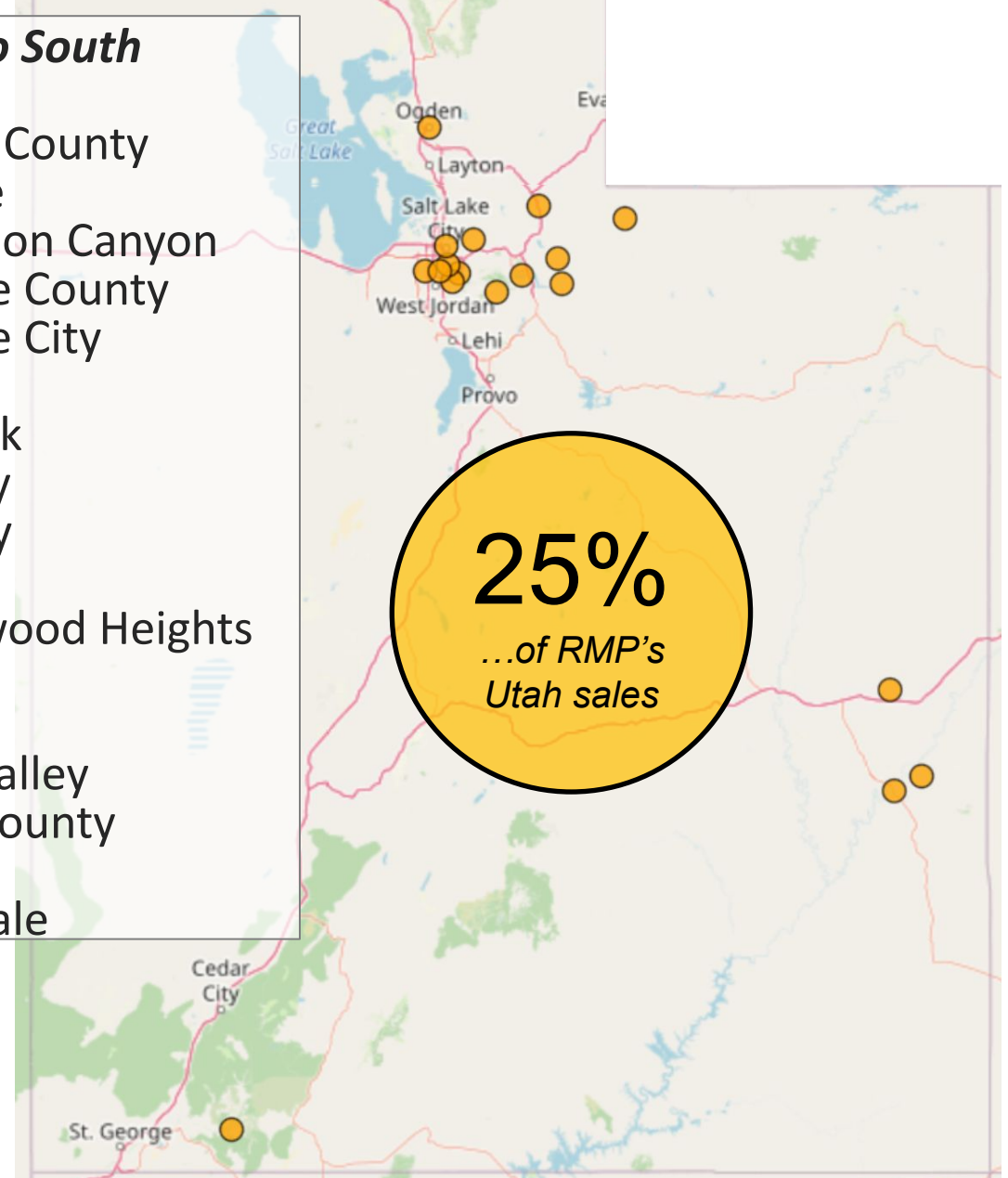
Agency Participation Status

Class	Electric Sales (Million MW-hours)
Residential	1.9
Commercial	3.2
Industrial	1.2
Other	.037
TOTAL	6.3 Million

Participating Communities (18)

North to South

Ogden
Summit County
Coalville
Emigration Canyon
Salt Lake County
Salt Lake City
Oakley
Millcreek
Holladay
Park City
Kearns
Cottonwood Heights
Francis
Alta
Castle Valley
Grand County
Moab
Springdale



Community Renewable Energy Agency Structure

Community Renewable Energy Agency

- Interlocal Government Body
- 18 communities joined
- Outside counsel & energy consultants

Board of Directors

- 2 board members per community
- Monthly Meetings
- Officers:
 - Chair: Dan Dugan, Salt Lake City
 - Vice Chair: Angela Choberka, Ogden
 - Treasurer: Jeff Silvestrini, Millcreek
 - Secretary: Emily Quinton, Summit County

Program Design Committee

Springdale, Ogden, Summit County, Park City, Millcreek, Holladay, Salt Lake City

- Coordinate and negotiate with RMP, other state agencies
- Bring recommendations to board regarding program design, utility agreement, key program design decisions

Low-Income Plan Committee

Ogden, Cottonwood Heights, Park City, Kearns, Summit County, Salt Lake City, Castle Valley

- Research, study, consult with community members to develop options for communities to adopt in their required low-income plans
- Support program design committee with recommendations around low-income components

Communications Committee

Alta, Moab, Cottonwood Heights, Holladay, Salt Lake City

- Manages website, supports Board with communications assets, develops press releases
- Will be critical to support communities with outreach & education before and during program launch

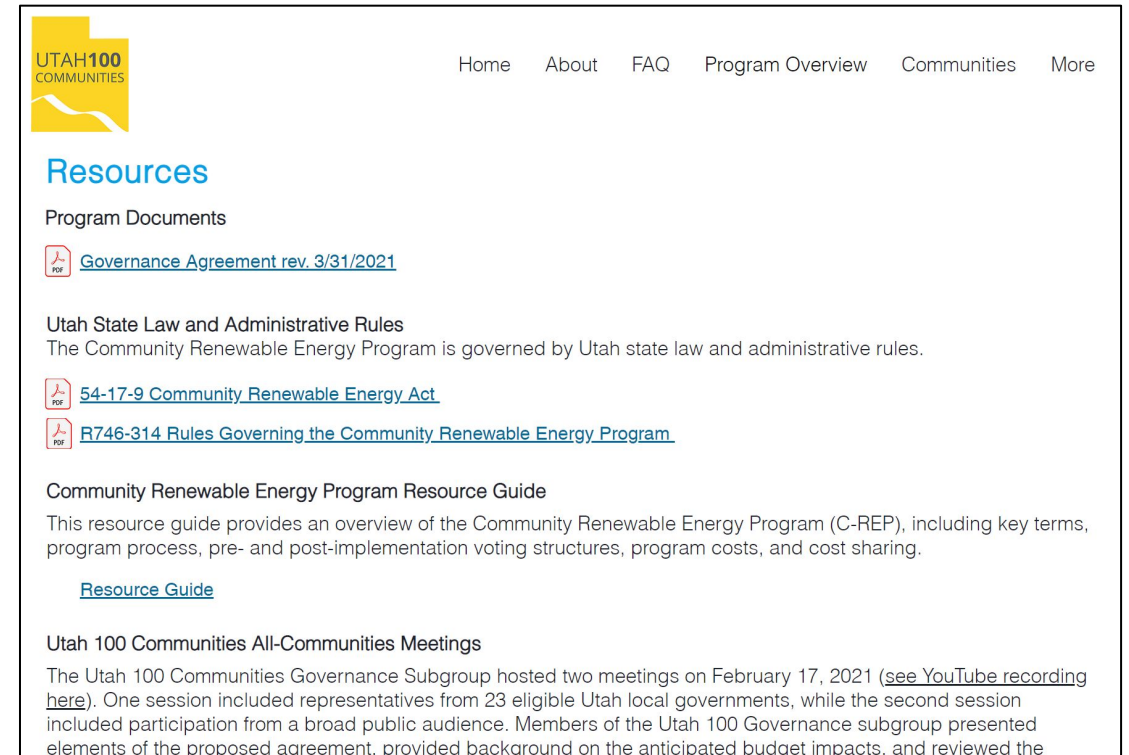
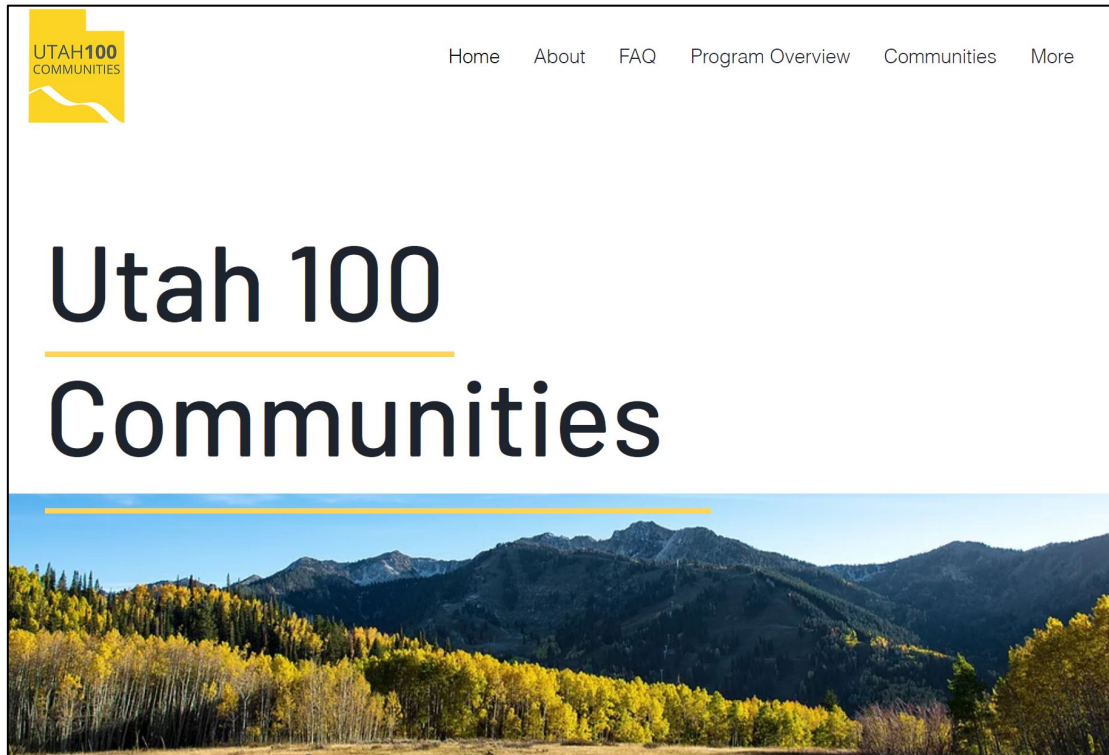
Communications Committee

Communications Committee Responsibilities

- Update and maintain utah100communities.org, monthly newsletter, social media platforms and other communications channels.
- Coordinate joint press releases, media interviews, social media campaigns
- Facilitate public awareness events
- Appointed communities: Alta, Cottonwood Heights, Salt Lake City, Holladay
- Meets once each month

[Resolution No. 21-09](#)

Utah100Communities.org Website



<https://m.facebook.com/utah100communities>



<https://instagram.com/utah100communities/>

Low-Income Plan Committee

Low-Income Plan Requirement

- One step in setting up the Community Renewable Energy Program is submitting an application for approval to the Public Service Commission, outlining various details of our proposed Program.
- As part of this application, each participating community is required to prepare a low-income plan, per the legislation which authorized this Program's creation.

(2) The application shall include:

(a) the names of each municipality and county to be served by the community

renewable energy program;

(b) a map of the geographic boundaries of each municipality and county;

(c) the number of customers served by the qualified utility within those boundaries;

(d) projected rates for participating customers that take into account:

(i) the estimated number of customers expected to participate in the program;

(ii) the quantifiable costs and benefits to the qualified utility and all of the qualified utility's customers in their capacity as ratepayers of the qualified utility, excluding costs or benefits that do not directly affect the qualified utility, including as applicable:

(A) replaced assets;

(B) auxiliary services; and

(C) new renewable energy resources used to serve the community renewable energy program; and

(iii) the ongoing costs at the time of the application;

(e) the agreement entered into with the qualified utility under Section 54-17-903;

(f) a proposed plan established by the participating community addressing low-income programs and assistance;

Low-Income Plan Committee Responsibilities

- Research and compile a list of best practices for protecting low-income customers from potential bill impacts
- Collaborate with community members and other committees on low-income customer engagement
- Prepare a list of recommended elements to be included in community low-income plans
- Appointed communities: Castle Valley, Cottonwood Heights, Kearns, Ogden, Park City, Salt Lake City, Summit County
- Meets 1-2 times monthly

Program Design Committee

Program Design Committee Basics

- Works on program design matters with Rocky Mountain Power and state agencies with the help of outside consultants
- Appointed communities: Summit County, Holladay, Millcreek, Ogden, Park City, Salt Lake City, Springdale
- Meets 3-9 times per month
 - 3 committee meetings
 - 4 attorneys meetings
 - 1 or 2 meetings with Rocky Mountain Power and state agencies
- Outside counsel James Dodge Russell & Stephens; analytical consultant Energy Strategies

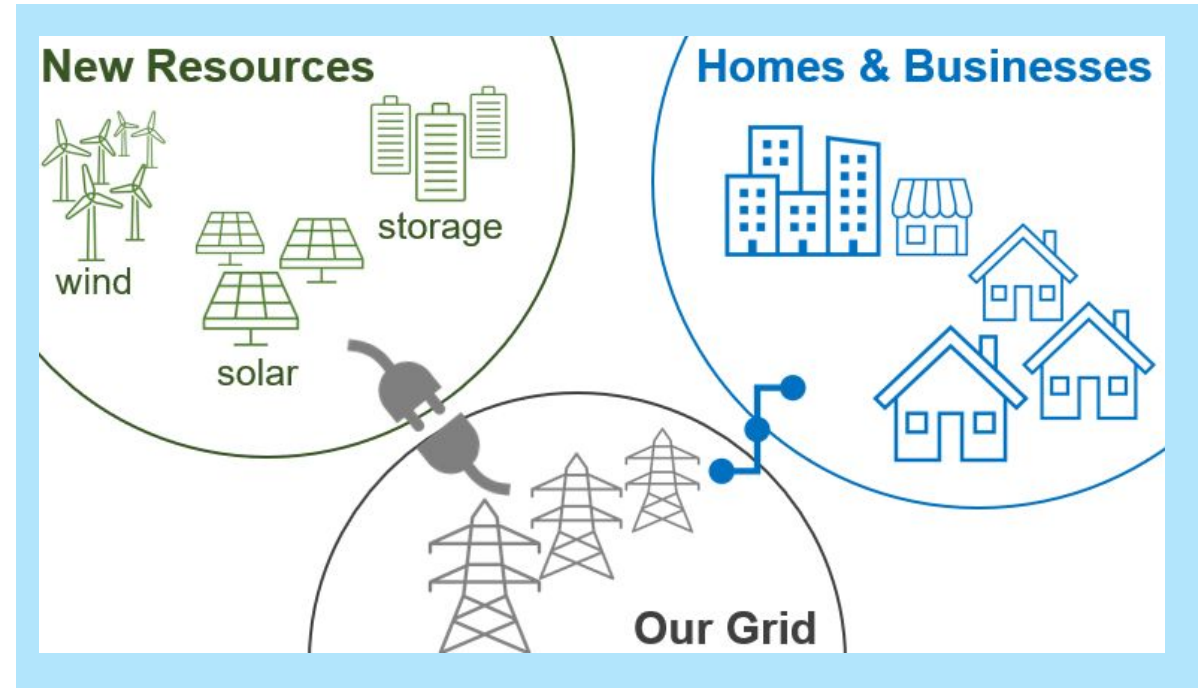
[Resolution 21-05](#)

[Resolution 21-06](#)

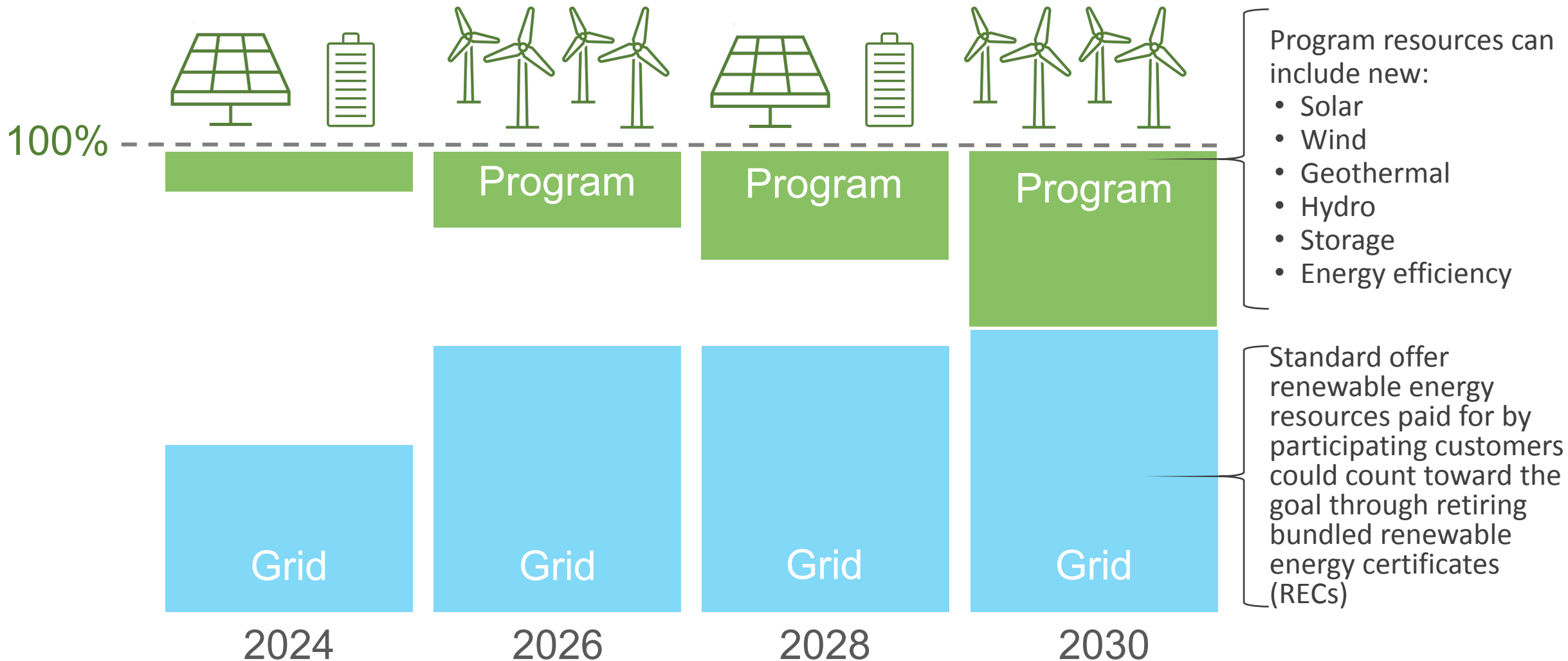
How will the program work?

Once the program is approved by the Utah Public Service Commission and ready to launch, participating communities will, in coordination with Rocky Mountain Power:

- procure new renewable energy resources &
- interconnect those resources to the RMP's system



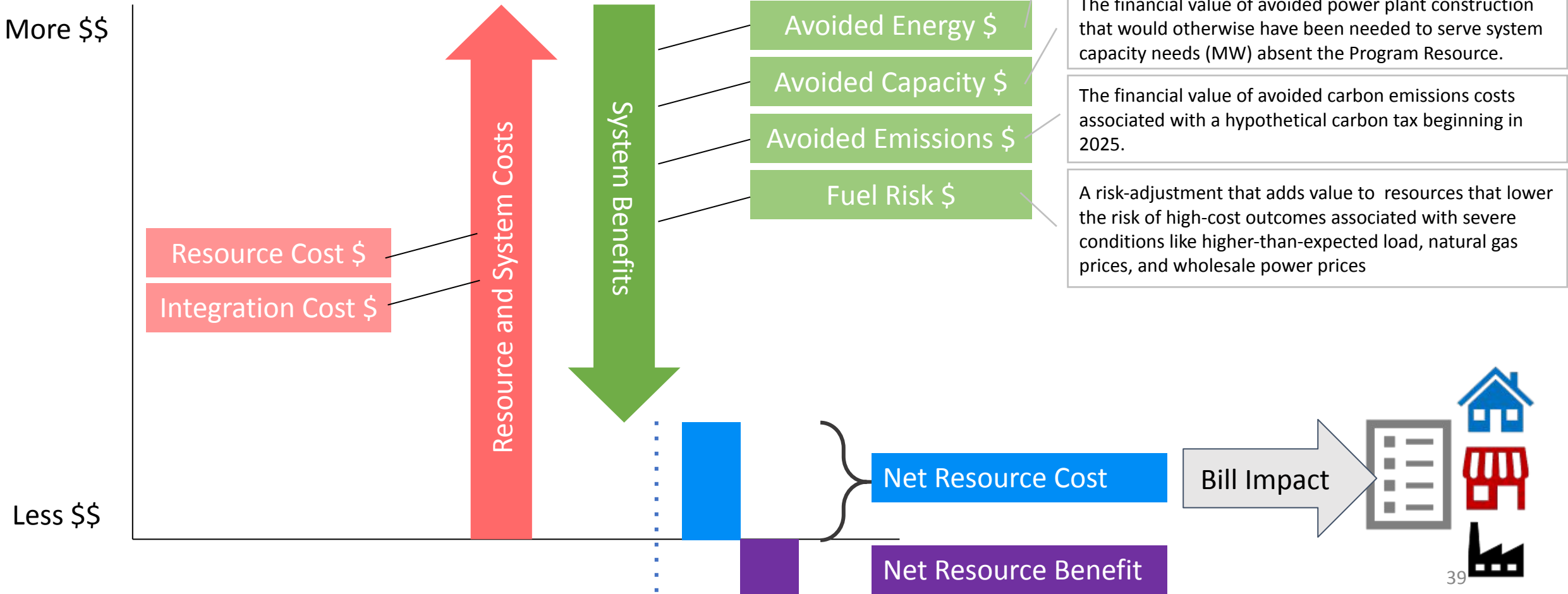
Program vision for achieving net-100% by 2030



Program Resource Valuation Possible Approach - working draft v2

External Factors:

- Multi-State Protocol allocation method among 6 states (including Utah)



Questions / Comments