

An aerial photograph of a large dam and reservoir situated in a deep, rugged canyon. The canyon walls are composed of layered, reddish-brown rock formations. The reservoir is a deep blue color, and the dam structure is visible in the lower center. The sky is a clear, pale blue.

SRP Integrated System Plan
Advisory Group:
Meet & Greet
Role Discussion/Orientation

November 18, 2021

Welcome

Kelly Barr

Associate General Manager Chief Strategy and Corporate Services & Sustainability Executive

Welcome SRP Board and Council Observers



John Hoopes
SRP Vice President



Randy Miller
SRP Board Member



Anda McAfee
SRP Board Member



Jack White
SRP Board Member



Larry Rovey
SRP Board Member



Suzanne Naylor
SRP Council Member



Rocky Shelton
SRP Council Member

SRP Integrated System Plan Project Team Leads



Kelly Barr

AGM Chief Strategy Corp Srvs & Sustainability (SRP) –
AGM Sponsor



Mike Jones

Senior Director Corporate Strategy,
Planning & Innovation (SRP)-
PCC Sponsor



Angie Bond-Simpson

Director, Integrated System
Planning & Support (SRP)-
ISP Project Lead



Jed Cohen

Integrated Planning Lead (SRP)-
ISP Project Co-Lead



Kyle Heckel

Senior Resource Analyst (SRP)-
ISP Project Manager



Domanique Cohen

Senior Resource Analyst (SRP)-
ISP Communications Lead



Joan Isaacson

Kearns & West, ISP Facilitator



Lakshmi Alagappan

E3, ISP Consultant

Safety & Sustainability Minute

Thanksgiving Safety & Sustainability

Parking Lot Safety

- Do not assume that drivers can see – vehicles have blind spots.
- Stay aware of your surrounding at all times.
- Keep your valuables locked in the trunk and out of sight.
- Slow Down!



Sustainability Tips

- End wasteful practices- Use reusable dinnerware, glasses and napkins.
- Combine several errands into one trip
- Compost kitchen scraps
- Plans for leftovers



Introduction

Angie Bond-Simpson

Director, Integrated System Planning & Support (SRP)

Meeting Objectives:

- Build relationships and get to know each other.
- Establish a high-level knowledge base of the Integrated System Planning process.
- Establish an understanding of the Advisory Group's role & responsibilities.
- Collaborate on a shared vision of the Integrated System Plan.

Advisory Group- Round Table Introductions

SRP Team

Consultants: Kearns & West and E3

Advisory Group Members

SRP Integrated System Plan Advisory Group

	Organization Name	Primary Representative	Secondary Representative
1	AZ Hispanic Chamber of Commerce	Monica Villalobos	Susette Coumides
2	A New Leaf	Michael Hughes	
3	American Association of Retired Persons (AARP)	Brendon Blake	
4	Arizona State University (ASU)	Gary Dirks	
5	AZ Arizona Public Interest Research Group (PIRG)	Diane Brown	
6	Building Owners and Managers Association (BOMA)	Amanda Forsmo	
7	Chicanos Por La Causa	Max Gonzales	
8	City of Phoenix	Karen Peters	
9	CMC Steel AZ	Garrett Kent	
10	CyrusOne	Todd Masters	
11	Environmental Defense Fund	Pam Kiely	Taylor Bacon
12	Intel	Marty Sedler	
13	Kroger	Denis George	
14	Local First	Kimber Lanning	Michael Peel
15	Mesa Public Schools	Scott Thompson	
16	PAC Worldwide	Mike Kunst	
17	Pinal County	James Smith	Himanshu Patel
18	SRP Customer Utility Panel (CUP)	Alton Washington	
19	Salt River Pima-Maricopa Indian Community (SRPMIC)	Martin Harvier	Gary Bohnee
20	Southwest Energy Efficiency Project (SWEEP)	Ellen Zuckerman	Caryn Potter
21	Western Resource Advocates (WRA)	Adam Stafford	
22	Wildfire	Cynthia Zwick	

Advisory Group Introductions

- Name, Organization, Role at Organization, Organization's Focus
- Fun fact about you
- Why did you say yes when invited to participate in the Advisory Group?

**Why
Yes!**

Why did you say YES when invited to participate in the Advisory Group?

A word cloud of reasons for participating in the Advisory Group. The words are arranged in a non-linear fashion, with varying sizes and colors. The most prominent words are 'collaborative solutions' (dark red), 'decarbonization' (dark blue), 'planning for future' (brown), and 'continuing partnership with srp' (dark blue). Other visible words include 'community' (teal), 'energy journey' (green), 'strong arizona' (olive), 'low income voices' (light blue), 'voice of small businesses' (teal), 'growth' (teal), 'sustainability' (dark blue), 'costs and rates' (purple), 'communication' (brown), 'educating youth' (green), 'good steward' (olive), 'affecting great change' (dark blue), and 'providing expertise' (purple).

low income voices voice of small businesses
energy journey planning for future
continuing partnership with srp
collaborative solutions
strong arizona decarbonization growth
sustainability community costs and rates
good steward educating youth communication
affecting great change
providing expertise

Agenda

Time		Topics	Presenter
1:00-1:10	10 mins	Welcome, Agenda Overview & Participation Opportunities	Kelly Barr (SRP) Joan Isaacson (Kearns & West) Angie Bond-Simpson (SRP)
1:10-1:50	40 mins	Advisory Group - Round Table Introductions	SRP Team Consultants: Kearns & West & E3 Advisory Group Members
1:50-2:15	25 mins	Introduction to the Integrated System Plan & Advisory Group Role	Angie Bond-Simpson (SRP)
2:15-2:30	15 mins	Q&A and Discussion	Joan Isaacson (Kearns & West) Angie Bond-Simpson (SRP)
2:30-2:55	25 mins	Roundtable Discussion: Long-Term Vision	Joan Isaacson, Facilitator (Kearns & West)
2:55- 3:00	5 mins	Next Steps & Wrap-up	Angie Bond-Simpson (SRP)

Guides for Productive Virtual Meetings

- Actively participate
- Be respectful of other perspectives
- Listen for understanding
- Stay concise to allow time for everyone to participate
- Enjoy the meeting!

Introduction to the Integrated System Plan

Angie Bond-Simpson
Director, Integrated System Planning & Support (SRP)



What is driving the need for an Integrated System Plan?



Customers goals and partnerships



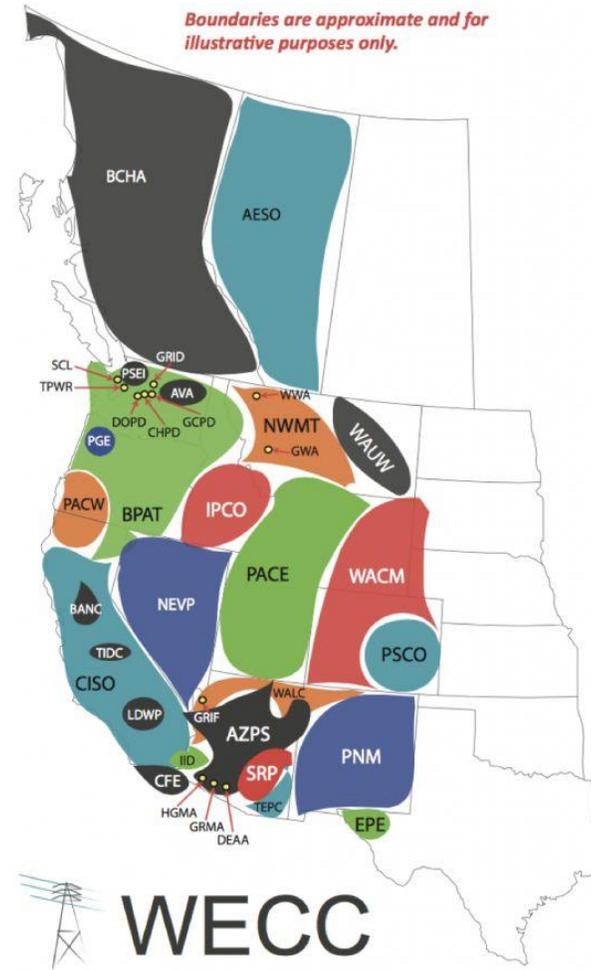
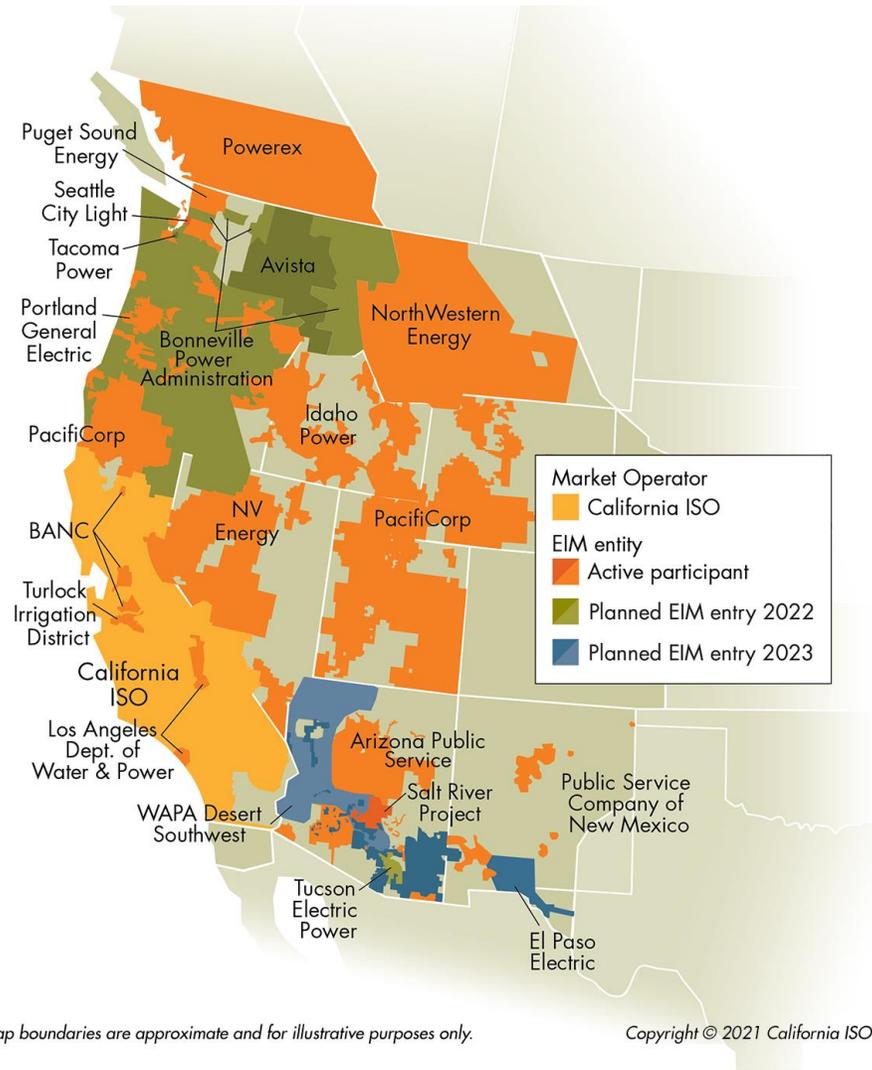
Advances in digital technologies



Batteries and other storage technology advancements



Climate change



Source: Western Electricity Coordinating Council

Regional Market

Bloomberg Green



Energy & Science

Blackouts Threaten Entire U.S. West This Summer as Heat Awaits

Outages are possible from Washington to New Mexico, with drought and searing temperatures forcing states to compete for electricity

By [Naureen S Malik](#), [David R Baker](#), and [Mark Chedlak](#)

May 13, 2021, 4:15 AM MST Updated on May 13, 2021, 11:59 AM MST

Los Angeles Times

BUSINESS

How an Oregon wildfire almost derailed California's power grid



The Buxting fire burns in southern Oregon on Saturday. (InuWeb)

SUBSCRIBERS ARE READING

LIFESTYLE

[FOR SUBSCRIBERS](#)

They turned a house full of cockroaches and code violations into a 'must have' home — and ADU

LIFESTYLE

The L.A. Times 2021 holiday gift guide

CALIFORNIA

[FOR SUBSCRIBERS](#)

Meet the formerly incarcerated fire crew protecting California from wildfires

CALIFORNIA

[FOR SUBSCRIBERS](#)

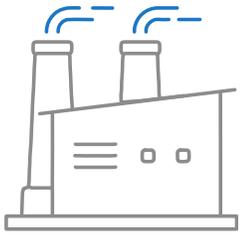
Colonialism, power and race. Inside California ethnic studies classes

BUSINESS

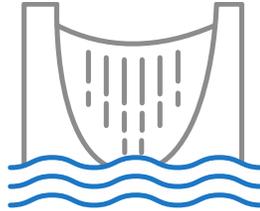
Cargo jam at L.A. and Long Beach ports begins to ease as hefty fines loom

Regional power shortages

SRP 2035 Sustainability Goals



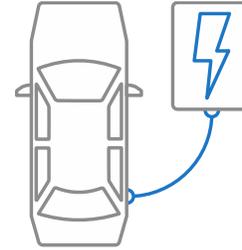
Carbon Footprint



Water Resiliency



Supply Chain & Waste Reduction



Customer & Grid Enablement

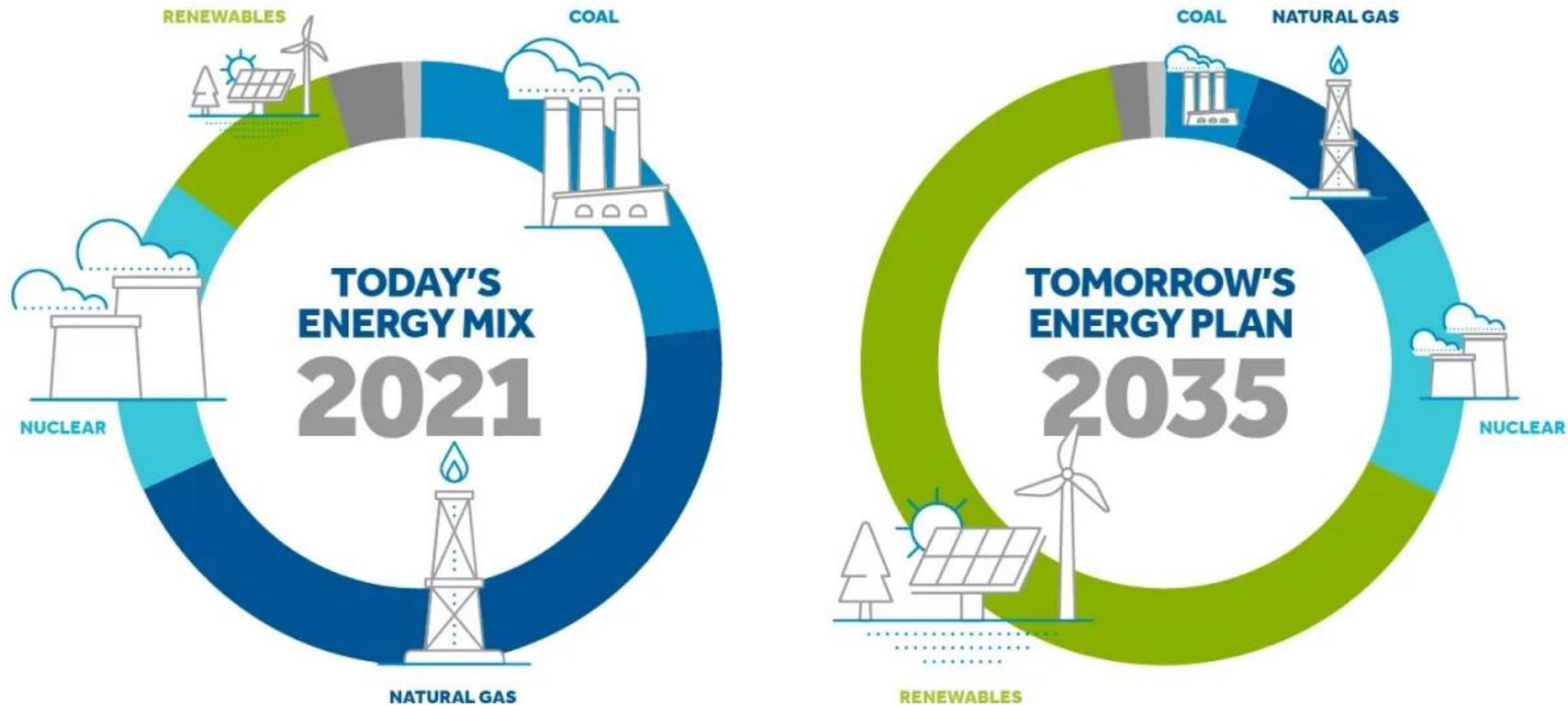


Customer, Community & Employee Engagement

Carbon Footprint:

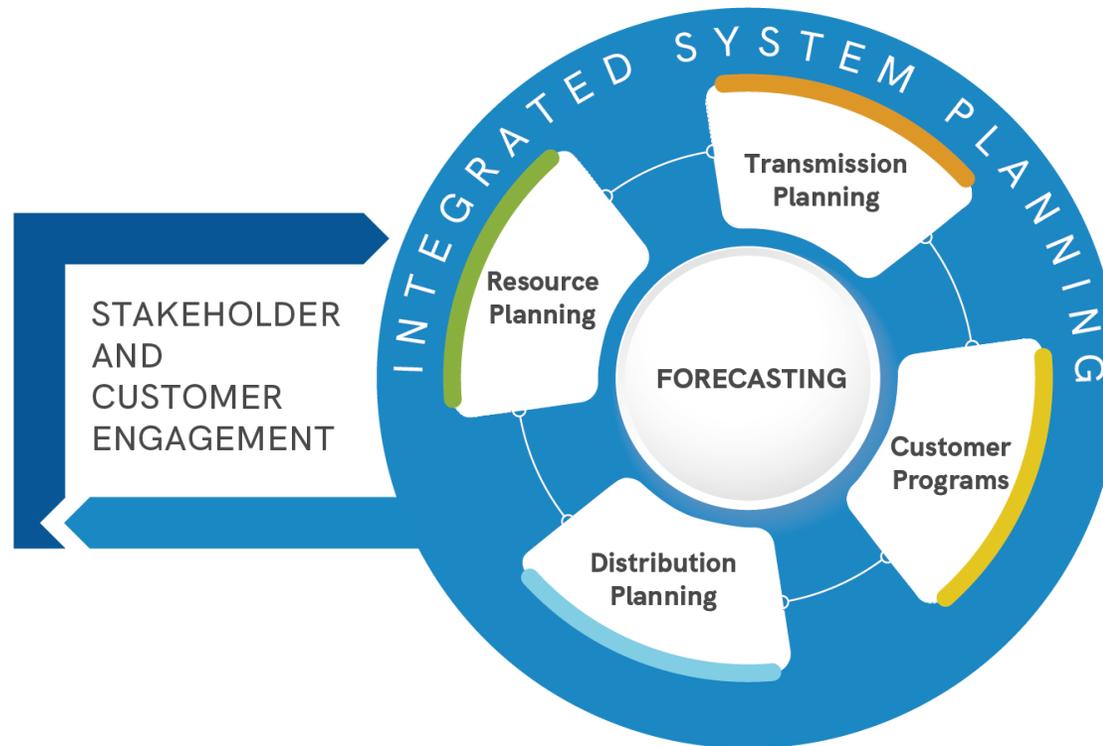
- Reduce the amount of CO₂ emitted by generation by 65% (per MWh) by 2035 from 2005 levels.
- Reduce carbon intensity by 90% by 2050 from 2005 levels.

SRP'S FUTURE ENERGY MIX: SUSTAINABLE. RELIABLE. AFFORDABLE.



SRP's Integrated System Plan

Planning a future system (2025-2035) that will enable us to achieve or exceed our 2035 goals, at the best customer value.





SRP ISP ROADMAP

Stakeholder Engagement
and Public Outreach

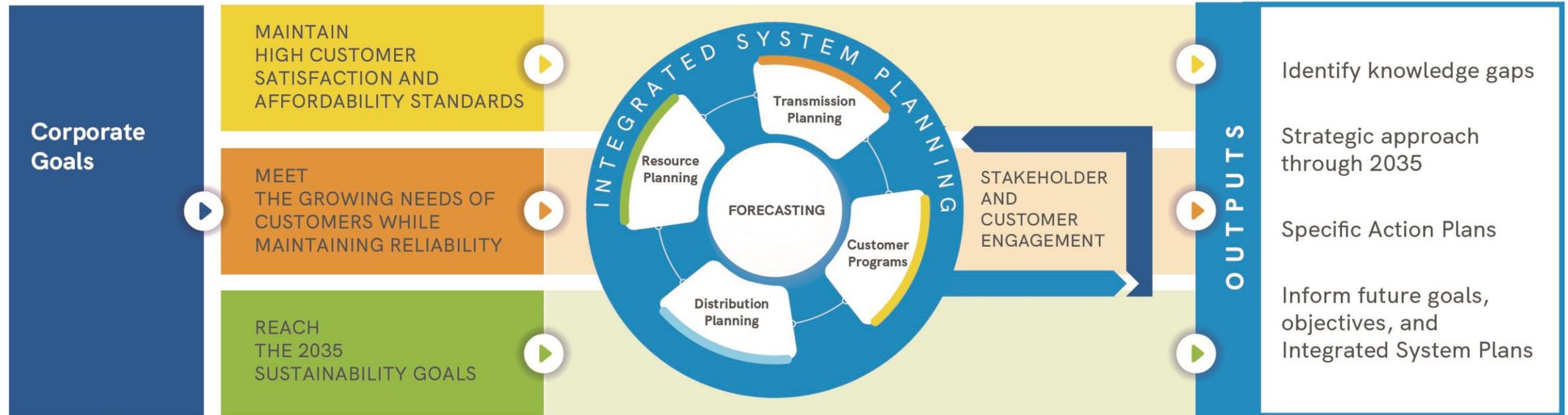
The Integrated Planning Process at SRP

Overarching Motivation

Specific Objectives

Analytical Processes: Integrated System Plan

The Way Forward



Current and Future Integrated System Plans

**2035 Sustainability
Goals &
Integrated Resource
Plan 2017-18**

Integrated System Plan 1

Foundational initial
plan
Sets up a
collaborative process
Identifies gaps,
customer needs and
goals

Integrated System Plan 2

Includes additional
topics
Improves
methodology
Addresses gaps

Integrated System Plan 3

Expands strategic
options
Considers
breakthrough
technologies

Integrated System Plan Planning Better, Planning Together

Integrated System Plan Planning Better, Planning Together

[We need your help](#) understanding the vision of the Integrated System Plan and what challenges we need to plan for from the perspective of your organization.



Integrated System Plan Stakeholder and Customer Engagement Framework

Stakeholder Group	Engagement Method
Advisory Group	<ul style="list-style-type: none"> • Focused engagement from a smaller diverse group • Regular meetings • ~20 representatives from diverse organizations • Role(s): Inform, Consult, and Involve
Large Stakeholder Group	<ul style="list-style-type: none"> • Large-scale public platform • 4 meetings planned • Over 100 organizations invited • Role(s): Inform and Consult
Technical Working Sessions	<ul style="list-style-type: none"> • Small groups convened on specific topics with topical experts • Single sessions scheduled as needed around topics of interest • Role(s): Consult
Customer Research	<ul style="list-style-type: none"> • Multi-pronged approach to include the customer voice • Surveys, customer preference elicitation, focus groups
Public Outreach	<ul style="list-style-type: none"> • An ongoing strategy to update and provide educational opportunities • News items, videos, social media, public events • Role(s): Inform

Role's definitions align with [IAP2 Spectrum of Public Participation](#)

What is the purpose of the Integrated System Plan Advisory Group?

Mission Statement:



The charge of the Advisory Group is to contribute wide-ranging expertise and perspectives into the Integrated System Plan, resulting in an end-product that integrates the diverse interests and values of the customers and communities that SRP serves.

What is the purpose of the Integrated System Plan Advisory Group?

Objectives:

- **Create a dialogue** around the Integrated System Plan
- **Include diverse perspectives** as input, guidance, and review for the Integrated System Plan
- **Provide a forum** for deep and technical discussion of the tradeoffs in energy system planning and the various perspectives to build support around the strategic directions and action plans
- **Focus communication** for the Large Stakeholder Group

Advisory Group Meeting Overview

Introductions

Meet & Greet- Role Discussion/Orientation
Nov. 18 [Virtual]

Planning Amidst Change
Dec. 6 [Virtual]

Scope of Analysis

Our Power Future, Together
January '22

Path Options
February '22

The Future Power System

Topic Exploration
May '22

The Way Forward

Insights From The Analysis
July '22

The Path Forward
October '22

Wrapping Up

Moving Forward Together
January '23

Q&A and Discussion

Roundtable Discussion: Long-Term Vision

Round Table Discussion Questions

How do you think your expectations and needs for electricity service will change in the future?

Round Table Discussion Questions

How do you think that SRP can help our customers and communities to reach their energy and sustainability goals?

Next Steps & Wrap-up

Angie Bond-Simpson
Integrated System Planning & Support (SRP)

Next Steps

Large Stakeholder Group

- ISP Large Stakeholder Group: Integrated System Plan Launch & Vision [Virtual]- November 30th 9:00AM-11:00PM (MST)

Advisory Group

- Planning Amidst Change Meeting [Virtual]- December 6th 3:00-5:00PM (MST)
- Our Power Future, Together - January 19th 9:00AM-1:00PM (MST)
- Path Options– February 15th 9:00AM-1:00PM (MST)



Stakeholder Communication Email:

IntSysPlan@srpnet.com

Integrated System Plan: Informational Portal

<https://srpnet.com/about/integrated-system-plan.aspx>