

Integrated System Plan Launch & Vision

November 30, 2021

Welcome

Kelly Barr

Associate General Manager Chief Strategy and Corporate Services & Sustainability Executive (SRP)

safety & sustainability minute

Arefeen Ahmed

Senior Engineer, Integrated System Planning & Support (SRP)

Ladder Safety

- Inspection
 - Before using a ladder, inspect it to confirm it is in good working condition
- Appropriate ladder selection and use for the job
 - Ladders should extend at least 3 feet above your roof or the surface you are attaching lights to.
 - Never stand higher than the fourth rung from the top on an extension ladder and second rung from the top on a step ladder

Sustainable Holiday Shopping

- Shop Local
- Recyclable wrapping paper
 - Avoid metallic or plastic wrapping papers



SRP Overview

SRP is a community-based, not-for-profit public power utility and the largest provider of electricity in the greater Phoenix metropolitan area, serving more than 1 million customers. SRP is also the metropolitan area's largest supplier of water, delivering about 750,000 acre-feet annually to municipal, urban and agricultural water users.



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

PLANNING TOGETHER, PLANNING BETTER

100+ community organizations invited to participate

Meeting Introduction

Joan Isaacson

Kearns & West Consulting, Chief Facilitator

Meeting Objectives:

- **Inform** on progress made since the last Summer Stakeholder Series Meeting.
- **Level set** on what to expect from the first Integrated System Plan.
- **Discuss** stakeholders' vision for the future.

Agenda

Time		Topics	Presenter
9:00 – 9:10	10 mins	Welcome and Opening Remarks	Kelly Barr (SRP) John Hoopes (SRP Vice President) Joan Isaacson (Kearns & West)
9:10 – 9:25	15 mins	Major Drivers and Vision of the Integrated System Plan	Angie Bond-Simpson (SRP)
9:25 – 9:40	15 mins	Q&A / Discussion	Joan Isaacson (Kearns & West)
9:40 – 9:50	10 mins	Engagement Opportunities	Angie Bond-Simpson (SRP)
9:50 – 10:05	15 mins	Q&A / Discussion	Joan Isaacson (Kearns & West)
10:05 – 10:40	35 mins	Breakout Session – Roundtable Discussions	Joan Isaacson (Kearns & West)
10:40 – 10:55	15 mins	Breakout Session – Report Out	Joan Isaacson (Kearns & West)
10:55 – 11:00	5 mins	Wrap-up and Next Steps	Angie Bond-Simpson (SRP)

Introductions

On the count of three. . .Type into chat:

Introductions

On the count of three. . .Type into chat:

What priority are you working on this week?

Guides for Productive Virtual Meetings

- Actively participate
- In plenary, use Hand and/or Chat to engage
- Be respectful of other perspectives
- 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



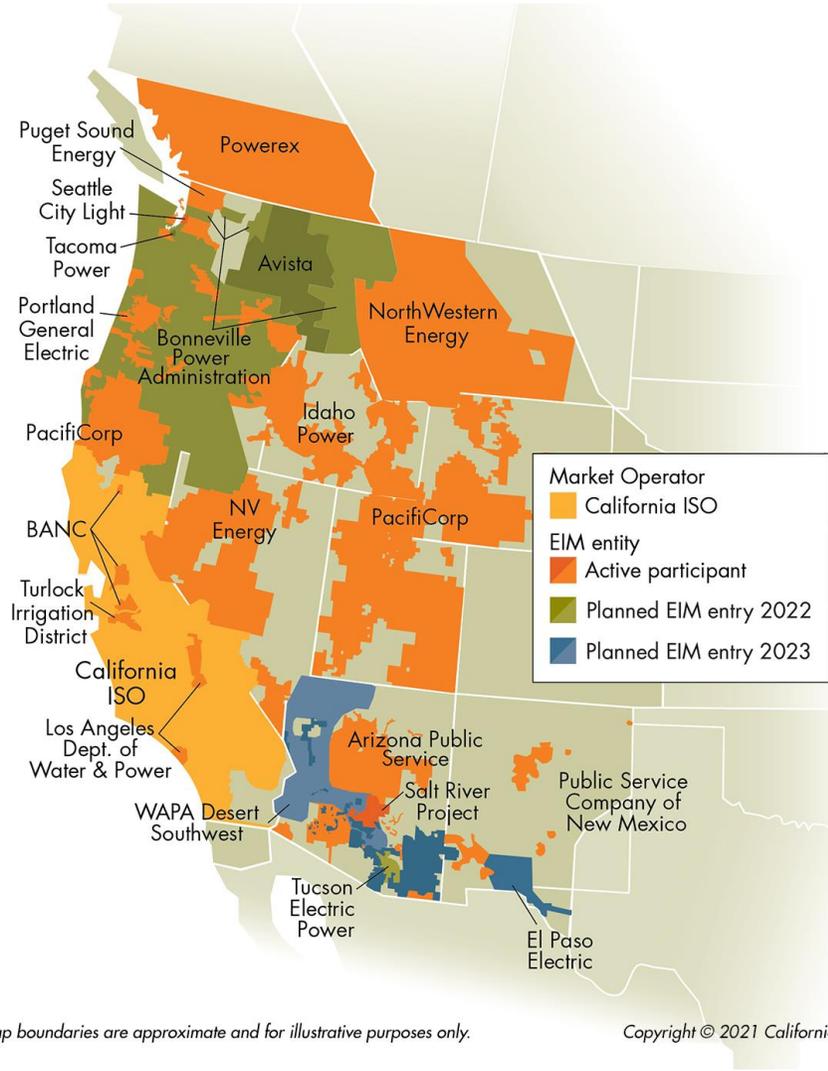
Advances in digital technologies



Batteries and other storage technology advancements



Climate change



Los Angeles Times

BUSINESS

How an Oregon wildfire almost derailed California's power grid



The Bootleg fire burns in southern Oregon on Saturday.

Bloomberg Green



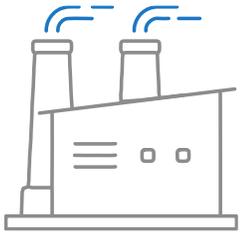
Energy & Science

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

SRP 2035 Sustainability Goals



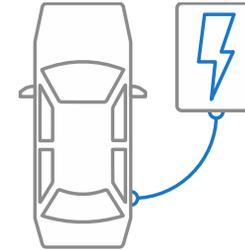
Carbon Footprint



Water Resiliency



Supply Chain & Waste Reduction



Customer & Grid Enablement

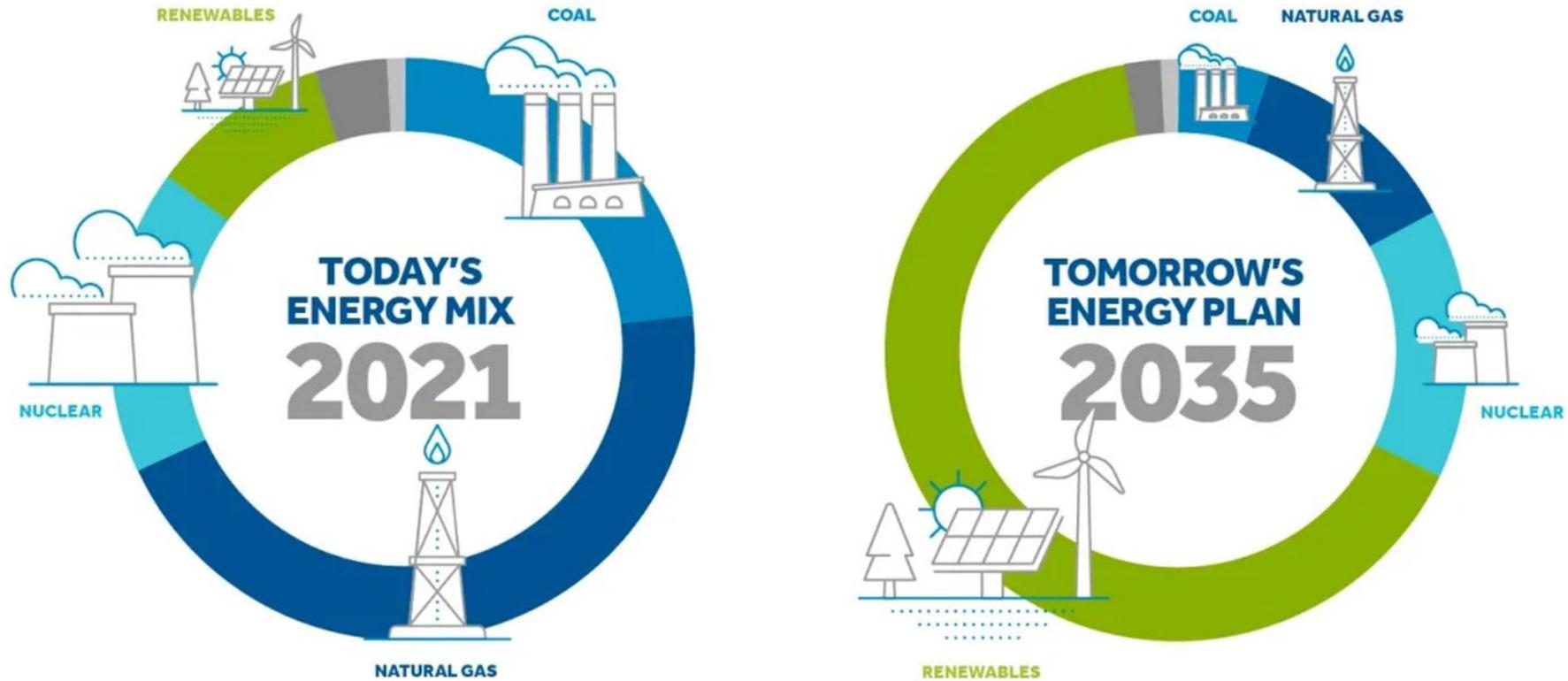


Customer, Community & Employee Engagement

Carbon Footprint:

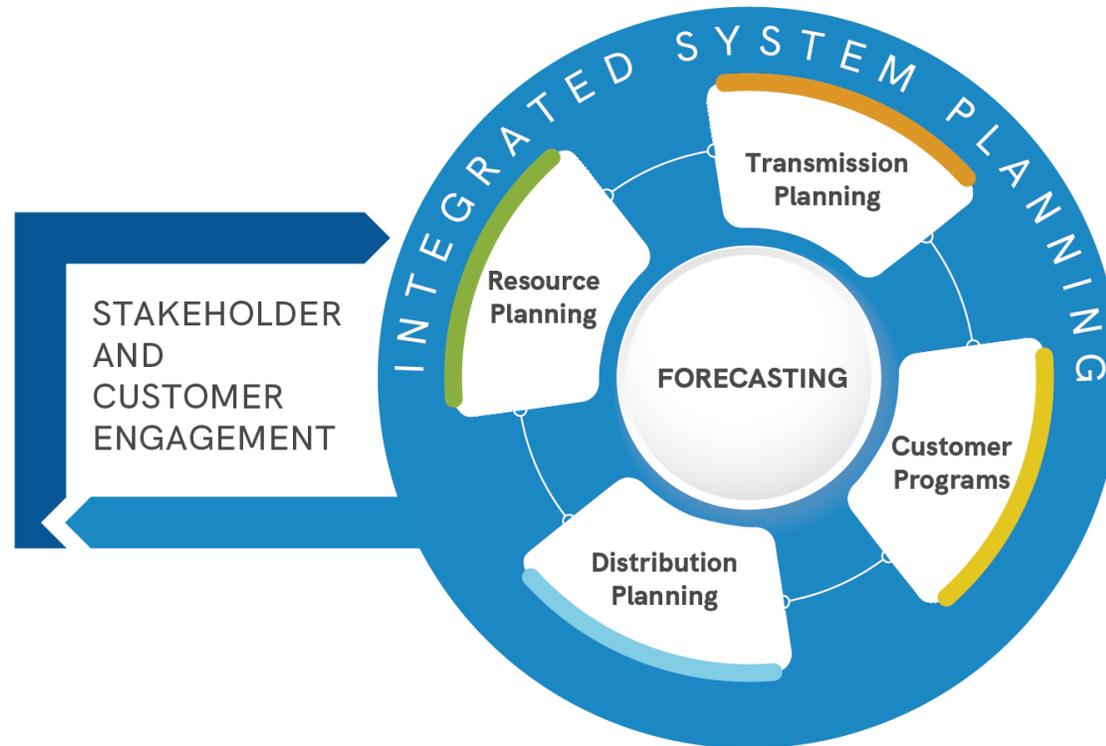
- Reduce the amount of CO2 emitted by generation by 65% (per MWh) from 2005.
- Reduce carbon intensity by 90% from 2005 levels by 2050.

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.



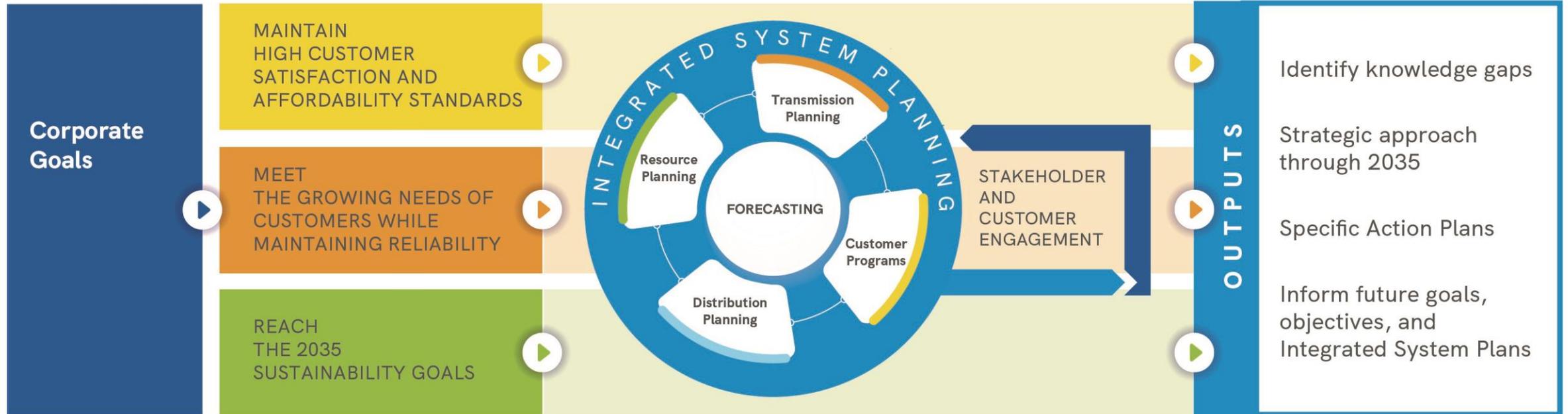
The Integrated Planning Process at SRP

Overarching Motivation

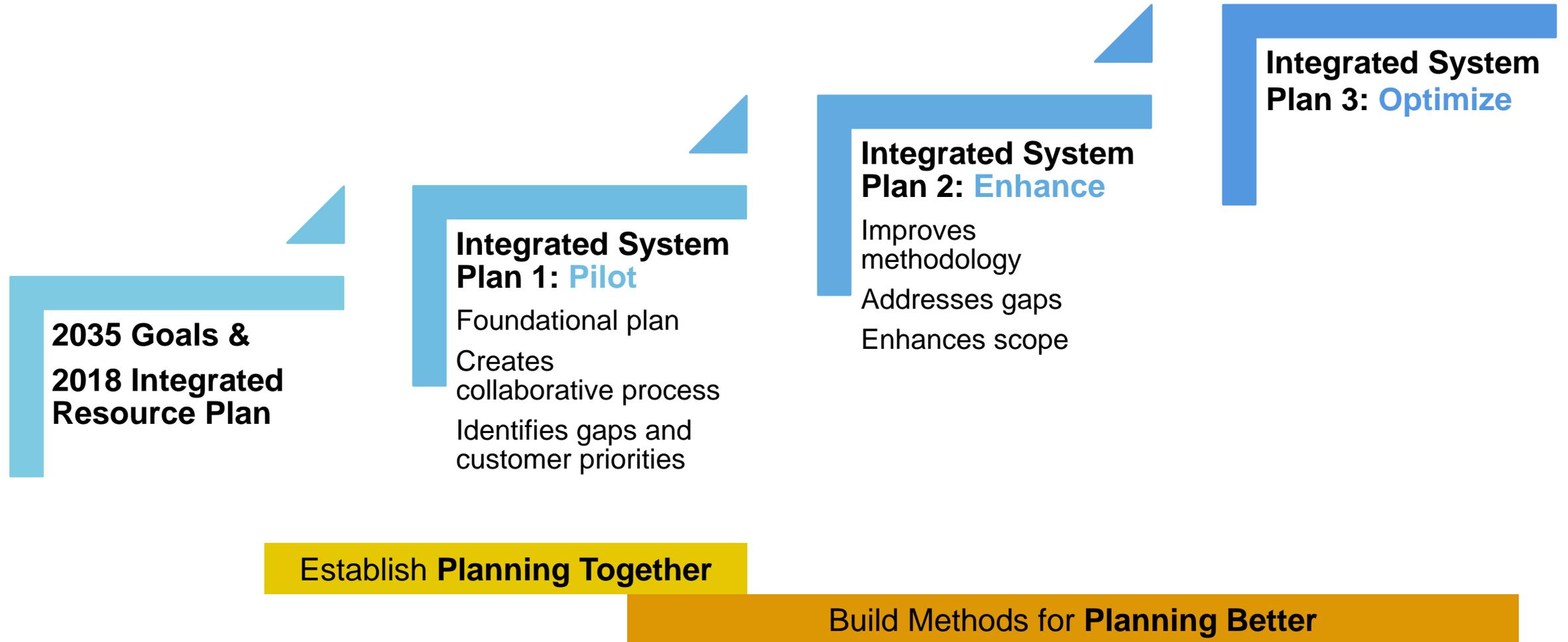
Specific Objectives

Analytical Processes: Integrated System Plan

The Way Forward



Current and Future Integrated System Plans



Q&A / Discussion

Engagement Opportunities

Angie Bond-Simpson

Director, Integrated System Planning & Support (SRP)

Integrated System Plan (ISP)

Large Stakeholder Group Meeting Overview

Meeting #1

ISP Launch and Vision

Inform on progress and what to expect from the first ISP.

Review additional industry trends to consider.

Meeting #2

ISP Study Plan

Inform about the scope of the first ISP.

Review the study plan and key research objectives.

Meeting #3

ISP Study Results

Update on analytical process overview and preliminary results.

Inform stakeholders on the process to interpret the results.

Meeting #4

ISP Path Forward

Review the results and future Integrated System Plans.

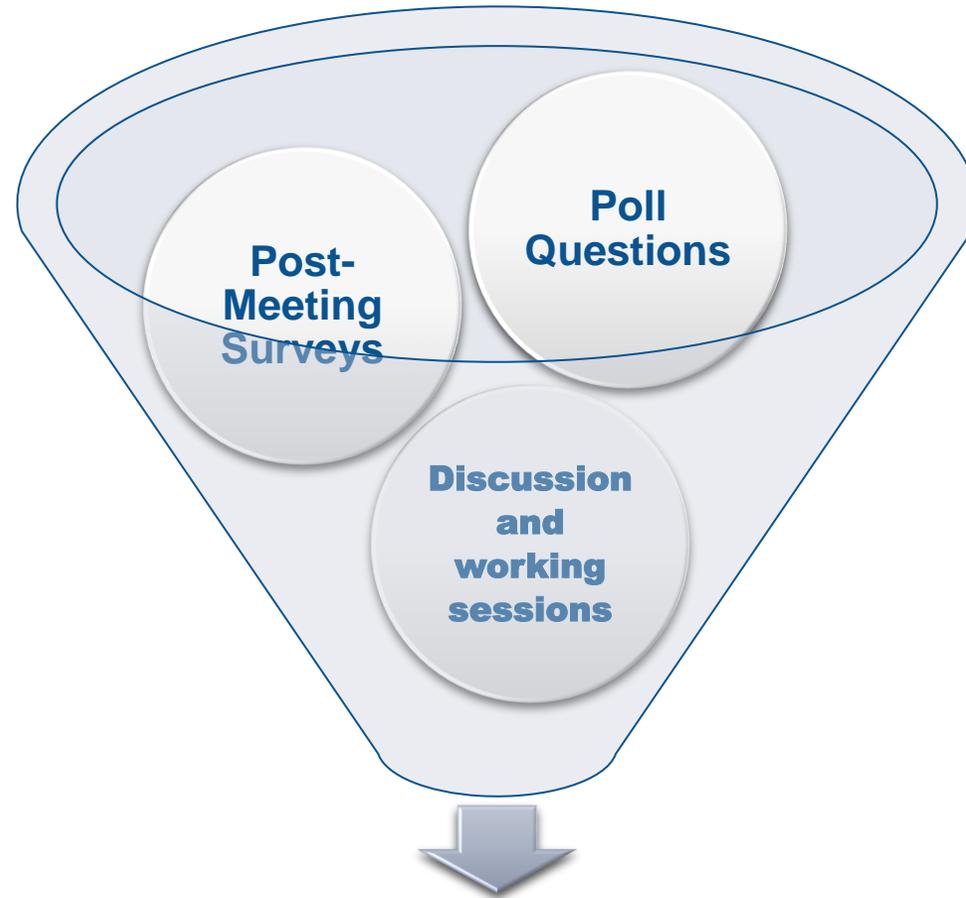
Inform stakeholders of SRP's Preferred Strategic Direction and Action Plans.

Feedback will be collected throughout by post-meeting surveys, polls and discussions.

Objectives for the Large Stakeholder Group Process



Engagement & Feedback Opportunities



Reflect on the **feedback** in the subsequent **meeting**

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 • Roles: Inform, Consult, and Involve
Large Stakeholder Group	<ul style="list-style-type: none"> • Large-scale public platform • 4 meetings planned • Over 100 organizations invited • Roles: Inform and Consult
Technical Working Sessions	<ul style="list-style-type: none"> • Small groups convened on specific topics with topical experts • Sessions scheduled as needed around topics of interest • Roles: Inform and 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: Inform

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

SRP Integrated System Plan Advisory Group

AZ Hispanic Chamber of Commerce	A New Leaf	American Association of Retired Persons (AARP)	Arizona State University (ASU)	AZ Arizona Public Interest Research Group (PIRG)	Building Owners and Managers Association (BOMA)
Chicanos Por La Causa	City of Phoenix	CMC Steel AZ	CyrusOne	Environmental Defense Fund	Intel
Kroger	Local First	Mesa Public Schools	PAC Worldwide	Pinal County	SRP Customer Utility Panel (CUP)
	Salt River Pima-Maricopa Indian Community (SRPMIC)	Southwest Energy Efficiency Project (SWEEP)	Western Resource Advocates (WRA)	Wildfire	

Where to get Integrated System Plan Updates

Dedicated Email

IntSysPlan@srpnet.com



- Stakeholder Meeting Communications
- Stakeholder Comments & Questions

Informational Web Portal

srpnet.com/about/integrated-system-plan



- Public information/Pre-reads
- Meeting slide deck
- Post-meeting breakdowns
- Advisory group meeting slide decks and meeting summaries

Q&A / Discussion

Breakout Session – Roundtable Discussion

Joan Isaacson

Kearns & West Consulting, Chief Facilitator

Breakout Groups – What to Expect

Each group has the same format and discussion questions



Breakout Groups – Discussion Questions

How do you think your expectations and needs for electricity service will change in the future? [\(report back\)](#)

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

The discussions will help to focus and prioritize the components of the study plan

Breakout Session – Report Out

Breakout Group Reports

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

- **A sampling of conversations: 3 example discussion topics**
- **Group representatives: Please raise hand!**

Next Steps & Wrap-up

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

Next Steps

Large Stakeholder Group

Tentative Schedule:

- Meeting #2: **ISP Study Plan** – March 2022
- Meeting #3: **ISP Study Results** – September 2022
- Meeting #4: **ISP Path Forward** – December 2022

Stakeholder Communication Email:
IntSysPlan@srpnet.com

Integrated System Plan: Informational Portal

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



thank you!