

An aerial photograph of a large concrete dam situated in a deep, rugged canyon. The canyon walls are composed of layered, reddish-brown rock formations. The water behind the dam is a deep blue. The sky is clear and light blue. The text is overlaid on the image in white.

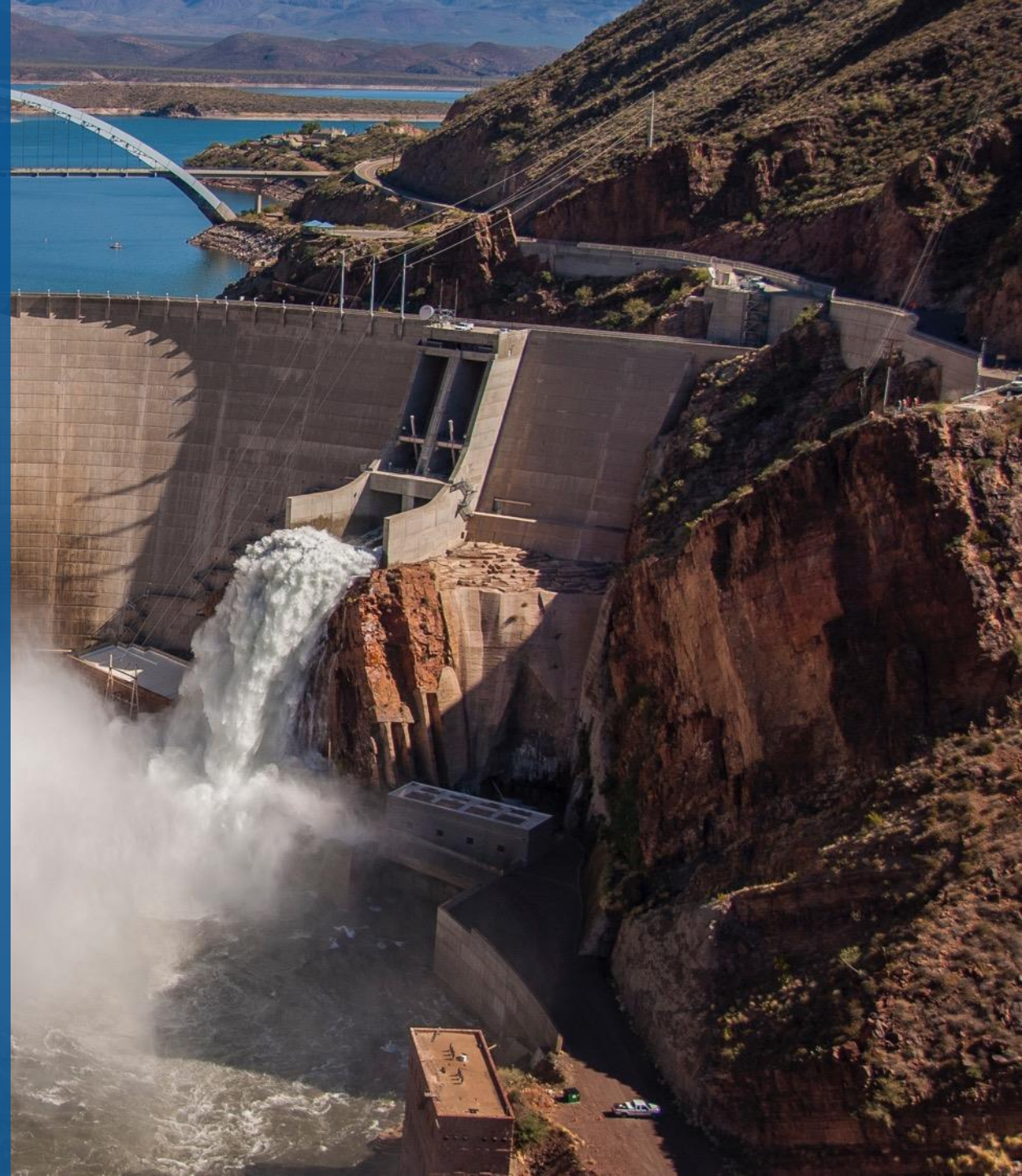
# SRP Integrated System Planning:

ESIG Spring 2023 Technical Workshop

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

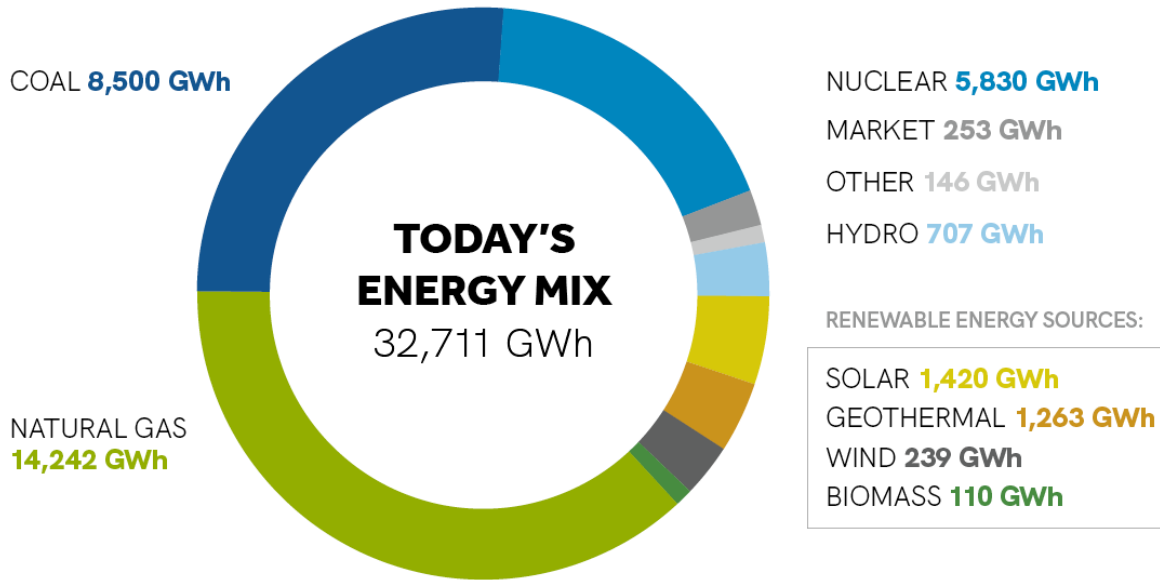
# What is SRP?

- One of the nation's largest public power utilities
- Provide sustainable, affordable, reliable water and power to more than **2 Million** people
- The largest raw-water supplier in the Valley, delivering about **800,000** acre-feet of water annually
- Managing a **13,000** square-mile watershed



# SRP's Energy Sources

To deliver reliable energy throughout the year, including during our extreme summers, SRP has a **balanced energy portfolio**. Having a diverse portfolio of resources helps SRP meet the energy needs of the valley with a reliable, sustainable, and affordable power system.

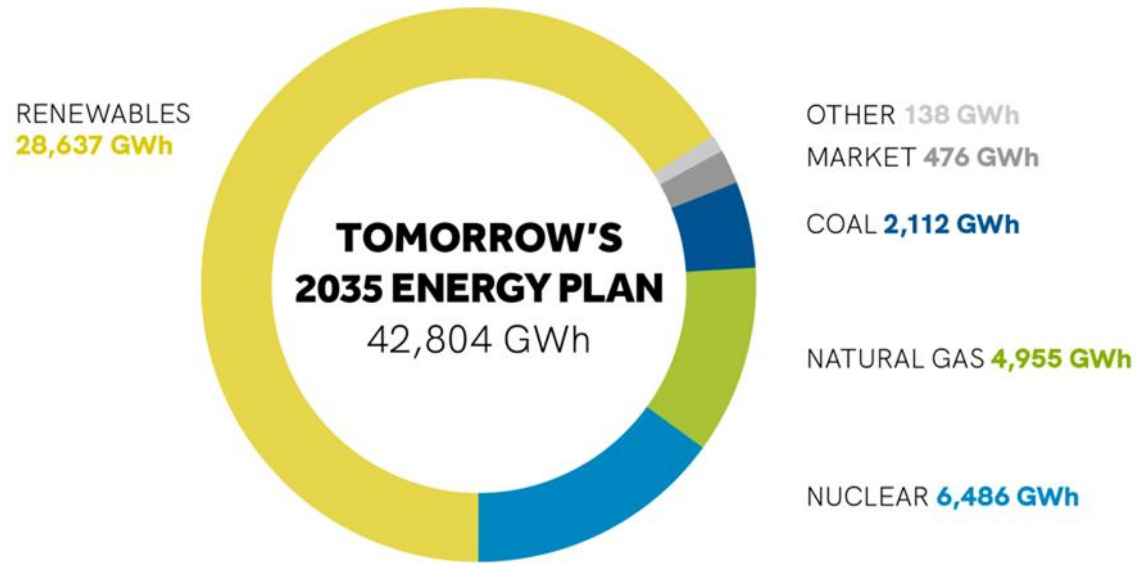


All projections are gigawatt hours (GWh) as of Feb. 22, 2022.



# Cleaner Energy Sources for the Future

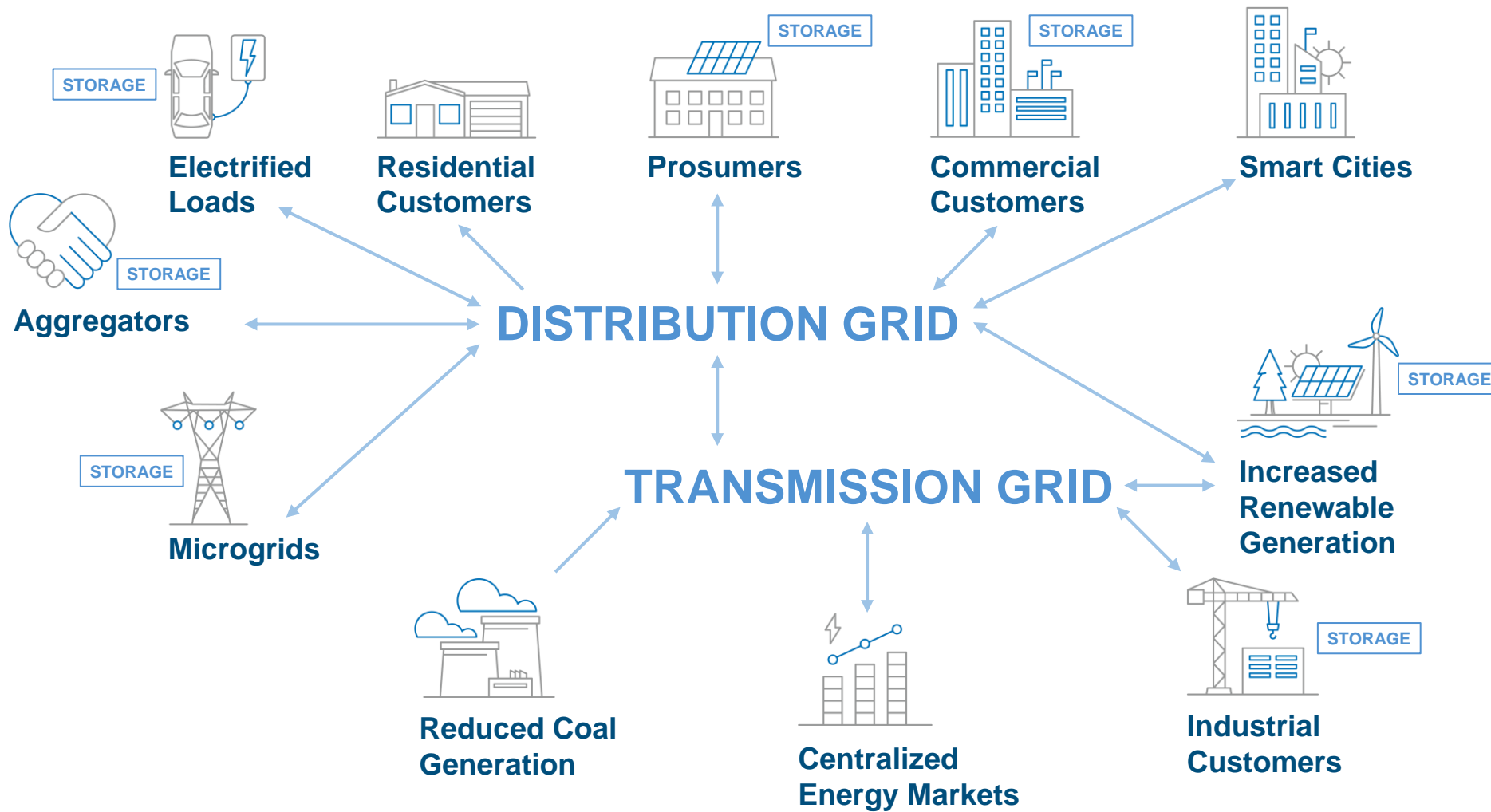
Each year, SRP steadily adds more clean and renewable energy sources that improve the air quality and help preserve the natural beauty of Arizona.



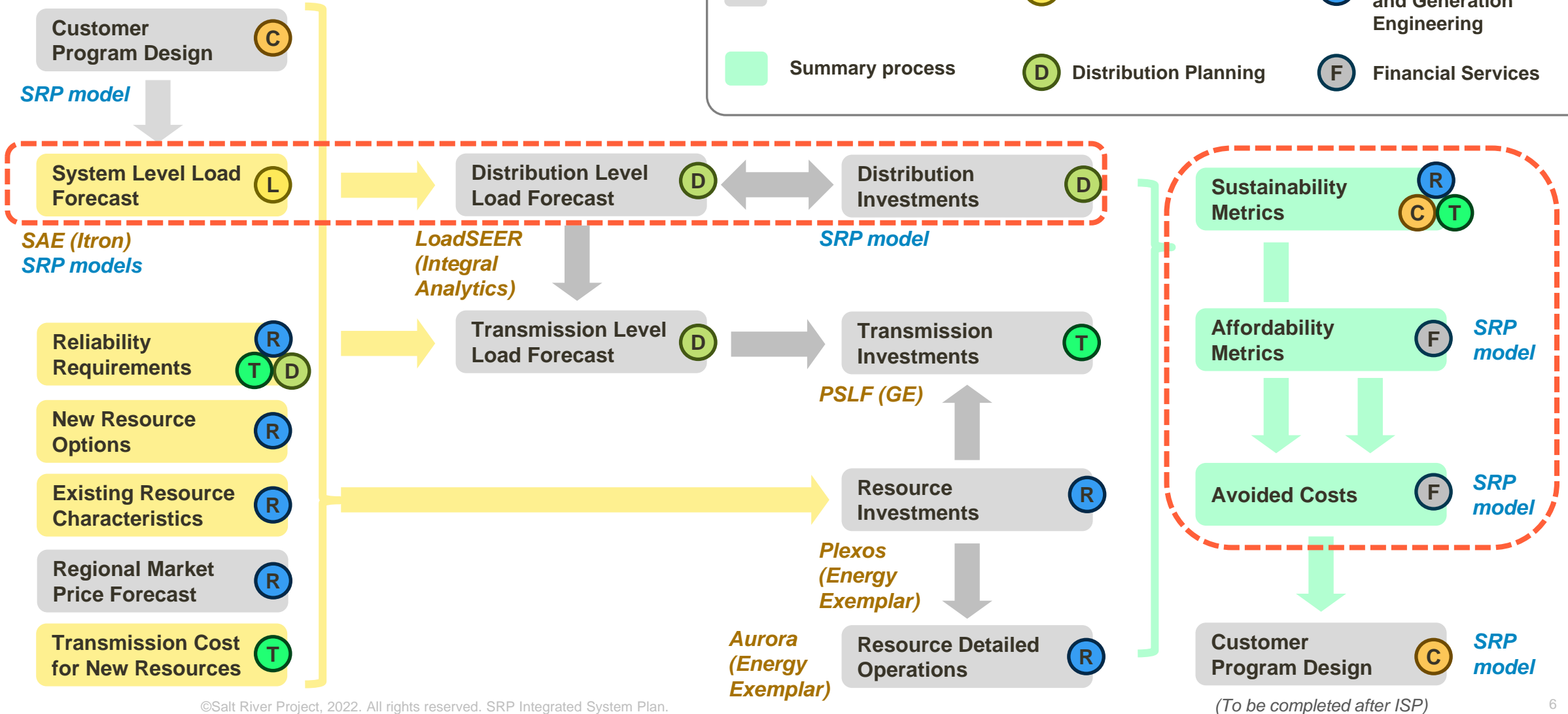
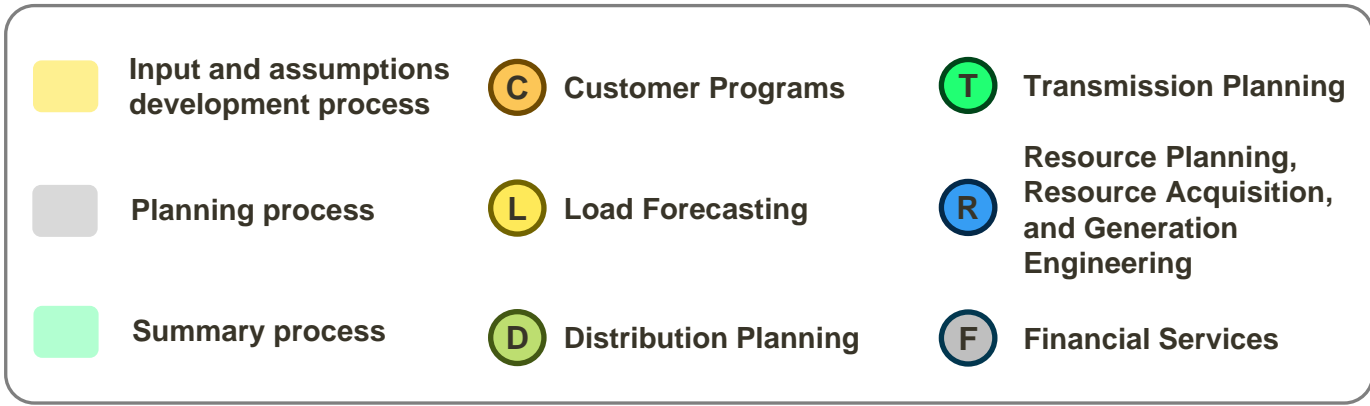
All projections are gigawatt hours (GWh) as of April 30, 2021.



# Making it Work



# What You're Probably Interested In

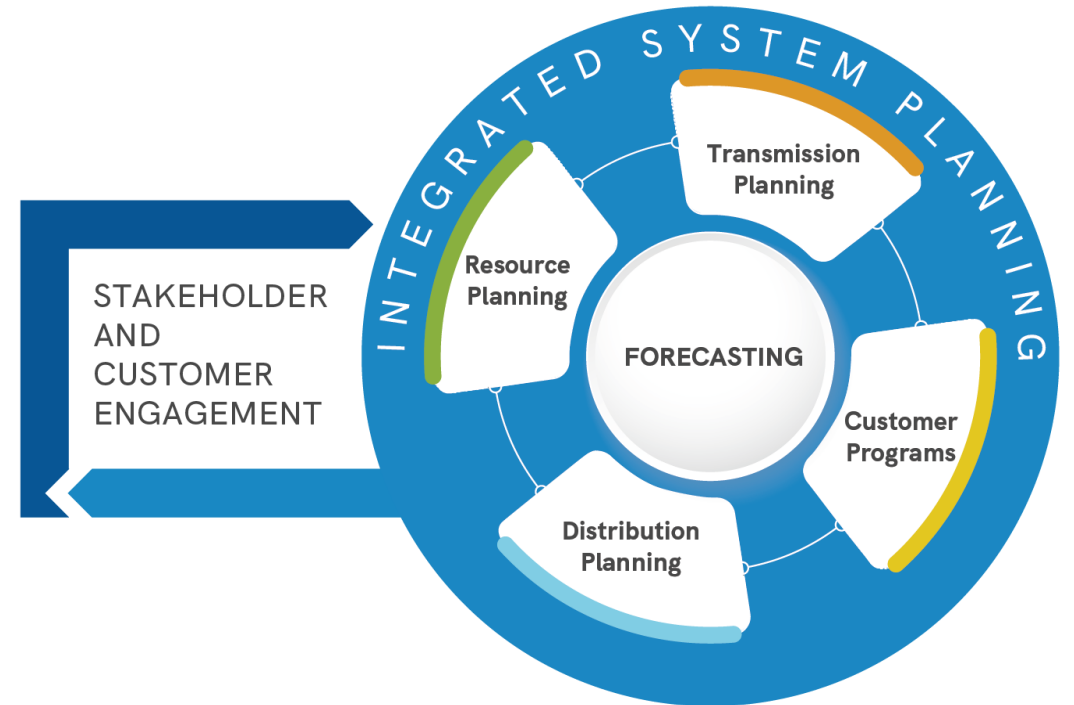


# What I'm Here to Talk About

*Planning a future system (2025-2035) that will enable us to achieve or exceed our 2035 goals with the highest customer value.*

## The first Integrated System Plan (ISP) identifies:

- Viable strategies for achieving SRP's 2035 Corporate Goals
- Costs, risks and tradeoffs of different strategies to building the future power system
- System solutions that are valuable across different future scenarios
- New capabilities and tools needed to plan as the system evolves



# The ISP Study Plan

- Considers wide-ranging perspectives of what may happen in the future
- Assesses SRP's future system through a variety of focused options
- Is designed to evaluate trends and tradeoffs in affordability, reliability, and sustainability
- Sets foundations to evaluate increasing complexity in future ISP cycles



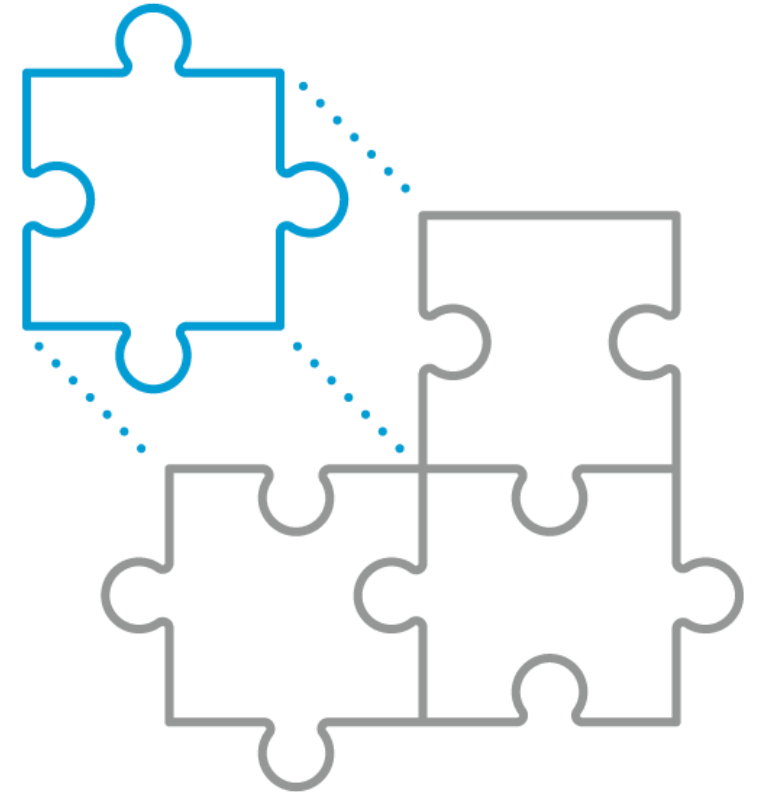
## Summary Study Plan for SRP's Integrated System Plan

Version 6/30/2022



# Implementation Considerations

- Change is hard & not everyone will be on board
- It will take longer than you think (no- I mean longer than that)
- Multi-disciplinary experience is rare
- Prepare to revise, reprioritize, and embrace the messiness



thank you

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