

An aerial photograph of a large concrete dam and reservoir situated in a deep, rugged desert canyon. The canyon walls are composed of layered, reddish-brown rock. The reservoir's water is a deep blue, contrasting with the arid landscape. The sky is a clear, pale blue.

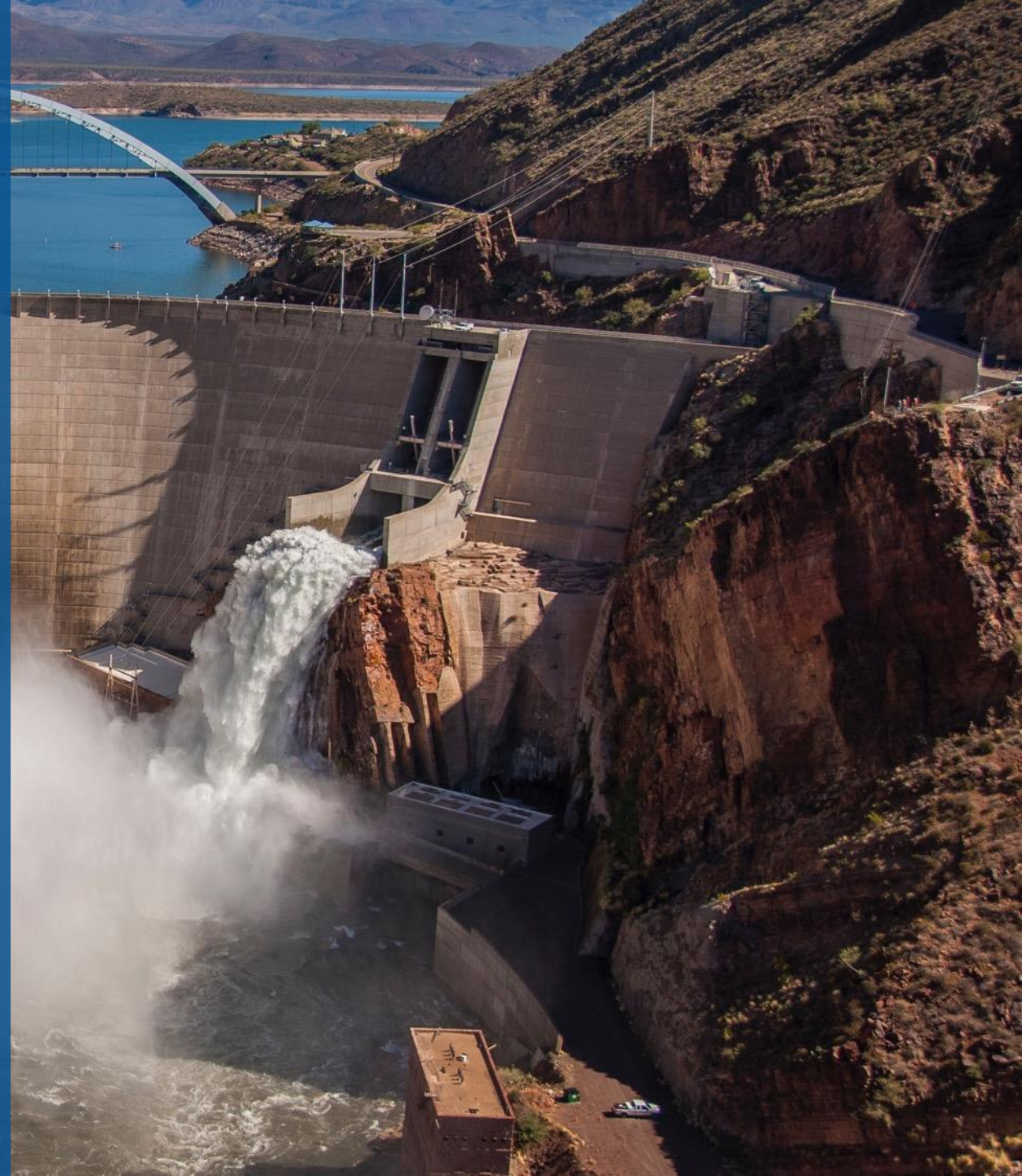
SRP Integrated System Planning:

ESIG Spring 2023 Technical Workshop

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

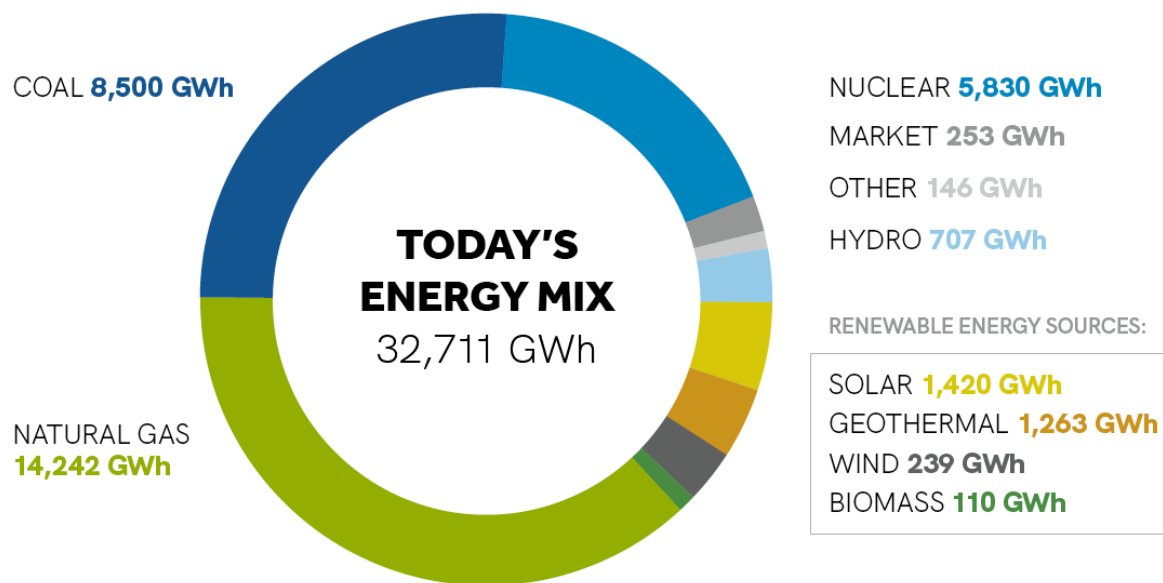
What is SRP?

- 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.

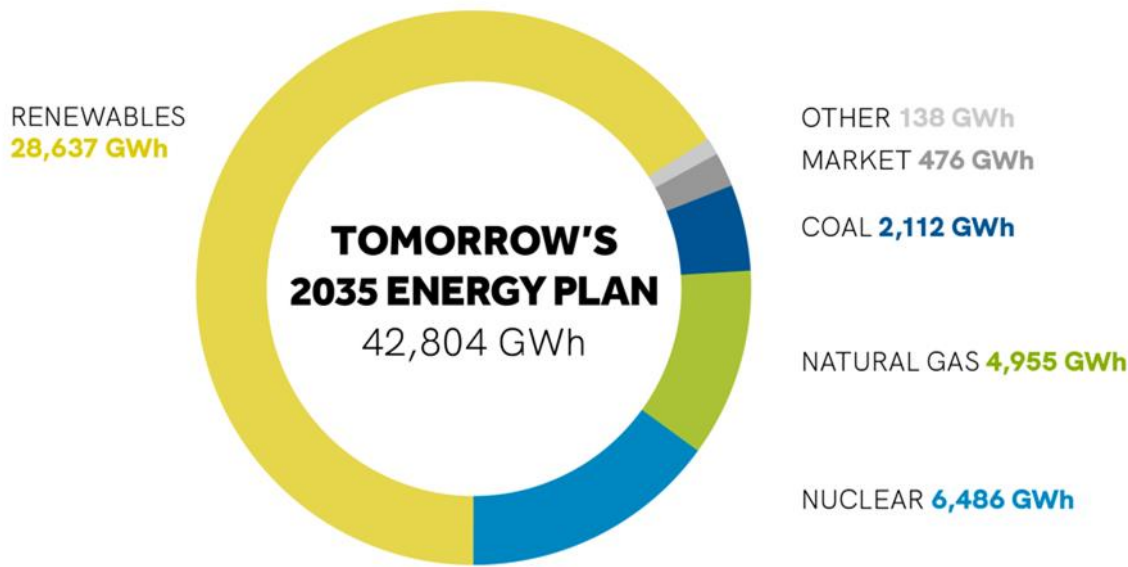


All projections are gigawatt hours (GWh) as of Feb. 22, 2022.



Cleaner Energy Sources for the Future

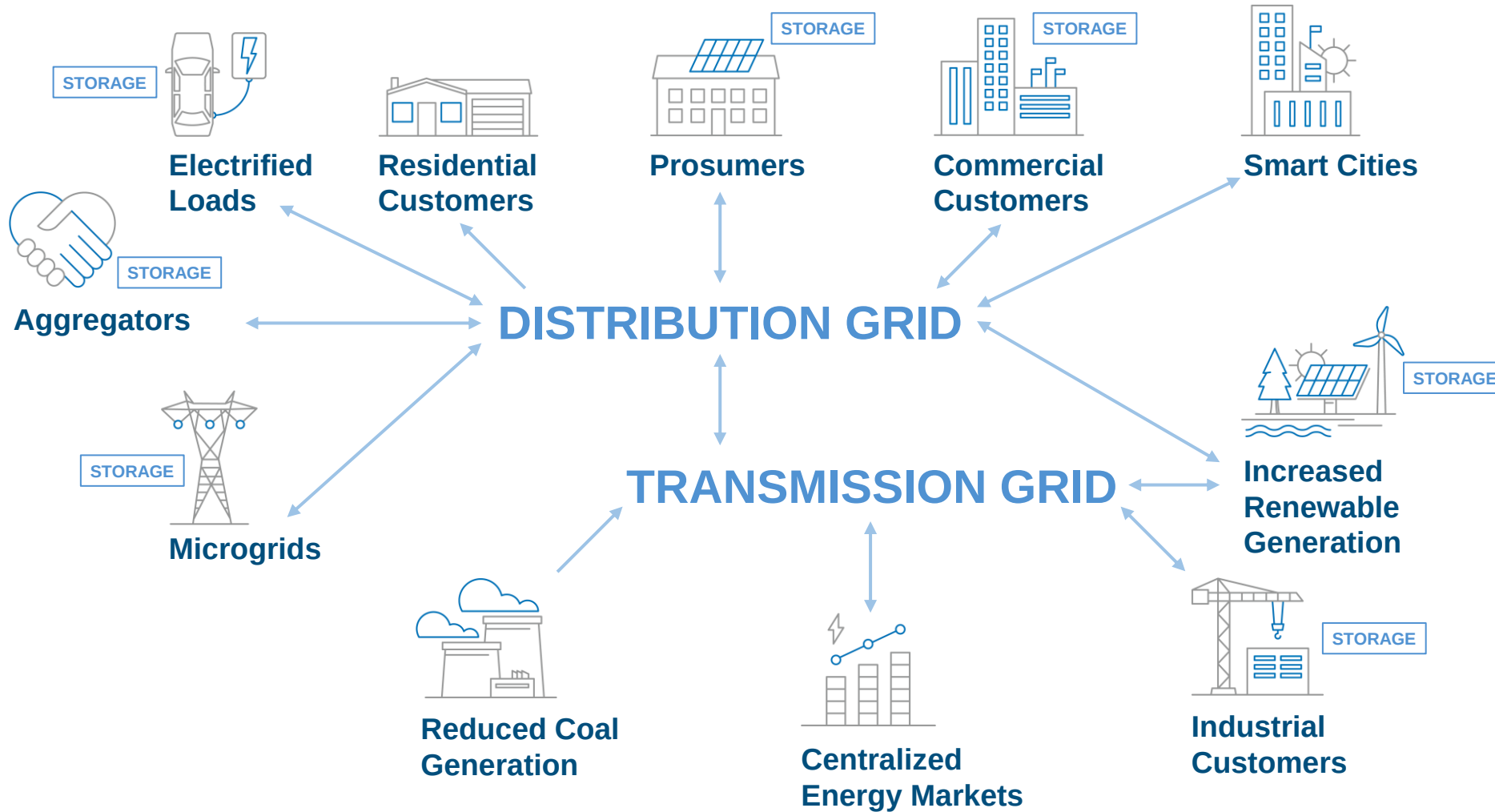
Each year, SRP steadily adds more clean and renewable energy sources that improve the air quality and help preserve the natural beauty of Arizona.



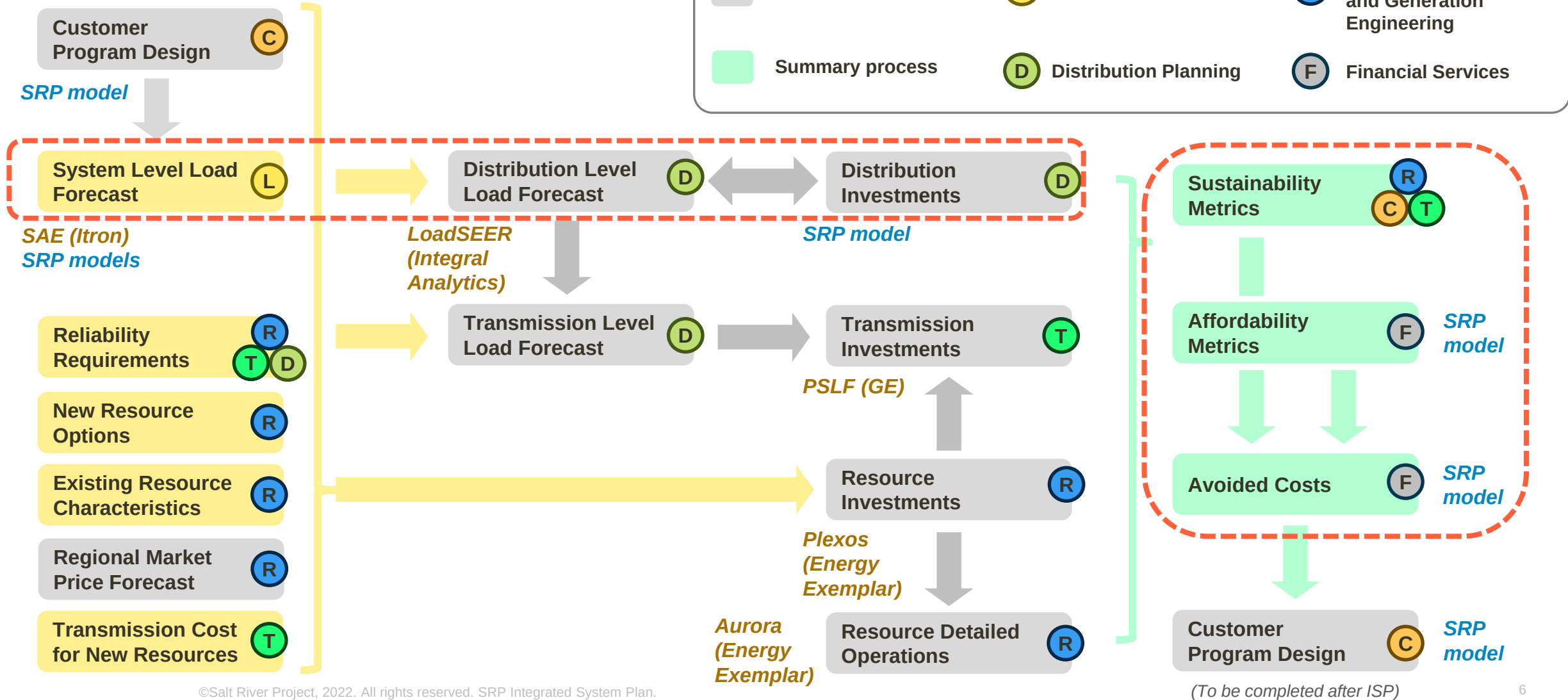
All projections are gigawatt hours (GWh) as of April 30, 2021.



Making it Work



What You're Probably Interested In

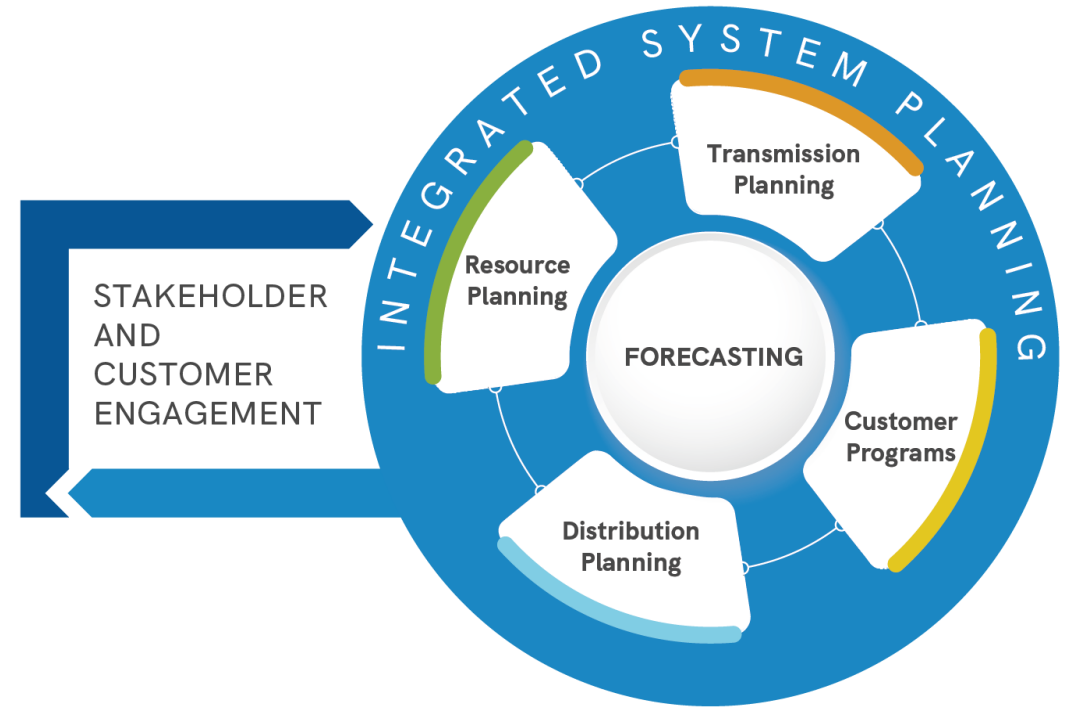


What I'm Here to Talk About

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

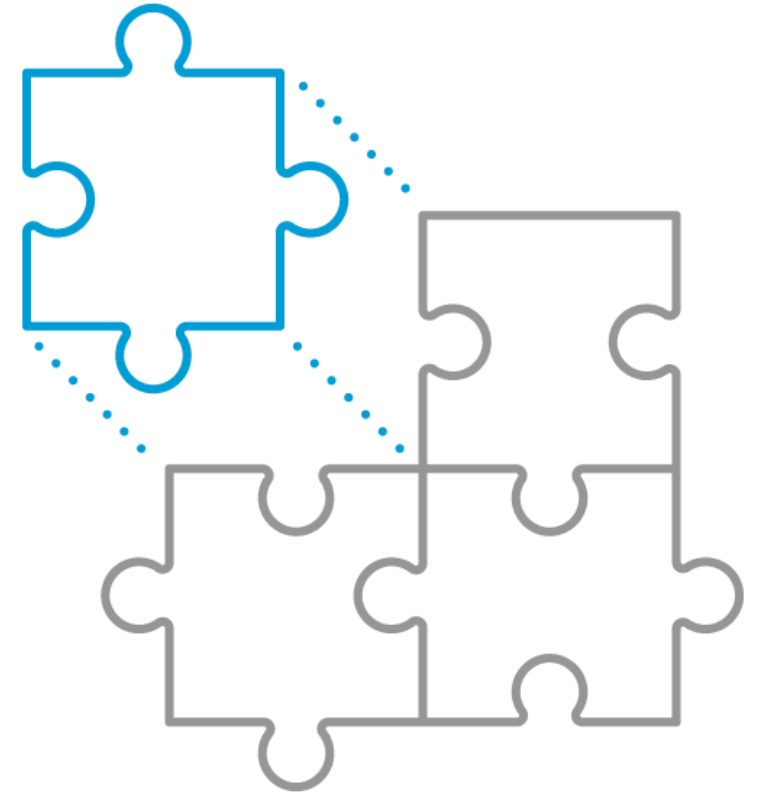


Summary Study Plan for SRP's Integrated System Plan

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
