

# The Lake Powell Pipeline



## About the Project



Approximately  
140 miles of pipe



5 pump stations



6 inline  
hydropower facilities

## Anticipated Timeline

2006  
Lake Powell Pipeline  
Development Act Passed

2007-2019  
Research, studies and  
preliminary design

2020  
Environmental  
Impact Statement

2021  
Record of Decision

Early 2020s  
Project design and  
financing

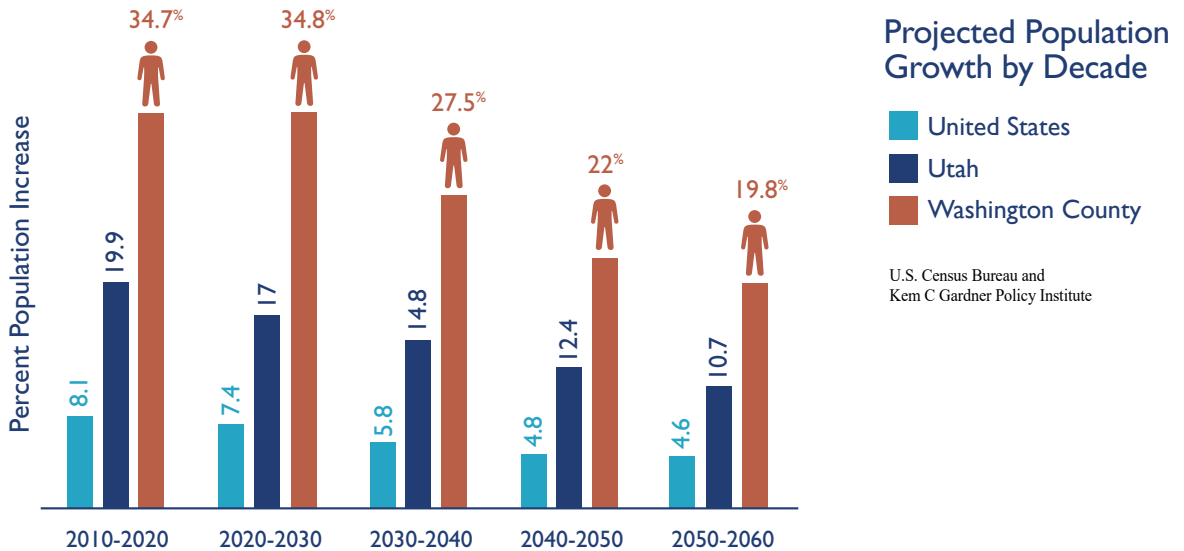
Mid- to late 2020s  
Construction



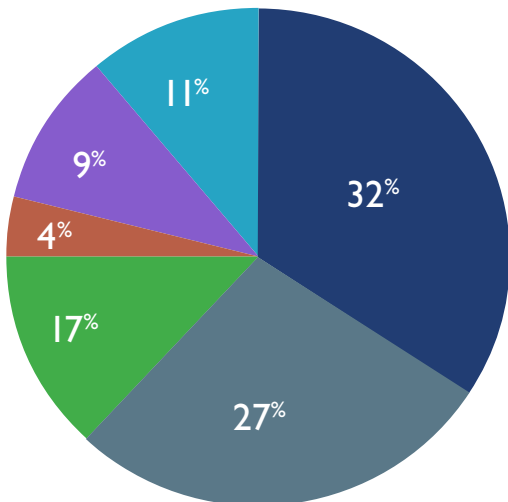
The Lake Powell Pipeline (LPP) will deliver up to 86,249  
acre feet of water annually to 13 Utah communities

# Meeting Future Water Demand

Washington County is one of the fastest growing regions in the nation.



A multi-faceted plan to meet future water needs is critical, but the LPP is the only option that provides a necessary second, reliable water source to meet the demands of Washington County's growing population and economy.



Washington County has decreased its per capita water use by **30%**

Utah Division of Water Resources. Water use from 2000 to 2018.

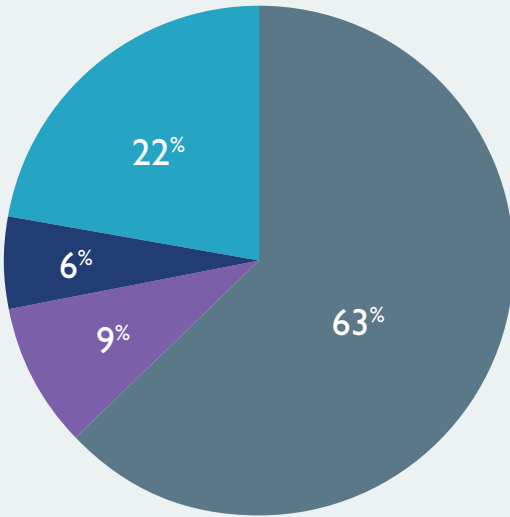
## Meeting Future Water Demand in Washington and Kane Counties through 2060



Lake Powell Pipeline Project, Water Needs Assessment, April 2016 and Water Needs Assessment: Demand and Supply Update, November 2018

# Using Utah's Colorado River Water

All Colorado River basin states have the right to develop and use their allocated water in accordance with the Colorado River Compact and other agreements that create the Law of the River.



Utah is not using all its annual reliable supply of Colorado River water.

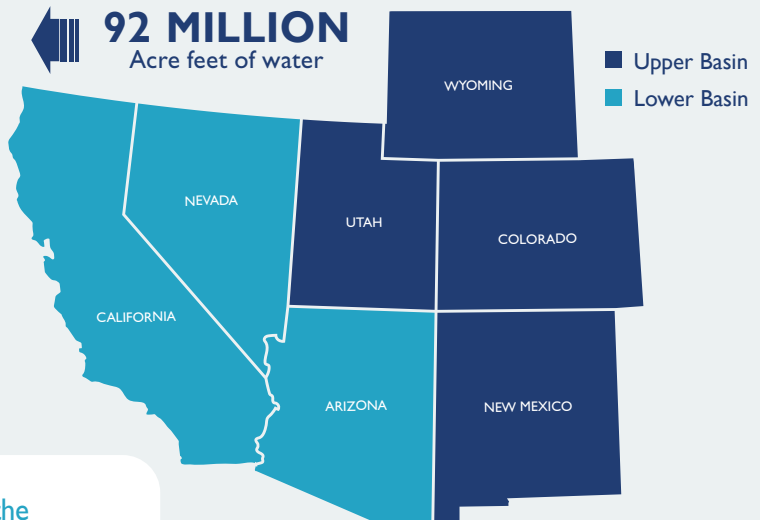
## Utah's Colorado River Water Use

- Average Use (2013-2017)
- Average Evaporation and System Loss
- Lake Powell Pipeline
- Unused Supply

Percentages based on the state's 1.4 million acre foot average annual reliable supply

The Upper Basin states delivered more than 92 million acre feet of water to the Lower Basin states from 2008 through 2017 – 17 million acre feet more than the Lower Basin's compact allocation.

69th Annual Report of the Upper Colorado River Commission, September 2017



**17 MILLION**  
more than the compact allocation

Utah is committed to protecting the Colorado River and its tributaries. Climate variability and additional conservation/reuse have been considered in planning for the LPP.

## Preliminary Cost Estimate

**\$1 Billion — \$1.7 Billion**

2015 dollars

## Financing

The State of Utah will finance the project and be repaid, with interest.

Pursuant to the 2006 Lake Powell Pipeline Development Act

## Repayment

Water conservancy districts will repay the state using three revenue sources:



WATER RATES



PROPERTY TAXES



IMPACT FEES

According to the Utah Office of the Legislative Auditor General's 2019 audit, the combination of these revenue sources can generate sufficient revenue to repay the Lake Powell Pipeline costs.

## Growing Utah's Economy

In Washington County, the LPP will support an additional:



300,000 people



\$9.3 billion in total personal income



100,000 households



\$3.6 billion in total wages and salaries



105,000 jobs



\$9 billion in gross metropolitan product



10,000 businesses

Income tax revenue supported by the LPP estimated to generate over \$11 billion.

Estimates based on projections from 2026 to 2060

Sales tax revenue supported by the LPP estimated to generate over \$9.4 billion, 78% would benefit the state.

Estimates based on projections from 2026 to 2060

Visit [LPPUtah.org](http://LPPUtah.org) for more information.