

Lake Powell Pipeline

Project description

The Lake Powell Pipeline, a project of the state of Utah, is a 138-mile underground pipeline from Lake Powell to Sand Hollow Reservoir in Hurricane, Utah. It will deliver 86,249 acre feet of water a year to serve the growing populations and economies of Washington and Kane counties

Primary benefits

Provides a needed resource to serve Utah's future population
Allows Utah to use a portion of its allocation of the Colorado River
Delivers a more reliable, stable water supply to Washington and Kane counties
Diversifies water resources in Washington and Kane counties
One of the most cost effective options to procure additional water resources in Southern Utah
Supports economic vitality

Population growth

Washington County's population is expected to grow from the 2010 census population of 138,115 to 581,731 by 2060¹
Kane County's population is expected to grow from the 2010 census population of 7,125 residents to 18,583 by 2060²

Legislation

Passed in the 2006 Utah General Legislative Session with a 25 aye, 0 nay vote in the Senate and a 71 aye, 1 nay vote in the House of Representatives

Municipal support

All regional municipal customers served by the Washington County Water Conservancy District have formally approved the project

Estimated timeline

2006 act passed in the Utah General Legislative Session
2007 preliminary design and environmental work
2008 environmental studies
2016 NEPA record of decision and permits
2018 final design
2020 start construction
2026 water delivery

Estimated cost

\$1 billion³

Cost per acre foot

Approximately \$11,500

(more)



WASHINGTON COUNTY
WATER CONSERVANCY DISTRICT

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St. George, UT 84770
435.673.3617
wcwcd.org

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Financing

Financed through the state of Utah, as outlined in the 2006 Lake Powell Pipeline Development Act, under which:

- the districts will repay the state gradually as growth occurs and water is used
- the districts' obligation to the state is not a traditional bond financing with a level repayment
- 70-percent of the project cost would need to be repaid within 50-59 years after completion; the remaining 30-percent repaid 90 years after completion

District revenues

Washington and Kane County Water Conservancy Districts have three essential, legislatively-approved sources of capital and operating funds that will be used to repay the state: water rates, property taxes and impact fees

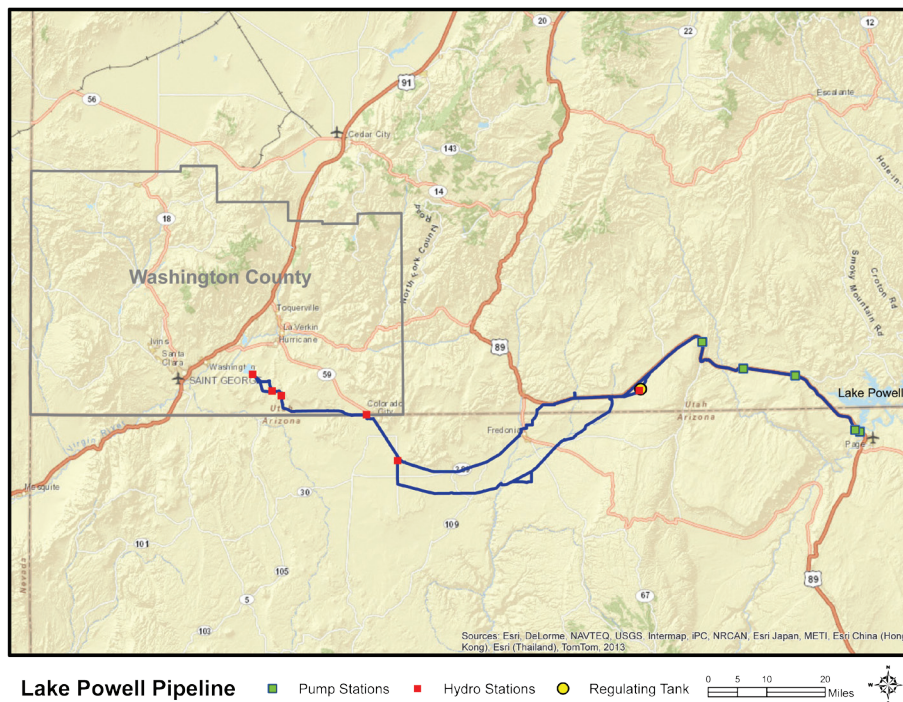
Economic benefits

\$1 billion in capital investment would produce a preliminary, one-time construction impact of approximately 10,000 jobs, \$425 million in wages and \$1.5 billion in economic output⁴

86,000 acre feet of water would support annually:⁵

• Population	292,547
• Households	99,506
• Employment	97,240
• Businesses	8,944
• Total personal income	\$7.8 billion
• Wages and salaries	\$3 billion
• Gross metropolitan product	\$7.3 billion

Proposed alignment



¹Governor's Office of Planning and Budget, Subcounty Population Projections, 2013

²Governor's Office of Planning and Budget, Subcounty Population Projections, 2013

³Utah Division of Water Resources,

<http://www.water.utah.gov/lakepowellpipeline/projectUpdates/June2008OPCCSummary%20r1.pdf>

⁴Water Stability in Washington County, Utah: A review of economic, fiscal and development impacts, Applied Analysis, May 2013

⁵Water Stability in Washington County, Utah: A review of economic, fiscal and development impacts, Applied Analysis, May 2013