



# Patrick Sheilds

General Manager

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Patrick Sheilds was named General Manager by the West Basin Board of Directors in February 2018. Sheilds brings more than 20 years of executive experience in the water industry in both public and private sectors.

Prior to his appointment as General Manager, Sheilds served as executive director of operations at the Irvine Ranch Water District (IRWD), which supplies water to an estimated half million people, and produces approximately 30 million gallons per day of recycled water.

Since 2013, Sheilds helped IRWD diversify its water portfolio, decreasing its dependence on imported water and growing its treated groundwater and recycling programs.

He played a pivotal role in developing and implementing the largest clean energy storage network at a public water agency in the United States, implementing a cutting edge public-private partnership that will allow IRWD to address one of the great environmental challenges facing California and the water industry today, the water-energy nexus.

IRWD's 7-megawatt network of advanced energy storage systems will be installed at several of IRWD's largest and most energy-intensive facilities as part of a major grid reliability project for Southern California Edison.

Prior to his role at IRWD, Sheilds was the executive manager of operations for the Inland Empire Utilities Agency (IEUA). He directed more than 200 employees across several departments, overseeing the operations of processing about 60 million gallons per day at its water recycling facilities, and serving a population of almost 1 million people. He was also the executive lead for the "Go Gridless" program, which involved the implementation of large-scale renewable energy projects including solar, wind and fuel-cell.

Additionally, Sheilds served as vice president and division manager of operations for United Water Services, where he directed operations of several publicly and investor-owned potable and recycled water utilities. Sheilds' time at United includes his oversight as a project manager of three large-scale expansions of the West Basin Edward C. Little Water Recycling Facility in El Segundo, Calif.