

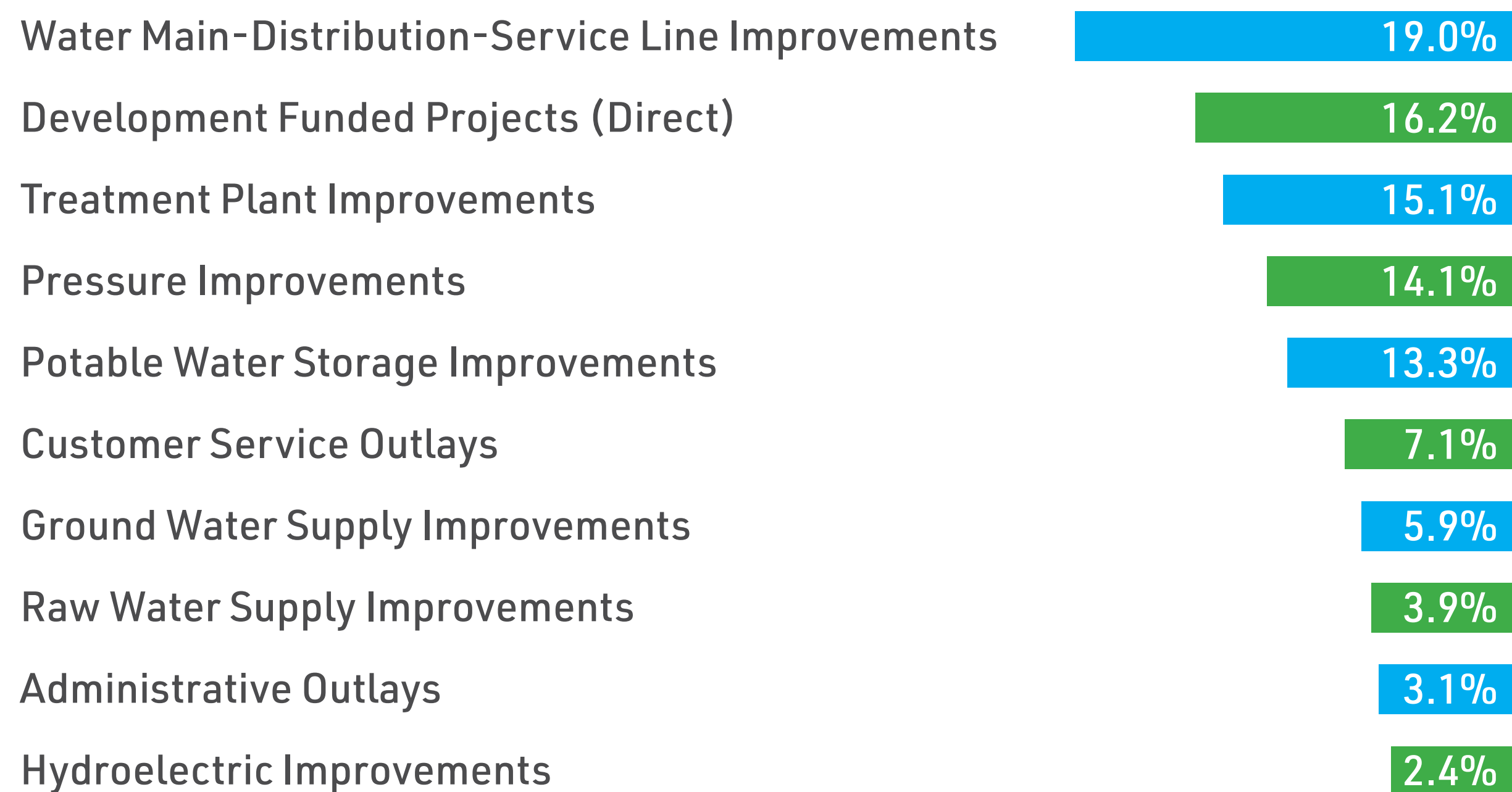
TMWA's Capital Improvements – Past and Future Projects

Upcoming Projects

- ✓ Advanced Purified Water Facility at American Flats
- ✓ Orr Ditch Pump Station Rehabilitation & Hydro Facility
- ✓ Chalk Bluff Electrical System Upgrades
- ✓ Lazy 5 Low Head Pump Station
- ✓ 7th Street High & Low Pump Stations Replacement
- ✓ Boomtown Water System Improvements
- ✓ US 40 Tank and Feeder Main

Next 5 Years

Projected Improvement Areas



2023 – 2028 INVESTMENT ESTIMATE \$309.4M

Notable Past Projects

These types of projects optimize surface water distribution and reduce demand on groundwater.

2018 – 2022

Mt. Rose Water Treatment Plant
New Build

- Improve water resource reliability for customers and area well-owners.
- Mitigate declining groundwater levels.
- Accommodate future demand while pumping less groundwater.

Disc Drive Pump Station
Installation

- Extended reach of surface water delivery.
- Reduced reliance on groundwater pumping.
- Improved water pressure reliability.

2011-2017

Zolezzi Pump Station
Installation

- Delivers surface water from the Truckee River to South Reno.
- Reduces dependence on well water.
- Stabilizes aquifer water levels.

Fish Springs
Integration

- Delivers groundwater from Honey Lake Valley into TMWA's Stead/Lemmon Valley system.
- Reduces dependence on local well water.
- Stabilizes local aquifer water levels.

2006-2010

Highland Canal System & Mogul Bypass

- Installed 3 miles of underground pipeline.
- Expanded water delivery from 55 MGD to 95 MGD.
- Reduced pumping station dependency with a gravity-powered inverted siphon.
- Siphoning offsets \$400,000 per year in power costs formerly spent on pumping.

2001-2005

Wells Avenue
Water Project

- Replaced aging water mains, auxiliary pipelines and fire hydrants.
- Improved service for residents and customers.
- Coordinated effort with power, city and transportation agencies.
- Multiple layers of improvements done at once for efficiency.

Chalk Bluff
Treatment Plant Expansion

- Expanded treatment capacity by 14 Million Gallons per Day (MGD).
- Increased total production capacity to 90 MGD.
- Added state-of-the-art capabilities across all phases of water treatment.