

Series 2020
Utility Systems Revenue Bonds Sale
Project List
For January 1, 2020 to December 31, 2020

* = Project is contractually obligated

* Project Name	Project Phase
Electric	
* Advanced Metering Infrastructure	Design, Construction
* Broadway Road Improvements:Mesa Dr to Stapley	Design
* City Center Utility Improvements	Design, Construction
* Downtown Electric Improvements	Design, Construction
* Electric Distribution Overhead	Design, Construction
* Electric Distribution Underground	Design, Construction
* Electric Generation (including Solar)	Design, Construction
* Electric New Services	Design, Construction
* Electric Substation Improvements	Design, Construction
Electric Transmission	Design, Construction
* Horne Utility Improvements	Design, Construction
* Mesa Drive Phase II	Design, Construction
* Right of Way Improvements/1st Avenue (Phase 1)	Design, Construction
* Smart Grid/Solar/Microgrid	Design

Cash Balance as of 12/31/19	\$	363,928
Series 2020 Electric Bonds	\$	13,190,000
2020 Project Spending Estimate	\$	13,553,928

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* Project Name	Project Phase
Natural Gas	
* Advanced Metering Infrastructure	Design, Construction
* Arterial Reconstructions (Alma School: Main to Broadway)	Design, Construction
* Broadway Road Improvements: Mesa Dr to Stapley	Design
* City Center Utility Improvements	Design, Construction
* Cooper Road Main Replacement 4-inch Polyethylene	Design
* Crismon Rd. Cross-Tie; Grandview St. to Jensen St.	Design, Construction
* District Regulator Station Skyline & Circle Cross Ranch	Design, Construction
Gantzel: QC - Ocotillo Rd	Design
* Gas Mains - New and Replacement	Design, Construction
* Gas Meters - New and Replacement	Design, Construction
* Gas System - New Services	Design, Construction
* Gas System Aging Infrastructure Replacement	Construction
* Guard Post Installation Program	Design, Construction
* High Pressure Gas Main Installation	Construction
* Higley Rd Regulator Station	Design, Construction
* Horne Road Improvements	Design, Construction
* Magma System Gas Main Replacements	Construction
* McDowell and Greenfield Regulator Station	Design, Construction
* Mesa Drive Phase II	Design, Construction
* Power Road and Brown Road Cross-Tie	Design, Construction
* Pueblo Avenue: Longmore to Alma School	Design, Construction
* Queen Creek Gate Station	Design, Construction
Regulator Station, Hawes: McKellips Road to Hermosa Vista	Design
* Right of Way Improvements/1st Avenue	Design
* Salt River Project Lehi Project Service Line Relocation	Design, Construction
* Southern Avenue and Stapley Arterial Road Improvements	Design
* Southern-Greenfield to Higley Arterial Roadway Improvements	Design
* Supervisory Control & Data Acquisition System-Gas Distribution	Design, Construction
* Val Vista: Baseline to US60	Construction
* Warner Road Lift Station Improvements	Design, Construction

Cash Balance as of 12/31/19	\$	(4,133,183)
Series 2020 Natural Gas Bonds	\$	16,485,000
2020 Project Spending Estimate	\$	12,351,817

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Water

* Advanced Metering Infrastructure	Design
* Arterial Reconstructions	Construction
* Broadway Road Improvements:Mesa Dr to Stapley	Design
* Brown Rd Water Treatment Plant Improvements	Design
* Central Arizona Project Turnout Structure	Construction
* City Center Utility Improvements	Design, Construction
* City Well #7 - Re-drill	Construction
* City Well #8 - Re-drill	Construction
* City Well 10 Collection Pipeline	Design, Construction
* Desert Wells Zone - Exploratory Boring	Land Acquisition, Construction
* Elliot Road: Hawes to Sossaman Road: Falcon Field Waterline	Construction
* Mesa Drive Phase II	Design, Construction
New Pump Stations	Design
Quarters Section Rehabilitation Projects	Design
Reclaimed Water Line - Northwest Plant to Southeast Plant	Design
Re-drill Groundwater Well Sites	Design
* Remote Facility Upgrade	Design, Construction
Reservoir Roof Replacements	Design
* Reservoirs Rehabilitation	Construction
* Right-of-Way Improvements/1st Ave	Construction
* Salt River Project Lehi Project Service Line Relocation	Design
Signal Butte Water Treatment Plant Improvements	Design, Construction
* Southern & Stapley: 10th to 8th Ave - Joint with Transportation	Design, Construction
Transmission Mains - Southeast Mesa	Design
Val Vista Reservoir Improvements	Design
* Val Vista Water Treatment Plant (Mesa's Share)	Payment
* Warner Lift Station Modifications	Construction
* Water Extensions & Oversized Mains	Payment
* Water Meter Vault Rehabilitation	Design, Construction
Water Services Extension & Replacement	Construction
* Water System Aging Main Rehab and Repairs	Design, Construction
* Water Valve and Fire Hydrant Replacement Program	Design
* Waterline Realignment tied to Sewer Rehab Project	Design

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* Waterline Replacement		Design
* Waterline Replacement Horne from Marilyn Ave to Southern Ave		Design, Construction
White Mountain Apache Water Settlement Water Rights		Payment

Cash Balance as of 12/31/19	\$	16,586,146
Series 2020 Water Bonds	\$	4,125,000
2020 Project Spending Estimate	\$	20,711,146

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Wastewater

* 91st Ave Wastewater Treatment Plant Upgrade (Mesa's Share)	Payment
* City Center Utility Improvements	Design, Construction
Country Club and Main Improvements	Construction
Diversion Structure Rehabilitation	Design
* Extensions To Unsewered Areas (Septic To Sewer)	Design, Construction
* Greenfield Water Reclamation Plant Expansion (Mesa's Share)	Payment
* Greenfield Water Reclamation Plant Improvements (Mesa's Share)	Payment
* Greenfield Water Reclamation Plant Rehabilitation (Mesa's Share)	Payment
* Headworks/Solids Building Duct Upgrades (Mesa's Share)	Payment
Lift Station Improvements and Equipment Replacement	Design
* Manhole Rehabilitation	Design, Construction
* Mesa Drive Phase II	Design, Construction
New Odor Control Stations	Design
* Northwest Water Reclamation Plant Improvements	Design
* Odor Control Station Improvements	Design
Odor Control Station Rehabilitation	Design
* Remote Facility Upgrade (Wastewater)	Design, Construction
* Right-of-Way Improvements/1st Ave	Construction
* Roosevelt Road Improvements (Broadway to 8th Ave)	Construction
* Sewer Line Condition Assessment	Design, Construction
* Sewer Line Rehabilitation/Repair/Replacement	Design, Construction
* Southeast Water Reclamation Plant Improvements	Design
* Southern Avenue Interceptor Condition Assessment (with Tempe)	Payment
* Warner Lift Station Modifications	Design, Land Acquisition, Construction
* Wastewater Oversize & Extensions-City Share	Payment
* Waterline Replacement Horne from Marilyn Ave to Southern Ave	Design, Construction

Cash Balance as of 12/31/19	\$	(8,184,130)
Series 2020 Wastewater Bonds	\$	36,265,000
2020 Project Spending Estimate	\$	28,080,870

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Series 2020 Utility Systems Revenue Bond Sale Summary	
Purpose	Amount
Electric	\$ 13,190,000
Natural Gas	\$ 16,485,000
Water	\$ 4,125,000
Wastewater	\$ 36,265,000
Total	\$ 70,065,000