

Series 2018
Utility Systems Revenue Bond Sale
Project List
For January 1, 2018 to December 31, 2018

* = Project is contractually obligated

Project Number	* Project Name	Project Activity
Electric		
CP0666	Broadway Road Improvements:Center St to Stapley	Design
CP0458	* Electric Distribution Overhead	Design, Construction
CP0459	* Electric Distribution Underground	Design, Construction
CP0082	* Electric Generation (including Solar)	Design, Construction
CP0435	* Electric Metering	Design, Construction
CP0534	* Electric New Services	Design, Construction
CP0461	* Electric Substation Improvements	Design, Construction
CP0460	Electric Transmission	Design, Construction
CP0562	* Gilbert Road Light Rail Extention - Concurrent Non-Project Activity	Construction
CP0366	* Horne Utility Improvements	Design, Construction
C01400	* Mesa Drive Phase II	Design, Construction
CP0279	* Right of Way Improvements/1st Avenue	Design, Construction
CP0522	* Substation to Park Conversion	Design, Construction

Cash Balance as of 12/31/17	\$ 68,951
2018 Project Spending Estimate	\$ 3,068,951
2018 Bond Issuance Costs	\$ 10,000
Total Series 2018 Electric Bonds	\$ 3,010,000
Bond Authorization Prior to Series 2018 Sale	\$ 24,190,000
Remaining Bond Authorization After Series 2018 Sale	\$ 21,180,000

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Project Number	* Project Name	Project Activity
Natural Gas		
CP0439	* Arterial Reconstructions	Design, Construction
CP0666	Broadway Road Improvements:Center St to Stapley	Design
C10387	Center and University Brown Gas Line Replacement	Design, Construction
CP0224	* Cooper Road Main Replacement 4-inch Polyethylene	Design, Construction
CP0074	* Crismon Rd. Intermediate Pressure Cross-Tie; Grandview St. to Jensen St.	Design, Construction
C10376	District Regulator Station Skyline & Circle Cross Ranch	Design, Construction
CP0223	* Gas Main Replacement - Combs and Meridian	Design, Construction
CP0711	* Gas Meters-New and Replacement	Design, Construction
CP0481	* Gas System - New Mains	Design, Construction
CP0480	* Gas System - New Services	Design, Construction
CP0483	* Gas System Aging Infrastructure Replacement	Construction
CP0442	* High Pressure Gas Main Installation	Construction
CP0366	* Horne Road Improvements	Design, Construction
CP0482	* Magma System Gas Main Replacements	Construction
CP0076	* McDowell and Greenfield Regulator Station	Design, Construction
CP0072	* McDowell-80th St to Hawes - 4-inch Polyethylene	Design, Construction
CP0393	Meridian Rd Intermediate Pressure Cross-Tie; Queen Creek Rd to Ocotillo Rd	Design, Construction
CP0394	Meridan and Queen Creek GRS97 Redesign	Design, Construction
C01400	* Mesa Drive Phase II	Design, Construction
CP0077	* Power Road and Brown Road Cross-Tie	Design, Construction
CP0073	* Power Rd and Elliot Rd Regulator Station	Design, Construction
CP0033	* Pueblo Avenue: Longmore to Alma School	Design, Construction
CP0075	Regulator Station, Hawes: McKellips Road to Hermosa Vista 4-inch High Pressure Steel	Design, Construction
C10388	* Regulator Station Security	Design, Construction
CP0279	* Right of Way Improvements/1st Avenue	Design, Construction
C01886	* Supervisory Control & Data Acquisition System-Gas Distribution	Design, Construction
CP0800	* Southern Avenue and Stapley Arterial Road Improvements	Design

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Project Number	* Project Name	Project Activity
CP0700	* Southern-Greenfield to Higley Arterial Roadway Improvements	Design
C10380	* Utility Line Replacement QS13C	Design, Construction
CP0105	* Val Vista: Baseline to US60	Design, Construction
C05007	* Warner Road Lift Station Improvements	Design, Construction

Cash Balance as of 12/31/17	\$	1,302,953
2018 Project Spending Estimate	\$	6,302,953
2018 Bond Issuance Costs	\$	15,000
Total Series 2018 Natural Gas Bonds	\$	5,015,000
Bond Authorization Prior to Series 2018 Sale	\$	60,975,000
Remaining Bond Authorization After Series 2018 Sale	\$	55,960,000

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Water		
CP0821	Aging Water Main Repairs-In-House Breaks	Design, Construction
CP0439	* Arterial Reconstructions	Construction
CP0569	* Brooks Pump Station Chlorination Piping Upgrades	Design, Construction
C07011	* Brown Rd Water Treatment Plant Misc Improvements	Construction
CP0024	* Brown Road Water Treatment Plant Rehabilitation	Design
CP0034	* Brown Road WTP Plant Surge Improvements	Construction
C01645	* Central Arizona Project Turnout Structure	Construction
C10474	* City Well #7 - Re-drill	Construction
CP0031	* City Well #8 - Re-drill	Design, Construction
CP0020	* City Well 10 Collection Pipeline	Design, Construction
C03080	* Desert Well 18 Equip	Construction
C05032	* Desert Well 19	Design, Construction
C05033	* Desert Well 20 Drill and Equip	Design, Construction
C04048	* Desert Wells Zone - Exploratory Boring	Land Acquisition
CP0054	* Elliot Road: Hawes to Sossaman Road: 30-inch Falcon Field Waterline	Construction
CP0320	* Fire Hydrant Meters	Purchase
CP0636	* Fire Hydrant Replacement	Construction
C01400	* Mesa Drive Phase II	Design, Construction
CP0814	* Pipeline Inspection Support Services 2018	Design, Construction
C10391	* Pressure Reducing Valve Station Replacements Citywide	Design, Construction
CP0640	* Pump Station Rehabilitation	Design, Construction
CP0651	* Replace Water Valves	Construction
CP0641	* Reservoirs Rehabilitation	Construction
CP0279	* Right-of-Way Improvements/1st Ave	Construction
CP0121	* Signal Butte and Elliot Park Development	Design, Construction
C01600	* Signal Butte Water Treatment Plant	Construction
CP0800	* Southern & Stapley: 12" waterline from 10th to 8th Ave - Joint with Transportation	Design, Construction
C10392	* Transfer Station 3 Improvements	Construction

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Project Number	* Project Name	Project Activity
CP0645	Transmission Mains - Southeast Mesa	Construction
C10380	Utility Line Replacement Quarter Sections 13C, 21A, & 20D	Design
CN0010	* Val Vista Water Treatment Plant (Mesa's Share)	Payment
C05007	* Warner Lift Station Modifications	Construction
CN0064	* Water Extensions & Oversized Mains	Payment
CP0468	* Water Meter Vault Rehab	Design, Construction
CP0860	Water Meter Vault Rehabilitation	Design, Construction
CP0650	Water Services Extension & Replacement	Construction
CP0464	* Water System Aging Main Rehab and Repairs	Design, Construction
CP0822	* Water Transmission Main - Various Locations	Design, Construction
CP0722	* Waterline Inspection And Repairs	Construction, Purchase
CP0558	* Waterline Replacement - 10th Ave. and Sirrine	Design, Construction
CP0366	* Waterline Replacement Horne from Marilyn Ave to Southern Ave	Design
CN0028	White Mountain Apache Water Settlement Water Rights	Payment

Cash Balance as of 12/31/17	\$	4,274,412
2018 Project Spending Estimate	\$	89,274,412
2018 Bond Issuance Costs	\$	255,000
Total Series 2018 Water Bonds \$ 85,255,000		
Bond Authorization Prior to Series 2018 Sale	\$	156,620,402
Remaining Bond Authorization After Series 2018 Sale	\$	71,365,402

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Project Number	* Project Name	Project Activity
Wastewater		
CN0027	* 91st Ave Wastewater Treatment Plant Upgrade (Mesa's Share)	Payment
CP0856	Country Club and Main Improvements	Construction
C01687	* Diversion structure DS-1 Reconstruction - Baseline and Roosevelt Water Conservation District (RWCD) Canal	Construction
CP0043	* Eagle Crest Lift Station	Construction
CP0624	* Extensions To Unsewered Areas (Septic To Sewer)	Design, Construction
CN0015	* Greenfield Wastewater Reclamation Plant Expansion (Mesa's Share)	Payment
CN0036	* Greenfield Water Reclamation Plant Improvements (Mesa's Share)	Payment
CN0057	* Greenfield Water Reclamation Plant Rehabilitation and Equipment (Mesa Share)	Payment
CN0026	* Greenfield Water Reclamation Plant Sludge Line Replacement (Mesa's Share)	Payment
CN0014	* Headworks/Solids Building Duct Upgrades (Mesa's Share)	Payment
CP0599	Lift Station Rehabilitation And Equipment Replacement	Purchases
CP0600	* Manhole Rehabilitation	Design, Construction
C01400	* Mesa Drive Phase II	Design, Construction
CP0616	Metering Station Rehabilitation And Equipment Replacement	Purchases
CP0620	* New Sewer Lines - Phx Mesa Gateway Development Plan	Design
CP0628	* Northwest Water Reclamation Plant Improvements & Equipment Replacement	Design, Construction, Purchase
CP0811	* Northwest Water Reclamation Plant Improvements & Equipment Replacement	Design, Construction
CP0627	* Northwest Water Reclamation Plant Major Plant Improvements	Design
C10478	* Northwest Water Reclamation Plant System Improvements	Construction
CP0349	Odor Control Master Plan	Design
CP0621	* Odor Control Station Rehabilitation/Equipment Replacement	Design, Construction
CP0279	* Right-of-Way Improvements/1st Ave	Construction
CP0528	* Roosevelt Road Improvements (Broadway to 8th Ave)	Design, Construction
CP0622	* Sewer Line Condition Assessment And Rehabilitation	Design
CP0383	* Sewer Line Rehab/Repair/Replacement	Design, Construction
CP0623	* Sewer Line Rehabilitation	Design, Construction

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CP0630	* Southeast Water Reclamation Plant Improvements & Equipment Replacement	Design, Construction, Purchase
CP0044	* Vanguard Lift Station/Sulfide Control Station Upgrade	Construction
C05007	* Warner Lift Station Modifications	Design, Land Acquisition, Construction
CN0063	* Wastewater Oversize & Extensions-City Share	Payment
CP0805	* Water and Wastewater Improvements at ASU Polytechnic	Design
C10425	Williams Field Road Sewer: Ellsworth to Mountain	Design, Construction

Cash Balance as of 12/31/17	\$ 14,582,256
2018 Project Spending Estimate	\$ 44,582,256
2018 Bond Issuance Costs	\$ 90,000
Total Series 2018 Wastewater Bonds	\$ 30,090,000
Bond Authorization Prior to Series 2018 Sale	\$ 162,262,788
Remaining Bond Authorization After Series 2018 Sale	\$ 132,172,788

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Project Number	* Project Name	Project Activity
Solid Waste		
CP0588	Household Hazardous Waste Facility	Construction

Cash Balance as of 12/31/17	\$	266,656
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2018 Project Spending Estimate	\$	1,766,656
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2018 Bond Issuance Costs	\$	5,000
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Total Series 2018 Solid Waste Bonds	\$	1,505,000
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Bond Authorization Prior to Series 2018 Sale	\$	3,570,000
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Remaining Bond Authorization After Series 2018 Sale	\$	2,065,000
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Series 2018 Utility Systems Revenue Bond Sale Summary	
Purpose	Amount
Electric	\$ 3,010,000
Natural Gas	\$ 5,015,000
Water	\$ 85,255,000
Wastewater	\$ 30,090,000
Solid Waste	\$ 1,505,000
Total	\$ 124,875,000