

Agenda – Stakeholder Rate Briefing April 9, 2020

- CAWCD Assumptions
- Taxes, Federal Repayment & Capital Charges
- CAWCD Water Delivery Preliminary Rates
- CAWCD Shortage Case Rates
- Strategic & Working Capital Reserves
- Recharge O&M Rates
- CAGRD Revised Methodology & Assumptions
- CAGRD Results & Rates
- CAGRD Shortage Case Rates

CAP's Two-Year Financial Planning Cycle

Even years

- Long-range financial plan
- Set water rates
- Strategic plan
- Reserve strategy review
- Budget update (if required)

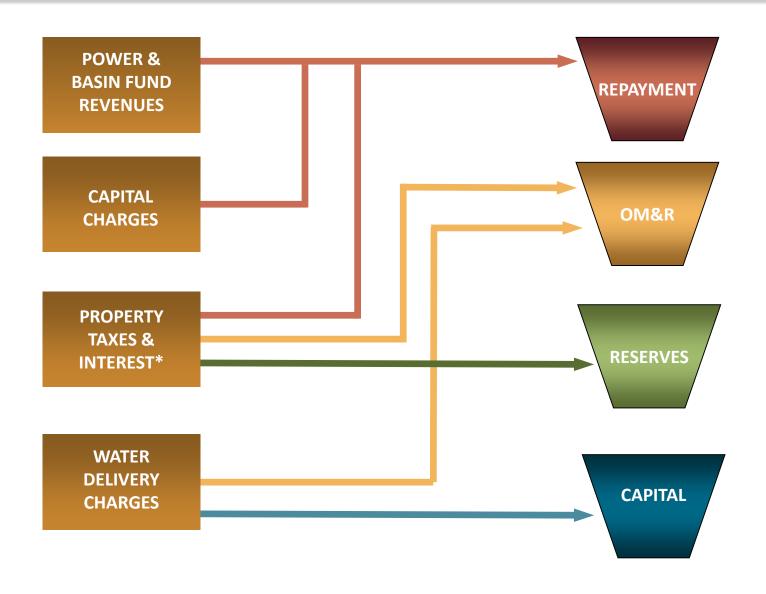
Odd years

- 2-year Budget and Business Plan (e.g. 2020-2021)
- Water rate update (if required)

Every year

- Quarterly financial reviews
- Set tax rates

General Fund Sources and Uses of Revenue



Key Assumptions

General

- ✓ Water rates are set to recover costs, on a long term basis, net of other revenue
- ✓ Rates set at Tier Zero
- ✓ Fixed OM&R rate provided for all other Tiers for 2022-2026 provided for planning purposes
- ✓ Energy rate for all Tiers remains same

Non-Indian Ag

- ✓ NIA reallocation occurs in 2021 for 2022 deliveries
- √ 9(d) debt @ \$665/acre-foot
- ✓ Back capital charges @ \$1339/acre-foot
- ✓ based on capital charge proposal and includes 2021 capital charge
- ✓ Payments spread over 5 years at 2.5% interest rate

Wheeling

- ✓ Starts in 2023 at 4,000 acre-foot and remains at that level
- ✓ Included in rate calculations resulting in lower Fixed OM&R rate

Key Assumptions (cont'd)

Agriculture

- ✓ Ag Consideration is contractual agreement to cover Fixed OM&R for Ag Settlement Pool and in accordance with Arizona Implementation Plan
- ✓ No Ag incentives are proposed in the preliminary rates

Power

- ✓ Purchase Power costs for 2021 forward are based on:
 - current contract volumes & rates (~25%)
 - Market purchases (~75%), which remain favorable

Transmission

✓ Based on basic characteristics, variable costs are included in energy & fixed costs are included in O&M

"Big R"

- ✓ Capital expenditures increasing due to increased cost of materials and outside services
- ✓ Increased Extraordinary Maintenance projects for this period were included then previous advisory rates

Key Assumptions (cont'd)

General Ad Valorem Tax held @ 10¢ throughout period

2020/2021 tax year

- ✓ Ag Consideration @ 4.5¢
- ✓ 2022 Federal Repayment @ 3¢
- ✓ System Use Agreement @ 1.0¢
- ✓ Extraordinary Cost Reserve @ 1.0¢
- ✓ NGS Decommissioning @ 0.5¢

Remaining tax years

- ✓ Extraordinary Cost Reserve remains @ 1.0¢
- ✓ Ag Consideration funded as needed
- ✓ Balance goes into working capital reserves (which causes the reserve to increase significantly)

Key Assumptions (cont'd)

Water Storage Tax held @ 4¢ through 2024 and 3¢ through 2026

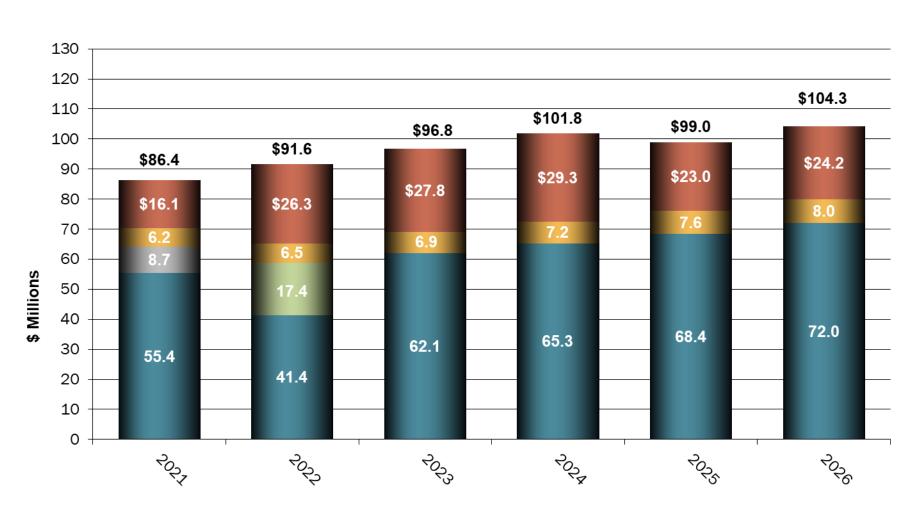
2020/2021 tax year

- ✓ Water Bank LTSC Purchases @ 2.5¢
- ✓ 2021 Federal Repayment @ 1.5¢

Remaining tax years

✓ All is available for Water Bank LTSC Purchases

Property Tax Usage



- Ag Consideration/Working Capital
- **Federal Repayment (Water StorageTax)**
- **■Water Bank Purchases**

- **Federal Repayment (General Ad Valorem Tax)**
- **■** Extraordinary Cost Reserve

Federal Repayment & Capital Charges

Federal Repayment

- ✓ Basin Development Fund net revenues are applied toward repayment first (Transmission sales, mill levy, land sales, etc.)
- ✓ Balance must be made up as a cash makeup payment.
- ✓ Annually CAWCD Board determines if any taxes are to applied towards repayment
- ✓ Balance of cash makeup payment are made from capital charges
- ✓ Repayment increases \$6 million in 2021 from 2020 to \$59.5 million and then decreases ~\$1-\$1.5 million through 2026
- ✓ No future taxes beyond the current recommendation are included.

Capital Charges

- ✓ Paid on M&I allocations, regardless of water delivery
- ✓ Charged on all excess deliveries
- ✓ Not paid by federal and Ag Settlement Pool
- ✓ Must be used toward federal debt repayment on a cumulative basis
- ✓ Calculated after current tax considerations for repayment

Federal Repayment & Capital Charges

(\$K) Capital Charge Sensitivity Analysis – Levels	2021	2022	2023	2024	2025	2026
Federal Repayment	\$59,477	\$58,145	\$56,813	\$57,833	\$56,417	\$55,002
Total Basin Development Fund Credit	(8,218)	(8,285)	(8,352)	(8,369)	(8,386)	(8,404)
Net Cash Payment	\$51,259	\$49,860	\$48,461	\$49,464	\$48,031	\$46,598
Taxes Applied:						
2019/20 – General Ad Valorem @ 1¢	(5,300)					
2020/21 – General Ad Valorem @ 3¢		(17,400)				
2020/21 – Water Storage @ 1.5¢	(8,700)					
Cash Needed from Capital Charges	\$37,259	\$32,460	\$48,461	\$49,464	\$48,031	\$46,598
Allocation* (acre feet) (Includes CAGRD Credits & Wheeled						
Water)	647,267	697,267	702,317	703,420	704,577	705,793
Capital Charge (\$ acre foot)	\$57	\$46	\$69	\$70	\$68	\$66

Preliminary Capital Charges Compared to Previous Rate Case

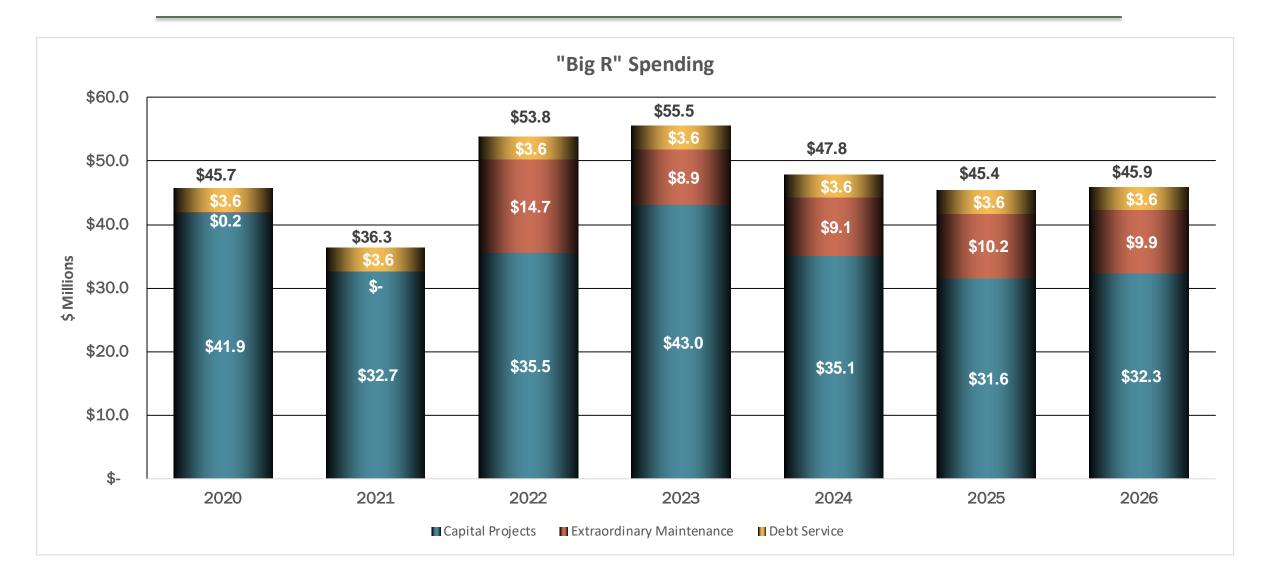
Capital Charge \$/AF	2021	2022	2023	2024	2025	2026
Without Taxes Applied to Repayment	\$79	\$71	\$69	\$70	\$68	\$66
2019/20 Taxes Already Applied to Repayment	(\$8)	-	-	-	-	_
2020 Rate Case Without 2020/21 Taxes						
Applied Toward Repayment	\$71	\$71	\$69	\$70	\$68	\$66
Recommended Rate With Proposed 2020/21						
Taxes Applied Toward Repayment	\$57	\$46	\$69	\$70	\$68	\$66
Advisory Rate (2019)	66	71	68	70		
Change	(9)	(25)	1	-		

Water Volumes

(KAF)	2021	2022	2023	2024	2025	2026
DCP Tier	Zero	Zero	Zero	Zero	Zero	Zero
M&I Subcontract	626	675	672	706	716	716
Federal Contract	582	582	582	606	606	606
Ag Settlement Pool	245	196	196	91	81	81
CAWCD Project Deliveries	1,453	1,453	1,450	1,403	1,403	1,403
Wheeled Water			4	4	4	4
CAGRD credit transfers & Take or Pay	27	28	29	30	32	33
Billed Water Volumes	1,480	1,481	1,483	1,437	1,439	1,440

No excess water anticipated in this period.

"Big R"



Increases in "Big R" from prior estimates are due to increased construction costs and increased extraordinary projects, mostly related to coatings and siphon repairs comprise the majority of extraordinary maintenance projects.

Preliminary 2021-2026 Rate Components

					Advisory							
Units = \$/acre-foot	Historic 2020	Firm 2021	Provisional 2022	2023	2024	2025	2026					
DCP Tier	Zero	Zero	Zero	Zero	Zero	Zero	Zero					
Capital Charges												
(A) M&I – Long Term Subcontract	\$56	\$57	\$46	\$69	\$70	\$68	\$66					
Delivery Charges												
Fixed O&M	\$75	\$78	\$80	\$82	\$89	\$95	\$96					
"Big R"	\$24	\$26	\$29	\$32	\$32	\$32	\$32					
(B) Fixed OM&R	\$99	\$104	\$109	\$114	\$121	\$127	\$128					
(C) Pumping Energy Rate	\$56	\$56	\$56	\$57	\$61	\$61	\$63					
(D) Property Tax Equivalency	TBD	TBD	TBD	TBD	TBD	TBD	TBD					

Preliminary 2021-2026 Rate Schedule

Units = \$/acre-foot	Historic	Firm	Provi- sional		Advisory						
The Letter Designations in the Formulas Refer to the Rate Components above	2020	2021	2022	2023	2024	2025	2026				
DCP Tier	Zero	Zero	Zero	Zero	Zero	Zero	Zero				
M&I Subcontract (B + C)	\$155	\$160	\$165	\$171	\$182	\$188	\$191				
Federal Contract (B + C)	\$155	\$160	\$165	\$171	\$182	\$188	\$191				
Ag Settlement Pool (C)	\$56	\$56	\$56	\$57	\$61	\$61	\$63				
Excess (A + B + C)	\$211	\$217	\$211	\$240	\$252	\$256	\$257				

Preliminary Rates Compared to Previous Rate Case

(\$/acre-foot) Tier 0	2021	2022
Fixed O&M:		
Recommended	78	80
Advisory (2019)	79	80
Change	(1)	0
"Big R":		
Recommended	26	29
Advisory (2019)	24	24
	2	5
Energy:		
Recommended	56	56
Advisory (2019)	57	57
	(1)	(1)

Shortage Case Assumptions

DCP Tier	Lake Mead Elevation	Reduction (AF)
Normal	>1090	-
Tier Zero	1090-1075	192,000
Tier 1	1075-1050	512,000
Tier 2a	1050-1045	592,000
Tier 2b	1045-1025	640,000
Tier 3	<1025	720,000

Fixed OM&R Rate at DCP Tiers

- ✓ Excludes the impact of applying rate stabilization funds
- ✓ Following are the fixed OM&R Rate at the DCP tiers.

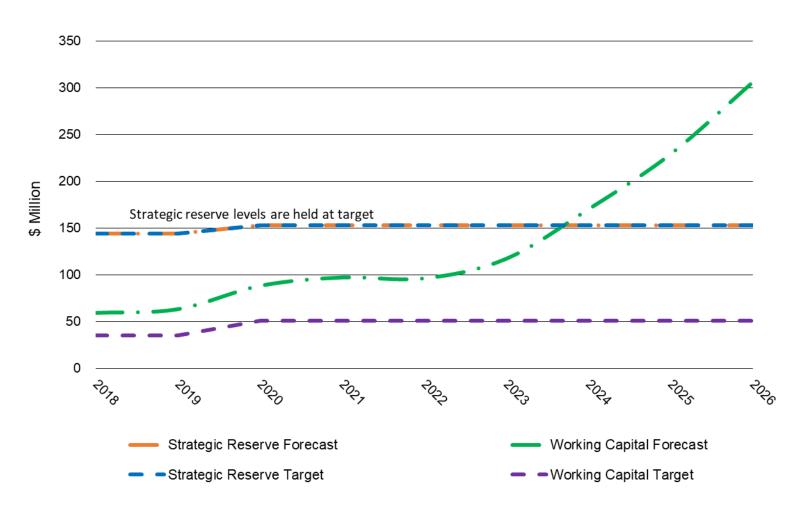
Recommended

✓ The energy costs are assumed to be variable and therefore the Energy Rate remains unchanged

DCP Tier	2022	2023	2024	2025	2026
Normal	\$102	\$107	\$113	\$119	\$120
Tier Zero	\$109	\$114	\$121	\$127	\$128
Tier 1	\$136	\$143	\$153	\$161	\$162
Tier 2a	\$146	\$152	\$165	\$173	\$174
Tier 2b	\$152	\$159	\$172	\$181	\$182
Tier 3	\$164	\$172	\$186	\$196	\$197

Strategic & Working Capital Reserves

Strategic & Working Capital Reserves

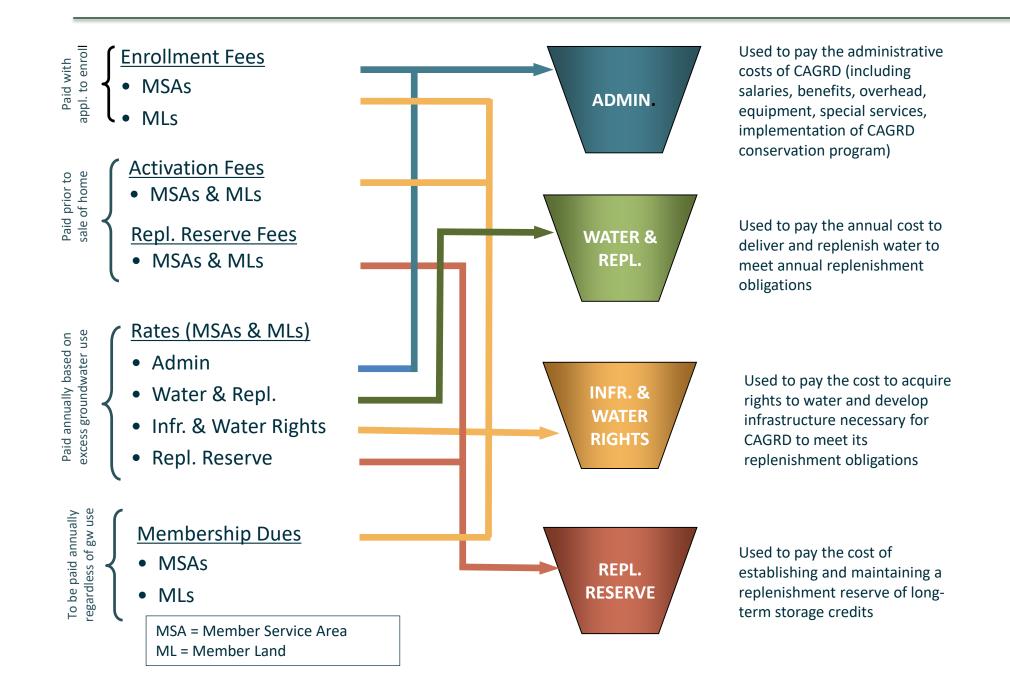


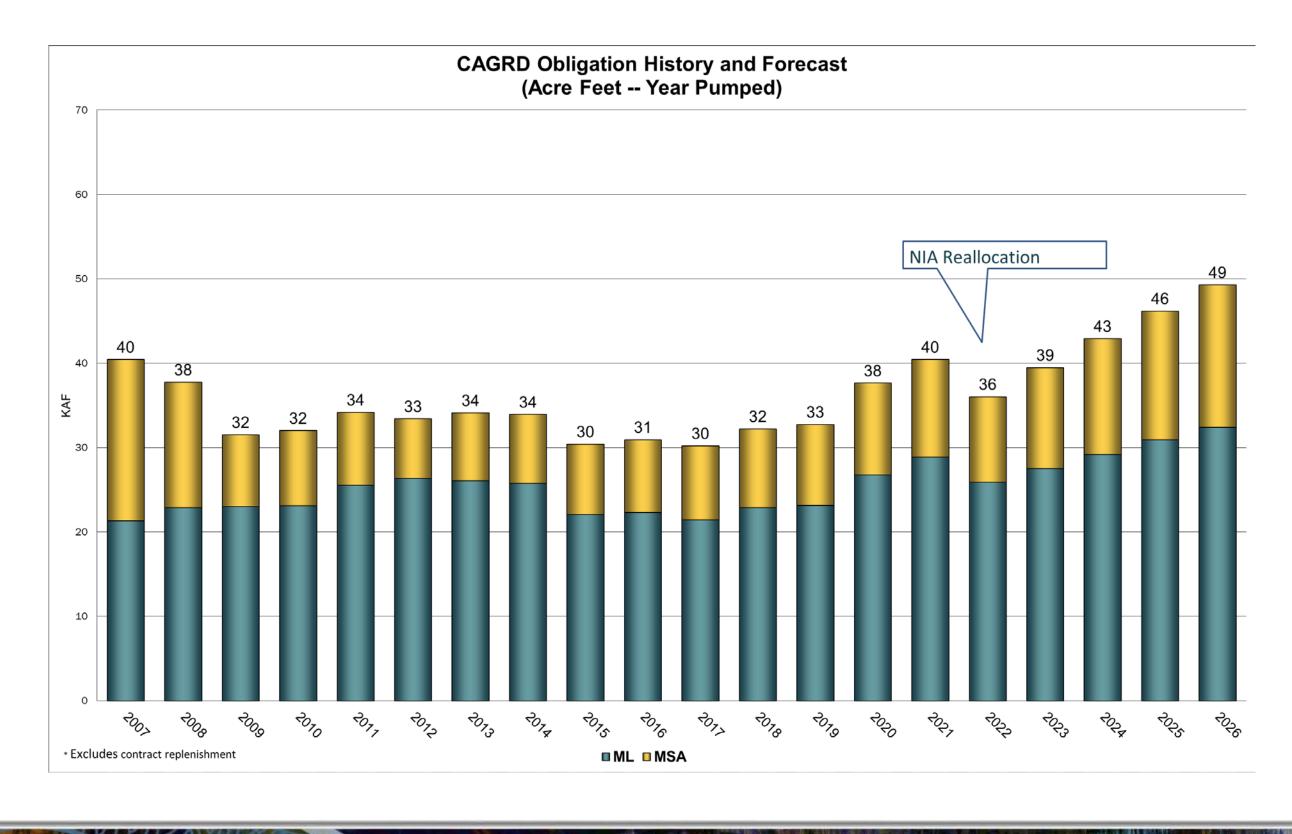
Recharge Rates

	2021	2022	2023	2024	2025	2026
Rates (\$/af)	Firm	Prelim	Advisory	Advisory	Advisory	Advisory
Recharge O&M						
Phoenix AMA	\$13	\$13	\$13	\$14	\$14	\$15
Tucson AMA	\$15	\$15	\$15	\$15	\$15	\$15
Recharge Capital Charge						
Phoenix AMA	\$15	\$15	\$15	\$15	\$15	\$15
Tucson AMA	\$9	\$9	\$9	\$9	\$9	\$9



CAGRD Revenue Stream





CAGRD Revised Methodology

- ✓ All CAWCD M&I allocation water is purchased directly for replenishment from the Water & Replenishment (W&R) account (no change)
- ✓ All other W&R and Replenishment Reserve (RR) purchases are at a standard price
- ✓ The standard price is based on water delivery costs, capital charges, recharge O&M and Department of Water Resources losses/cut to the aquifer (no change)
- ✓ Water & Replenishment fulfills prior year's obligation in the current year.
 - e.g. 2021 replenishment is obligation incurred from 2020
- Administrative rate component is based on the cost of administrative support to operate the CAGRD exclusive of any direct I&WR administrative costs and spread across the forecasted obligation less the contribution from enrollment fee (\$~300,000/year) (no change)

CAGRD Assumptions

- ✓ Obligations are lower than previous forecasts
- ✓ NIA reallocation occurring in 2021 will lower 2022 obligations
- No unusual administrative expenditures during rate period
- ✓ Will continue to contribute to the replenishment reserve at ~3% per year of the Plan of Operation target to stay at or above cumulative goal to demonstrate progress to the target
- ✓ 2022/2023 rates utilize full cost of capital charge without any assumption of tax application toward federal repayment; in the event taxes are applied in those future years, CAGRD rates would decrease proportionately
- ✓ Annual Membership Dues (AMDs) are set at the maximum allowed by state statute for all years
- ✓ Enrollment and activation fees are in alignment with the previous agreement in which Activation Fees increase at 9%/yr & Enrollment Fees and minimum Activation Fees increase at 7%/yr through 2023/2024

CAGRD Results

Rates

- ✓ Administrative rate has increased due to decrease obligation projections
- ✓ Infrastructure & Water Right rate held level through period and meets current projected infrastructure and water right costs
- ✓ Replenishment Reserve rate increases based on standard price projections
- ✓ Water & Replenishment rate increases with standard price projections:
 - Phoenix AMA decreased from advisory rates
 - Pinal AMA increases in 2020/2021 from advisory rates based on needed revenue to meet replenishment needs
 - Tucson AMA decreased but fairly consistent with previous advisory rates

CAGRD Results

Composite Rates

- ✓ All lower than previous advisory rate for 2020/21
- √ 2020/21 as compared to 2019/20
 - Phoenix AMA increases ~3%
 - Pinal AMA increases ~6%
 - Tucson AMA increases ~2%

Fees

✓ No change from previous discussions

Annual Membership Dues

- ✓ Lower than advisory rates based on lower obligation projections
- ✓ Lower projections decrease the total Infrastructure & Water Right collections and AMDs can be no more than 25% of total I&WR projected collection

CAGRD Rates

		Firm Prov			Prov				Advi					
	<u>2019/20</u>		<u>20</u>	<u> 20/21</u>	<u>20</u>	<u>21/22</u>	2022/23		2023/24		2024/25		202	25/26
Phoenix Active Management Area														
Water & Replenishment Component ¹	\$	238	\$	243	\$	229	\$	257	\$	270	\$	275	\$	277
Administrative Component ²		41		47		50		49		48		46		44
Infrastructure & Water Rights Component ³		353		353		353		353		353		353		353
Replenishment Reserve Charge 4		95		104		101		114		120		121		122
Total Assessment Rate (\$/AF)	\$	727	\$	747	\$	733	\$	773	\$	791	\$	795	\$	796
Pinal Active Management Area														
Water & Replenishment Component 1	\$	211	\$	247	\$	240	\$	271	\$	284	\$	288	\$	289
Administrative Component ²		41		47		50		49		48		46		44
Infrastructure & Water Rights Component ³		353		353		353		353		353		353		353
Replenishment Reserve Charge 4		103		104		101		114		120		121		122
Total Assessment Rate (\$/AF)	\$	708	\$	751	\$	744	\$	787	\$	805	\$	808	\$	808
Tucson Active Management Area														
Water & Replenishment Component 1	\$	242	\$	247	\$	240	\$	271	\$	284	\$	288	\$	289
Administrative Component ²		41		47		50		49		48		46		44
Infrastructure & Water Rights Component ³		353		353		353		353		353		353		353
Replenishment Reserve Charge ⁴		102		104		101		114		120		121		122
Total Assessment Rate (\$/AF)	\$	738	\$	751	\$	744	\$	787	\$	805	\$	808	\$	808

			Firm	Prov	Advisory							
		019/20	<u>2020/21</u>	2021/22	2022/23		2023/24		<u>2024/25</u>		20	025/26
Contract Replenishment Tax - Scottsdale 5												
Cost of Water	\$	199	n.a.	n.a.		n.a.		n.a.		n.a.		n.a.
Cost of Transportation		0	n.a.	n.a.		n.a.		n.a.		n.a.		n.a.
Cost of Replenishment		0	n.a.	n.a.		n.a.		n.a.		n.a.		n.a.
Administrative Component ²		41	n.a.	n.a.		n.a.		n.a.		n.a.		n.a.
Total Tax Rate (\$/AF)	\$	240	n.a.	n.a.		n.a.		n.a.		n.a.		n.a.
Enrollment Fee - Commercial Subdivisions ⁶	\$	1,094	\$ 1,184	\$ 1,205	\$	1,307	\$	1,422	т	BD		TBD
		•		• •	-	•	•	•				
Enrollment Fee ⁷	\$	284	\$ 304	\$ 325	\$	_	\$	372		BD		TBD
Activation Fee - Minimum ⁸	\$	282	\$ 302	\$ 323	\$		\$	369		BD		TBD
Activation Fee - Phoenix AMA ⁸	\$	1,080	\$ 1,180	\$ 1,290	\$	1,400	\$	1,520	Т	BD	·	TBD
Activation Fee - Pinal Post-2007 ⁸	\$	1,080	\$ 1,180	\$ 1,290	\$	1,400	\$	1,520	Т	BD	,	TBD
Activation Fee - Tucson AMA ⁸	\$	810	\$ 880	\$ 880	\$	960	\$	1,050	Т	BD		TBD
0												
Member Land Annual Membership Dues (\$/Lot) 9	Φ	00.50	# 05 70	6 07 70	Φ	07.04	Φ	00.00	Φ	04.50	Φ	00.74
Phoenix Active Management Area	\$		\$ 25.78 \$ 19.65	\$ 27.79 \$ 20.62	\$ \$	27.61	\$	30.00	•	31.50	\$	32.71
Pinal Active Management Area		19.36 31.04	\$ 18.65 \$ 20.24	\$ 20.62 \$ 31.72		21.03 31.72	\$ \$	23.46 34.69	•	25.29 34.69	\$ \$	26.96 38.31
Tucson Active Management Area	Ф	31.04	\$ 29.24	φ 31./Z	Ф	31.12	Φ	34.09	Φ	34.09	Φ	30.31

Shortage Rates - for planning purposes

All other rates remain the same	Excludes any rate stabilization													
		Provisional							Advisory					
Water & Replenishment Component		2021/22 20			2022/23 2023/24			<u>20</u>	24/25	202	25/26			
Phoenix AMA	Normal	\$	222	\$	250	\$	262	\$	267	\$	269			
Phoenix AMA	Tier Zero	\$	229	\$	257	\$	270	\$	275	\$	277			
Phoenix AMA	Tier 1	\$	256	\$	286	\$	302	\$	309	\$	311			
Phoenix AMA	Tier 2a	\$	266	\$	295	\$	314	\$	321	\$	322			
Phoenix AMA	Tier 2b	\$	272	\$	302	\$	321	\$	329	\$	331			
Phoenix AMA	Tier 3	\$	284	\$	315	\$	335	\$	344	\$	346			
Replenishment Reserve Charge														
Phoenix AMA	Normal	\$	98	\$	111	\$	117	\$	118	\$	119			
Phoenix AMA	Tier Zero	\$	101	\$	114	\$	120	\$	121	\$	122			
Phoenix AMA	Tier 1	\$	112	\$	126	\$	133	\$	135	\$	136			
Phoenix AMA	Tier 2a	\$	117	\$	130	\$	138	\$	140	\$	141			
Phoenix AMA	Tier 2b	\$	119	\$	133	\$	141	\$	144	\$	145			
Phoenix AMA	Tier 3	\$	124	\$	138	\$	147	\$	150	\$	151			

Shortage Rates - for planning purposes

	Provisional				Advisory					
	2021/22 2022/23		22/23	2023/24		2024/25		2025/26		
Normal	\$	233	\$	264	\$	276	\$	280	\$	281
Tier Zero	\$	240	\$	271	\$	284	\$	288	\$	289
Tier 1	\$	267	\$	300	\$	316	\$	322	\$	323
Tier 2a	\$	277	\$	309	\$	328	\$	334	\$	334
Tier 2b	\$	283	\$	316	\$	335	\$	342	\$	343
Tier 3	\$	295	\$	329	\$	349	\$	357	\$	358
Normal	\$	98	\$	111	\$	117	\$	118	\$	119
Tier Zero	\$	101	\$	114	\$	120	\$	121	\$	122
Tier 1	\$	112	\$	126	\$	133	\$	135	\$	136
Tier 2a	\$	117	\$	130	\$	138	\$	140	\$	141
Tier 2b	\$	119	\$	133	\$	141	\$	144	\$	145
Tier 3	\$	124	\$	138	\$	147	\$	150	\$	151
	Tier Zero Tier 1 Tier 2a Tier 2b Tier 3 Normal Tier Zero Tier 1 Tier 2a Tier 2b	Normal \$ Tier Zero \$ Tier 1 \$ Tier 2a \$ Tier 2b \$ Tier 3 \$ Normal \$ Tier Zero \$ Tier 1 \$ Tier Zero \$ Tier 2 \$ Tier 2 \$ \$ Tier 2 \$ \$ Tier 2 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Normal \$ 233 Tier Zero \$ 240 Tier 1 \$ 267 Tier 2a \$ 277 Tier 2b \$ 283 Tier 3 \$ 295 Normal \$ 98 Tier Zero \$ 101 Tier 1 \$ 112 Tier 2a \$ 117 Tier 2b \$ 119	Normal \$ 233 \$ Tier Zero \$ 240 \$ Tier 1 \$ 267 \$ Tier 2a \$ 277 \$ Tier 2b \$ 283 \$ Tier 3 \$ 295 \$ Normal Tier Zero \$ 101 \$ Tier 1 \$ 112 \$ Tier 2a \$ 117 \$ Tier 2b \$ 119 \$	Normal \$ 233 \$ 264 Tier Zero \$ 240 \$ 271 Tier 1 \$ 267 \$ 300 Tier 2a \$ 277 \$ 309 Tier 2b \$ 283 \$ 316 Tier 3 \$ 295 \$ 329 Normal \$ 98 \$ 111 Tier Zero \$ 101 \$ 114 Tier 1 \$ 112 \$ 126 Tier 2a \$ 117 \$ 130 Tier 2b \$ 119 \$ 133	Normal \$ 233 \$ 264 \$ Tier Zero \$ 240 \$ 271 \$ Tier 1 \$ 267 \$ 300 \$ Tier 2a \$ 277 \$ 309 \$ Tier 2b \$ 283 \$ 316 \$ Tier 3 \$ 295 \$ 329 \$ Normal \$ 98 \$ 111 \$ Tier Zero \$ 101 \$ 114 \$ Tier 1 \$ 112 \$ 126 \$ Tier 2a \$ 117 \$ 130 \$ Tier 2b \$ 119 \$ 133 \$	Normal \$ 233 \$ 264 \$ 276 Tier Zero \$ 240 \$ 271 \$ 284 Tier 1 \$ 267 \$ 300 \$ 316 Tier 2a \$ 277 \$ 309 \$ 328 Tier 2b \$ 283 \$ 316 \$ 335 Tier 3 \$ 295 \$ 329 \$ 349 Normal \$ 98 \$ 111 \$ 117 Tier Zero \$ 101 \$ 114 \$ 120 Tier 1 \$ 112 \$ 126 \$ 133 Tier 2a \$ 117 \$ 130 \$ 138 Tier 2b \$ 119 \$ 133 \$ 141	Normal \$ 233 \$ 264 \$ 276 \$ 276 Tier Zero \$ 240 \$ 271 \$ 284 \$ 284 Tier 1 \$ 267 \$ 300 \$ 316 \$ 316 Tier 2a \$ 277 \$ 309 \$ 328 \$ 328 Tier 2b \$ 283 \$ 316 \$ 335 \$ 35 Tier 3 \$ 295 \$ 329 \$ 349 \$ 349 Normal \$ 98 \$ 111 \$ 117 \$ 120 Tier Zero \$ 101 \$ 114 \$ 120 \$ 133 Tier 1 \$ 112 \$ 126 \$ 133 \$ 138 Tier 2a \$ 117 \$ 130 \$ 138 \$ 141 Tier 2b \$ 119 \$ 133 \$ 141 \$ 141	Normal \$ 233 \$ 264 \$ 276 \$ 280 Tier Zero \$ 240 \$ 271 \$ 284 \$ 288 Tier 1 \$ 267 \$ 300 \$ 316 \$ 322 Tier 2a \$ 277 \$ 309 \$ 328 \$ 334 Tier 2b \$ 283 \$ 316 \$ 335 \$ 342 Tier 3 \$ 295 \$ 329 \$ 349 \$ 357 Normal \$ 98 \$ 111 \$ 117 \$ 118 Tier Zero \$ 101 \$ 114 \$ 120 \$ 121 Tier 1 \$ 112 \$ 126 \$ 133 \$ 135 Tier 2a \$ 117 \$ 130 \$ 138 \$ 140 Tier 2b \$ 119 \$ 133 \$ 141 \$ 144	ZO21/22 ZO22/23 ZO23/24 ZO24/25 ZO2 Normal \$ 233 \$ 264 \$ 276 \$ 280 \$ Tier Zero \$ 240 \$ 271 \$ 284 \$ 288 \$ Tier 1 \$ 267 \$ 300 \$ 316 \$ 322 \$ Tier 2a \$ 277 \$ 309 \$ 328 \$ 334 \$ Tier 2b \$ 283 \$ 316 \$ 335 \$ 342 \$ Tier 3 \$ 295 \$ 329 \$ 349 \$ 357 \$ Normal \$ 98 \$ 111 \$ 117 \$ 118 \$ Tier Zero \$ 101 \$ 114 \$ 120 \$ 121 \$ Tier 1 \$ 112 \$ 126 \$ 133 \$ 135 \$ Tier 2a \$ 117 \$ 130 \$ 138 \$ 140 \$ Tier 2b \$ 119 \$ 133 \$ 141 \$ 144 \$

Shortage Rates - for planning purposes

		Provisional				Advisory					
Water & Replenishment Component		2021/22 2022/23		22/23	2023/24		2024/25		2025/26		
Tucson AMA	Normal	\$	233	\$	264	\$	276	\$	280	\$	281
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Tucson AMA	Tier 3	\$	295	\$	329	\$	349	\$	357	\$	358
Replenishment Reserve Charge											
Tucson AMA	Normal	\$	98	\$	111	\$	117	\$	118	\$	119
Tucson AMA	Tier Zero	\$	101	\$	114	\$	120	\$	121	\$	122
Tucson AMA	Tier 1	\$	112	\$	126	\$	133	\$	135	\$	136
Tucson AMA	Tier 2a	\$	117	\$	130	\$	138	\$	140	\$	141
Tucson AMA	Tier 2b	\$	119	\$	133	\$	141	\$	144	\$	145
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