

DR #1005

**DATA INFORMATION REQUEST  
MISSOURI-AMERICAN WATER COMPANY  
CASE NO. W0-2002-273  
STAFF DATA REQUEST NO. 1005**

**NP**

Requested From: Jim Jenkins  
Date Requested: 01/25/02  
Requested By: Mark Oligschlaeger

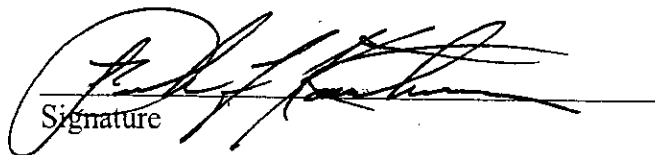
**Information Requested:**

Do the MAWC companies propose to defer carrying charges for its security related capital costs? If so, please provide the proposed carrying charge rate to be used for this purpose, and the basis for this proposed rate.

**Information Provided:**

Yes. The Company proposes to use the AFUDC rate that is used to book AFUDC in its financial statements. The method used will incorporate the actual debt and equity of the Company. This method for calculating AFUDC was a result of MAWC's 1999 rate case. The rate will change each month as the capital structure changes. See attached for January, 2002 rate.

The information provided in response to the above information request is true and correct based upon present facts known.

  
Signature

Date Request Received 1/25/02

Date Response Sent 2 / 13 / 02

Schedule KKB-10

MAR 05 2002

Missouri-American Water Company  
Weighted Cost of Capital  
@ 12/31/01

January AFUDC rate calculation

	Rate	@ 12/31/01 Principal Amount	@ 12/31/01 Unamortized Debt Expense	Net Proceeds	Annual Cost	Annual Amortization	total cost	Overall Rate	Ratio	Weighted Cost
<b>Long term debt</b>										
<b>Missouri-American</b>										
BD170012 - due 2005	9.0100%	5,700,000	10,698	5,689,302	513,570	3,468	517,038			
due 2021	7.1250%		0	0	0	0	0			
BD170008 - due 2023	5.5000%	4,890,000	272,594	4,617,406	268,950	12,981	281,931			
BD170006 - due 2025	8.5800%	3,000,000	60,109	2,939,891	257,400	2,595	259,995			
BD170010 - due 2026	5.8500%	6,000,000	365,780	5,634,220	351,000	14,930	365,930			
BD170005 - due 2027	7.7900%	8,000,000	96,571	7,903,429	623,200	3,799	626,999			
BD170009 - due 2028	5.0000%	4,500,000	308,584	4,191,416	225,000	11,832	236,832			
BD170009 & 11 - due 2028	5.0000%	19,000,000	1,126,720	17,873,280	950,000	41,980	991,980			
BD170007 - due 2034	7.1400%	12,500,000	269,311	12,230,689	892,500	8,371	900,871			
due 2002	10.0000%	0	0	0	0	0	0			
BD170013 - due 2030	5.9000%	29,000,000	1,391,992	27,608,008	1,711,000	49,274	1,760,274			
<b>Current portion</b>										
due 2001	10.0000%	0	0	0	0	0	0			
<b>St. Louis</b>										
			72,906	(72,906)	0	12,322	12,322			
			185,817	(185,817)	0	30,756	30,756			
BD350005	10.0500%	3,851,400	38,697	3,812,703	387,066	5,595	392,661			
BD350006	9.4900%	11,000,000	75,305	10,924,695	1,043,900	2,697	1,046,597			
BD350007			1,263,707	(1,263,707)	0	66,221	66,221			
BD350008			1,307,033	(1,307,033)	0	65,079	65,079			
BD350009 - due 2023	5.5000%	14,910,000	546,071	14,363,929	820,050	26,004	846,054			
BD350013 - due 2028	5.1000%	25,000,000	882,432	24,117,568	1,275,000	33,831	1,308,831			
BD350014 - due 2029	5.0000%	40,000,000	1,490,542	38,509,458	2,000,000	55,032	2,055,032			
BD350011 - due 2026	5.5000%	19,900,000	785,889	19,114,111	1,094,500	31,752	1,126,252			
BD350012 - due 2007	7.5000%	15,000,000	76,197	14,923,803	1,125,000	14,514	1,139,514			
BD350010 - due 2025	5.7000%	11,895,000	460,461	11,434,539	678,015	19,733	697,748			
Weighted cost of long term debt		234,146,400	11,087,416	223,058,984	14,216,151	512,766	14,728,917	6.6031%	49.93%	3.296801%
<b>Preferred stock</b>										
PS170003	5.8750%	204,000	2,996	201,004	11,985	0	11,985			
	4.2500%	0	0	0	0	0	0			
PS170001	9.1800%	2,500,000	37,660	2,462,340	229,500	0	229,500			
Weighted cost of preferred stock		2,704,000	40,656	2,663,344	241,485	0	241,485	9.0670%	0.60%	0.054053%
<b>Common equity</b>										
	10.4700%	196,286,948	0	196,286,948	20,551,243	0	20,551,243	10.4700%	43.94%	4.600057%
<b>Bank debt</b>										
	2.8928%	24,751,337	0	24,751,337	716,017	0	716,017	2.8928%	5.54%	0.160266%
<b>Total</b>										
		457,888,685	11,128,072	446,760,613	35,724,896	512,766	36,237,662		100.00%	8.111177%

\*\* investment in united @ 8/31 is \$10,149,773

Note: Combine LT and ST In JDE STAR Report

		Monthly Rate	1/2 Month Rate	Rates in STAR Reports	
				Full Month	1/2 Month
Equity Rate AFUDC	4.654110%	0.387843%	0.193922%	0.193920%	0.096960%
LT Debt Rate AFUDC	3.296801%	0.274733%	0.137367%	0.137370%	0.068680%
ST Debt Rate AFUDC	0.160266%	0.013356%	0.006678%	0.006680%	0.003340%
Total AFUDC	8.111177%	0.675932%	0.337967%	0.337970%	0.168980%

**NP**