Public Counsel Witness Kind's Scenario C Workpapers

Scenario C is the same as the revenue requirement analysis described in the Direct Testimony of UE witness Richard Voytas for the Metro East Transfer option and the combustion turbine generator (CTG) option except that the cost per kW of installed combustion turbine generator (CTG) capacity in the CTG option analysis has been reduced from \$471/kW to \$450/kW.

Note – The adjustment that Public Counsel witness Kind made to UE witness Voytas's revenue requirement analysis in Scenario C was made to correct some very obvious deficiencies in Mr. Voytas's analysis (Scenario A). Public Counsel witness Kind believes that the assumptions upon which Scenario C is based are much more reasonable than the assumptions made in Mr. Voytas's analysis. However, Public Counsel believes there are additional unreasonable assumptions made in Mr. Voytas's analysis, such as assuming in the Metro East transfer option analysis that the costs of compliance with environmental regulations will remain unchanged for the next 25 years, and these additional unreasonable assumptions were not addressed in Scenarios C.

APR 1 6 2004

Alissouri Public Service Commission

AmerenUE Financial Assumptions

SHORT TERM DEBT RATIO	0.00%
LONG TERM DEBT RATIO	45.00%
PREFERRED STOCK RATIO	0.00%
COMMON EQUITY RATIO	55.00%
INTEREST RATE - SHORT TERM DEBT	0.00%
INTEREST RATE - LONG TERM DEBT	8.00%
PREFERRED RATE	N/A
RETURN ON COMMON	12.61%
FEDERAL INCOME TAX RATE	35.00%
MISSOURI INCOME ALLOCATION	100.00%
MISSOURI INCOME TAX RATE	6.25%
FEDERAL TAX DEDUCTIBLE	50.00%
ILLINOIS INCOME ALLOCATION	0.00%
ILLINOIS INCOME TAX RATE	7.30%
FEDERAL TAX DEDUCTIBLE	0.00%
TAX TO BOOK RATIO	100.00%
PROPERTY TAX RATE	1.80%
Derived Parameters	
RATE OF RETURN	10.63%
DISCOUNT RATE (AFTER TAX)	9.50213%

Annual Fixed Charge Rate

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

0.206819 0.196707 0.187167 0.178144 0.169585 0.161444 0.153679 0.145914 0.13814876 0.130384 0.122619 0.114854 0.107089 0.099324 0.091559 0.083794 0.079415 0.075035 0.076656 0.066277 0.081897 0.057518 0.053138 0.048759 0.048759

UE/ILL Transfer Results Year 2004

	No Transfer	With UE-ILL Transfer	Difference Transfer - No Transfer	Savings
Net fuel & purchase \$ including				
revenuses from SET *	\$319,868,196	\$263,762,959	-\$56,105,237	
SET SO2 Adjustment #	-\$4,002,450	-\$6,056,600	-\$2,054,150	
Adjusted \$	\$315,865,746	\$257,706,359	-\$58,159,387	
UE Net Output - MWH	39,251,164	35,135,817	-4,115,347	
Rate	\$8.05	\$7.33	\$0.71	
Savings				\$25,041,970
Savings = Rate Reduction x Rema	ning Net Output			
	No Transfer	With Transfer	Difference	% of Trans
	20,800	700	-20,100	
SET From Gen to UE SET From UE to Gen	8.025.700	12,113,900	4,088,200	-99%

July 14, 2004 Modified 7/24/03 q:\fb0312\studies\uetransdmq3\summary3.xls

AmerenUE
Illinois Generation Rate Base and Revenue Requirement
Adjusted Twelve Months Ending December 31, 2002
Without AmerenUE Illinois Asset Transfer

Rate Base	Generation Total AmerenUE	Generation AmerenUE-ILL	AmerenUE-ILL Allocated to Wholesale	AmerenUE-IL Allocated to AmerenUE-MO	AmerenUE-IL Allocated to AmerenUE-MO
Production Plant	\$5,480,084,533	\$346,251,401	\$7,028,903	\$339,222,498	\$339,222,498
Allocation of General Plant	289,170,439	22,555,294	482,683	22,072,611	22,072,611
Total Plant	5,769,254,972	368,806,695	7,511,587	361,295,109	361,295,109
Depreciation Reserve - Production Plant	2,261,231,813	143,707,140	2,917,255	140,789,885	140,789,885
Depreciation Reserve - General Plant	82,329,592	6.421,708	137,425	6,284,284	6,284,284
Total Reserve	2,343,561,405	150,128,848	3,054,679	147,074,169	147,074,169
Net Plant	3,425,693,567	218,677,847	4,456,907	214,220,940	214,220,940
Unburned Nuclear Fuel in Reactor	60,729,909	5,751,122	131,126	5,619,997	5,619,997
Fuel (Fossil)	55,066,411	5,214,789	118,897	5,095,892	5,095,892
Materials and Supplies	65,170,078	6,171,606	140,713	6,030,894	6,030,894
Prepayments	4,597,634	403,213	8,871	394,342	394,342
Accumulated Deferred Income Taxes	(562,358,851)	(36,609,561)	(743,174)	(35,866,387)	(35,866,387)
Total Rate Base	\$3,048,898,748	\$199,609,016	\$4,113,339	\$195,495,677	\$195,495,677
Fuel and Purchased Power For Load (1)	\$385,077,420	\$36,466,832	\$831,444	\$35,635,388	\$35,635,388
Other Production Expenses (1)	310,650,540	27,766,026	633,065	27,132,961	26,425,243
Fuel and Purchased Power For Interchange	127,712,586	12,094,382	275,752	11,818,630	0
Interchange Sales	(163,724,350)	(15,504,696)	(353,507)	(15,151,189)	0
Total Production Expenses	659,716,196	60,822,544	1,386,754	59,435,790	62,060,631
Administrative & General Expenses (2)	137,197,167	10,701,379	229,010	10,472,370	10,472,370
Depreciation Expense - Production Plant	155,038,655	9,635,535	195,601	9,439,934	9,439,934
Depreciation Expense - General Plant	6,242,012	486,877	10,419	476,458	476,458
Taxes Other Than Income	67,665,534	4,606,042	93,503	4,512,539	4,512,539
Income Taxes	138,791,979	9,619,429	387,764	9,231,664	9,231,664
Return	287,419,685	18,817,142	198,227	18,618,915	18,618,915
Total Revenue Requirement	\$1,452,071,228	\$114,688,947	\$2,501,279	\$112,187,669	\$114,812,510

⁽¹⁾ The Production O&M Expenses included the cost of Callaway Refuel 12. Since the refuelings only occur every 18 months the above Production O&M Expenses were adjusted to only include 2/3 (12 months) of the Callaway Refuel 12 expenses.(Total \$10 m Purchased Power and \$35 m Other).

⁽²⁾ The Administrative & General Expenses included \$65,201,317 one time costs related the VRP and the Venice Plant shutdown. These expenses were removed.

SO₂ Allowance

\$/ton

170

from Tony Artman

2001	tons	rev/cost
sold	145,000	\$24,650,000
bought	40,000	\$6,800,000
net	105,000	\$17,850,000

2002	tons	rev/cost
sold	70,014	\$11,902,380
bought	10,000	\$1,700,000
net	60,014	\$10,202,380

2001 reflects a more typical year than 2002, so we should make an adjustment

		AmerenUE	AmerenUE-IL	AmerenUE-WSL	AmerenUE-MO portion of IL		
net	44,986	7,647,620	724,230	16,512	0	•	0
		,	0.0947	0.0228	0.9772		

AmerenUE Missouri Generation Rate Base and Revenue Requirement Twelve Months Ending December 31, 2007

Twelve Months Ending December :	31, 2007													
	12/31/2004	1 12/31/2004	2 12/31/2005	3 12/31/2006	4 12/31/2007	5 12/31/2008	6 12/31/2009	7 12/31/2010	8 12/31/2011	9 12/31/2012	10 12/31/2013	11 12/31/2014	12 12/31/2015	13 12/31/2016
	Generation AmerenUE-MO	Impact on AmerenUE-MO												
Rate Base	Antheimster Mc													
Production Plant	EE 450 504 522	£220.000 inn												
Allocation of General Plant	\$5,480,084,533 289,170,439	\$339,222,498												
Total Plant		22,072,611												
Depreciation Reserve - Production Plant	5,769,254,972	361,295,109												
Depreciation Reserve - General Plant	2,261,231,813	140,789,885												
Total Reserve	82,329,592	6,284,284		,										
Net Plant	2,343,561,405	147,074,169												
	3,425,693,567	214,220,940	1			-								
Unburned Nuclear Fuel in Reactor	60,729,909	5,619,997												
Fuel (Fossil)	55,066,411	5,095,892												
Materials and Supplies	65,170,078	6,030,894												
Prepayments	4,597,634	394,342												
Accumulated Deferred Income Taxes	(562,358,851)	(35,866,387)												
Total Rate Base	\$3,048,898,748		\$185,579,286	\$175,662,894	\$165,746,503	\$155,830,111	\$145,913,720	\$135,997,329	\$126,080,937	\$116,164,546	\$106,248,154	\$96,331,763	\$86,415,372	\$76,498,980
Fuel and Purchased Power	\$385,077,420	\$35,635,388	\$35.635.368	\$35,635,388	\$35,635,388	\$35,635,388	\$35,635,388	\$35,635,388	\$35,635,388	\$35,635,388	\$35,635,388	\$35,635,388	\$35,635,388	\$35,635,388
Other Production Expenses	310,650,540	26,425,243	26,425,243	26,425,243	26,425,243	26,425,243	26,425,243	26,425,243	26,425,243	26,425,243	26,425,243	26,425,243	26,425,243	26,425,243
Fuel and Purchased Power For Interchange	127,712,586		,			, 12512 10	20,120,2.0	-	,	,125,210	-		,	
Interchange Sales	(163,724,350)				_	_	_		-	_	-	_		
Total Production Expenses	659,716,196	62,060,631	62,060,631	62,060,631	62,060,631	62,060,631	62,060,631	62,060,631	62,060,631	62,060,631	62,060,631	62,060,631	62.060,631	62,060,631
Administrative & General Expenses	137,197,167	10,472,370	10,472,370	10,472,370	10,472,370	10,472,370	10,472,370	10,472,370	10,472,370	10,472,370	10,472,370	10,472,370	10,472,370	10,472,370
Depreciation Expense - Production Plant	155,038,655	9,439,934	9,439,934	9,439,934	9,439,934	9,439,934	9,439,934	9,439,934	9,439,934	9,439,934	9,439,934	9,439,934	9,439,934	9,439,934
Depreciation Expense - General Plant	6,242,012	476,458	476,458	476,458	476,458	476,458	476,458	476,458	476,458	476,458	476,458	476,458	476,458	476,458
Taxes Other Than Income	67,665,534	4,512,539	4,512,539	4,512,539	4.512,539	4,512,539	4,512,539	4,512,539	4,512,539	4,512,539	4,512,539	4,512,539	4,512,539	4,512,539
Income Taxes	138,791,979	9,231,664	8,763,394	8,295,124	7,826,854	7,358,584	6,890,313	6,422,043	5,953,773	5,485,503	5,017,233	4,548,962	4,080,692	3,612,422
Return	287,419,685	18,618,915	17,674,482	16,730,050	15,785,617	14,841,185	13,896,753	12,952,320	12,007,888	11,063,456	10,119,023	9,174,591	8,230,159	7,285,726
Total Revenue Requirement	\$1,452,071,228	\$114,812,510	\$113,399,808	\$117.987,105	\$110,574,403	\$109,161,700	\$107,748,998	\$106,336,295	\$104,923,593	\$103,510,890	\$102,098,188	\$100,685,485	\$99,272,782	\$97,860,080
			14	15	16	17	18	19	20	21	22	23	24	25
			12/31/2017	12/31/2018	12/31/2019	12/31/2020	12/31/2021	12/31/2022	12/31/2023	12/31/2024	12/31/2025	12/31/2026	12/31/2027	12/31/2028
Total Rate Base			\$66,582,589	\$56,666,197	\$46,749,806	\$36,833,415	\$26,917,023	\$17,141,124	\$17,141,124	\$17,141,124	\$17,141,124	\$17,141,124	\$17,141,124	\$17,141,124
		•												
Fuel and Purchased Power			\$35,635,388	\$35,635,388	\$35,635,388	\$35,635,388	\$35,635,388	\$35,635,388	\$35,635,388	\$35,635,388	\$35,635,388	\$35,635,388	\$35,635,388	\$35,635,388
Other Production Expenses			26,425,243	26,425,243	26,425,243	26,425,243	26.425.243	26,425,243	26,425,243	26,425,243	26,425,243	26,425,243	26,425,243	26,425,243
interchange Sales			0	0	0	0	0	0	0	0	0	0	0	0
Total Production Expenses		•	62,060,631	62,060,631	62,060,631	62,060.631	62,060,631	62,060.631	62,060,631	62,060,631	62,060,631	62,060,631	62,060,631	62,060,631
Administrative & General Expenses			10,472,370	10,472,370	10,472,370	10,472,370	10,472,370	10,472,370	10,472,370	10,472,370	10,472,370	10,472,370	10,472,370	10,472,370
Depreciation Expense - Production Plant			9,439,934	9,439,934	9,439,934	9,439,934	9,439,934	9,439,934	9,439,934	9,439,934	5,689,554	0	0	0
Depreciation Expense - General Plant			476,458	476,458	476,458	476,458	476,458	476,458	476,458	476,458	287,166	0	ō	0
Taxes Other Than income			4,512,539	4,512,539	4,512,539	4,512,539	4,512,539	4,512,539	4,512,539	4,512,539	4,512,539	4,512,539	4,512,539	4,512,539
Income Taxes			3,144,152	2,675,882	2,207,612	1,739,341	1,271,071	809,435	809,435	809,435	809,435	809,435	809,435	809,435
Return			6,341,294	5,396,861	4,452,429	3,507,997	2.563.564	1,632,512	1,632,512	1,632,512	1,632,512	1,632,512	1,632,512	1,632,512
Total Revenue Requirement			\$96,447,377	\$95,034,675	\$93,621,972	\$92,209,270	\$90,796,567	\$89,403,879	\$89,403,679	\$89,403,879	\$85,464,208	\$79,487.488	\$79,487,488	\$79,487,488
							4041.00,001	200, 100,010	444, .00,010	755, 100,07 8	4001.004.000	2. 2, 3	5.51.0.1.50	

NPV of Total Revenue Requirements Equivalent Annuity \$959,642,323 (\$103)

Economic Analysis of Purchase of AEG CTG's

0.17 596.7 MW 450 \$/Kw 7.80 \$/Kw-yr Reserve Margin Capacity Capital cost fixed cost nonvariable fuel transportation

\$762,000

	1	2	3	4	5	6	7	8	9	10 1	1 12	13	14	15	16 1	7 18	19	20	21	22	23	24	25
Capital	55,534,095	52,818,660	50,257,174	17,834,243 4	15,536,010	43,350,006 4	11,265,009 39,1	80,011 37,0	95,013 35,0	010,016 32.925,01	8 30,840,020	28,755,023 2	6,670,025 24,58	5,027 22,500	,030 21,324,08	7 20,148,144	18,972,201	17,796,258	16.620,315 15	,444,372 14,26	88,429 1	3,092,486	11,916,543
O&M	5,416,260	5,509,345	5,604,292	5,701,138	5,799,921	5,900,679	6,003,453 6,1	08,282 6,2	15,207 6,3	324,272 6,435,51	7 6,548,987	6,664,727	6,782,782 6,90	3,197 7,026	,021 7,151,30	2 7,279,088	7,409,429	7,542,378	7,677,986 7	,816,305 7,95	57,391	8,101,299	8,248,085
Total	60,950,355	58.328.005	55.861.466 5	3.535.381 5	1.335.931	49,250,685, 4	7 268 461 45 2	88 293 43 3	10 221 41 3	334 287 39 360 53	5 37 389 008	35 419 750 3	3 452 807 31 48	IR 225 29 526	051 28 475 38	A 27 427 231	26 381 630	25 338 636 3	24 298 300 - 23	260 677 22 2	25.820 2	1.193.785	20.164.628

^{*} This tolling contract only covers June through September for the years, 2002-2010.

NPV PMT \$424,617,065 (\$44,999,740)

T		C	T
Transfer	DEHL	Service	Territory

	Annuity	PV	Year i	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	year 10	Year 17	Y 88F 12	100113	100114	1001 10	700.		(44.4)	100.45	(00.4)	(89.4)	(85.5)	(79.5)	(79.5)	(79.5)
Revenue Requirements	(103.80)	(1007.3)	(114.8)	(113.4)	(112.0)	(110.6)	(109.2)	(107.7)	(106.3)	(104.9)	(103.5)	(102.1)	(100.7)	(99.3)	(97.9)	(96.4)	(95.0)	(93.6)	(92.2)	(90.8)	(89.4)	(89.4)				35.6	35.6
		345.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35. 6	35.6	35.6	35.6	35.6	35.6		
Annual Production Cost Savings	\$35.6									25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Annual Variable Production Cost Savings	25.0	243.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0				(40.0)	(38.6)	(37.2)	(35.8)	(34.4)	(32.9)	(31.5)	(30.1)	(28.7)	(28.7)	(28.7)	(24.8)	(18.8)	(18.8)	(18.8)
	(43.1)	(418.4)	(54.1)	(52.7)	(51.3)	(49.9)	(48.5)	(47.1)	(45.7)	(44.2)	(42.8)	(41.4)	(40.0)	(36.6)	(31.2)	(33.0)	(54.4)	(02.5)	(01.0)	(00)	(,	,,	(- <i>r</i>				
																					0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital and Fixed Cost	\$0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
Margin on Energy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0
o the finding of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	5.0	•••									_											14.5.5	(40.0)
Tatal Cont	(10.4)	1440.4	75 A 4 3	(50.51)	(51.5)	(40.0)	(48.5)	(47.1)	(45.7)	(44.2)	(42.8)	(41.4)	(40.0)	(38.6)	(37.2)	(35.8)	(34.4)	(32.9)	(31.5)	(30.1)	(28.7)	(28.7)	(28.7)	(24.8)	(18.8)	(18.8)	(18.8)
Total Cost	(43.1)	(418.4)	(54.1)	(52.7)	(51.3)	(49.9)	(46.5)	(47.17	(45.7)	(44.2)	(42.0)	(-11)	(40.0)	(00.0)	()	(,	. ,	• •	•								
						D																					
						Pur	chase CTG								V 40	V 14	V 1E	Vace 16	Vanz 17	Veer 18	Year 19	Year 20	Year 21	Year 22	Year 23	Year 24	Year 25
	Annuity	₽V	Year 1	Year 2	Year 3	Pur Year 4	chase CTG Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	Year 21	Year 22 0.0	Year 23 0.0	Year 24 0,0	Year 25 0.0
Revenue Requirements			Year 1 0.0	Year 2 0.0	Year 3 0.0	Pur Year 4 0.0	chase CTG Year 5 0.0	Year 6 0.0	Year 7 0.0	Year 8 0.0	Year 9 0.0	Year 10 0.0	Year 11 0.0	Year 12 0.0	Year 13 0.0	Year 14 0.0	Year 15 0.0	Year 16 0.0	Year 17 0.0	Year 18 0.0	0.0	Year 20 0.0	Year 21 0.0	Year 22 0.0	Year 23 0.0 0.0	Year 24 0.0 0.0	0.0
	\$0.0	0.0	0.0	0.0	0.0	Year 4 0.0	Year 5 0.0	Year 6	Year 7 0.0 0.0		Year 9 0.0 0.0	Year 10 0.0 0.0	Year 11 0.0 0.0	0.0	0.0	0.0	0.0	Year 16 0.0 0.0	0.0	0.0	0.0	0.0	Year 21 0.0 0.0	0.0	0.0	0.0	0.0 0.0
Annual Production Cost Savings	\$0.0 \$0.0	0.0 0.0	0.0 0.0	0.0 0.0		Year 4 0.0 0.0	Year 5 0.0 0.0	Year 6 0.0		0.0							0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0 0.0	0.0 0.0	0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0 0.0
	\$0.0 \$0.0 \$0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	Year 4 0.0 0.0 0.0	Year 5 0.0 0.0 0.0	Year 6 0.0 0.0 0.0	0.0 0.0	0.0 0.0 0.0	0.0 0.0	0.0 0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0 0.0
Annual Production Cost Savings	\$0.0 \$0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0	Year 4 0.0 0.0	Year 5 0.0 0.0	Year 6 0.0		0.0	0.0	0.0	0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0 0.0							
Annual Production Cost Savings Annual Variable Production Cost Savings	\$0.0 \$0.0 \$0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	Year 4 0.0 0.0 0.0 0.0	Year 5 0.0 0.0 0.0 0.0	Year 6 0.0 0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0	0.0 0.0 0.0	0.0 0.0	0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0 0.0
Annual Production Cost Savings Annual Variable Production Cost Savings Capital and Fixed Cost	\$0.0 \$0.0 \$0.0 0.0 (45.00)	0.0 0.0 0.0 0.0 (424.5)	0.0 0.0 0.0 0.0 (61.0)	0.0 0.0 0.0 0.0 (58.3)	0.0 0.0 0.0 0.0 (55.9)	Year 4 0.0 0.0 0.0	Year 5 0.0 0.0 0.0	Year 6 0.0 0.0 0.0	0.0 0.0 0.0 (47.3)	0.0 0.0 0.0	0.0 0.0 0.0 (43.3)	0.0 0.0 0.0 (41.3)	0.0 0.0	0.0 0.0 0.0 (37.4)	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0 0.0 (27.4)	0.0 0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0 0.0
Annual Production Cost Savings Annual Variable Production Cost Savings	\$0.0 \$0.0 \$0.0 0.0 (45.00) \$1.3	0.0 0.0 0.0 0.0 (424.6) 12.3	0.0 0.0 0.0 0.0 0.0 (61.0)	0.0 0.0 0.0 0.0 0.0 (58.3)	0.0 0.0 0.0 0.0 0.0 (55.9)	Year 4 0.0 0.0 0.0 0.0 0.0 (53.5) 1.2	Year 5 0.0 0.0 0.0 0.0 0.0 (51.3)	Year 6 0.0 0.0 0.0 0.0 0.0 (49.3)	0.0 0.0 0.0 (47.3) 1.7	0.0 0.0 0.0 0.0 0.0 (45.3)	0.0 0.0 0.0 (43.3) 1.7	0.0 0.0 0.0 (41.3) 1.7	0.0 0.0 0.0 (39.4) 1.7	0.0 0.0 0.0 (37.4) 1.7	0.0 0.0 0.0 (35.4) 1.7	0.0 0.0 0.0 (33.5) 1.7	0.0 0.0 0.0 (31.5) 1.7	0.0 0.0 0.0 (29.5) 1.7	0.0 0.0 0.0 (28.5) 1.7	0.0 0.0 0.0 (27.4) 1.7	0.0 0.0 0.0 0.0 0.0 (26.4)	0.0 0.0 0.0 (25.3) 1.7	0.0 0.0 0.0 (24.3) 1.7	0.0 0.0 0.0 (23.3) 1.7	0.0 0.0 0.0 (22.2) 1.7	0.0 0.0 0.0	0.0 0.0 0.0 0.0
Annual Production Cost Savings Annual Variable Production Cost Savings Capital and Fixed Cost	\$0.0 \$0.0 \$0.0 0.0 (45.00)	0.0 0.0 0.0 0.0 (424.5)	0.0 0.0 0.0 0.0 (61.0)	0.0 0.0 0.0 0.0 (58.3)	0.0 0.0 0.0 0.0 (55.9)	Year 4 0.0 0.0 0.0 0.0	Year 5 0.0 0.0 0.0 0.0	Year 6 0.0 0.0 0.0 0.0	0.0 0.0 0.0 (47.3)	0.0 0.0 0.0	0.0 0.0 0.0 (43.3)	0.0 0.0 0.0 (41.3)	0.0 0.0 0.0	0.0 0.0 0.0 (37.4)	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0 (27.4)	0.0 0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0 (21.2) 1.7	0.0 0.0 0.0 0.0 (20.2)
Annual Production Cost Savings Annual Variable Production Cost Savings Capital and Fixed Cost	\$0.0 \$0.0 \$0.0 0.0 (45.00) \$1.3	0.0 0.0 0.0 0.0 (424.6) 12.3	0.0 0.0 0.0 0.0 0.0 (61.0)	0.0 0.0 0.0 0.0 0.0 (58.3)	0.0 0.0 0.0 0.0 0.0 (55.9)	Year 4 0.0 0.0 0.0 0.0 0.0 (53.5) 1.2	Year 5 0.0 0.0 0.0 0.0 0.0 (51.3)	Year 6 0.0 0.0 0.0 0.0 0.0 (49.3)	0.0 0.0 0.0 (47.3) 1.7	0.0 0.0 0.0 0.0 0.0 (45.3)	0.0 0.0 0.0 (43.3) 1.7	0.0 0.0 0.0 (41.3) 1.7	0.0 0.0 0.0 (39.4) 1.7	0.0 0.0 0.0 (37.4) 1.7	0.0 0.0 0.0 (35.4) 1.7	0.0 0.0 0.0 (33.5) 1.7	0.0 0.0 0.0 (31.5) 1.7	0.0 0.0 0.0 (29.5) 1.7	0.0 0.0 0.0 (28.5) 1.7	0.0 0.0 0.0 (27.4) 1.7	0.0 0.0 0.0 0.0 0.0 (26.4)	0.0 0.0 0.0 (25.3) 1.7	0.0 0.0 0.0 (24.3) 1.7	0.0 0.0 0.0 (23.3) 1.7	0.0 0.0 0.0 (22.2) 1.7	0.0 0.0 0.0 (21.2) 1.7	0.0 0.0 0.0 0.0 (20.2)

Annuity PV 1/1/0:

transfer is less by (Transfer - CTG)

Ameren-UE Illinois Service Territory Transfer vs. CTG Options

Impact on AmerenUE-Missouri

	Service Territory	Purchase CTG
Annual Revenue Requirements	(103.8)	0.0
Annual Production Cost Savings	35.6	0.0
Annual Variable Production Cost Savings	25.0	0.0_
	(43.1)	0.0
Annual Demand Charges	0.0	(45.0)
Annual Margin on Energy	0.0	1.3_
	0.0	(43.7)
Total	(43.1)	(43.7)