Revised Szerszen Risk Premium Analysis (Electric) Projected Interest Rates

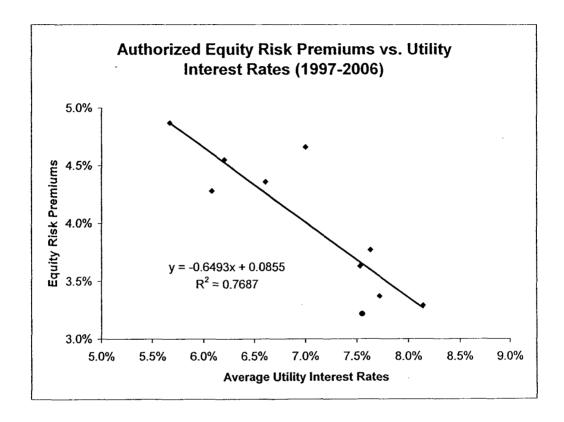
	MOODVIC AVEDACE	ALITUODIZED.	INDICATED	
	MOODY'S AVERAGE PUBLIC UTILITY	AUTHORIZED ELECTRIC	INDICATED RISK	
	BOND YIELD (1)	RETURNS (2)	PREMIUM	
1997	7.63%	11.40%	3.77%	
1997		11.40%		
	7.00%		4.66%	
1999	7.55%	10.77%	3.22%	
2000	8.14%	11.43%	3.29%	
2001	7.72%	11.09%	3.37%	
2002	7.53%	11.16%	3.63%	
2003	6.61%	10.97%	4.36%	
2004	6.20%	10.75%	4.55%	
2005	5.67%	10.54%	4.87%	
2006	6.08%	10.36%	4.28%	
AVERAGE	7.01%	11.01%	4.00%	
	COST OF EQUITY D TRIPLE-B UTILITY BO	OND VIELD*	6.60%	
	VG ANNUAL YIELD DU	- · · - · · - · · -	7.01%	
	RATE DIFFERENCE	KING STODT	-0.41%	
INTLINESTI	WIL DILLENCE		-0.4176	
INTEREST F	RATE CHANGE COEFF	FICIENT	-64.93%	
ADUSTME	NT TO AVG RISK PREI	MIUM	0.27%	
DADIO DIOM DESIMANA				
BASIC RISK	4.00%			
INTEREST	0.27%			
EQUITY RI	4.27%			
PROJECTE	O TRIPLE-B UTILITY B	OND YIELD*	6.60%	
INDICATED	EQUITY RETURN		10.87%	

⁽¹⁾ Moody's Investors Service

⁽²⁾ Regulatory Focus, Regulatory Research Associates, Inc.

^{*}The projected triple-B bond yield is equal to the projected 30-year Treasury bond rate (5.3 percent) from S&P's Trends & Projections (Exhibit SCH-2R) plus 130 basis points. The average triple-B spread over Treasuries for 2006 was 132 basis points.

Revised Szerszen Risk Premium Analysis (Electric)
Projected Interest Rates



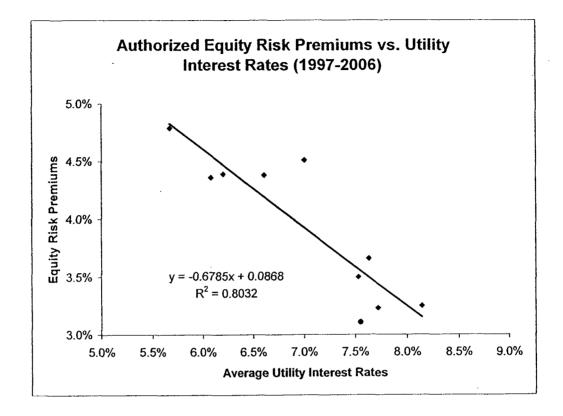
Revised Szerszen Risk Premium Analysis (Gas)
Current Interest Rates

MOC	DDY'S AVERAGE	AUTHORIZED	INDICATED		
	PUBLIC UTILITY	GAS	RISK		
-	BOND YIELD (1)	RETURNS (2)	PREMIUM		
1997	7.63%	11.29%	3.66%		
1998	7.00%	11.51%	4.51%		
1999	7.55%	10.66%	3.11%		
2000	8.14%	11.39%	3.25%		
2001	7.72%	10.95%	3.23%		
2002	7.53%	11.03%	3.50%		
2003	6.61%	10.99%	4.38%		
2004	6.20%	10.59%	4.39%		
2005	5.67%	10.46%	4.79%		
2006	6.08%	10.44%	4.36%		
AVERAGE	7.01%	10.93%	3.92%		
INDICATED COS	T OF EQUITY				
CURRENT TRIPI	LE-B UTILITY BOND	YIELD	6.10%		
MOODY'S AVG A	ANNUAL YIELD DURI	NG STUDY	7.01%		
INTEREST RATE	DIFFERENCE		-0.91%		
INTEREST RATE	CHANGE COEFFIC	IENT	-67.85%		
ADUSTMENT T	O AVG RISK PREMIL	JM	0.62%		
0.00%					
BASIC RISK PRE	3.92%				
INTEREST RAT	0.62%				
EQUITY RISK F	4.54%				
CURRENT TRIP	LE-B UTILITY BOND	YIELD	6.10%		
INDICATED EQU	IITY RETURN		10.64%		

⁽¹⁾ Moody's Investors Service

⁽²⁾ Regulatory Focus, Regulatory Research Associates, Inc.

Revised Szerszen Risk Premium Analysis (Gas)
Current Interest Rates



Revised Szerszen Risk Premium Analysis (Gas)
Projected Interest Rates

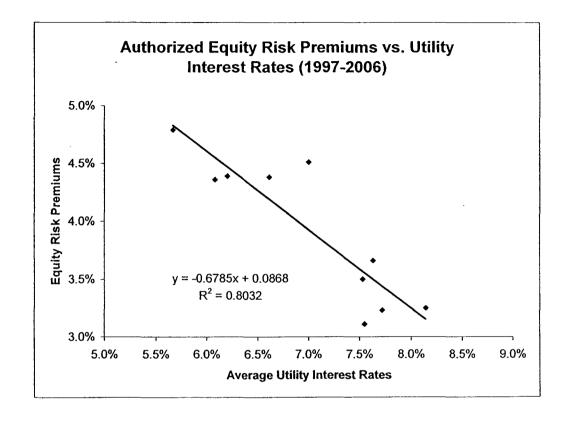
MOC	DY'S AVERAGE	AUTHORIZED	INDICATED
	PUBLIC UTILITY	GAS	RISK
	BOND YIELD (1)	RETURNS (2)	PREMIUM
1997	7.63%	11.29%	3.66%
1998	7.00%	11.51%	4.51%
1999	7.55%	10.66%	3.11%
2000	8.14%	11.39%	3.25%
2001	7.72%	10.95%	3.23%
2002	7.53%	11.03%	3.50%
2003	6.61%	10.99%	4.38%
2004	6.20%	10.59%	4.39%
2005	5.67%	10.46%	4.79%
2006	6.08%	10.44%	4.36%
AVERAGE	7.01%	10.93%	3.92%
INDICATED COST			
	PLE-B UTILITY BON		6.60%
MOODY'S AVG A	NNUAL YIELD DUR	ING STUDY	7.01%
INTEREST RATE	DIFFERENCE		-0.41%
WITEDCOT DATE	OHANGE GOEEE	NENT	07.050/
INTEREST RATE	-67.85% 0.28%		
ADUSTMENT TO	0.28%		
BASIC RISK PRE	3.92%		
INTEREST RATI	0.28%		
EQUITY RISK PI	4.20%		
PROJECTED TRI	PLE-B UTILITY BON	ND YIELD*	6.60%
INDICATED EQUI	TY RETURN		10.80%

⁽¹⁾ Moody's Investors Service

⁽²⁾ Regulatory Focus, Regulatory Research Associates, Inc.

^{*}The projected triple-B bond yield is equal to the projected 30-year Treasury bond rate (5.3 percent) from S&P's Trends & Projections (Exhibit SCH-2R) plus 130 basis points. The average triple-B spread over Treasuries for 2006 was 132 basis points.

Revised Szerszen Risk Premium Analysis (Gas) Projected Interest Rates



AEP Texas Central Company Revised Gorman Two-Stage Growth DCF Model (Electric Companies)

	(1)	(2)	(3)	(4)	(5)
Company	Recent Price	Recent Quar- terly Div*4	Short-Term Growth	Long-Term Growth	Two-Stage Growth ROE
1 Alliant Energy Co.	38.38	1.15	5.33%	%09'9	9.43%
2 Ameren	53.62	2.54	6.80%	%09'9	11.38%
3 CH Energy Group	52.46	2.16	∀/X	%09'9	√ Z
4 Cent. Vermont P.S.	23.67	0.92	A/A	%09'9	∀,Z
5 Cleco Corporation	25.48	06.0	12.00%	6.60%	11.01%
6 Con. Edison	48.22	2.32	3.33%	%09.9	10.79%
7 DTE Energy Co.	47.39	2.06	5.71%	%09'9	10.79%
8 Duquesne Light	19.94	1.00	A/A	%09.9	A/X
9 Empire District	24.43	1.28	3.00%	%09'9	11.10%
10 Energy East Corp.	24.67	1.20	3.67%	6.60%	10.90%
11 Green Mtn. Power	34.06	1.12	ΑX	%09.9	√ Z
12 Hawaiian Electric	27.11	1.24	4.14%	%09'9	10.72%
13 IDACORP	37.98	1.20	2.00%	%09.9	9.53%
14 MGE Energy, Inc.	34.90	1.39	A/A	%09'9	∢ Z
15 NiSource Inc.	24.07	0.92	3.37%	%09'9	9.92%
16 Northeast Utilities	28.06	0.75	10.93%	%09.9	9.81%
17 NSTAR	34.29	1.30	5.72%	8.60%	10.25%
18 Pinnacle West	49.59	2.10	6.24%	%09'9	10.77%
19 PPL Corporation	35.97	1.10	10.80%	%09'9	10.24%
20 Progress Energy	48.48	2.44	4.22%	%09.9	11.16%
21 Puget Energy, Inc.	24.98	1.00	4.89%	6.60%	10.32%
22 SCANA Corp.	41.25	1.76	4.63%	809.9	10.52%
23 Southern Co.	36.59	1,55	4.78%	%09.9	10.52%
24 Vectren Corp.	28.26	1.26	4.28%	%09.9	10.64%
25 Xcel Energy Inc.	23.31	0.89	5.77%	%09.9	10.29%
Group Average	34.69	1,42	5.73%	6.60%	10.50%

Source: Exhibit MPG-7

. etcN Column 5 equal to internal rate of return that equates dividend for 200 periods with Recent Price in Column 1. Dividends for the first six periods are equal to the dividend in Column 2 in the first period followed by this dividend escalated by the growth rate in Column 3 for the next five periods. The dividend growth rate for periods 6-200 is shown in Column 4.

AEP Texas Central Company Revised Gorman Two-Stage Growth DCF Model (Gas Distribution Companies)

	£)	(5)	(3)	(4)	(5)
	Recent	Recent Quar-	Short-Term	Long-Term	Two-Stage
Company	Price	terly Div*4	Growth	Growth	Growth KOE
1 AGL Resources	39.73	1.48	4.57%	8.60%	10.01%
2 Atmos Energy Corp.	31.86	1.28	5.53%	%09:9	10.44%
3 Laclede Group	34.25	1.42	3.00%	%09'9	10.15%
4 NICOR, Inc.	46.98	1.86	2.95%	%09'9	9.97%
5 N.W. Nat'l Gas	41.69	1.42	5.18%	8.60%	9.80%
6 Piedmont Nat'l	26.84	0.96	4.83%	%09'9	9.91%
7 South Jersey Inds.	33.32	0.90	6.61%	%09'9	9.28%
8 WGL Holdings	32.27	1.35	3.28%	6.60%	10.23%
Group Average	35.87	1.33	4.49%	6.60%	9.97%
	The same of the sa				

Source: Exhibit MPG-7

, oto

Column 5 equal to internal rate of return that equates dividend for 200 periods with Recent Column 1. Dividends for the first six periods are equal to the dividend in Column 2 in the first period followed by this dividend escalated by the growth rate in Column 3 for the next five periods. The dividend growth rate for periods 6-200 is shown in Column 4.

Revised Gorman Risk Premium Analysis (Treasury Bond)

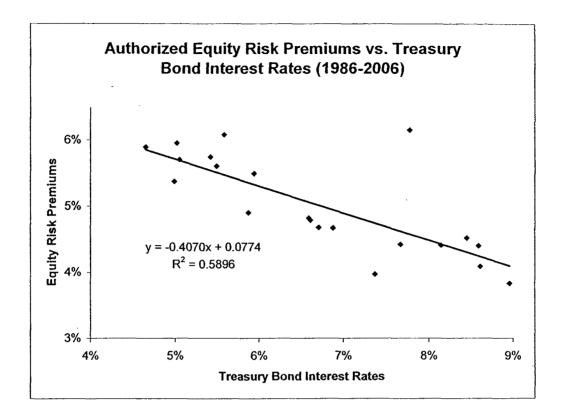
	TDELOUDY	AUTHORIZED	INDICATED	
	TREASURY	ELECTRIC	RISK	
	BOND YIELD (1)	RETURNS (2)	PREMIUM	
1986	7.78%	13.93%	6.15%	
1987	8.59%	12.99%	4.40%	
1988	8.96%	12.79%	3.83%	
1989	8.45%	12.97%	4.52%	
1990	8.61%	12.70%	4.09%	
1991	8.14%	12.55%	4.41%	
1992	7.67%	12.09%	4.42%	
1993	6.59%	11.41%	4.82%	
1994	7.37%	11.34%	3.97%	
1995	6.88%	11.55%	4.67%	
1996	6.71%	11.39%	4.68%	
1997	6.61%	11.40%	4.79%	
1998	5.58%	11.66%	6.08%	
1999	5.87%	10.77%	4.90%	
2000	5.94%	11.43%	5.49%	
2001	5.49%	11.09%	5.60%	
2002	5.42%	11.16%	5.74%	
2003	5.02%	10.97%	5.95%	
2004	5.05%	10.75%	5.70%	
2005	4.65%	10.54%	5.89%	
2006	4.99%	10.36%	5.37%	
AVERAGE	6.68%	11.71%	5.02%	
INDICATED COS				
PROJECTED TRE	5.30%			
AVG TREASURY	6.68%			
INTEREST RATE	-1.38%			
INTEREST RATE	-40.70%			
	0.56%			
ADUSTMENT TO AVG RISK PREMIUM				
BASIC RISK PRE	5.02%			
INTEREST RATI	0.56%			
EQUITY RISK P	REMIUM		5.59%	
חסט ובסדבים דייי	TACLIDY DOME VIE	D*	E 000/	
INDICATED TRE	EASURY BOND YIEL	.υ	5.30% 10.89%	
INDICATED EQUI	IIKEIUKN		10.89%	

⁽¹⁾ Gorman Exhibit MPG-9

⁽²⁾ Regulatory Focus, Regulatory Research Associates, Inc.

^{*}Projected Treasury bond yield from Exhibit SCH-2R.

Revised Gorman Risk Premium Analysis (Treasury Bond)

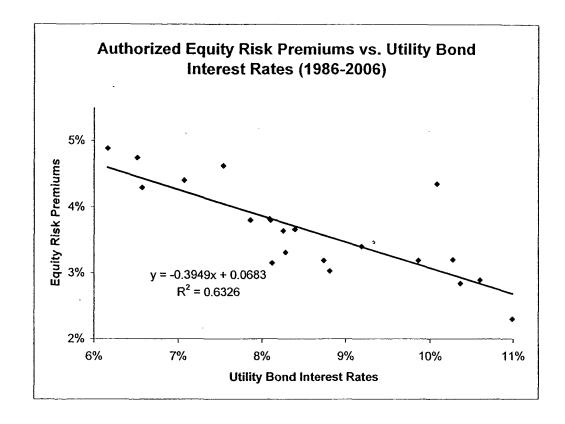


Revised Gorman Risk Premium Analysis (Utility Bond, Current Rates)

	AVERAGE	AUTHORIZED	INDICATED
	"A" UTILITY	ELECTRIC	RISK
	BOND YIELD (1)	RETURNS (2)	PREMIUM
1986	9.58%	13.93%	4.35%
1987	10.10%	12.99%	2.89%
1988	10.49%	12.79%	2.30%
1989	9.77%	12.97%	3.20%
1990	9.86%	12.70%	2.84%
1991	9.36%	12.55%	3.19%
1992	8.69%	12.09%	3.40%
1993	7.59%	11.41%	3.82%
1994	8.31%	11.34%	3.03%
1995	7.89%	11.55%	3.66%
1996	7.75%	11.39%	3.64%
1997	7.60%	11.40%	3.80%
1998	7.04%	11.66%	4.62%
1999	7.62%	10.77%	3.15%
2000	8.24%	11.43%	3.19%
2001	7.78%	11.09%	3.31%
2002	7.36%	11.16%	3.80%
2003	6.57%	10.97%	4.40%
2004	6.01%	10.75%	4.74%
2005	5.66%	10.54%	4.88%
2006	6.07%	10.36%	4.29%
AVERAGE	8.06%	11.71%	3.64%
INDICATED CO			
CURRENT TRIE	6.10%		
AVG SINGLE-A	8.06%		
INTEREST RAT	-1.96%		
INTEREST RAT	39.49%		
ADUSTMENT	0.78%		
BASIC RISK PR	3.64%		
	TE ADJUSTMENT		0.78%
EQUITY RISK			4.42%
EGOTT MOR	I I/CIMIOM		7.42 /0
CURRENT TRI	PLE-B UTILITY BOND	YIELD	6.10%
INDICATED EQ			10.52%

- (1) Gorman Exhibit MPG-10
- (2) Regulatory Focus, Regulatory Research Associates, Inc.

Revised Gorman Risk Premium Analysis (Utility Bond, Current Rates)



Revised Gorman Risk Premium Analysis (Utility Bond, Projected Rates)

	AVERAGE	AUTHORIZED	INDICATED	
	"A" UTILITY	ELECTRIC	RISK	
	BOND YIELD (1)	RETURNS (2)	PREMIUM	
1986	9.58%	13.93%	4.35%	
1987	10.10%	12.99%	2.89%	
1988	10.49%	12.79%	2.30%	
1989	9.77%	12.97%	3.20%	
1990	9.86%	12.70%	2.84%	
1991	9.36%	12.55%	3.19%	
1992	8.69%	12.09%	3.40%	
1993	7.59%	11.41%	3.82%	
1994	8.31%	11.34%	3.03%	
1995	7.89%	11.55%	3.66%	
1996	7.75%	11.39%	3.64%	
1997	7.60%	11.40%	3.80%	
1998	7.04%	11.66%	4.62%	
1999	7.62%	10.77%	3.15%	
2000	8.24%	11.43%	3.19%	
2001	7.78%	11.09%	3.31%	
2002	7.36%	11.16%	3.80%	
2003	6.57%	10.97%	4.40%	
2004	6.01%	10.75%	4.74%	
2005	5.66%	10.54%	4.88%	
2006	6.07%	10.36%	4.29%	
AVERAGE	8.06%	11.71%	3.64%	
INDICATED COST OF EQUITY PROJECTED TRIPLE-B UTILITY BOND YIELD* 6.60%				
PROJECTED TR	IPLE-B UTILITY BOI	ND YIELD*	6.60%	
AVG SINGLE-A E	8.06%			
INTEREST RATE	-1.46%			
INTEREST RATE	-39.49%			
ADUSTMENT T	0.58%			
BASIC RISK PRE	3.64%			
INTEREST RAT	0.58%			
EQUITY RISK F			4.22%	
EQUIT NON P	TURIVION		4.22.70	
PROJECTED TR	IPLE-B UTILITY BO	ND YIELD*	6.60%	
INDICATED EQU	ITY RETURN		10.82%	

⁽¹⁾ Gorman Exhibit MPG-10

⁽²⁾ Regulatory Focus, Regulatory Research Associates, Inc.

^{*}The projected triple-B bond yield is equal to the projected 30-year Treasury bond rate (5.3 percent) from S&P's Trends & Projections (Exhibit SCH-2R) plus 130 basis points. The average triple-B spread over Treasuries for 2006 was 132 basis points.

Revised Gorman Risk Premium Analysis (Utility Bond, Projected Rates)

