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Pinnacle West Capital Corporation (PNW)

(Delayed Data from NYSE)

$72.36 USD

-0.04 (-0.06%)

Updated Sep 30, 2021 04:03 PM ET

After-Market: **$72.36** 0.00 (0.00%) 6:16 PM ET

Add to portfolio

Zacks Rank:

4-Sell

Style Scores:

B Value | F Growth | B Momentum | C VGM

Industry Rank:

Bottom 37% (159 out of 251)
Industry: Utility - Electric Power

View All Zacks #1 Ranked Stocks

Trades from $1

Detailed Estimates

Enter Symbol

Estimates	
Next Report Date	10/29/21
Current Quarter	2.89
EPS Last Quarter	1.91
Last EPS Surprise	17.18%
ABR	3.14
Earnings ESP	0.00%
Current Year	4.96
Next Year	4.64
EPS (TTM)	5.13
P/E (F1)	14.59

Growth Estimates	PNW	IND	S&P
Current Qtr (09/2021)	-5.86	-0.90	195.79
Next Qtr (12/2021)	152.94	8.27	60.70
Current Year (12/2021)	1.85	5.40	55.65
Next Year (12/2022)	-6.45	10.50	15.50
Past 5 Years	5.00	3.00	2.80
Next 5 Years	5.00	7.50	NA

Growth Estimates	PNW	IND	S&P
Next 5 Years	5.00	7.50	NA
PE	14.59	17.00	22.89
PEG Ratio	2.92	2.27	NA

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Price and EPS Surprise Chart

1 Month | 3 Months | YTD

Interactive Chart | Fundamental Chart

Sales Estimates

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Zacks Consensus Estimate	1.22B	715.10M	3.66B	3.70B
# of Estimates	1	1	2	2
High Estimate	1.22B	715.10M	3.68B	3.78B
Low Estimate	1.22B	715.10M	3.63B	3.63B
Year ago Sales	1.25B	740.96M	3.59B	3.66B
Year over Year Growth Est.	-2.77%	-3.49%	1.92%	1.31%

Earnings Estimates

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Zacks Consensus Estimate	2.89	0.09	4.96	4.64
# of Estimates	3	2	3	3
Most Recent Consensus	2.92	0.08	5.18	4.66
High Estimate	2.99	0.09	5.18	4.86
Low Estimate	2.77	0.08	4.75	4.39
Year ago EPS	3.07	-0.17	4.87	4.96
Year over Year Growth Est.	-5.86%	152.94%	1.85%	-6.58%

Agreement - Estimate Revisions

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Up Last 7 Days	0	0	0	0
Up				

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Last 30 Days	0	0	0	0
Up Last 60 Days	2	0	1	0
Down Last 7 Days	0	0	0	0
Down Last 30 Days	0	0	0	0
Down Last 60 Days	0	2	2	3

Magnitude - Consensus Estimate Trend

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Current	2.89	0.09	4.96	4.64
7 Days Ago	2.89	0.09	4.96	4.64
30 Days Ago	2.89	0.09	4.96	4.64
60 Days Ago	2.89	0.14	4.90	5.07
90 Days Ago	2.95	0.10	4.95	5.05

Upside - Most Accurate Estimate Versus Zacks Consensus

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Most Accurate Estimate	2.89	0.09	4.96	4.64
Zacks Consensus Estimate	2.89	0.09	4.96	4.64
Earnings ESP	0.00%	0.00%	0.00%	0.00%

Surprise - Reported Earnings History

	Quarter Ending (6/2021)	Quarter Ending (3/2021)	Quarter Ending (12/2020)	Quarter Ending (9/2020)	Average Surprise
Reported	1.91	0.32	-0.17	3.07	NA
Estimate	1.63	0.25	0.04	2.98	NA
Difference	0.28	0.07	-0.21	0.09	0.06
Surprise	17.18%	28.00%	-525.00%	3.02%	-119.20%

Quarterly Estimates By Analyst

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Portland General Electric Company (POR)

(Delayed Data from NYSE)

$46.99 USD

-1.07 (-2.23%)

Updated Sep 30, 2021 03:59 PM ET

After-Market: **$47.00** +0.01 (0.02%) 6:18 PM ET

Add to portfolio

Zacks Rank:

3-Hold

Style Scores:

B Value | D Growth | C Momentum | C VGM

Industry Rank:

Bottom 37% (159 out of 251)
Industry: Utility - Electric Power

View All Zacks #1 Ranked Stocks

Trades from $1

Detailed Estimates

Enter Symbol

Estimates	
Next Report Date	10/29/21
Current Quarter	0.73
EPS Last Quarter	0.36
Last EPS Surprise	0.00%
ABR	2.60
Earnings ESP	-2.74%
Current Year	2.76
Next Year	2.83
EPS (TTM)	2.90
P/E (F1)	17.41

Growth Estimates	POR	IND	S&P
Current Qtr (09/2021)	-18.89	-0.90	195.79
Next Qtr (12/2021)	-1.75	8.27	60.70
Current Year (12/2021)	60.47	5.40	55.65
Next Year (12/2022)	2.54	10.50	15.50
Past 5 Years	5.30	3.00	2.80
Next 5 Years	8.60	7.50	NA

Growth Estimates	POR	IND	S&P
Next 5 Years	8.00	7.50	NA
PE	17.41	17.00	22.89
PEG Ratio	2.02	2.27	NA

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Price and EPS Surprise Chart

1 Month | 3 Months | YTD

Interactive Chart | Fundamental Chart

Sales Estimates

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Zacks Consensus Estimate	563.30M	564.20M	2.27B	2.42B
# of Estimates	1	1	1	1
High Estimate	563.30M	564.20M	2.27B	2.42B
Low Estimate	563.30M	564.20M	2.27B	2.42B
Year ago Sales	547.00M	556.00M	2.15B	2.27B
Year over Year Growth Est.	2.98%	1.47%	5.99%	6.62%

Earnings Estimates

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Zacks Consensus Estimate	0.73	0.56	2.76	2.83
# of Estimates	2	1	2	2
Most Recent Consensus	0.75	0.56	2.74	2.81
High Estimate	0.75	0.56	2.78	2.85
Low Estimate	0.71	0.56	2.74	2.81
Year ago EPS	0.90	0.57	1.72	2.76
Year over Year Growth Est.	-18.89%	-1.75%	60.47%	2.54%

Agreement - Estimate Revisions

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Up Last 7 Days	0	0	0	0
Up				

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Last 30 Days	0	0	0	0
Up Last 60 Days	1	1	2	2
Down Last 7 Days	0	0	0	0
Down Last 30 Days	0	0	0	0
Down Last 60 Days	0	0	0	0

Magnitude - Consensus Estimate Trend

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Current	0.73	0.56	2.76	2.83
7 Days Ago	0.73	0.56	2.76	2.83
30 Days Ago	0.75	0.56	2.76	2.83
60 Days Ago	0.74	0.55	2.66	2.79
90 Days Ago	0.74	0.55	2.66	2.79

Upside - Most Accurate Estimate Versus Zacks Consensus

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Most Accurate Estimate	0.71	0.56	2.76	2.83
Zacks Consensus Estimate	0.73	0.56	2.76	2.83
Earnings ESP	-2.74%	0.00%	0.00%	0.00%

Surprise - Reported Earnings History

	Quarter Ending (6/2021)	Quarter Ending (3/2021)	Quarter Ending (12/2020)	Quarter Ending (9/2020)	Average Surprise
Reported	0.36	1.07	0.57	0.90	NA
Estimate	0.36	0.91	0.42	-0.34	NA
Difference	0.00	0.16	0.15	1.24	0.39
Surprise	0.00%	17.58%	35.71%	364.71%	104.50%

Quarterly Estimates By Analyst

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Annual Estimates By Analyst

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Southern Company The (SO)

(Delayed Data from NYSE)

$61.97 USD

-0.67 (-1.07%)

Updated Sep 30, 2021 04:02 PM ET

After-Market: **$61.97** 0.00 (0.00%) 6:18 PM ET

Add to portfolio

Zacks Rank:

3-Hold

Style Scores:

B **Value** | D **Growth** | B **Momentum** | C **VGM**

Industry Rank:

Bottom 37% (159 out of 251)
Industry: Utility - Electric Power

View All Zacks #1 Ranked Stocks

Trades from $1

Detailed Estimates

Enter Symbol

Estimates

Next Report Date	**11/4/21**
Current Quarter	**1.21**
EPS Last Quarter	**0.84**
Last EPS Surprise	**6.33%**
ABR	**2.61**
Earnings ESP	**1.65%**
Current Year	**3.35**
Next Year	**3.54**
EPS (TTM)	**3.51**
P/E (F1)	**18.70**

Growth Estimates	SO	IND	S&P
Current Qtr (09/2021)	-0.82	-0.90	195.79
Next Qtr (12/2021)	-25.53	8.27	60.70
Current Year (12/2021)	3.08	5.40	55.65
Next Year (12/2022)	5.67	10.50	15.50
Past 5 Years	2.60	3.00	2.80
Next 5 Years	4.90	7.50	NA

Growth Estimates	18.50	17.00	28.89
PEG Ratio	3.79	2.27	NA

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Price and EPS Surprise Chart

1 Month | 3 Months | YTD

Interactive Chart | Fundamental Chart

Sales Estimates

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Zacks Consensus Estimate	5.87B	5.30B	22.27B	23.21B
# of Estimates	2	2	3	3
High Estimate	5.91B	5.49B	22.43B	23.59B
Low Estimate	5.83B	5.11B	22.12B	22.97B
Year ago Sales	5.62B	5.12B	20.38B	22.27B
Year over Year Growth Est.	4.46%	3.56%	9.28%	4.26%

Earnings Estimates

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Zacks Consensus Estimate	1.21	0.35	3.35	3.54
# of Estimates	4	3	6	6
Most Recent Consensus	1.16	0.42	3.41	3.57
High Estimate	1.25	0.42	3.41	3.63
Low Estimate	1.16	0.27	3.30	3.48
Year ago EPS	1.22	0.47	3.25	3.35
Year over Year Growth Est.	-0.82%	-25.53%	3.08%	5.77%

Agreement - Estimate Revisions

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Up Last 7 Days	0	0	0	0
Up Last	0	0	1	0

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
30 Days	0	0	1	0
Up Last 60 Days	0	0	3	0
Down Last 7 Days	0	0	0	0
Down Last 30 Days	0	1	0	2
Down Last 60 Days	1	2	0	2

Magnitude - Consensus Estimate Trend

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Current	1.21	0.35	3.35	3.54
7 Days Ago	1.21	0.35	3.35	3.54
30 Days Ago	1.20	0.36	3.35	3.56
60 Days Ago	1.21	0.37	3.34	3.57
90 Days Ago	1.24	0.39	3.33	3.57

Upside - Most Accurate Estimate Versus Zacks Consensus

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Most Accurate Estimate	1.23	0.27	3.34	3.51
Zacks Consensus Estimate	1.21	0.35	3.35	3.54
Earnings ESP	1.65%	-23.58%	-0.30%	-0.94%

Surprise - Reported Earnings History

	Quarter Ending (6/2021)	Quarter Ending (3/2021)	Quarter Ending (12/2020)	Quarter Ending (9/2020)	Average Surprise
Reported	0.84	0.98	0.47	1.22	NA
Estimate	0.79	0.85	0.43	1.24	NA
Difference	0.05	0.13	0.04	-0.02	0.05
Surprise	6.33%	15.29%	9.30%	-1.61%	7.33%

Quarterly Estimates By Analyst

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WEC Energy Group, Inc. (WEC)

(Delayed Data from NYSE)

$88.20 USD

-0.81 (-0.91%)

Updated Sep 30, 2021 04:00 PM ET

After-Market: **$88.14** -0.06 (-0.07%) 6:18 PM ET

Add to portfolio

Zacks Rank:

3-Hold

Style Scores:

C **Value** | D **Growth** | C **Momentum** | D **VGM**

Industry Rank:

Bottom 37% (159 out of 251)
Industry: Utility - Electric Power

View All Zacks #1 Ranked Stocks

Trades from $1

Detailed Estimates

Enter Symbol

Estimates

Next Report Date	*BMO 11/2/21
Current Quarter	0.76
EPS Last Quarter	0.87
Last EPS Surprise	10.13%
ABR	2.57
Earnings ESP	-1.75%
Current Year	4.06
Next Year	4.31
EPS (TTM)	4.08
P/E (F1)	21.94

*BMO = Before Market Open *AMC = After Market Close

Growth Estimates	WEC	IND	S&P
Current Qtr (09/2021)	-9.52	-0.90	195.79
Next Qtr (12/2021)	5.26	8.27	60.70
Current Year (12/2021)	7.12	5.40	55.65
Next Year (12/2022)	6.16	10.50	15.50
Past 5 Years	6.30	3.00	2.80

Growth Estimates	WEC	IND	S&P
Next 5 Years	6.30	7.50	NA
PE	21.94	17.00	22.89
PEG Ratio	3.50	2.27	NA

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See Earnings Report Transcript

Price and EPS Surprise Chart

1 Month | 3 Months | YTD

Interactive Chart | Fundamental Chart

Sales Estimates

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Zacks Consensus Estimate	1.67B	2.00B	8.04B	8.23B
# of Estimates	2	2	2	2
High Estimate	1.69B	2.01B	8.07B	8.36B
Low Estimate	1.64B	2.00B	8.01B	8.10B
Year ago Sales	1.65B	1.93B	7.24B	8.04B
Year over Year Growth Est.	1.01%	3.59%	11.00%	2.36%

Earnings Estimates

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Zacks Consensus Estimate	0.76	0.80	4.06	4.31
# of Estimates	3	2	4	4
Most Recent Consensus	0.80	NA	4.07	4.30
High Estimate	0.80	0.82	4.07	4.34
Low Estimate	0.74	0.78	4.05	4.29
Year ago EPS	0.84	0.76	3.79	4.06
Year over Year Growth Est.	-9.52%	5.26%	7.12%	6.10%

Agreement - Estimate Revisions

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Up Last 7 Days	0	0	0	0

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Up Last 30 Days				
Up Last 60 Days	0	1	3	2
Down Last 7 Days	0	0	0	0
Down Last 30 Days	1	0	0	1
Down Last 60 Days	2	0	0	1

Magnitude - Consensus Estimate Trend

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Current	0.76	0.80	4.06	4.31
7 Days Ago	0.76	0.80	4.06	4.31
30 Days Ago	0.80	0.78	4.06	4.31
60 Days Ago	0.86	0.78	4.04	4.29
90 Days Ago	0.85	0.80	4.05	4.26

Upside - Most Accurate Estimate Versus Zacks Consensus

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Most Accurate Estimate	0.75	0.82	4.06	4.29
Zacks Consensus Estimate	0.76	0.80	4.06	4.31
Earnings ESP	-1.75%	2.50%	0.00%	-0.35%

Surprise - Reported Earnings History

	Quarter Ending (6/2021)	Quarter Ending (3/2021)	Quarter Ending (12/2020)	Quarter Ending (9/2020)	Average Surprise
Reported	0.87	1.61	0.76	0.84	NA
Estimate	0.79	1.47	0.74	0.76	NA
Difference	0.08	0.14	0.02	0.08	0.08
Surprise	10.13%	9.52%	2.70%	10.53%	8.22%

Quarterly Estimates By Analyst

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Quick Links

Zacks Research is Reported On:

msn

MarketWatch

Nasdaq

Forbes

INVESTOR'S BUSINESS DAILY

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At the center of everything we do is a strong commitment to independent research and sharing its profitable discoveries with investors. This dedication to giving investors a trading advantage led to the creation of our proven Zacks Rank stock-rating system. Since 1988 it has more than doubled the S&P 500 with an average gain of +25.60% per year. These returns cover a period from January 1, 1988 through June 28, 2021. Zacks Rank stock-rating system returns are computed monthly based on the beginning of the month and end of the month Zacks Rank stock prices plus any dividends received during that particular month. A simple, equally-weighted average return of all Zacks Rank stocks is calculated to determine the monthly return. The monthly returns are then compounded to arrive at the annual return. Only Zacks Rank stocks included in Zacks hypothetical portfolios at the beginning of each month are included in the return calculations. Zacks Ranks stocks can, and often do, change throughout the month. Certain Zacks Rank stocks for which no month-end price was available, pricing information was not collected, or for certain other reasons have been excluded from these return calculations.

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Xcel Energy Inc. (XEL)

(Delayed Data from NSDQ)

$62.50 USD

-0.17 (-0.27%)

Updated Sep 30, 2021 04:00 PM ET

After-Market: **$62.50** 0.00 (0.00%) 6:18 PM ET

Add to portfolio

Zacks Rank:

3-Hold

Style Scores:

C **Value** | F **Growth** | B **Momentum** | D **VGM**

Industry Rank:

Bottom 37% (159 out of 251)
Industry: Utility - Electric Power

View All Zacks #1 Ranked Stocks

Trades from $1

Detailed Estimates

Enter Symbol

Estimates

Next Report Date	**11/4/21**
Current Quarter	**1.20**
EPS Last Quarter	**0.58**
Last EPS Surprise	**3.57%**
ABR	**2.61**
Earnings ESP	**0.00%**
Current Year	**2.98**
Next Year	**3.17**
EPS (TTM)	**2.93**
P/E (F1)	**21.00**

Growth Estimates	XEL	IND	S&P
Current Qtr (09/2021)	5.26	-0.90	195.79
Next Qtr (12/2021)	3.70	8.27	60.70
Current Year (12/2021)	6.81	5.40	55.65
Next Year (12/2022)	6.38	10.50	15.50
Past 5 Years	5.70	3.00	2.80
Next 5 Years	6.10	7.50	NA

Growth Estimates	2XB0	17N0	2889
PEG Ratio	3.43	2.27	NA

Learn More About Estimate Research

See Brokerage Recommendations

See Earnings Report Transcript

Price and EPS Surprise Chart

1 Month | 3 Months | YTD

Interactive Chart | Fundamental Chart

Sales Estimates

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Zacks Consensus Estimate	3.30B	3.15B	12.99B	13.05B
# of Estimates	2	2	3	3
High Estimate	3.42B	3.26B	13.29B	13.39B
Low Estimate	3.18B	3.05B	12.83B	12.51B
Year ago Sales	3.18B	2.95B	11.53B	12.99B
Year over Year Growth Est.	3.68%	7.00%	12.66%	0.46%

Earnings Estimates

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Zacks Consensus Estimate	1.20	0.56	2.98	3.17
# of Estimates	4	3	5	5
Most Recent Consensus	1.18	0.56	3.01	3.18
High Estimate	1.21	0.56	3.01	3.19
Low Estimate	1.18	0.55	2.95	3.15
Year ago EPS	1.14	0.54	2.79	2.98
Year over Year Growth Est.	5.26%	3.70%	6.81%	6.24%

Agreement - Estimate Revisions

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Up Last 7 Days	0	0	0	0
Up Last	0	0	0	0

30 Days	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Up Last 60 Days	1	0	1	1
Down Last 7 Days	0	0	0	0
Down Last 30 Days	0	0	0	1
Down Last 60 Days	1	1	0	1

Magnitude - Consensus Estimate Trend

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Current	1.20	0.56	2.98	3.17
7 Days Ago	1.20	0.56	2.98	3.17
30 Days Ago	1.20	0.56	2.98	3.17
60 Days Ago	1.20	0.56	2.97	3.17
90 Days Ago	1.23	0.59	2.99	3.17

Upside - Most Accurate Estimate Versus Zacks Consensus

	Current Qtr (9/2021)	Next Qtr (12/2021)	Current Year (12/2021)	Next Year (12/2022)
Most Accurate Estimate	1.20	0.56	2.98	3.16
Zacks Consensus Estimate	1.20	0.56	2.98	3.17
Earnings ESP	0.00%	0.00%	0.00%	-0.32%

Surprise - Reported Earnings History

	Quarter Ending (6/2021)	Quarter Ending (3/2021)	Quarter Ending (12/2020)	Quarter Ending (9/2020)	Average Surprise
Reported	0.58	0.67	0.54	1.14	NA
Estimate	0.56	0.61	0.54	1.08	NA
Difference	0.02	0.06	0.00	0.06	0.04
Surprise	3.57%	9.84%	0.00%	5.56%	4.74%

Quarterly Estimates By Analyst

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Proxy Group

ID	Company Name	Ticker
1	ALLETE, Inc.	ALE
2	Alliant Energy Corporation	LNT
3	Ameren Corporation	AEE
4	American Electric Power Company, Inc.	AEP
5	Avista Corporation	AVA
6	CMS Energy Corporation	CMS
7	Duke Energy Corporation	DUK
8	Entergy Corporation	ETR
9	Evergy, Inc	EVRG
10	Hawaiian Electric Industries, Inc.	HE
11	IDACORP, Inc.	IDA
12	NextEra Energy, Inc.	NEE
13	NorthWestern Corporation	NWE
14	OGE Energy Corp.	OGE
15	Otter Tail Corporation	OTTR
16	Pinnacle West Capital Corporation	PNW
17	Portland General Electric Company	POR
18	The Southern Company	SO
19	WEC Energy Group, Inc.	WEC
20	Xcel Energy Inc.	XEL

Date 9/30/2021 *<- date through which data is current*
September 30, 2021

VL Electric Utility Industry	Ticker	Pays dividends; No cuts prior 5 years	Analyst Coverage	Vertically Integrated	Moody's Credit Rating	S&P Credit Rating	% Regulated Operating Income (3-yr average)	% Regulated Electric Operating Income (3-yr average)
ALLETE, Inc.	ALE	✓	6	✓	Baa1	BBB	88.66%	97.38%
Alliant Energy Corporation	LNT	✓	12	✓	Baa2	A-	96.26%	90.75%
Ameren Corporation	AEE	✓	14	✓	Baa1	BBB+	102.66%	86.49%
American Electric Power Company, Inc.	AEP	✓	19	✓	Baa2	A-	97.35%	100.00%
Avangrid, Inc.	AGR	✓	9	✓	Baa1	BBB+	92.28%	76.28%
Avista Corporation	AVA	✓	5	✓	Baa2	BBB	101.95%	77.52%
Black Hills Corporation	BKH	✓	8	✓	Baa2	BBB+	94.99%	44.47%
CenterPoint Energy, Inc.	CNP		15	✓	Baa2	BBB+	95.76%	55.70%
CMS Energy Corporation	CMS	✓	22	✓	Baa1	BBB+	91.37%	71.00%
Consolidated Edison, Inc.	ED	✓	18		Baa2	A-	92.94%	75.07%
Dominion Energy, Inc.	D		17	✓	Baa2	BBB+	249.63%	69.75%
DTE Energy Company	DTE		19	✓	Baa2	BBB+	84.77%	79.68%
Duke Energy Corporation	DUK	✓	18	✓	Baa1	BBB+	103.08%	91.26%
Edison International	EIX	✓	17	✓	Baa3	BBB	91.43%	100.00%
Entergy Corporation	ETR	✓	19	✓	Baa2	BBB+	157.40%	99.09%
Evergy, Inc	EVRG	✓	8	✓	Baa2	A-	100.00%	100.00%
Eversource Energy	ES	✓	20		Baa1	A-	91.88%	89.09%
Exelon Corporation	EXC	✓	19	✓	Baa2	BBB+	79.27%	90.77%
FirstEnergy Corp.	FE	✓	17	✓	Ba1	BB	107.37%	100.00%
Hawaiian Electric Industries, Inc.	HE	✓	6	✓	WR	BBB-	77.21%	100.00%
IDACORP, Inc.	IDA	✓	4	✓	Baa1	BBB	99.66%	100.00%
MGE Energy, Inc.	MGEE	✓	2 [1]	✓	A1	AA-	71.13%	76.01%
NextEra Energy, Inc.	NEE	✓	22	✓	Baa1	A-	75.63%	100.00%
NorthWestern Corporation	NWE	✓	8	✓	Baa2	BBB	100.21%	83.44%
OGE Energy Corp.	OGE	✓	10	✓	Baa1	BBB+	100.70%	100.00%
Otter Tail Corporation	OTTR	✓	4	✓	Baa2	BBB	71.14%	100.00%
PG&E Corporation	PCG		16	✓	Ba2	BB-	99.62%	89.03%
Pinnacle West Capital Corporation	PNW	✓	15	✓	A3	A-	103.75%	100.00%
PNM Resources, Inc.	PNM	✓	8	✓	Baa3	BBB	103.51%	100.00%
Portland General Electric Company	POR	✓	12	✓	A3	BBB+	100.00%	100.00%
PPL Corporation	PPL	✓	15	✓	Baa2	A-	55.71%	95.61%
Public Service Enterprise Group Incorporated	PEG	✓	19		Baa1	BBB+	72.56%	80.45%
Sempra Energy	SRE	✓	19	✓	Baa2	BBB+	72.14%	54.45%
Southern Company	SO	✓	20	✓	Baa2	A-	86.98%	82.21%
WEC Energy Group, Inc.	WEC	✓	15	✓	Baa1	A-	90.38%	63.98%
Xcel Energy Inc.	XEL	✓	16	✓	Baa1	A-	108.32%	86.19%

[1] *MGE Energy has not had a consistent history of 2 or more analysts covering the company*

No Merger, Transaction, or Financial event Activity	Include in Proxy Group	Transaction/ Financial event source:
✓	✓	
✓	✓	
✓	✓	
✓	✓	
Merger with PNM		Link to: PNM-AGR merger press release
✓	✓	
✓		
✓		
✓	✓	
✓	✓	
✓		
✓		https://dividendhike.com/news/2021/06/24/DTE-dte-energy-dividend-cut-2021/
✓	✓	
Material adverse financial exposure associated with wildfires		SEC Form 10-K for year ended 12/31/20, pages 5-8
✓	✓	
✓	✓	
✓	✓	
Planned separation of EXC into two publicly traded entities		SEC Form 10-K for year ended 12/31/20, pages 45-46
✓	✓	
✓	✓	
✓		
✓	✓	
✓	✓	
✓	✓	
✓	✓	
✓	✓	
Merger with AGR		Link to: PNM-AGR merger press release
✓	✓	
✓		
✓	✓	
✓		
✓	✓	
✓	✓	
✓	✓	

Source: Bloomberg Professional

Ticker	ALE	LNT	AEE	AEP	AVA	CMS	DUK	ETR	EVRG	HE	IDA	NEE	NWE	OGE
30 Day Average Stock Price	$64.39	$59.39	$85.94	$87.05	$40.93	$62.87	$102.54	$109.82	$66.29	$42.42	$105.32	$83.29	$62.04	$34.72
90 Day Average Stock Price	$68.09	$58.62	$84.88	$86.52	$42.64	$61.89	$102.73	$106.46	$64.67	$42.98	$102.95	$78.52	$62.33	$34.47
180 Day Average Stock Price	$67.78	$55.51	$81.67	$84.94	$43.11	$60.85	$98.90	$102.73	$61.59	$41.30	$99.22	$77.90	$62.36	$33.34

PX_LAST	ALE US Equity	LNT US Equity	AEE US Equity	AEP US Equity	AVA US Equity	CMS US Equity	DUK US Equity	ETR US Equity	EVRG US Equity	HE US Equity	IDA US Equity	NEE US Equity	NWE US Equity	OGE US Equity
9/30/2021	59.52	55.98	81.00	81.18	39.12	59.73	97.59	99.31	62.20	40.83	103.38	78.52	57.30	32.96
9/29/2021	60.42	56.75	82.34	82.17	39.81	59.85	98.34	100.74	63.16	41.65	105.34	78.35	58.76	33.53
9/28/2021	59.11	55.81	81.42	81.28	39.20	58.86	97.05	99.26	62.53	41.33	104.39	77.27	57.98	32.94
9/27/2021	59.78	56.2	82.20	81.36	39.43	59.46	97.63	100.02	63.09	41.43	103.86	78.76	58.98	33.41
9/24/2021	59.44	57.11	83.57	82.05	39.19	60.76	98.46	100.85	63.15	41.14	103.59	80.70	58.84	33.67
9/23/2021	59.43	57.25	83.31	82.31	39.06	60.66	98.40	102.61	63.32	40.87	103.69	81.27	58.41	33.71
9/22/2021	59.97	57.44	83.57	82.72	39.32	61.49	98.54	105.99	62.83	41.00	104.12	81.90	59.12	33.55
9/21/2021	59.92	57.52	82.92	82.99	39.23	61.66	98.92	107.98	63.87	40.81	102.98	81.92	59.56	33.24
9/20/2021	60.26	57.9	83.44	83.30	39.64	61.83	99.64	109.51	64.26	40.84	103.60	81.69	59.97	33.56
9/17/2021	60.83	57.83	83.60	84.10	39.92	61.66	99.67	111.04	64.20	41.15	103.42	81.64	60.14	33.74
9/16/2021	61.53	58.65	85.05	85.98	39.89	62.48	101.41	112.41	64.55	41.34	102.51	84.00	61.19	34.09
9/15/2021	62.11	59.27	85.34	87.33	40.48	62.80	102.03	112.89	64.78	41.78	103.60	84.61	62.12	34.72
9/14/2021	62.41	59.28	85.93	87.83	40.61	63.18	101.61	114.39	65.76	41.27	104.34	84.64	61.84	34.67
9/13/2021	63.87	59.43	86.09	88.32	40.93	63.00	102.73	113.35	66.58	41.07	104.62	84.58	62.73	35.15
9/10/2021	63.99	59.77	87.01	88.83	41.21	63.61	103.20	111.84	66.69	41.57	105.17	84.98	62.72	35.09
9/9/2021	66.42	60.7	87.88	90.40	42.33	64.44	104.62	112.94	68.19	42.73	107.34	85.84	64.57	35.50
9/8/2021	66.91	61.08	88.43	90.68	42.85	64.72	105.33	114.83	68.41	42.94	108.36	86.44	65.31	35.71
9/7/2021	65.7	59.75	86.14	88.91	42.33	63.52	103.20	112.50	67.23	41.96	105.92	85.03	64.36	35.23
9/3/2021	67.44	61.47	88.11	90.41	42.44	64.96	105.68	112.56	68.50	43.06	107.09	85.69	64.80	35.67
9/2/2021	67.98	62.05	88.98	90.93	42.62	65.61	106.65	113.71	68.95	43.96	107.45	86.48	64.71	35.96
9/1/2021	68.28	61.64	88.76	90.50	42.20	65.05	106.12	112.53	68.62	43.80	106.58	85.34	64.37	35.73
8/31/2021	67.42	60.79	87.72	89.57	41.85	64.13	104.66	110.61	68.45	43.60	105.35	83.99	63.60	35.41
8/30/2021	67.53	60.89	88.49	89.62	41.60	64.48	104.79	109.36	67.91	43.70	105.22	83.95	63.64	35.49
8/27/2021	67.99	60.84	88.02	89.29	41.43	64.16	104.67	111.69	68.31	43.67	105.63	83.41	63.98	35.57
8/26/2021	67.44	60.59	87.62	89.25	41.17	63.84	104.85	113.68	69.11	43.42	104.65	83.81	62.95	35.50
8/25/2021	68.32	60.56	87.34	89.33	41.65	63.64	105.38	113.79	68.86	43.65	105.66	84.53	63.52	35.69
8/24/2021	68.18	60.66	87.14	89.23	41.87	63.54	105.15	113.74	68.48	43.94	106.23	84.14	63.41	35.44
8/23/2021	69.65	60.97	87.55	90.12	42.05	64.07	105.83	114.00	68.91	44.50	107.40	84.40	64.01	35.51
8/20/2021	70.78	62.18	89.59	91.08	42.56	64.81	107.21	114.60	69.26	44.78	109.32	86.28	64.57	35.88
8/19/2021	69.19	61.48	89.57	90.40	41.84	64.01	106.88	111.79	68.60	44.74	108.65	84.55	63.80	35.39
8/18/2021	69.99	61.42	89.28	89.75	41.96	63.82	107.05	110.14	68.87	44.68	109.24	84.42	63.64	35.66
8/17/2021	70.88	61.74	89.98	90.54	42.99	64.27	107.71	110.10	68.97	45.19	108.90	83.96	64.94	35.95
8/16/2021	70.95	61.64	89.61	90.30	42.26	63.87	107.81	110.28	68.80	45.09	107.91	83.95	63.79	35.90
8/13/2021	71.1	61.07	88.84	89.69	41.75	63.46	106.00	109.88	68.10	44.72	107.41	83.45	63.15	36.29
8/12/2021	71.58	60.66	87.92	88.95	41.90	63.00	105.69	108.69	67.41	44.50	106.33	83.00	62.51	36.07
8/11/2021	71.98	60.83	88.16	89.17	42.19	63.19	107.14	109.01	67.55	44.47	106.34	82.37	62.73	35.64
8/10/2021	71.83	60.51	87.68	88.75	42.14	62.94	106.90	108.67	66.92	44.06	106.08	80.53	62.24	35.22
8/9/2021	71.92	60.69	87.71	88.76	42.40	63.26	106.15	106.83	66.74	43.98	106.17	80.56	62.35	35.21
8/6/2021	72.55	60.8	86.86	89.34	42.67	63.27	106.96	106.09	66.72	43.83	106.67	80.61	62.59	35.04
8/5/2021	72.31	60.47	86.13	89.66	43.13	63.21	107.93	106.46	67.05	43.86	106.90	80.49	62.91	34.47
8/4/2021	71.39	59.93	85.25	88.83	42.77	63.26	106.73	103.71	66.24	43.51	106.13	79.87	61.94	34.10
8/3/2021	71.6	59.98	85.61	89.09	44.24	63.34	106.61	103.97	66.38	43.83	106.90	79.42	62.47	34.34
8/2/2021	70.78	59.15	84.81	88.34	42.96	62.66	106.19	103.58	65.81	43.77	106.60	78.81	61.92	34.06
7/30/2021	70.32	58.53	83.92	88.12	42.83	61.79	105.11	102.92	65.22	43.34	105.45	77.90	61.99	33.75
7/29/2021	71.38	58.9	84.27	89.14	43.35	62.35	105.68	104.38	65.36	43.83	105.50	78.16	62.46	34.04
7/28/2021	71.24	59.37	84.19	88.99	43.65	62.26	105.65	104.31	65.21	43.75	105.52	77.85	63.54	33.96
7/27/2021	70.89	59.73	84.99	89.39	43.31	63.22	106.36	105.34	66.30	43.70	105.37	77.86	62.72	34.22
7/26/2021	70.4	58.6	83.25	87.68	43.33	61.98	104.58	103.78	65.15	43.22	104.41	76.91	62.64	33.73
7/23/2021	69.59	58.61	83.39	85.98	43.18	62.08	104.47	102.74	65.08	43.19	104.75	77.20	62.99	33.63
7/22/2021	68.59	57.56	82.49	84.88	42.66	61.23	102.92	100.89	64.14	42.68	102.90	76.12	61.48	33.21
7/21/2021	69.71	57.42	82.30	84.72	42.90	61.04	103.16	101.15	63.91	42.66	102.79	75.88	61.94	33.45
7/20/2021	70.32	58.31	83.98	85.74	43.54	61.94	103.74	102.35	64.00	43.23	104.28	77.17	62.27	33.89
7/19/2021	68.71	58.05	83.98	85.77	42.90	61.45	103.89	101.61	64.11	42.61	102.79	76.99	61.17	33.32
7/16/2021	70.89	58.55	85.06	87.49	43.00	62.01	104.76	104.72	64.56	42.92	103.77	77.92	62.83	34.23
7/15/2021	70.84	57.81	84.07	87.18	42.74	61.51	103.94	103.62	63.23	43.18	102.43	76.82	62.81	34.00
7/14/2021	70.12	57.23	83.22	86.18	41.97	60.48	102.70	102.53	62.31	42.00	99.53	75.70	61.56	33.47
7/13/2021	69.02	56.53	82.63	85.24	41.79	60.00	101.53	101.66	61.49	41.75	98.29	74.86	61.13	33.30
7/12/2021	69.31	56.94	82.88	85.41	42.56	60.36	101.53	103.04	61.90	42.54	99.35	75.09	61.42	33.95
7/9/2021	69.3	56.76	81.92	85.39	42.53	60.31	100.66	102.92	61.79	42.51	99.28	74.99	60.83	33.93
7/8/2021	68.38	56.84	82.06	85.31	42.19	60.27	100.56	102.27	61.81	41.93	98.09	75.13	60.28	33.97
7/7/2021	69.06	56.83	82.32	85.62	42.69	60.15	100.37	102.79	61.82	42.35	99.14	75.33	61.09	34.10
7/6/2021	68.8	56.39	81.40	85.24	42.59	59.81	99.83	102.31	61.71	42.34	97.63	75.13	60.19	33.97
7/2/2021	69.83	56.42	80.70	85.20	42.56	59.91	99.51	101.81	61.58	42.41	97.64	74.28	60.42	34.23
7/1/2021	70.65	56.27	80.70	85.26	42.97	60.07	99.55	101.56	61.39	42.53	98.30	74.19	60.96	33.98
6/30/2021	69.98	55.76	80.04	84.59	42.67	59.08	98.72	99.70	60.43	42.28	97.50	73.28	60.22	33.65
6/29/2021	69.37	55.74	79.91	83.93	42.88	58.85	98.12	100.46	60.64	41.85	97.49	74.08	59.70	33.68
6/28/2021	70.42	57.11	81.92	84.90	43.48	60.01	100.01	102.33	61.72	42.53	99.49	75.15	60.95	34.17
6/25/2021	70.06	57.13	81.74	84.77	43.57	60.13	99.72	101.58	61.66	42.82	100.03	73.86	61.10	34.38
6/24/2021	68.55	56.42	81.25	82.85	43.34	59.10	99.07	100.96	61.38	42.16	97.82	72.88	60.92	33.77
6/23/2021	67.69	56.75	81.69	82.65	43.32	58.54	99.23	100.38	61.08	41.75	97.50	73.35	60.98	33.83
6/22/2021	68.18	57.23	82.52	83.26	44.40	58.61	100.40	103.22	61.88	42.49	99.37	74.11	61.63	34.03
6/21/2021	68.41	57.33	83.39	83.19	44.40	58.53	101.31	104.49	63.71	42.96	100.61	74.33	62.29	34.32
6/18/2021	66.54	56.33	82.11	82.35	43.33	58.12	99.61	103.39	62.54	41.94	99.14	73.28	61.29	33.43
6/17/2021	69.37	58.12	84.49	84.39	44.78	59.51	102.42	107.65	64.48	43.51	102.02	74.58	63.84	34.52
6/16/2021	69.77	57.57	83.91	84.40	45.17	59.67	101.81	107.40	64.22	43.81	101.68	73.30	63.90	34.78
6/15/2021	70.53	58.75	86.14	85.24	45.44	60.50	103.22	109.23	64.52	44.45	101.56	73.43	64.72	35.19
6/14/2021	70.24	58.57	85.84	85.13	44.94	60.30	102.53	108.90	63.92	44.34	100.85	73.31	64.25	35.26
6/11/2021	70.51	58.58	85.79	84.76	44.95	60.67	101.93	108.94	64.19	44.84	100.89	73.49	65.11	35.45
6/10/2021	70.14	58.54	85.85	84.73	45.21	60.24	101.71	108.66	64.01	44.48	100.12	73.51	64.85	34.89
6/9/2021	69.88	58.3	85.36	84.45	44.85	59.93	101.39	107.62	63.36	44.35	99.58	72.45	64.66	34.48
6/8/2021	69.23	57.59	84.75	82.97	44.80	60.33	100.59	106.13	62.59	43.41	98.29	72.14	63.71	34.04
6/7/2021	69.35	58.1	86.13	85.67	44.70	62.80	101.86	106.59	62.68	43.34	98.24	72.47	63.83	34.23
6/4/2021	69.38	58.11	86.13	86.03	44.74	62.62	101.48	105.92	62.72	43.37	98.54	72.34	63.64	34.33
6/3/2021	69.42	58.13	85.56	85.96	45.00	62.67	101.67	105.81	62.51	43.30	98.44	72.37	63.62	34.24
6/2/2021	68.7	57.6	85.22	85.65	45.13	62.42	100.68	104.68	61.80	43.06	98.10	72.71	63.26	34.04
6/1/2021	68.75	56.99	84.18	85.10	45.19	62.31	100.08	104.63	61.47	42.83	97.58	72.12	63.39	34.25
5/28/2021	68.89	57.15	84.20	86.00	45.33	62.74	100.22	105.26	61.99	43.05	97.95	73.22	63.35	34.50
5/27/2021	68.64	56.75	83.67	85.55	44.89	62.30	100.01	104.80	61.31	42.55	97.60	73.00	63.00	34.57
5/26/2021	69.32	57.51	83.94	85.75	45.25	62.95	101.11	105.33	61.38	42.97	98.42	73.47	63.15	34.36
5/25/2021	68.7	57.6	83.72	85.93	45.41	63.25	101.31	105.92	61.43	42.90	98.75	73.37	63.25	33.73
5/24/2021	70.18	58.06	84.66	86.57	46.13	63.77	102.31	106.80	62.63	43.75	100.57	74.03	63.79	33.91
5/21/2021	70.15	58.11	85.11	86.65	45.97	64.15	102.86	106.64	62.53	44.12	100.80	74.44	63.13	33.70
5/20/2021	69.85	57.76	84.50	86.26	45.62	63.74	102.27	105.74	61.90	43.80	100.64	74.29	63.31	33.58
5/19/2021	69.37	57.7	84.21	85.92	46.20	63.22	101.16	105.01	62.76	43.91	100.61	72.66	62.96	33.58
5/18/2021	69.33	57.6	83.93	85.75	46.78	63.30	102.49	105.53	62.29	44.31	101.15	72.29	63.55	33.53
5/17/2021	69.69	56.48	83.40	85.45	46.64	62.98	102.45	105.52	62.12	44.37	100.80	71.90	64.00	33.79
5/14/2021	70.41	56.76	83.70	86.76	46.83	63.50	103.06	107.18	62.67	44.60	101.85	73.12	65.10	34.40
5/13/2021	70.06	56.88	83.51	86.52	46.74	63.53	103.00	106.06	62.83	44.50	101.79	72.63	65.20	33.84
5/12/2021	68.86	55.81	82.43	84.98	45.69	62.46	101.22	103.88	61.51	43.84	100.05	71.54	64.29	32.93
5/11/2021	70.64	56.97	83.39	86.41	46.62	63.53	103.63	107.03	62.45	44.25	102.23	74.07	66.07	33.42
5/10/2021	71.23	57.95	85.84	87.56	47.35	64.91	103.74	109.11	64.04	45.35	103.87	74.80	68.31	34.08
5/7/2021	71.41	56.74	84.98	87.19	46.97	63.99	100.86	108.31	63.82	45.19	103.26	74.53	67.74	33.93
5/6/2021	70.46	56.57	85.15	88.12	47.16	64.43	100.54	107.63	63.70	43.47	102.72	74.01	68.48	34.02
5/5/2021	69.79	55.61	84.35	87.47	46.56	64.20	99.36	106.94	63.53	42.96	101.66	73.78	67.78	33.42
5/4/2021	70.94	56.535	85.19	88.38	46.06	65.20	100.78	109.11	64.25	43.72	102.16	75.69	67.66	33.41
5/3/2021	70.69	56.17	85.16	88.68	46.02	65.03	100.71	109.23	64.06	43.20	102.14	76.70	67.82	33.49
4/30/2021	70.36	56.17	84.84	88.71	46.02	64.39	100.69	109.29	63.97	43.06	102.48	77.51	68.03	33.56
4/29/2021	69.38	55.38	84.14	88.09	46.00	63.95	99.55	108.59	63.43	42.92	101.32	77.22	67.04	33.72
4/28/2021	68.83	55.3	83.65	86.73	45.82	63.05	98.57	106.58	63.26	42.56	99.67	77.09	65.89	33.20
4/27/2021	69.2	55.52	83.45	87.20	45.82	63.32	98.61	106.54	62.90	42.33	98.72	77.28	66.28	32.63
4/26/2021	70.36	56.24	84.20	87.60	46.16	63.95	99.20	107.00	63.53	42.59	100.16	77.93	67.24	33.04
4/23/2021	71.04	56.44	84.78	87.70	46.57	64.13	99.85	106.71	63.48	42.74	100.28	78.24	68.24	32.95
4/22/2021	70.78	56.85	84.81	87.95	47.02	64.51	100.08	106.60	64.22	42.81	101.66	78.32	69.21	32.94
4/21/2021	70.97	57.08	85.08	89.35	46.97	64.73	101.09	107.68	64.61	43.31	101.79	77.97	70.27	33.28
4/20/2021	70.34	57.42	85.89	90.14	47.03	65.27	101.41	107.99	64.81	43.08	102.28	80.53	70.33	33.64
4/19/2021	70.9	56.19	83.79	88.65	47.67	64.12	100.20	106.58	63.24	43.12	101.76	79.79	69.24	33.56
4/16/2021	70.62	56.16	84.24	88.55	47.24	64.08	100.67	106.64	63.29	42.66	101.04	80.94	69.53	33.47
4/15/2021	70.01	55.68	83.58	87.81	47.70	63.40	99.75	105.59	62.16	42.67	100.49	80.18	68.18	33.40
4/14/2021	70.16	54.88	82.62	87.07	47.75	62.18	98.79	104.18	61.07	42.37	99.76	79.13	67.74	32.86
4/13/2021	69.59	54.51	82.28	86.72	47.49	61.66	98.50	103.41	61.12	42.40	99.39	79.04	67.35	32.63
4/12/2021	69.94	54.21	80.72	86.00	47.58	60.76	97.64	101.97	60.93	42.56	100.09	77.64	67.69	32.39
4/9/2021	69.42	54.01	80.53	85.89	47.57	60.46	97.54	101.14	60.66	42.38	99.43	77.94	66.97	32.20
4/8/2021	69.05	54.15	81.11	86.07	47.58	60.60	97.62	101.28	60.90	42.50	99.63	77.76	66.22	32.66
4/7/2021	68.66	54.39	81.30	86.69	47.73	61.14	97.82	101.72	61.26	42.80	100.28	77.41	65.79	32.99
4/6/2021	69.06	54.82	81.50	86.77	47.30	61.71	97.57	101.90	61.16	43.85	100.45	77.56	65.91	32.70
4/5/2021	70.69	54.84	81.49	86.29	47.43	61.48	96.93	100.53	60.63	44.06	100.58	76.78	66.04	32.83
4/1/2021	67.37	54.36	81.03	85.54	47.43	61.02	96.28	99.64	59.93	44.66	100.26	75.77	64.80	32.61
3/31/2021	67.19	54.16	81.36	84.70	47.75	61.22	96.53	99.47	59.53	44.43	99.97	75.61	65.20	32.36
3/30/2021	67.27	54.16	81.33	84.73	47.21	61.02	96.24	98.66	59.37	44.52	99.68	74.22	65.08	32.45
3/29/2021	67.88	54.64	82.67	85.84	47.94	61.92	97.58	99.16	60.16	44.69	101.27	74.80	65.56	32.78
3/26/2021	67.62	53.97	81.46	84.99	48.27	60.93	95.83	98.44	59.14	44.41	101.61	74.06	64.84	32.40
3/25/2021	67.68	53.75	81.59	84.72	47.95	61.10	95.53	98.31	59.83	42.82	100.16	73.45	64.59	32.25
3/24/2021	67.27	53.32	80.99	84.99	46.43	60.88	94.39	97.43	59.04	42.66	98.15	72.83	63.82	32.02
3/23/2021	66.62	53.07	79.98	84.64	46.24	60.53	94.02	98.11	58.89	42.36	97.91	74.02	63.30	32.01
3/22/2021	67.6	51.51	77.97	83.63	46.27	58.50	93.12	97.68	58.63	42.04	97.81	71.69	62.73	32.08
3/19/2021	68.41	51.77	78.80	83.67	46.33	58.35	92.72	98.44	59.54	42.61	100.25	70.84	63.63	32.28
3/18/2021	68.35	51.78	78.54	82.60	45.07	58.03	92.33	98.05	58.64	42.33	99.78	71.13	63.56	32.49
3/17/2021	69.45	51.71	78.11	82.12	45.55	57.87	91.85	98.94	58.38	40.80	99.68	72.96	63.75	32.40

3/16/2021	71.47	52.7	78.49	83.50	46.65	58.38	93.02	98.91	59.61	40.86	102.60	75.38	64.35	33.02
3/15/2021	71.84	52.695	78.82	82.28	47.14	58.50	92.33	98.13	59.19	41.34	101.12	75.52	64.05	33.15
3/12/2021	70.03	51.12	77.30	81.04	45.00	57.54	91.40	95.76	57.68	40.15	97.18	75.67	63.12	31.81
3/11/2021	67.62	49.99	76.07	80.00	43.13	56.76	90.69	93.35	56.76	38.78	93.86	74.86	62.03	31.35
3/10/2021	67.26	50.39	76.19	81.20	43.67	57.09	90.79	94.44	56.95	39.02	94.78	74.46	62.20	32.13
3/9/2021	65.65	49.88	74.72	80.60	42.36	56.53	90.95	90.75	56.54	38.65	92.81	74.02	60.61	31.79
3/8/2021	65.31	49.71	74.19	80.49	42.82	56.15	90.22	90.16	56.27	38.77	92.43	70.86	61.61	32.07
3/5/2021	63.62	48.39	72.86	78.90	42.92	55.37	88.53	89.13	55.35	37.24	90.14	70.70	60.91	31.74
3/4/2021	63.03	47.2	71.18	77.25	40.87	53.91	86.46	87.59	54.82	36.33	87.26	71.29	59.20	30.76
3/3/2021	62.63	46.91	71.13	76.32	40.66	53.88	87.27	87.43	53.71	36.14	86.22	72.52	58.78	30.09
3/2/2021	61.28	47.11	71.91	76.45	39.58	54.88	87.24	88.76	53.61	35.44	86.14	75.54	59.53	29.76
3/1/2021	62.7	47.09	71.49	76.71	39.80	54.82	87.04	87.76	53.96	35.39	88.13	75.91	59.78	29.59
2/26/2021	62.13	46.16	70.27	74.85	40.21	54.11	85.59	86.81	53.63	34.96	86.24	73.48	58.48	29.27
2/25/2021	62.39	47.37	71.41	76.30	40.60	55.06	87.12	88.04	53.69	34.71	88.25	74.06	59.73	29.61
2/24/2021	63.24	47.53	71.40	77.10	39.41	54.57	87.34	89.97	54.55	34.45	88.35	73.76	60.30	31.16
2/23/2021	63.46	48.23	71.86	78.09	38.82	55.69	89.04	91.16	54.35	35.34	88.90	74.71	59.46	31.40
2/22/2021	63.7	47.13	71.00	76.77	38.14	54.78	88.35	89.08	52.41	35.13	87.00	75.10	57.24	31.10
2/19/2021	64.58	47.63	72.33	79.08	38.43	55.98	88.43	93.18	54.23	35.02	88.18	78.10	58.63	31.92
2/18/2021	63.82	48.61	74.09	80.48	37.81	56.62	89.53	93.93	55.22	34.90	88.45	80.73	58.19	31.75
2/17/2021	64.98	48.225	73.30	78.49	38.61	55.83	89.20	93.19	54.80	34.64	86.93	80.68	57.55	31.76
2/16/2021	65.22	47.82	72.66	78.19	38.49	55.45	88.38	93.75	54.42	34.73	86.68	81.19	56.90	31.63
2/12/2021	65.24	48.29	73.28	78.61	38.79	56.38	89.82	94.89	54.43	34.72	86.49	83.13	56.44	31.54
2/11/2021	67.1	48.71	72.56	78.95	39.45	56.58	90.42	94.64	54.72	34.41	86.42	83.95	57.47	31.66
2/10/2021	66.99	49.12	73.44	80.01	39.26	56.93	93.70	96.01	55.34	34.96	87.12	83.91	57.54	31.70
2/9/2021	65.62	48.84	73.26	79.84	38.75	56.58	93.32	95.00	54.70	33.98	86.57	83.83	57.11	30.93
2/8/2021	66.78	49.06	72.59	80.98	38.34	56.44	93.60	94.47	54.22	33.97	87.98	83.40	56.18	31.02
2/5/2021	66.09	49.68	74.20	82.19	38.19	57.45	94.74	96.63	54.89	34.10	88.63	83.60	56.44	31.43
2/4/2021	63.82	49.455	73.93	82.21	37.43	56.86	94.35	96.47	55.00	33.82	87.77	83.00	55.40	31.38
2/3/2021	63.28	49.11	72.74	81.28	37.32	57.20	93.39	94.89	53.64	33.73	87.70	83.05	54.80	30.81
2/2/2021	63.97	49.02	72.77	82.11	37.71	57.42	93.10	95.83	53.87	33.56	88.59	82.93	55.45	31.24
2/1/2021	63.97	48.95	72.84	81.18	37.83	57.18	93.16	95.15	53.74	33.51	88.55	81.70	54.95	30.81
1/29/2021	62.84	48.65	72.72	80.91	37.48	56.88	94.00	95.33	53.73	33.06	88.30	80.87	54.47	30.52
1/28/2021	62.44	48.96	73.91	80.56	38.67	57.25	91.48	95.87	53.84	33.47	89.31	82.46	54.90	30.96
1/27/2021	60.34	48.98	75.09	80.44	38.92	57.30	91.71	93.61	52.72	33.94	87.76	80.19	54.58	30.72
1/26/2021	61.48	49.84	75.21	81.82	39.35	58.78	92.92	94.69	53.54	33.76	90.18	85.23	54.92	31.57
1/25/2021	63.39	50.5	75.08	82.59	39.27	59.52	92.91	94.75	54.26	34.34	90.39	86.87	56.00	31.82
1/22/2021	65.71	49.41	72.88	82.08	38.66	58.41	90.29	93.97	53.80	34.50	88.41	84.21	55.43	31.36
1/21/2021	65.49	49.75	71.74	80.97	38.51	58.11	90.18	93.67	53.58	33.80	88.63	83.71	55.91	31.30
1/20/2021	69	49.92	72.54	80.75	38.54	58.70	90.78	94.72	53.89	34.59	89.51	84.05	56.32	31.36
1/19/2021	68.84	49.63	72.99	80.71	38.79	58.25	90.38	95.12	53.38	34.22	89.47	82.81	57.32	31.09
1/15/2021	69.72	49.47	74.39	80.47	40.33	58.62	92.11	95.25	54.30	34.13	90.35	82.04	59.13	31.30
1/14/2021	69	48.09	73.99	78.83	40.15	57.82	91.66	94.00	53.31	33.45	89.55	82.53	58.20	30.72

OTTR	PNW	POR	SO	WEC	XEL	30-Yr. Treas.
$55.36	$75.39	$50.02	$65.23	$93.22	$66.59	1.93
$51.74	$80.87	$48.96	$63.98	$93.25	$67.87	
$48.20	$80.51	$47.63	$62.88	$91.92	$66.91	

OTTR US Equity	PNW US Equity	POR US Equity	SO US Equity	WEC US Equity	XEL US Equity	H15T30 Index
55.97	72.36	46.99	61.97	88.20	62.50	2.08
56.80	72.40	48.06	62.64	89.01	62.67	2.09
55.98	71.68	47.45	61.94	87.77	61.42	2.07
56.76	72.29	47.78	62.44	88.33	62.25	1.99
56.22	72.55	48.32	63.16	90.00	63.32	1.99
56.01	72.59	49.07	63.40	90.28	62.90	1.92
55.11	72.95	48.45	63.61	91.23	63.19	1.84
54.67	73.43	48.14	63.81	91.38	63.29	1.86
54.81	73.64	48.24	63.96	90.99	63.44	1.85
54.98	73.82	48.54	64.14	90.75	64.00	1.91
55.51	73.35	49.51	65.38	91.58	65.00	1.88
56.24	73.93	50.25	66.01	92.02	65.45	1.87
55.70	74.00	50.15	65.97	93.42	66.11	1.85
56.54	75.10	50.29	66.33	93.68	67.08	1.91
57.73	74.55	50.35	66.21	94.89	67.76	1.94
57.59	75.54	51.42	67.18	95.99	69.27	1.9
57.11	76.34	51.84	67.31	96.42	69.31	1.95
55.59	75.78	50.66	66.19	94.06	67.90	1.99
55.26	77.18	51.76	66.27	96.08	69.80	1.94
56.14	78.26	52.15	66.85	96.80	70.32	1.9
55.47	77.78	52.12	66.48	95.90	69.75	1.92
54.87	76.90	51.35	65.73	94.48	68.75	1.92
55.02	76.49	50.89	65.75	95.02	69.03	1.9
54.58	77.31	50.72	65.99	94.41	68.70	1.91
53.41	76.71	50.32	66.14	94.38	68.30	1.94
53.11	77.79	50.52	65.87	94.66	68.31	1.96
52.92	77.76	50.99	65.73	94.45	68.29	1.91
53.85	78.91	51.42	66.67	95.79	68.99	1.87
53.71	80.16	51.65	67.32	97.59	70.61	1.87
53.20	80.08	51.21	66.38	96.97	70.12	1.88
53.21	80.19	50.96	66.01	96.46	69.33	
53.84	80.15	51.36	66.45	97.36	69.95	
53.75	80.14	50.94	66.38	97.18	69.77	
53.70	79.78	50.65	65.53	96.21	69.04	
53.54	79.67	50.22	65.72	95.60	68.79	
53.72	80.40	50.33	65.63	96.41	69.07	
53.29	80.33	49.49	65.21	96.10	68.71	
53.30	80.32	50.08	64.85	96.33	69.12	
53.48	80.34	50.35	64.70	96.31	69.08	
53.98	79.46	49.78	64.78	96.48	69.24	
52.87	78.19	49.53	64.03	95.83	68.95	
53.37	80.98	50.22	64.13	95.61	68.70	
51.15	83.16	49.90	64.08	94.70	68.56	
50.79	83.55	48.90	63.87	94.14	68.25	
51.04	85.40	49.15	64.46	94.58	68.79	
50.69	85.32	49.21	63.99	94.44	68.70	
50.28	86.36	48.88	64.54	96.50	69.46	
49.94	84.89	48.34	63.73	94.16	68.31	
49.70	84.55	48.47	63.86	94.03	68.27	
48.80	83.18	47.21	62.98	92.47	67.24	
49.44	83.64	47.52	62.82	92.10	67.06	
50.13	84.87	47.84	62.95	93.82	68.16	
49.21	84.31	47.35	62.79	94.23	68.27	
50.49	86.39	47.86	63.11	95.44	69.13	
50.32	84.50	47.47	62.67	94.75	68.72	
49.22	84.14	46.64	61.89	93.15	68.09	
48.76	83.10	46.13	61.34	91.89	67.58	
48.80	83.78	46.30	61.80	92.37	67.84	
48.55	83.65	46.42	61.47	91.84	67.67	
48.11	83.06	45.70	61.55	92.21	67.50	
48.30	83.56	46.46	61.69	91.79	67.69	
47.98	83.47	46.21	61.64	90.70	67.07	
48.39	82.90	46.28	61.53	90.02	66.82	
48.90	83.08	46.55	61.48	90.19	67.03	
48.81	81.97	46.08	60.51	88.95	65.88	
48.24	81.41	46.44	60.46	89.02	65.71	
48.39	82.73	47.56	61.49	90.96	67.06	
48.98	82.63	47.92	61.53	90.10	67.10	
48.34	81.51	46.76	60.98	89.08	66.26	
47.89	81.14	47.22	61.47	88.97	66.23	
48.53	82.26	47.94	62.08	90.17	66.75	
48.83	82.63	48.17	62.50	90.67	67.14	
47.52	81.05	47.34	61.45	89.43	66.60	
49.28	84.59	49.17	63.35	92.38	68.35	
49.25	85.99	49.48	62.98	91.93	67.76	
49.79	87.88	50.21	64.32	93.10	69.19	
49.55	88.08	50.01	63.79	92.69	69.08	
49.79	87.68	49.85	63.85	92.90	69.54	
49.42	88.12	49.88	63.88	93.13	69.63	
49.62	87.16	49.61	63.63	92.91	69.35	
49.22	86.86	49.07	63.44	91.93	68.80	
48.89	86.99	48.87	64.67	93.56	70.12	
48.71	87.03	48.95	64.35	93.59	70.08	
49.05	86.97	48.92	64.46	93.83	70.48	
48.30	85.64	48.11	63.90	93.18	70.24	
48.28	84.45	47.81	63.43	92.97	70.00	
47.97	84.58	47.94	63.92	93.91	70.88	
47.81	84.22	47.71	63.66	93.35	70.27	
47.65	86.41	48.15	63.72	93.99	71.00	
46.97	86.08	48.08	64.08	94.21	71.24	
47.81	86.49	49.19	64.42	95.36	71.67	
47.61	85.98	49.20	64.38	96.22	72.04	
47.32	85.37	48.89	64.06	95.52	71.58	
47.23	85.43	48.79	63.98	94.87	70.57	
47.46	85.54	49.33	64.16	95.40	70.81	
47.80	85.44	49.41	64.44	95.76	70.80	
48.34	86.06	49.73	65.11	96.20	71.72	
48.24	85.45	49.72	65.73	95.84	71.12	
47.07	83.65	48.72	64.36	95.02	70.17	
48.44	86.83	49.63	65.80	96.44	71.03	
48.57	87.76	50.38	66.31	99.26	72.59	
48.95	86.12	50.23	66.26	97.64	71.32	
48.57	85.61	50.31	66.05	97.95	71.55	
47.43	84.50	49.72	65.45	96.56	70.75	
48.14	84.63	50.41	66.42	97.86	71.84	
47.89	84.53	50.48	66.05	98.00	71.62	
47.23	84.65	50.86	66.17	97.17	71.30	
46.95	83.57	50.26	65.16	95.75	70.56	
46.33	81.63	49.61	64.34	94.66	69.81	
46.22	82.11	49.33	64.33	94.98	70.00	
47.09	83.33	50.02	64.66	95.80	70.60	
47.51	83.81	50.66	65.33	96.79	71.08	
47.17	84.46	50.67	65.10	97.16	71.12	
47.35	85.16	51.18	65.73	97.28	71.32	
47.53	85.97	51.46	66.09	99.15	71.55	
47.24	84.24	50.69	64.92	96.85	70.49	
47.48	84.90	50.52	65.01	96.96	70.37	
47.22	84.47	50.14	64.49	95.94	69.96	
46.56	83.52	49.47	63.89	93.99	68.68	
46.46	83.05	49.40	63.56	94.05	68.48	
46.65	82.55	49.02	62.89	92.95	67.91	
46.11	81.77	48.82	62.73	92.35	67.43	
45.98	81.82	48.63	62.86	92.86	67.72	
46.19	82.26	48.52	62.80	93.42	68.05	
46.36	83.33	48.42	63.11	93.80	68.16	
46.55	83.05	48.22	62.66	93.81	68.11	
46.51	81.81	47.24	62.33	93.32	66.79	
46.17	81.35	47.47	62.16	93.59	66.51	
46.19	80.72	47.24	61.54	93.39	66.01	
46.73	81.43	47.80	62.32	94.79	67.00	
46.46	80.22	47.46	61.66	93.03	66.31	
45.88	80.27	47.42	61.38	93.19	66.00	
45.60	79.60	46.80	60.69	91.95	65.58	
45.39	79.90	47.42	60.63	92.37	65.44	
45.32	79.73	46.81	59.69	88.76	63.75	
46.20	80.79	47.60	59.70	88.82	62.99	
45.50	79.58	47.19	60.40	88.04	62.40	
45.24	79.20	46.90	60.70	87.45	62.69	

45.95	79.58	47.80	61.25	88.89	63.41
45.66	80.41	48.42	60.98	88.91	63.07
45.33	78.33	47.48	59.84	88.49	62.08
44.52	76.78	45.88	59.28	86.86	61.86
44.98	78.46	46.20	59.78	87.22	62.18
43.50	77.58	44.45	59.41	86.75	62.15
43.60	78.25	44.79	59.61	86.33	61.96
42.87	76.30	43.33	58.35	84.48	61.35
41.59	74.65	42.55	57.41	82.28	58.92
41.75	72.99	42.05	57.59	82.26	58.03
41.12	73.72	41.43	57.83	83.03	58.98
41.29	72.30	41.82	57.78	82.79	59.15
40.52	69.93	42.16	56.72	80.64	58.59
41.37	73.04	42.83	57.76	81.78	59.84
41.90	73.06	43.20	58.38	81.93	60.21
41.45	75.50	42.99	58.92	84.02	61.93
41.52	74.59	42.12	59.29	82.04	60.43
41.85	76.26	41.88	59.31	83.23	62.07
41.93	77.17	41.86	59.85	83.48	62.30
42.03	77.15	41.87	59.27	82.03	60.90
41.19	76.02	41.64	59.30	81.18	60.51
42.17	76.19	42.10	60.10	83.05	61.54
42.19	76.66	42.45	61.29	83.95	61.57
42.59	77.12	42.85	60.93	85.89	62.28
42.34	76.66	42.80	60.64	85.46	62.12
42.06	76.94	42.67	60.73	85.17	62.25
41.86	77.78	43.05	60.88	86.82	63.44
41.45	77.06	42.59	60.34	86.75	63.59
41.11	76.73	42.47	59.45	87.22	63.18
41.18	76.70	43.57	59.64	87.79	64.20
40.14	76.20	43.21	59.11	88.55	63.94
39.69	75.25	42.29	58.92	88.90	63.99
40.40	76.68	42.19	59.04	89.50	63.64
39.60	76.31	41.55	58.54	90.84	63.82
41.07	77.50	42.20	59.69	89.34	65.81
41.90	78.36	42.27	61.02	89.44	66.50
41.60	77.09	41.79	60.14	87.38	64.76
41.24	77.53	41.86	59.88	87.83	65.11
41.39	77.94	41.97	60.65	88.35	65.43
41.22	78.00	42.46	61.06	87.87	64.71
41.99	78.55	43.32	59.66	88.69	64.96
42.26	77.05	42.45	59.04	86.86	63.56

Source: Bloomberg Professional Service

ALE US Equity

DVD_HIST							ALE
7/29/2021	8/13/2021	8/16/2021	9/1/2021	0.63	Quarter	Regular Cash	$2.52
4/29/2021	5/13/2021	5/14/2021	6/1/2021	0.63	Quarter	Regular Cash	
2/4/2021	2/12/2021	2/16/2021	3/1/2021	0.63	Quarter	Regular Cash	
10/30/2020	11/13/2020	11/16/2020	12/1/2020	0.6175	Quarter	Regular Cash	

LNT US Equity

DVD_HIST							LNT
7/20/2021	7/29/2021	7/30/2021	8/16/2021	$0.403	Quarter	Regular Cash	$1.61
4/20/2021	4/29/2021	4/30/2021	5/17/2021	$0.403	Quarter	Regular Cash	
1/19/2021	1/28/2021	1/29/2021	2/16/2021	$0.403	Quarter	Regular Cash	
10/13/2020	10/29/2020	10/30/2020	11/16/2020	$0.380	Quarter	Regular Cash	

AEE US Equity

DVD_HIST							AEE
8/13/2021	9/7/2021	9/8/2021	9/30/2021	$0.550	Quarter	Regular Cash	$2.20
5/7/2021	6/8/2021	6/9/2021	6/30/2021	$0.550	Quarter	Regular Cash	
2/12/2021	3/9/2021	3/10/2021	3/31/2021	$0.550	Quarter	Regular Cash	
10/9/2020	12/8/2020	12/9/2020	12/31/2020	$0.515	Quarter	Regular Cash	

AEP US Equity

DVD_HIST							AEP
7/20/2021	8/9/2021	8/10/2021	9/10/2021	$0.740	Quarter	Regular Cash	$2.96
4/20/2021	5/7/2021	5/10/2021	6/10/2021	$0.740	Quarter	Regular Cash	
1/19/2021	2/9/2021	2/10/2021	3/10/2021	$0.740	Quarter	Regular Cash	
10/20/2020	11/9/2020	11/10/2020	12/10/2020	$0.740	Quarter	Regular Cash	

AVA US Equity

DVD_HIST							AVA
8/5/2021	8/18/2021	8/19/2021	9/15/2021	$0.423	Quarter	Regular Cash	$1.69
5/11/2021	5/26/2021	5/27/2021	6/15/2021	$0.423	Quarter	Regular Cash	
2/5/2021	2/18/2021	2/19/2021	3/15/2021	$0.423	Quarter	Regular Cash	
11/10/2020	12/2/2020	12/3/2020	12/15/2020	$0.405	Quarter	Regular Cash	

CMS US Equity

DVD_HIST							CMS
7/22/2021	8/5/2021	8/6/2021	8/31/2021	$0.435	Quarter	Regular Cash	$1.74
4/22/2021	5/6/2021	5/7/2021	5/28/2021	$0.435	Quarter	Regular Cash	
1/21/2021	2/4/2021	2/5/2021	2/26/2021	$0.435	Quarter	Regular Cash	
10/15/2020	11/5/2020	11/6/2020	11/30/2020	$0.408	Quarter	Regular Cash	

DUK US Equity

DVD_HIST							DUK
7/12/2021	8/12/2021	8/13/2021	9/16/2021	0.985	Quarter	Regular Cash	$3.94
5/6/2021	5/13/2021	5/14/2021	6/16/2021	0.965	Quarter	Regular Cash	
1/4/2021	2/11/2021	2/12/2021	3/16/2021	0.965	Quarter	Regular Cash	
10/23/2020	11/12/2020	11/13/2020	12/16/2020	0.965	Quarter	Regular Cash	

ETR US Equity

DVD_HIST							ETR
7/30/2021	8/11/2021	8/12/2021	9/1/2021	0.95	Quarter	Regular Cash	$3.80
4/12/2021	5/5/2021	5/6/2021	6/1/2021	0.95	Quarter	Regular Cash	
1/29/2021	2/11/2021	2/12/2021	3/1/2021	0.95	Quarter	Regular Cash	
10/30/2020	11/10/2020	11/12/2020	12/1/2020	0.95	Quarter	Regular Cash	

EVRG US Equity

DVD_HIST							EVRG
8/5/2021	8/19/2021	8/20/2021	9/20/2021	$0.535	Quarter	Regular Cash	$2.14
5/6/2021	5/20/2021	5/21/2021	6/21/2021	$0.535	Quarter	Regular Cash	
2/26/2021	3/5/2021	3/8/2021	3/22/2021	$0.535	Quarter	Regular Cash	
11/5/2020	11/19/2020	11/20/2020	12/21/2020	$0.535	Quarter	Regular Cash	

HE US Equity

DVD_HIST							HE
8/6/2021	8/18/2021	8/19/2021	9/10/2021	$0.340	Quarter	Regular Cash	$1.36
5/6/2021	5/19/2021	5/20/2021	6/10/2021	$0.340	Quarter	Regular Cash	
2/9/2021	2/24/2021	2/25/2021	3/10/2021	$0.340	Quarter	Regular Cash	
11/4/2020	11/19/2020	11/20/2020	12/10/2020	$0.330	Quarter	Regular Cash	

IDA US Equity

DVD_HIST							IDA
7/15/2021	8/4/2021	8/5/2021	8/31/2021	$0.710	Quarter	Regular Cash	$2.84
4/15/2021	5/4/2021	5/5/2021	6/1/2021	$0.710	Quarter	Regular Cash	
1/21/2021	2/4/2021	2/5/2021	3/1/2021	$0.710	Quarter	Regular Cash	
9/17/2020	11/4/2020	11/5/2020	11/30/2020	$0.710	Quarter	Regular Cash	

NEE US Equity

DVD_HIST							NEE
7/30/2021	8/26/2021	8/27/2021	9/15/2021	$0.385	Quarter	Regular Cash	$1.54
5/20/2021	6/1/2021	6/2/2021	6/15/2021	$0.385	Quarter	Regular Cash	
2/12/2021	2/25/2021	2/26/2021	3/15/2021	$0.385	Quarter	Regular Cash	
10/16/2020	11/25/2020	11/27/2020	12/15/2020	$0.350	Quarter	Regular Cash	

NWE US Equity

DVD_HIST							NWE
7/27/2021	9/14/2021	9/15/2021	9/30/2021	0.62	Quarter	Regular Cash	$2.48
4/21/2021	6/14/2021	6/15/2021	6/30/2021	0.62	Quarter	Regular Cash	
2/11/2021	3/12/2021	3/15/2021	3/31/2021	0.62	Quarter	Regular Cash	
10/21/2020	12/14/2020	12/15/2020	12/31/2020	0.6	Quarter	Regular Cash	

OGE US Equity

DVD_HIST							OGE
9/29/2021	10/8/2021	10/12/2021	10/29/2021	$0.410	Quarter	Regular Cash	$1.64
5/20/2021	7/9/2021	7/12/2021	7/30/2021	$0.403	Quarter	Regular Cash	
2/25/2021	4/9/2021	4/12/2021	4/30/2021	$0.403	Quarter	Regular Cash	
12/2/2020	1/8/2021	1/11/2021	1/29/2021	$0.403	Quarter	Regular Cash	

OTTR US Equity

DVD_HIST							OTTR
8/2/2021	8/12/2021	8/13/2021	9/10/2021	$0.390	Quarter	Regular Cash	$1.56
5/3/2021	5/13/2021	5/14/2021	6/10/2021	$0.390	Quarter	Regular Cash	
2/2/2021	2/11/2021	2/12/2021	3/10/2021	$0.390	Quarter	Regular Cash	
11/2/2020	11/12/2020	11/13/2020	12/10/2020	$0.370	Quarter	Regular Cash	

PNW US Equity

DVD_HIST							PNW
6/23/2021	7/30/2021	8/2/2021	9/1/2021	0.83	Quarter	Regular Cash	$3.32
4/21/2021	4/30/2021	5/3/2021	6/1/2021	0.83	Quarter	Regular Cash	
12/16/2020	1/29/2021	2/1/2021	3/1/2021	0.83	Quarter	Regular Cash	
10/22/2020	10/30/2020	11/2/2020	12/1/2020	0.83	Quarter	Regular Cash	

POR US Equity

DVD_HIST							POR
7/28/2021	9/24/2021	9/27/2021	10/15/2021	0.43	Quarter	Regular Cash	$1.72
4/28/2021	6/24/2021	6/25/2021	7/15/2021	0.43	Quarter	Regular Cash	
2/17/2021	3/24/2021	3/25/2021	4/15/2021	0.4075	Quarter	Regular Cash	
10/28/2020	12/24/2020	12/28/2020	1/15/2021	0.4075	Quarter	Regular Cash	

SO US Equity

DVD_HIST							SO
7/19/2021	8/13/2021	8/16/2021	9/7/2021	0.66	Quarter	Regular Cash	$2.64
4/19/2021	5/14/2021	5/17/2021	6/7/2021	0.66	Quarter	Regular Cash	
1/15/2021	2/12/2021	2/16/2021	3/8/2021	0.64	Quarter	Regular Cash	
10/19/2020	11/13/2020	11/16/2020	12/7/2020	0.64	Quarter	Regular Cash	

WEC US Equity

DVD_HIST							WEC
7/15/2021	8/12/2021	8/13/2021	9/1/2021	$0.678	Quarter	Regular Cash	$2.71
4/15/2021	5/13/2021	5/14/2021	6/1/2021	$0.678	Quarter	Regular Cash	
12/3/2020	2/11/2021	2/14/2021	3/1/2021	$0.678	Quarter	Regular Cash	
10/15/2020	11/12/2020	11/13/2020	12/1/2020	$0.633	Quarter	Regular Cash	

XEL US Equity

DVD_HIST							XEL
8/18/2021	9/14/2021	9/15/2021	10/20/2021	$0.458	Quarter	Regular Cash	$1.83
5/19/2021	6/14/2021	6/15/2021	7/20/2021	$0.458	Quarter	Regular Cash	
2/17/2021	3/12/2021	3/15/2021	4/20/2021	$0.458	Quarter	Regular Cash	
12/9/2020	12/22/2020	12/23/2020	1/20/2021	$0.430	Quarter	Regular Cash	

As of March 31, 2021

		EPS Growth Rate Estimates		
		Zacks	Yahoo! Finance	Value Line
ALLETE, Inc.	ALE	6.00%	5.67%	5.00%
Alliant Energy Corporation	LNT	5.90%	5.80%	5.50%
Ameren Corporation	AEE	7.30%	7.70%	6.50%
American Electric Power Company, Inc.	AEP	5.70%	6.03%	6.50%
Avista Corporation	AVA	5.10%	6.20%	3.00%
CMS Energy Corporation	CMS	6.90%	5.72%	6.00%
Duke Energy Corporation	DUK	5.30%	5.45%	7.00%
Entergy Corporation	ETR	1.40%	3.50%	3.00%
Evergy, Inc	EVRG	6.10%	5.70%	8.00%
Hawaiian Electric Industries, Inc.	HE	7.30%	1.30%	5.00%
IDACORP, Inc.	IDA	3.90%	3.20%	4.00%
NextEra Energy, Inc.	NEE	8.30%	7.85%	10.50%
NorthWestern Corporation	NWE	4.80%	4.50%	3.00%
OGE Energy Corp.	OGE	4.50%	3.90%	4.00%
Otter Tail Corporation	OTTR	4.70%	9.00%	7.00%
Pinnacle West Capital Corporation	PNW	5.00%	0.10%	5.00%
Portland General Electric Company	POR	8.60%	7.10%	8.50%
The Southern Company	SO	4.90%	6.50%	6.00%
WEC Energy Group, Inc.	WEC	6.30%	6.50%	6.50%
Xcel Energy Inc.	XEL	6.10%	6.30%	6.00%
Average		5.71%	5.40%	5.80%
Median		5.80%	5.76%	6.00%

Bloomberg and Value Line Beta Coefficients

		As of September 30, 2021		As of February 28, 2020	
		[1]	[2]	[1]	[2]
Company	Ticker	Value Line	Bloomberg	Value Line	Bloomberg
ALLETE, Inc.	ALE	0.900	1.103	0.65	0.48
Alliant Energy Corporation	LNT	0.850	1.042	0.60	0.50
Ameren Corporation	AEE	0.850	0.958	0.55	0.49
American Electric Power Company, Inc.	AEP	0.750	1.010	0.55	0.46
Avista Corporation	AVA	0.950	0.992	0.60	0.50
CMS Energy Corporation	CMS	0.800	0.991	0.50	0.44
Duke Energy Corporation	DUK	0.900	0.988	0.45	0.43
Entergy Corporation	ETR	0.950	1.195	0.60	0.46
Evergy, Inc	EVRG	0.950	1.077	NMF	0.42
Hawaiian Electric Industries, Inc.	HE	0.800	0.841	0.55	0.47
IDACORP, Inc.	IDA	0.850	1.050	0.55	0.45
NextEra Energy, Inc.	NEE	0.950	1.004	0.50	0.45
NorthWestern Corporation	NWE	0.950	1.280	0.60	0.52
OGE Energy Corp.	OGE	1.050	1.282	0.75	0.53
Otter Tail Corporation	OTTR	0.900	1.063	0.70	0.61
Pinnacle West Capital Corporation	PNW	0.900	1.165	0.50	0.37
Portland General Electric Company	POR	0.900	1.072	0.55	0.48
The Southern Company	SO	0.950	1.112	0.50	0.52
WEC Energy Group, Inc.	WEC	0.800	0.988	0.50	0.44
Xcel Energy Inc.	XEL	0.800	0.998	0.50	0.46
Mean		0.888	1.060	0.563	0.474
Median		0.900	1.046	0.550	0.464

Notes:
[1] Source: Value Line
[2] Source: Bloomberg Professional Service

Rate Case History (Past Rate Cases)
List None
Company List All
States All
Years All
Service Type Electric

S&P Global
Market Intelligence

State	Company	Parent Company Ticker	Docket	Rate Case Service Type	Case Type	Date	Rate Increase ($M)	Return on Original Cost Rate (%)	Return on Equity (%)	Common Equity to Total Capital (%)	Rate Base ($M)
Vermont	Central Vermont Public Service		D-NA	Electric	Vertically Integrated	11/30/1979	5.3	10.80	14.50	39.30	NA
Ohio	Duke Energy Ohio Inc.	DUK	C-79-11-EL-AIR	Electric	Vertically Integrated	4/6/1979	104.0	11.09	16.50	36.70	NA
Texas	CenterPoint Energy Houston	CNP	D-2676	Electric	Vertically Integrated	7/2/1979	179.4	10.76	15.50	40.18	NA
Oregon	Portland General Electric Co.	POR	C-UF-3518	Electric	Vertically Integrated	6/1/1979	78.0	10.82	14.50	36.67	NA
Virginia	Appalachian Power Co.	AEP	C-PUE-790015	Electric	Vertically Integrated	11/9/1979	16.2	NA	13.93	36.60	NA
Texas	AEP Texas Central Co.	AEP	D-2840	Electric	Vertically Integrated	10/1/1979	94.8	10.75	15.50	37.68	NA
Ohio	Ohio Edison Co.	FE	C-78-1567&68-EL-AIR	Electric	Vertically Integrated	4/29/1979	149.6	10.46	14.50	39.00	NA
Massachusetts	Commonwealth Electric Co.		DPU-20132-E	Electric	Vertically Integrated	7/17/1979	11.2	11.04	14.00	51.99	NA
Illinois	Commonwealth Edison Co.	EXC	D-79-0214	Electric	Vertically Integrated	4/6/1979	451.7	10.31	14.15	35.70	NA
South Dakota	Black Hills Power Inc.	BKH	D-F-3325	Electric	Vertically Integrated	10/17/1979	5.3	10.87	14.50	44.37	NA
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-9-E	Electric	Vertically Integrated	5/31/1979	10.1	NA	14.00	41.30	NA
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-5	Electric	Vertically Integrated	7/8/1977	26.8	NA	14.50	38.10	NA
Maryland	Delmarva Power & Light Co.	EXC	C-7363 0-64218	Electric	Vertically Integrated	8/2/1979	7.6	9.79	15.00	34.65	NA
Arkansas	Entergy Arkansas LLC	ETR	D-U-2972	Electric	Vertically Integrated	10/23/1978	27.0	10.09	14.50	32.04	NA
New York	Niagara Mohawk Power Corp.	NG.	C-27538,39	Electric	Vertically Integrated	4/6/1979	135.5	10.14	14.00	38.24	NA
Ohio	The Toledo Edison Co.	FE	C-79-143-EL-AIR	Electric	Vertically Integrated	5/22/1979	52.0	10.63	14.75	36.00	NA
Mississippi	Mississippi Power Co.	SO	C-U-3739	Electric	Vertically Integrated	9/10/1979	23.9	9.86	14.95	33.81	NA
Michigan	DTE Electric Co.	DTE	C-U-6006	Electric	Vertically Integrated	12/14/1978	243.4	9.62	14.50	30.10	NA
Idaho	PacifiCorp	BRK.A	C-U-1009-107	Electric	Vertically Integrated	10/30/1979	27.9	10.81	15.00	40.00	NA
New York	Orange & Rockland Utlts Inc.	ED	C-27553	Electric	Vertically Integrated	5/1/1979	11.6	9.92	13.75	39.30	NA
Idaho	Idaho Power Co.	IDA	C-U-1006-159	Electric	Vertically Integrated	12/28/1979	57.8	9.55	14.50	28.60	NA
Kentucky	Kentucky Power Co.	AEP	C-7489	Electric	Vertically Integrated	6/11/1979	13.3	11.10	14.50	40.30	NA
Maryland	Potomac Electric Power Co.	EXC	C-7384 0-64268	Electric	Vertically Integrated	9/17/1979	42.4	10.00	14.50	38.50	NA
New Mexico	Public Service Co. of NM	PNM	C-1536	Electric	Vertically Integrated	12/7/1979	16.7	9.83	15.50	34.60	NA
North Dakota	Otter Tail Power Co.	OTTR	C-9996	Electric	Vertically Integrated	8/16/1979	16.1	10.07	14.00	33.58	NA
North Carolina	Duke Energy Progress LLC	DUK	D-E-2, SUB 366	Electric	Vertically Integrated	8/31/1979	55.9	10.15	14.25	37.30	NA
Utah	PacifiCorp	BRK.A	C-79-035-12	Electric	Vertically Integrated	10/4/1979	33.5	10.87	15.00	40.00	NA
Texas	Oncor Electric Delivery Co.	SRE	D-3006	Electric	Vertically Integrated	1/4/1980	124.1	11.12	16.00	38.61	NA
New York	Long Island Lighting Co		C-27622	Electric	Vertically Integrated	9/21/1979	25.6	NA	13.70	NA	NA
Oklahoma	Public Service Co. of OK	AEP	Ca-26669	Electric	Vertically Integrated	6/22/1979	29.6	10.64	15.00	42.85	NA
New Jersey	Public Service Electric Gas	PEG	D-794-310-E	Electric	Vertically Integrated	4/2/1979	264.6	9.73	14.25	36.28	NA
Pennsylvania	PECO Energy Co.	EXC	C-R-79060865	Electric	Vertically Integrated	7/27/1979	122.7	10.42	14.50	35.10	NA
Rhode Island	Blackstone Valley Electric		D-1439-U-1010-8	Electric	Vertically Integrated	8/15/1979	4.0	12.56	13.50	30.60	NA
District of Columbi	Potomac Electric Power Co.	EXC	C-715 0-7135	Electric	Vertically Integrated	2/15/1979	48.1	10.00	14.50	36.80	NA
Louisiana	Southwestern Electric Power Co	AEP	D-U-14250	Electric	Vertically Integrated	5/25/1979	33.0	11.11	15.00	41.00	NA
West Virginia	Appalachian Power Co.	AEP	C-79-140-E-42T	Electric	Vertically Integrated	4/27/1979	61.2	10.56	15.00	32.50	NA
Colorado	Public Service Co. of CO	XEL	D-1420-De-C80-1039 (Elec.)	Electric	Vertically Integrated	3/26/1980	55.0	9.87	14.60	35.81	NA
Arizona	Arizona Public Service Co.	PNW	D-U-1345 De-51009-E	Electric	Vertically Integrated	11/2/1979	97.4	10.49	13.50	37.20	NA
Massachusetts	Western Massachusetts Electric	ES	DPU-20279	Electric	Vertically Integrated	11/16/1979	29.2	11.17	16.25	35.45	NA
Texas	Southwestern Public Service Co	XEL	D-3111	Electric	Vertically Integrated	2/28/1980	42.6	11.00	16.95	35.93	NA
New Hampshire	Public Service Co. of NH	ES	D-R79-187	Electric	Vertically Integrated	8/31/1979	19.3	13.08	18.00	34.24	NA
Maryland	Baltimore Gas and Electric Co.	EXC	C-7397 0-64331-E	Electric	Vertically Integrated	11/13/1979	123.0	10.06	14.70	38.90	NA
Pennsylvania	Pennsylvania Power Co.	FE	C-R-79121020	Electric	Vertically Integrated	1/16/1980	15.8	10.94	15.50	35.00	NA
Missouri	Evergy Metro Inc	EVRG	C-ER-80-48	Electric	Vertically Integrated	8/3/1979	70.0	10.73	15.00	36.90	NA
South Carolina	Dominion Energy South Carolina	D	D-79-196-E O-80-375	Electric	Vertically Integrated	6/1/1979	39.0	9.60	13.00	33.00	NA
West Virginia	The Potomac Edison Co.	FE	C-79-230-E-42T	Electric	Vertically Integrated	6/29/1979	14.8	10.29	15.00	35.40	NA
Hawaii	Hawaiian Electric Co.	HE	D-3705	Electric	Vertically Integrated	8/16/1979	48.6	10.39	15.50	35.90	NA
Ohio	The Cleveland Electric Illumin	FE	C-79-537-EL-AIR	Electric	Vertically Integrated	9/17/1979	136.6	11.17	16.00	38.44	NA
Texas	Texas-New Mexico Power Co.	PNM	D-3093	Electric	Vertically Integrated	2/22/1980	5.7	11.42	16.50	35.56	NA
New York	Rochester Gas & Electric Co	IBE	C-27606,07	Electric	Vertically Integrated	8/24/1979	56.0	11.03	15.50	40.50	NA
New York	NY State Electric & Gas Corp.	IBE	C-27609	Electric	Vertically Integrated	8/28/1979	85.9	10.75	14.80	39.40	NA
New Mexico	El Paso Electric Co.		C-1539	Electric	Vertically Integrated	4/25/1980	13.8	13.22	18.50	36.55	NA
Virginia	The Potomac Edison Co.	FE	C-800060	Electric	Vertically Integrated	3/21/1980	4.2	9.57	13.48	30.50	NA
Ohio	AES Ohio	AES	C-79-510-EL-AIR	Electric	Vertically Integrated	10/19/1979	100.2	10.71	14.72	35.60	NA
Michigan	Consumers Energy Co.	CMS	C-U-5979	Electric	Vertically Integrated	1/29/1979	305.8	9.96	15.50	32.14	NA
Maine	Versant Power		D-80-38	Electric	Vertically Integrated	2/25/1980	5.4	11.46	15.40	NA	NA
New Mexico	Southwestern Public Service Co	XEL	C-1567	Electric	Vertically Integrated	3/10/1980	9.2	11.00	16.95	35.90	NA
Idaho	Avista Corp.	AVA	C-U-1008-144	Electric	Vertically Integrated	3/17/1980	14.7	11.19	15.50	40.00	NA
Alabama	Alabama Power Co.	SO	D-17859	Electric	Vertically Integrated	12/28/1979	122.3	10.49	16.00	25.95	NA
Texas	El Paso Electric Co.		D-3254	Electric	Vertically Integrated	5/22/1980	50.5	12.22	17.00	36.90	NA
Missouri	Evergy Missouri West	EVRG	C-ER-80-118	Electric	Vertically Integrated	10/5/1979	28.4	NA	15.00	30.00	NA
Indiana	Northern IN Public Svc Co.	NI	Ca-36007	Electric	Vertically Integrated	2/20/1980	71.0	10.15	14.00	36.40	NA
South Carolina	Duke Energy Carolinas LLC	DUK	D-79-300-E O-80-474	Electric	Vertically Integrated	8/1/1979	25.8	9.83	12.80	38.00	NA
Virginia	Virginia Electric & Power Co.	D	C-PUE 800056	Electric	Vertically Integrated	3/31/1980	72.6	9.86	13.50	31.01	NA
Virginia	Appalachian Power Co.	AEP	C-PUE 800089	Electric	Vertically Integrated	7/14/1980	23.6	10.31	13.93	31.50	NA
Texas	CenterPoint Energy Houston	CNP	D-3320	Electric	Vertically Integrated	6/30/1980	214.4	11.36	16.00	42.76	NA
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-78-12	Electric	Vertically Integrated	3/29/1978	15.8	9.76	13.50	36.50	NA
Kentucky	Louisville Gas & Electric Co.	PPL	C-7799 (elec.)	Electric	Vertically Integrated	3/31/1980	49.0	10.49	15.90	34.27	NA
New Jersey	Atlantic City Electric Co.	EXC	D-7911-951	Electric	Vertically Integrated	11/30/1979	78.6	10.47	14.50	39.70	NA
North Carolina	Duke Energy Carolinas LLC	DUK	D-E-7, SUB 289	Electric	Vertically Integrated	2/29/1980	91.6	11.03	15.00	38.00	NA
Massachusetts	NSTAR Electric Co.	ES	DPU-160	Electric	Vertically Integrated	3/14/1980	68.9	11.20	16.00	32.93	NA
Kentucky	Kentucky Utilities Co.	PPL	C-7804	Electric	Vertically Integrated	4/7/1980	30.1	10.51	14.43	34.40	NA
Texas	Oncor Electric Delivery Co.	SRE	D-3250	Electric	Vertically Integrated	5/15/1980	157.8	12.20	17.50	39.58	NA
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-78-49	Electric	Vertically Integrated	12/15/1978	12.2	10.50	15.00	37.16	NA
Wisconsin	Wisconsin Electric Power Co.	WEC	D-6630-ER-10	Electric	Vertically Integrated	8/24/1979	71.8	NA	13.25	NA	NA
Connecticut	The CT Light & Power Co	ES	D-80-04-03-E	Electric	Vertically Integrated	5/5/1980	102.0	11.13	17.00	35.12	NA
Connecticut	The CT Light & Power Co	ES	D-80-04-04-E	Electric	Vertically Integrated	5/5/1980	62.3	11.41	17.00	37.10	NA
Texas	Entergy Texas Inc.	ETR	D-3298	Electric	Vertically Integrated	6/17/1980	84.8	11.58	17.25	34.84	NA
Florida	Tampa Electric Co.	EMA	D-800011-EU	Electric	Vertically Integrated	2/18/1980	50.7	8.62	15.00	34.88	NA
Maine	Central Maine Power Co.	IBE	D-80-25, 66	Electric	Vertically Integrated	2/1/1980	36.9	11.56	15.00	35.70	NA
Massachusetts	Massachusetts Electric Co.	NG.	DPU-200	Electric	Vertically Integrated	4/16/1980	33.3	9.86	16.50	35.12	NA
Nevada	Sierra Pacific Power Co.	BRK.A	D-2856	Electric	Vertically Integrated	4/30/1980	16.1	12.54	15.50	37.35	NA
Washington	PacifiCorp	BRK.A	Ca-U-80-36, 68	Electric	Vertically Integrated	4/18/1980	18.8	10.76	14.80	29.60	NA
Maryland	Delmarva Power & Light Co.	EXC	C-7427 0-64497	Electric	Vertically Integrated	4/8/1980	16.6	10.60	16.00	35.70	NA
Rhode Island	Narragansett Electric Co.	NG.	D-1499	Electric	Vertically Integrated	4/15/1980	11.8	10.54	16.50	35.41	NA
Florida	Gulf Power Co.	NEE	D-800001-EU	Electric	Vertically Integrated	3/3/1980	46.3	9.20	16.00	28.96	NA
Louisiana	Entergy Gulf States LA LLC	ETR	D-U-14495	Electric	Vertically Integrated	12/11/1979	132.9	10.97	15.50	30.64	NA
California	PacifiCorp	BRK.A	AP-58605 De-92411	Electric	Vertically Integrated	1/17/1979	6.0	10.26	14.50	36.00	NA
South Dakota	Black Hills Power Inc.	BKH	D-F-3354	Electric	Vertically Integrated	6/26/1980	4.3	11.02	14.50	44.40	NA

Mississippi	Entergy Mississippi LLC	ETR	C-U-3850	Electric	Vertically Integrated	5/28/1980	68.8	10.24	18.00	28.58	NA
Massachusetts	Eastern Edison Company		DPU-243	Electric	Vertically Integrated	5/15/1980	9.6	12.44	15.40	46.10	NA
North Carolina	Duke Energy Progress LLC	DUK	D-E-2, SUB 391	Electric	Vertically Integrated	5/9/1980	91.3	11.09	15.00	38.00	NA
Connecticut	The United Illuminating Co.	IBE	D-80-06-01	Electric	Vertically Integrated	7/3/1980	46.9	11.90	16.60	40.00	NA
Texas	AEP Texas North Co.	AEP	D-3473	Electric	Vertically Integrated	9/30/1980	12.7	11.17	16.50	43.16	NA
Colorado	Public Service Co. of CO	XEL	D-1425-De-C80-2346 (Elec.)	Electric	Vertically Integrated	5/7/1980	112.4	11.75	17.00	34.60	NA
Kentucky	Kentucky Power Co.	AEP	C-7900	Electric	Vertically Integrated	6/27/1980	26.4	11.37	14.50	40.90	NA
Texas	Texas-New Mexico Power Co.	PNM	D-3370	Electric	Vertically Integrated	8/1/1980	7.0	12.06	18.00	32.65	NA
West Virginia	Monongahela Power Co.	FE	C-80-058-E-42T	Electric	Vertically Integrated	2/11/1980	56.0	10.85	16.50	34.30	NA
Wyoming	PacifiCorp	BRK.A	D-9454, SUB 11	Electric	Vertically Integrated	5/23/1980	15.8	10.06	14.80	34.90	NA
Montana	NorthWestern Corp.	NWE	D-80.4.2.4714A (elec)	Electric	Vertically Integrated	4/7/1980	36.3	11.04	15.00	38.65	NA
Nevada	Nevada Power Co.	BRK.A	D-2955	Electric	Vertically Integrated	7/2/1980	20.5	11.38	15.50	38.11	NA
California	San Diego Gas & Electric Co.	SRE	AP-59788 De-92557-E	Electric	Vertically Integrated	7/1/1980	91.2	11.44	14.50	36.87	NA
California	Southern California Edison Co.	EIX	AP-59351 De-92549	Electric	Vertically Integrated	12/26/1979	393.2	11.13	15.00	40.00	NA
North Dakota	Northern States Power Co.	XEL	C-10, 097	Electric	Vertically Integrated	5/16/1980	6.2	10.67	15.50	43.44	NA
Washington	Puget Sound Energy Inc.		Ca-U-80-10	Electric	Vertically Integrated	2/25/1980	115.8	11.95	16.00	36.50	NA
Illinois	Ameren Illinois	AEE	D-80-0157 (CILCO-E)	Electric	Vertically Integrated	2/15/1980	24.4	10.22	15.00	37.14	NA
Oklahoma	Oklahoma Gas and Electric Co.	OGE	Ca-26782	Electric	Vertically Integrated	12/28/1979	141.3	10.75	16.00	36.08	NA
South Dakota	NorthWestern Corp.	NWE	D-F-3359	Electric	Vertically Integrated	8/18/1980	6.1	10.80	15.50	32.76	NA
Georgia	Savannah Electric & Power Co.	SO	D-3220-U	Electric	Vertically Integrated	6/30/1980	12.9	11.14	15.00	29.10	NA
Washington	Avista Corp.	AVA	Ca-U-80-13	Electric	Vertically Integrated	3/3/1980	25.3	11.19	15.50	40.00	NA
Delaware	Delmarva Power & Light Co.	EXC	D-809 0-2179	Electric	Vertically Integrated	3/3/1980	58.9	10.60	16.00	35.70	NA
Minnesota	Minnesota Power Entrprs Inc.	ALE	D-E-015-GR-80-76	Electric	Vertically Integrated	2/1/1980	66.1	10.13	14.13	33.76	NA
Pennsylvania	West Penn Power Co.	FE	C-R-80021082	Electric	Vertically Integrated	4/29/1980	68.0	10.13	15.00	36.50	NA
Pennsylvania	PPL Electric Utilities Corp.	PPL	C-R-80031114	Electric	Vertically Integrated	4/29/1980	136.8	11.27	15.50	32.60	NA
Ohio	Ohio Edison Co.	FE	C-80-141-EL-AIR	Electric	Vertically Integrated	5/7/1980	150.5	12.14	17.00	37.58	NA
Pennsylvania	Duquesne Light Co.		C-R-80011069	Electric	Vertically Integrated	4/29/1980	103.5	11.32	17.50	33.80	NA
Florida	Duke Energy Florida LLC	DUK	D-800119-EU	Electric	Vertically Integrated	4/24/1980	99.0	9.95	18.00	31.63	NA
New York	Consolidated Edison Co. of NY	ED	C-27744	Electric	Vertically Integrated	4/18/1980	505.0	10.21	14.70	46.56	NA
New York	Niagara Mohawk Power Corp.	NG.	C-27741,42	Electric	Vertically Integrated	4/18/1980	240.0	11.62	16.30	40.16	NA
Missouri	Union Electric Co.	AEE	C-ER-80-286	Electric	Vertically Integrated	4/25/1980	7.0	10.15	15.00	36.70	NA
Ohio	Duke Energy Ohio Inc.	DUK	C-80-260-EL-AIR	Electric	Vertically Integrated	5/29/1980	72.2	11.00	16.00	37.70	NA
Maryland	The Potomac Edison Co.	FE	C-7503 0-65176	Electric	Vertically Integrated	12/19/1980	4.6	9.74	13.75	36.30	NA
Louisiana	Cleco Power LLC		D-U-14648	Electric	Vertically Integrated	4/25/1980	25.1	10.76	15.00	40.04	NA
Illinois	Ameren Illinois	AEE	D-80-0318 (CIPS-E)	Electric	Vertically Integrated	5/1/1980	58.8	10.50	16.10	37.60	NA
Ohio	Ohio Power Co.	AEP	C-80-367-EL-AIR	Electric	Vertically Integrated	6/30/1980	116.2	11.34	16.00	34.32	NA
Indiana	Indiana Michigan Power Co.	AEP	Ca-36150	Electric	Vertically Integrated	7/23/1980	52.8	11.25	18.50	30.30	NA
Louisiana	Entergy New Orleans LLC	ETR	C-R-81-73 (elec.)	Electric	Vertically Integrated	4/18/1980	26.8	10.25	16.00	33.70	NA
Ohio	The Toledo Edison Co.	FE	C-80-377-EL-AIR	Electric	Vertically Integrated	7/3/1980	81.1	11.47	16.00	34.50	NA
Pennsylvania	Pennsylvania Electric Co.	FE	C-R-80051197	Electric	Vertically Integrated	7/29/1980	72.5	10.50	15.50	33.06	NA
Pennsylvania	Metropolitan Edison Co.	FE	C-R-80051196	Electric	Vertically Integrated	7/29/1980	85.6	10.61	15.50	36.80	NA
South Carolina	Duke Energy Progress LLC	DUK	D-80-69-E O-81-232	Electric	Vertically Integrated	3/14/1980	27.5	10.93	14.73	37.10	NA
Minnesota	Otter Tail Power Co.	OTTR	D-E-017-GR-80-277	Electric	Vertically Integrated	4/14/1980	13.0	10.61	15.00	32.66	NA
Illinois	Ameren Illinois	AEE	D-80-0370 (CIPS)	Electric	Vertically Integrated	5/22/1980	15.2	10.65	15.50	36.23	NA
Mississippi	Mississippi Power Co.	SO	C-U-3929	Electric	Vertically Integrated	10/20/1980	39.3	10.60	16.04	33.12	NA
South Dakota	NorthWestern Corp.	NWE	D-F-3367	Electric	Vertically Integrated	11/5/1980	12.4	10.79	15.50	32.78	NA
Wisconsin	Northern States Power Co.	XEL	D-4220-ER-14	Electric	Vertically Integrated	3/14/1980	21.2	NA	14.00	41.90	NA
Utah	PacifiCorp	BRK.A	C-80-035-17	Electric	Vertically Integrated	9/30/1980	57.0	12.31	17.80	40.00	NA
Pennsylvania	PECO Energy Co.	EXC	C-R-80061225	Electric	Vertically Integrated	7/29/1980	338.9	11.58	16.00	35.00	NA
Iowa	Interstate Power & Light Co.	LNT	D-RPU-79-10	Electric	Vertically Integrated	3/19/1979	11.4	9.45	13.25	32.74	NA
Iowa	Interstate Power & Light Co.	LNT	D-RPU-80-4	Electric	Vertically Integrated	1/25/1980	16.5	11.20	17.57	34.54	NA
Maryland	Potomac Electric Power Co.	EXC	C-7511 0-65252	Electric	Vertically Integrated	1/30/1981	17.9	9.52	13.65	37.90	NA
Minnesota	Northern States Power Co.	XEL	D-E-002-GR-80-316	Electric	Vertically Integrated	5/1/1980	77.5	10.57	15.50	42.20	NA
Ohio	The Cleveland Electric Illumin	FE	C-80-376-EL-AIR	Electric	Vertically Integrated	7/16/1980	217.3	12.06	17.00	35.15	NA
Vermont	Green Mountain Power Corp.		D-4418	Electric	Vertically Integrated	10/11/1979	10.6	11.26	17.00	34.00	NA
Oregon	PacifiCorp	BRK.A	C-UF-3688	Electric	Vertically Integrated	4/7/1981	45.4	11.30	16.25	35.10	NA
Oregon	Portland General Electric Co.	POR	C-UF-3690	Electric	Vertically Integrated	4/7/1981	58.3	13.40	18.40	35.00	NA
Iowa	Interstate Power & Light Co.	LNT	D-RPU-79-21	Electric	Vertically Integrated	4/30/1979	5.6	9.58	12.50	42.30	NA
West Virginia	Appalachian Power Co.	AEP	C-80-273-E-42T	Electric	Vertically Integrated	7/8/1980	50.9	11.39	15.50	33.70	NA
Michigan	Indiana Michigan Power Co.	AEP	C-U-6148	Electric	Vertically Integrated	9/7/1979	12.5	10.15	15.00	30.80	NA
Idaho	PacifiCorp	BRK.A	C-U-1009-114	Electric	Vertically Integrated	11/12/1980	13.5	12.31	17.80	40.00	NA
Arkansas	Oklahoma Gas and Electric Co.	OGE	D-U-3105	Electric	Vertically Integrated	5/20/1980	17.3	10.76	16.00	39.18	NA
New York	Long Island Lighting Co		C-27774	Electric	Vertically Integrated	5/29/1980	228.0	11.97	15.50	42.64	NA
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-17-E	Electric	Vertically Integrated	7/15/1980	36.8	NA	15.00	37.00	NA
Louisiana	Entergy Louisiana LLC	ETR	D-U-14690	Electric	Vertically Integrated	5/27/1980	278.0	12.04	16.00	30.89	NA
Arkansas	Entergy Arkansas LLC	ETR	D-U-3108	Electric	Vertically Integrated	5/29/1980	134.0	10.94	15.97	33.55	NA
New Mexico	Public Service Co. of NM	PNM	C-1602	Electric	Vertically Integrated	1/20/1981	16.1	10.83	15.50	30.90	NA
Maine	Maine Public Service Co.	EMA	D-80-180	Electric	Vertically Integrated	9/2/1980	4.7	11.49	16.00	NA	NA
Illinois	MidAmerican Energy Co.	BRK.A	D-80-0511 (elec.)	Electric	Vertically Integrated	7/11/1980	15.5	10.53	14.80	36.20	NA
Iowa	Interstate Power & Light Co.	LNT	D-RPU-79-32	Electric	Vertically Integrated	6/8/1979	14.4	9.42	13.75	30.80	NA
Indiana	Duke Energy Indiana, LLC	DUK	Ca-36318	Electric	Vertically Integrated	12/8/1980	119.5	12.25	16.75	39.40	NA
Missouri	Evergy Metro Inc	EVRG	C-ER-81-42	Electric	Vertically Integrated	8/6/1980	81.2	12.67	19.00	37.02	NA
Texas	Southwestern Electric Power Co	AEP	D-3716	Electric	Vertically Integrated	2/5/1981	34.7	11.84	16.50	39.68	NA
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-11-E	Electric	Vertically Integrated	6/11/1979	51.0	NA	16.00	40.42	NA
Texas	Oncor Electric Delivery Co.	SRE	D-3460	Electric	Vertically Integrated	9/26/1980	80.6	11.44	17.00	42.05	NA
Pennsylvania	Duquesne Light Co.		C-R-811470	Electric	Vertically Integrated	4/30/1981	100.4	11.50	17.10	33.70	NA
Illinois	Ameren Illinois	AEE	D-80-0544 (IP-E)	Electric	Vertically Integrated	8/8/1980	126.7	11.42	15.00	39.70	NA
Illinois	Commonwealth Edison Co.	EXC	D-80-0546	Electric	Vertically Integrated	8/8/1980	628.0	11.34	15.70	33.30	NA
New York	Rochester Gas & Electric Co	IBE	C-27831,32	Electric	Vertically Integrated	8/28/1980	58.6	11.52	16.00	40.15	NA
New York	Central Hudson Gas & Electric	FTS	C-27826	Electric	Vertically Integrated	8/21/1980	35.7	12.13	17.00	38.23	NA
Ohio	AES Ohio	AES	C-80-687-EL-AIR	Electric	Vertically Integrated	10/9/1980	103.4	11.82	16.10	35.90	NA
Arkansas	Entergy Arkansas LLC	ETR	D-U-3114	Electric	Vertically Integrated	7/23/1980	7.5	12.40	16.00	34.63	NA
North Dakota	Otter Tail Power Co.	OTTR	C-10, 124	Electric	Vertically Integrated	7/24/1980	16.8	10.75	15.00	34.10	NA
Michigan	DTE Electric Co.	DTE	C-U-6488	Electric	Vertically Integrated	4/30/1980	449.2	9.81	15.00	30.00	NA
Virginia	The Potomac Edison Co.	FE	C-810016	Electric	Vertically Integrated	4/13/1981	3.7	9.80	13.48	32.30	NA
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-78-27	Electric	Vertically Integrated	6/30/1978	27.0	9.51	13.50	38.51	NA
New Jersey	Jersey Cntrl Power & Light Co.	FE	D-804-285	Electric	Vertically Integrated	4/29/1980	172.6	10.85	15.50	34.22	NA
Massachusetts	Western Massachusetts Electric	ES	DPU-558	Electric	Vertically Integrated	1/16/1981	42.2	12.99	19.00	33.11	NA
Texas	Oncor Electric Delivery Co.	SRE	D-3780	Electric	Vertically Integrated	3/6/1981	198.0	12.22	17.75	40.63	NA
North Dakota	MDU Resources Group	MDU	C-10, 194	Electric	Vertically Integrated	12/8/1980	16.6	10.52	14.50	38.74	NA
Nevada	Nevada Power Co.	BRK.A	D-81-081	Electric	Vertically Integrated	2/17/1981	21.8	12.96	15.00	36.92	NA
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-79-53	Electric	Vertically Integrated	12/17/1979	22.3	10.71	15.00	36.63	NA
Connecticut	The United Illuminating Co.	IBE	D-81-04-13	Electric	Vertically Integrated	5/21/1981	48.8	13.41	17.50	40.00	NA
Virginia	Virginia Electric & Power Co.	D	C-PUE 810025	Electric	Vertically Integrated	3/31/1981	189.6	11.15	16.50	31.18	NA
Nevada	Sierra Pacific Power Co.	BRK.A	D-81-105	Electric	Vertically Integrated	3/2/1981	12.2	12.51	15.00	35.21	NA
New Jersey	Rockland Electric Company	ED	D-811-6	Electric	Vertically Integrated	1/5/1981	11.7	11.00	15.00	41.07	NA
Wisconsin	Wisconsin Electric Power Co.	WEC	D-6630-ER-12	Electric	Vertically Integrated	9/23/1980	151.5	NA	16.00	37.26	NA
Kentucky	Kentucky Utilities Co.	PPL	C-8177	Electric	Vertically Integrated	3/23/1981	39.3	12.22	17.00	31.40	NA
Indiana	Northern IN Public Svc Co.	NI	Ca-36394	Electric	Vertically Integrated	2/23/1981	89.4	10.39	16.00	31.20	NA
Texas	Entergy Texas Inc.	ETR	D-3871	Electric	Vertically Integrated	5/1/1981	131.5	13.28	18.00	38.00	NA
Florida	Florida Power & Light Co.	NEE	D-810002-EU	Electric	Vertically Integrated	1/16/1981	476.3	10.23	16.75	31.82	NA
New Mexico	Texas-New Mexico Power Co.	PNM	C-1664	Electric	Vertically Integrated	4/22/1981	4.3	12.88	18.00	38.50	NA
Virginia	Appalachian Power Co.	AEP	C-PUE 810033	Electric	Vertically Integrated	5/15/1981	28.8	11.66	16.50	32.60	NA
Texas	CenterPoint Energy Houston	CNP	D-3955	Electric	Vertically Integrated	7/6/1981	248.0	12.32	17.00	43.90	NA
West Virginia	The Potomac Edison Co.	FE	C-80-576-E-42T	Electric	Vertically Integrated	12/30/1980	16.6	12.50	18.50	38.00	NA

Oklahoma	Oklahoma Gas and Electric Co.	OGE	Ca-27275	Electric	Vertically Integrated	4/2/1981	76.1	11.43	17.50	37.38	NA
Montana	MDU Resources Group	MDU	D-81.1.2	Electric	Vertically Integrated	1/5/1981	8.8	10.52	14.50	38.74	NA
Idaho	Avista Corp.	AVA	C-U-1008-156	Electric	Vertically Integrated	3/20/1981	17.4	11.74	15.25	40.00	NA
New York	NY State Electric & Gas Corp.	IBE	C-27882,83	Electric	Vertically Integrated	11/26/1980	142.9	12.11	15.80	38.43	NA
Arkansas	Southwestern Electric Power Co	AEP	D-U-3136	Electric	Vertically Integrated	11/30/1980	15.6	11.84	16.50	40.26	NA
North Carolina	Virginia Electric & Power Co.	D	D-E-22, SUB 257	Electric	Vertically Integrated	12/29/1980	16.6	11.56	16.50	31.49	NA
Idaho	Idaho Power Co.	IDA	C-U-1006-173	Electric	Vertically Integrated	3/31/1981	43.9	10.61	16.50	34.00	NA
Arizona	Arizona Public Service Co.	PNW	D-U-1345 De-52558-E	Electric	Vertically Integrated	11/18/1980	164.6	8.58	18.00	38.80	NA
Iowa	Interstate Power & Light Co.	LNT	D-RPU-80-45	Electric	Vertically Integrated	9/30/1980	15.5	10.36	14.00	40.06	NA
Vermont	Green Mountain Power Corp.		D-4503, 4537	Electric	Vertically Integrated	11/14/1980	6.6	11.26	17.00	40.00	NA
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-80-29	Electric	Vertically Integrated	6/2/1980	14.0	10.75	15.40	36.20	NA
Georgia	Georgia Power Co.	SO	D-3270-U	Electric	Vertically Integrated	4/30/1981	346.3	11.75	18.00	29.75	NA
Washington	Avista Corp.	AVA	Ca-U-81-15	Electric	Vertically Integrated	3/6/1981	21.1	11.74	15.25	40.00	NA
West Virginia	Monongahela Power Co.	FE	C-81-044-E-42T	Electric	Vertically Integrated	1/29/1981	49.1	11.03	16.50	36.30	NA
Connecticut	The CT Light & Power Co	ES	D-81-06-02-E	Electric	Vertically Integrated	7/2/1981	158.7	13.11	19.00	33.52	NA
Connecticut	The CT Light & Power Co	ES	D-81-06-04-E	Electric	Vertically Integrated	7/2/1981	85.4	13.02	19.00	36.74	NA
Colorado	Public Service Co. of CO	XEL	D-1525-De-C81-1999 (Elec.)	Electric	Vertically Integrated	5/18/1981	160.2	12.09	16.30	39.30	NA
New York	Orange & Rockland Utlts Inc.	ED	C-27909	Electric	Vertically Integrated	1/5/1981	31.9	11.08	16.00	43.11	NA
Kansas	Evergy Metro Inc	EVRG	D-127,486-U	Electric	Vertically Integrated	4/6/1981	49.4	12.67	19.00	37.02	NA
Arizona	Tucson Electric Power Co.	FTS	D-U-1933 De-52632	Electric	Vertically Integrated	3/16/1981	28.0	11.29	17.00	37.30	NA
Vermont	Central Vermont Public Service		D-4496, 4504	Electric	Vertically Integrated	9/4/1980	21.5	13.10	18.20	40.60	NA
Kansas	Evergy Kansas Central Inc.	EVRG	D-127,609-U	Electric	Vertically Integrated	4/16/1981	64.8	10.49	17.60	36.20	NA
South Dakota	Northern States Power Co.	XEL	D-F-3382	Electric	Vertically Integrated	6/15/1981	6.2	11.07	16.00	40.20	NA
Delaware	Delmarva Power & Light Co.	EXC	D-81-12	Electric	Vertically Integrated	5/8/1981	50.0	11.94	17.00	36.06	NA
North Carolina	Duke Energy Progress LLC	DUK	D-E-2, SUB 416	Electric	Vertically Integrated	5/15/1981	151.4	12.78	17.50	37.00	NA
Washington	PacifiCorp	BRK.A	Ca-U-81-17	Electric	Vertically Integrated	3/11/1981	16.1	11.52	16.25	36.00	NA
North Carolina	Duke Energy Carolinas LLC	DUK	D-E-7, SUB 314	Electric	Vertically Integrated	3/18/1981	211.0	12.29	17.50	38.00	NA
Arkansas	Oklahoma Gas and Electric Co.	OGE	D-81-161-U	Electric	Vertically Integrated	5/12/1981	5.3	11.43	17.50	37.40	NA
District of Columbi	Potomac Electric Power Co.	EXC	C-748 0-7457	Electric	Vertically Integrated	9/17/1980	37.1	10.60	15.50	36.60	NA
California	Pacific Gas and Electric Co.	PCG	AP-60153 De-93887-E	Electric	Vertically Integrated	12/23/1980	1,005.0	13.00	18.00	41.00	NA
California	San Diego Gas & Electric Co.	SRE	AP-59788 De-93892-E	Electric	Vertically Integrated	12/22/1980	206.3	13.88	19.00	37.04	NA
Kansas	Evergy Kansas South	EVRG	D-128,139-U	Electric	Vertically Integrated	5/11/1981	77.6	11.93	17.25	35.33	NA
Kentucky	Louisville Gas & Electric Co.	PPL	C-8284 (elec.)	Electric	Vertically Integrated	7/10/1981	50.1	11.12	16.94	36.01	NA
North Dakota	Northern States Power Co.	XEL	C-10, 233	Electric	Vertically Integrated	5/1/1981	11.3	11.22	16.00	40.79	NA
New Hampshire	Public Service Co. of NH	ES	D-R81-87	Electric	Vertically Integrated	4/2/1981	33.9	15.62	18.65	36.81	NA
Wisconsin	Wisconsin Electric Power Co.	WEC	D-6630-ER-14	Electric	Vertically Integrated	5/6/1981	92.5	NA	16.00	41.50	NA
Maryland	Delmarva Power & Light Co.	EXC	C-7570 0-65627	Electric	Vertically Integrated	6/19/1981	18.5	11.94	17.00	36.06	NA
Hawaii	Maui Electric Company Ltd	HE	D-4156	Electric	Vertically Integrated	12/30/1980	11.2	12.13	16.00	36.20	NA
Oklahoma	Public Service Co. of OK	AEP	Ca-27068	Electric	Vertically Integrated	9/16/1980	119.3	12.33	16.50	41.60	NA
Pennsylvania	Pennsylvania Power Co.	FE	C-R-811510	Electric	Vertically Integrated	4/15/1981	32.7	12.01	17.00	34.80	NA
Ohio	Duke Energy Ohio Inc.	DUK	C-81-66-EL-AIR	Electric	Vertically Integrated	4/16/1981	135.0	11.69	17.00	36.90	NA
South Carolina	Duke Energy Carolinas LLC	DUK	D-80-378-E O-82-2	Electric	Vertically Integrated	12/29/1980	103.7	12.29	17.50	38.00	NA
Massachusetts	Massachusetts Electric Co.	NG.	DPU-800	Electric	Vertically Integrated	7/17/1981	29.4	10.97	18.00	34.43	NA
Florida	Gulf Power Co.	NEE	D-810136-EU	Electric	Vertically Integrated	5/29/1981	38.7	10.49	18.00	28.86	NA
Ohio	AES Ohio	AES	C-81-21-EL-AIR	Electric	Vertically Integrated	4/14/1981	74.3	12.32	17.50	35.40	NA
Maryland	Baltimore Gas and Electric Co.	EXC	C-7574 0-65648-E	Electric	Vertically Integrated	7/10/1981	159.9	11.50	17.00	39.10	NA
New Jersey	Public Service Electric Gas	PEG	D-812-76-E	Electric	Vertically Integrated	2/13/1981	494.6	11.07	17.00	38.99	NA
Texas	AEP Texas North Co.	AEP	D-4202	Electric	Vertically Integrated	11/25/1981	25.0	13.00	18.00	49.10	NA
Michigan	Indiana Michigan Power Co.	AEP	C-U-6927	Electric	Vertically Integrated	7/15/1981	15.3	11.32	16.50	29.76	NA
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-80-36 (elec.)	Electric	Vertically Integrated	8/1/1980	53.1	10.55	15.00	39.90	NA
Massachusetts	Eastern Edison Company		DPU-837	Electric	Vertically Integrated	8/14/1981	9.6	15.37	18.00	40.60	NA
Arkansas	Entergy Arkansas LLC	ETR	D-81-144-U	Electric	Vertically Integrated	5/1/1981	101.4	12.09	18.02	30.42	NA
Vermont	Green Mountain Power Corp.		D-4570	Electric	Vertically Integrated	5/27/1981	11.7	12.91	19.30	39.40	NA
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-81-8	Electric	Vertically Integrated	2/20/1981	43.2	11.91	18.00	36.37	NA
New York	Niagara Mohawk Power Corp.	NG.	C-27984,85	Electric	Vertically Integrated	4/16/1981	250.8	12.68	17.60	41.62	NA
Washington	Puget Sound Energy Inc.		Ca-U-81-41	Electric	Vertically Integrated	5/14/1981	142.3	13.43	18.00	38.50	NA
Ohio	The Cleveland Electric Illumin	FE	C-81-146-EL-AIR	Electric	Vertically Integrated	5/5/1981	186.8	12.92	19.00	35.65	NA
Iowa	Interstate Power & Light Co.	LNT	D-RPU-81-20	Electric	Vertically Integrated	4/20/1981	26.5	10.82	15.12	35.06	NA
Maine	Central Maine Power Co.	IBE	D-81-127, 206	Electric	Vertically Integrated	6/29/1981	69.3	12.74	16.50	NA	NA
Rhode Island	Narragansett Electric Co.	NG.	D-1591	Electric	Vertically Integrated	7/1/1981	15.4	12.46	18.00	35.15	NA
Indiana	AES Indiana	AES	Ca-36538	Electric	Vertically Integrated	7/2/1981	44.8	11.09	17.60	34.56	NA
South Carolina	Dominion Energy South Carolina	D	D-81-72-E O-82-212	Electric	Vertically Integrated	2/27/1981	74.4	11.62	15.88	33.81	NA
Nevada	Nevada Power Co.	BRK.A	D-81-602	Electric	Vertically Integrated	10/5/1981	16.6	13.85	19.50	36.83	NA
Pennsylvania	UGI Utilities Inc.	UGI	C-R-811725	Electric	Vertically Integrated	10/28/1981	5.8	13.96	17.50	43.50	NA
Virginia	Kentucky Utilities Co.	PPL	C-PUE-810074	Electric	Vertically Integrated	11/4/1981	5.4	11.14	17.00	NA	NA
Maine	Versant Power		D-81-136	Electric	Vertically Integrated	7/9/1981	15.5	13.31	18.50	34.39	NA
South Dakota	Black Hills Power Inc.	BKH	D-F-3389	Electric	Vertically Integrated	10/13/1981	6.4	11.09	17.50	32.59	NA
Louisiana	Southwestern Electric Power Co	AEP	D-U-15180	Electric	Vertically Integrated	7/24/1981	31.4	12.44	17.00	39.89	NA
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-18-E	Electric	Vertically Integrated	7/15/1981	36.7	NA	15.50	39.09	NA
Maryland	Potomac Electric Power Co.	EXC	C-7597 0-65749	Electric	Vertically Integrated	9/29/1981	95.5	11.73	17.75	38.80	NA
Minnesota	Minnesota Power Entrprs Inc.	ALE	D-E-015-GR-81-250	Electric	Vertically Integrated	5/1/1981	37.1	10.58	14.83	36.43	NA
Massachusetts	NSTAR Electric Co.	ES	DPU-906	Electric	Vertically Integrated	10/16/1981	91.0	12.52	18.00	31.16	NA
Nevada	Sierra Pacific Power Co.	BRK.A	D-81-660	Electric	Vertically Integrated	11/9/1981	12.2	14.02	21.00	32.50	NA
California	PacifiCorp	BRK.A	AP-60560 De-8205042	Electric	Vertically Integrated	5/18/1981	10.3	12.19	16.25	36.00	NA
Virginia	The Potomac Edison Co.	FE	C-PUE-810080	Electric	Vertically Integrated	12/21/1981	6.7	12.05	19.00	35.86	NA
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-81-5	Electric	Vertically Integrated	2/6/1981	14.0	11.32	15.70	36.60	NA
Wyoming	PacifiCorp	BRK.A	D-9454, SUB 13	Electric	Vertically Integrated	8/7/1981	20.7	11.38	16.25	35.10	NA
Wisconsin	Northern States Power Co.	XEL	D-4220-ER-15	Electric	Vertically Integrated	9/11/1981	12.6	12.78	16.00	41.55	NA
Iowa	Interstate Power & Light Co.	LNT	D-RPU-81-24	Electric	Vertically Integrated	4/24/1981	12.2	10.50	15.70	32.20	NA
Rhode Island	Blackstone Valley Electric		D-1605	Electric	Vertically Integrated	8/21/1981	5.7	14.35	18.25	32.93	NA
Utah	PacifiCorp	BRK.A	C-81-035-13	Electric	Vertically Integrated	9/14/1981	64.5	13.37	18.80	40.90	1,324.50
Pennsylvania	PECO Energy Co.	EXC	C-R-811626	Electric	Vertically Integrated	7/29/1981	372.0	13.35	18.00	36.80	NA
Montana	PacifiCorp	BRK.A	D-81.8.70	Electric	Vertically Integrated	8/28/1981	6.4	11.38	16.25	36.00	NA
Massachusetts	Commonwealth Electric Co.		DPU-956	Electric	Vertically Integrated	11/16/1981	23.0	13.24	18.00	53.24	NA
Massachusetts	Western Massachusetts Electric	ES	DPU-957	Electric	Vertically Integrated	11/13/1981	24.0	13.31	19.00	35.64	333.40
South Carolina	Duke Energy Progress LLC	DUK	D-81-163-E O-82-284	Electric	Vertically Integrated	5/1/1981	48.2	12.63	17.50	35.40	630.30
Texas	Texas-New Mexico Power Co.	PNM	D-4240	Electric	Vertically Integrated	12/22/1981	18.2	13.82	19.50	37.43	NA
Ohio	The Toledo Edison Co.	FE	C-81-620-EL-AIR	Electric	Vertically Integrated	8/21/1981	57.7	13.05	18.25	34.50	911.80
Maryland	The Potomac Edison Co.	FE	C-7604 0-65827	Electric	Vertically Integrated	11/16/1981	36.3	12.40	19.00	39.69	418.00
Minnesota	Otter Tail Power Co.	OTTR	D-E-017-GR-81-315	Electric	Vertically Integrated	6/15/1981	18.1	11.46	16.00	34.42	162.40
Kentucky	Kentucky Power Co.	AEP	C-8429	Electric	Vertically Integrated	12/29/1981	34.9	12.32	17.50	39.53	406.50
Missouri	Evergy Missouri West	EVRG	C-ER-82-39	Electric	Vertically Integrated	7/31/1981	21.9	11.91	17.50	33.14	268.40
Texas	Oncor Electric Delivery Co.	SRE	D-4321	Electric	Vertically Integrated	2/12/1982	188.1	12.76	17.75	41.99	NA
Texas	Southwestern Public Service Co	XEL	D-4387	Electric	Vertically Integrated	3/18/1982	47.5	12.06	17.50	40.21	NA
Minnesota	Interstate Power & Light Co.	LNT	D-E-001-GR-81-345	Electric	Vertically Integrated	7/2/1981	5.6	10.40	15.70	31.92	NA
Minnesota	Northern States Power Co.	XEL	D-E-002-GR-81-342	Electric	Vertically Integrated	7/2/1981	110.1	11.25	16.00	41.26	1,581.10
Illinois	Ameren Illinois	AEE	D-81-0600 (CILCO-E)	Electric	Vertically Integrated	5/6/1981	36.6	11.31	16.75	41.23	534.90
Missouri	Union Electric Co.	AEE	C-ER-82-52	Electric	Vertically Integrated	8/17/1981	107.5	12.20	17.00	35.46	NA
New Hampshire	Public Service Co. of NH	ES	D-R82-150	Electric	Vertically Integrated	5/21/1982	22.9	15.62	18.65	39.60	NA
Michigan	Wisconsin Electric Power Co.	WEC	C-U-7091	Electric	Vertically Integrated	12/18/1981	6.2	10.44	16.00	36.40	NA
New York	Rochester Gas & Electric Co	IBE	C-28053,54	Electric	Vertically Integrated	8/21/1981	87.6	12.91	18.00	41.70	683.50
Missouri	Evergy Metro Inc	EVRG	C-ER-82-66	Electric	Vertically Integrated	8/26/1981	49.9	13.14	18.00	40.00	553.90
Ohio	Ohio Power Co.	AEP	C-81-782-EL-AIR	Electric	Vertically Integrated	9/30/1981	214.1	12.68	18.25	34.00	2,220.00
New Mexico	Southwestern Public Service Co	XEL	C-1727	Electric	Vertically Integrated	2/23/1982	12.1	12.06	17.50	37.31	NA
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-10-E	Electric	Vertically Integrated	9/11/1981	19.2	13.12	16.00	41.50	193.10

New Jersey	Jersey Cntrl Power & Light Co.	FE	D-818-726	Electric	Vertically Integrated	8/11/1981	224.9	11.98	19.00	35.70	1,689.30
Indiana	Southern Indiana Gas & Elec Co	CNP	Ca-36731	Electric	Vertically Integrated	12/18/1981	11.6	10.15	16.75	35.50	274.40
Texas	AEP Texas Central Co.	AEP	D-4400	Electric	Vertically Integrated	3/26/1982	151.5	13.30	18.00	40.54	1,429.50
Indiana	Northern IN Public Svc Co.	NI	Ca-36689	Electric	Vertically Integrated	11/16/1981	115.7	11.51	20.00	32.74	1,394.60
Oregon	PacifiCorp	BRK.A	C-UF-3779	Electric	Vertically Integrated	1/4/1982	104.9	12.46	17.50	35.20	NA
Idaho	Idaho Power Co.	IDA	C-U-1006-185	Electric	Vertically Integrated	12/30/1981	60.8	12.12	17.00	35.33	988.20
Illinois	MidAmerican Energy Co.	BRK.A	D-81-0747 (elec.)	Electric	Vertically Integrated	10/2/1981	16.3	12.61	18.00	37.08	NA
North Carolina	Virginia Electric & Power Co.	D	D-E-22, SUB 265	Electric	Vertically Integrated	1/25/1982	22.4	12.17	17.50	33.30	244.50
Virginia	Virginia Electric & Power Co.	D	C-PUE 820018	Electric	Vertically Integrated	3/31/1982	96.0	11.03	15.50	31.82	NA
Pennsylvania	Pennsylvania Power Co.	FE	C-R-821918	Electric	Vertically Integrated	4/5/1982	19.0	12.85	18.00	35.80	418.10
New Mexico	El Paso Electric Co.		C-1755	Electric	Vertically Integrated	7/15/1982	20.9	15.47	20.00	39.75	NA
Louisiana	Cleco Power LLC		D-U-15297	Electric	Vertically Integrated	11/23/1981	70.0	14.55	19.60	39.20	473.50
Louisiana	Entergy Gulf States LA LLC	ETR	D-U-15271	Electric	Vertically Integrated	10/30/1981	230.4	13.94	18.00	38.00	1,352.00
Vermont	Central Vermont Public Service		D-4634	Electric	Vertically Integrated	12/23/1981	21.7	13.46	18.00	44.30	136.00
Idaho	Avista Corp.	AVA	C-U-1008-170	Electric	Vertically Integrated	3/17/1982	21.3	13.08	17.50	40.00	189.00
Oregon	Portland General Electric Co.	POR	C-UF-3796	Electric	Vertically Integrated	2/23/1982	89.7	13.67	17.50	37.60	1,516.60
North Carolina	Duke Energy Progress LLC	DUK	D-E-2, SUB 444	Electric	Vertically Integrated	2/19/1982	173.7	13.09	18.50	38.00	2,284.00
Idaho	PacifiCorp	BRK.A	C-U-1009-120	Electric	Vertically Integrated	3/1/1982	15.7	12.01	15.75	40.00	NA
Mississippi	Mississippi Power Co.	SO	C-U-4190	Electric	Vertically Integrated	4/5/1982	21.9	11.87	18.28	34.20	NA
New York	Central Hudson Gas & Electric	FTS	C-28105	Electric	Vertically Integrated	11/23/1981	33.0	13.75	18.50	40.38	369.50
Florida	Tampa Electric Co.	EMA	D-820007-EU	Electric	Vertically Integrated	4/5/1982	124.9	10.83	18.60	33.00	1,199.70
Texas	Entergy Texas Inc.	ETR	D-4510	Electric	Vertically Integrated	5/28/1982	138.9	13.78	18.00	36.00	1,213.90
Missouri	Union Electric Co.	AEE	C-ER-82-180	Electric	Vertically Integrated	1/8/1982	7.1	11.21	17.25	39.70	98.20
North Carolina	Duke Energy Carolinas LLC	DUK	D-E-7, SUB 338	Electric	Vertically Integrated	3/31/1982	197.0	12.58	17.00	40.00	2,634.90
Ohio	Ohio Edison Co.	FE	C-81-1171-EL-AIR	Electric	Vertically Integrated	1/4/1982	136.1	13.69	19.50	38.43	2,061.80
Texas	Southwestern Electric Power Co	AEP	D-4628	Electric	Vertically Integrated	7/30/1982	24.2	13.59	18.00	40.91	417.60
Ohio	Columbus Southern Power Co.	AEP	C-81-1058-EL-AIR	Electric	Vertically Integrated	12/31/1981	106.3	12.93	18.50	33.30	1,236.30
Massachusetts	Eastern Edison Company		DPU-1130	Electric	Vertically Integrated	5/14/1982	11.2	15.31	18.00	40.60	80.40
Illinois	Ameren Illinois	AEE	D-82-0039 (CIPS-E)	Electric	Vertically Integrated	1/4/1982	93.6	11.40	17.44	39.16	NA
Florida	Florida Power & Light Co.	NEE	D-820097-EU	Electric	Vertically Integrated	4/23/1982	281.2	11.82	19.00	31.36	4,742.90
Maine	Maine Public Service Co.	EMA	D-82-5	Electric	Vertically Integrated	1/15/1982	4.4	13.24	16.50	30.62	NA
Illinois	Commonwealth Edison Co.	EXC	D-82-0026	Electric	Vertically Integrated	1/8/1982	804.9	13.16	17.50	36.13	6,584.60
New Jersey	Atlantic City Electric Co.	EXC	D-822-116	Electric	Vertically Integrated	2/19/1982	164.9	13.52	19.00	NA	NA
Texas	CenterPoint Energy Houston	CNP	D-4540	Electric	Vertically Integrated	6/16/1982	335.7	12.98	17.50	44.15	NA
Maryland	Delmarva Power & Light Co.	EXC	C-7643 0-66040	Electric	Vertically Integrated	5/14/1982	16.2	12.29	17.50	38.35	NA
California	Southern California Edison Co.	EIX	AP-61138 De-8212055	Electric	Vertically Integrated	12/18/1981	816.7	13.82	19.00	42.00	4,785.20
Massachusetts	Massachusetts Electric Co.	NG.	DPU-1133	Electric	Vertically Integrated	6/1/1982	17.0	10.98	18.00	36.69	417.90
Connecticut	The CT Light & Power Co	ES	D-82-07-01-E	Electric	Vertically Integrated	7/30/1982	101.3	12.96	17.50	40.00	1,797.30
Vermont	Green Mountain Power Corp.		D-4661	Electric	Vertically Integrated	4/16/1982	19.4	13.35	19.00	32.75	90.10
Wisconsin	Wisconsin Electric Power Co.	WEC	D-6630-ER-16	Electric	Vertically Integrated	12/30/1981	64.0	13.54	16.00	44.09	1,360.80
Florida	Gulf Power Co.	NEE	D-820150-EU	Electric	Vertically Integrated	6/4/1982	35.8	10.46	18.00	27.13	674.60
Texas	AEP Texas North Co.	AEP	D-4716	Electric	Vertically Integrated	9/13/1982	20.4	13.74	18.00	44.20	NA
Ohio	AES Ohio	AES	C-81-1256-EL-AIR	Electric	Vertically Integrated	2/8/1982	62.9	12.84	17.00	37.83	1,031.10
Indiana	Indiana Michigan Power Co.	AEP	Ca-36760	Electric	Vertically Integrated	3/8/1982	52.1	11.98	19.00	30.30	1,071.30
District of Columbi	Potomac Electric Power Co.	EXC	C-785 0-7716	Electric	Vertically Integrated	3/17/1982	88.5	11.90	17.75	37.30	938.30
Washington	Avista Corp.	AVA	Ca-U-82-10	Electric	Vertically Integrated	3/17/1982	36.9	13.08	17.50	40.00	346.60
Tennessee	Kingsport Power Company	AEP	D-U-82-7176	Electric	Vertically Integrated	6/29/1982	3.6	15.95	17.50	38.00	NA
Georgia	Savannah Electric & Power Co.	SO	D-3360-U	Electric	Vertically Integrated	6/25/1982	23.5	13.16	17.50	31.10	NA
Texas	El Paso Electric Co.		D-4620	Electric	Vertically Integrated	7/28/1982	58.9	15.47	20.00	39.75	475.40
Ohio	The Cleveland Electric Illumin	FE	C-81-1378-EL-AIR	Electric	Vertically Integrated	3/19/1982	258.3	13.25	19.00	39.16	2,566.50
New York	NY State Electric & Gas Corp.	IBE	C-28167,68	Electric	Vertically Integrated	2/18/1982	110.8	13.88	17.50	NA	1,770.00
Michigan	Upper Peninsula Power Co.		C-U-7173	Electric	Vertically Integrated	7/6/1982	5.6	11.32	19.00	29.46	NA
Illinois	Ameren Illinois	AEE	D-82-0152 (IP-E)	Electric	Vertically Integrated	2/19/1982	136.9	12.67	17.22	42.79	NA
Indiana	Duke Energy Indiana, LLC	DUK	Ca-36818	Electric	Vertically Integrated	3/26/1982	106.6	12.48	18.85	35.04	1,572.10
Mississippi	Entergy Mississippi LLC	ETR	C-U-4224	Electric	Vertically Integrated	7/30/1982	93.9	12.92	18.00	32.18	655.20
Montana	PacifiCorp	BRK.A	D-82.4.28	Electric	Vertically Integrated	4/27/1982	9.6	12.04	17.50	35.30	70.80
New York	Long Island Lighting Co		C-28176	Electric	Vertically Integrated	2/26/1982	109.0	14.17	18.20	44.59	1,899.10
Florida	Duke Energy Florida LLC	DUK	D-820100-EU	Electric	Vertically Integrated	6/30/1982	169.9	10.72	18.00	26.95	2,110.90
Pennsylvania	Duquesne Light Co.		C-R-821945	Electric	Vertically Integrated	4/30/1982	155.1	12.30	18.00	35.10	1,813.30
Washington	PacifiCorp	BRK.A	Ca-U-82-12, 35	Electric	Vertically Integrated	3/17/1982	50.1	12.23	17.50	35.80	324.20
West Virginia	Appalachian Power Co.	AEP	C-82-162-E-42T	Electric	Vertically Integrated	4/8/1982	81.0	12.79	17.50	36.00	1,067.50
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-82-12	Electric	Vertically Integrated	4/13/1982	21.0	11.64	17.20	39.90	NA
New Mexico	Public Service Co. of NM	PNM	C-1693	Electric	Vertically Integrated	12/10/1981	38.3	11.54	15.50	37.00	NA
Maryland	Potomac Electric Power Co.	EXC	C-7662 0-66116	Electric	Vertically Integrated	7/28/1982	83.3	12.05	17.75	39.40	1,094.80
Delaware	Delmarva Power & Light Co.	EXC	D-82-22	Electric	Vertically Integrated	7/9/1982	42.2	11.87	17.00	39.80	662.80
Virginia	Appalachian Power Co.	AEP	C-PUE-820030	Electric	Vertically Integrated	4/30/1982	14.4	11.68	16.00	33.58	NA
Kentucky	Louisville Gas & Electric Co.	PPL	C-8616 (elec.)	Electric	Vertically Integrated	9/10/1982	60.5	10.68	16.50	36.50	1,011.50
New York	Consolidated Edison Co. of NY	ED	C-28211	Electric	Vertically Integrated	4/16/1982	491.7	12.12	17.25	50.90	5,746.10
South Carolina	Duke Energy Carolinas LLC	DUK	D-82-50-E O-83-92	Electric	Vertically Integrated	2/16/1982	125.5	12.28	16.40	41.16	1,565.90
Kentucky	Kentucky Utilities Co.	PPL	C-8624	Electric	Vertically Integrated	9/22/1982	49.1	12.30	18.00	40.00	803.40
New York	Niagara Mohawk Power Corp.	NG.	C-28225,26	Electric	Vertically Integrated	4/30/1982	159.8	12.90	17.00	41.97	2,682.80
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-19-E	Electric	Vertically Integrated	7/2/1982	23.1	12.27	15.50	39.25	532.30
Kansas	Evergy Metro Inc	EVRG	D-133,002-U	Electric	Vertically Integrated	8/3/1982	26.7	13.15	18.00	40.00	267.30
Ohio	Duke Energy Ohio Inc.	DUK	C-82-485-EL-AIR	Electric	Vertically Integrated	7/2/1982	116.6	12.66	18.75	34.20	NA
Michigan	DTE Electric Co.	DTE	C-U-6949	Electric	Vertically Integrated	9/14/1981	512.3	12.26	17.00	28.37	6,417.10
Rhode Island	Narragansett Electric Co.	NG.	D-1659	Electric	Vertically Integrated	7/2/1982	13.1	12.88	18.00	37.47	153.20
Kansas	Evergy Kansas South	EVRG	D-134,792-U	Electric	Vertically Integrated	8/13/1982	46.5	13.07	18.50	37.58	601.90
Wyoming	PacifiCorp	BRK.A	D-9454, SUB 18	Electric	Vertically Integrated	6/23/1982	32.8	12.72	17.50	35.30	366.40
North Dakota	Otter Tail Power Co.	OTTR	C-10, 334	Electric	Vertically Integrated	4/27/1982	13.8	12.05	17.00	35.05	177.50
California	Sierra Pacific Power Co.	BRK.A	AP-820843 De-8304066	Electric	Vertically Integrated	5/17/1982	6.3	13.55	18.00	41.14	NA
Massachusetts	Western Massachusetts Electric	ES	DPU-1300	Electric	Vertically Integrated	10/15/1982	21.4	12.74	17.50	32.98	332.50
South Dakota	Northern States Power Co.	XEL	D-F-3422	Electric	Vertically Integrated	11/17/1982	4.9	11.30	16.00	41.89	NA
Nevada	Sierra Pacific Power Co.	BRK.A	D-83-111	Electric	Vertically Integrated	1/12/1983	15.2	13.12	18.00	36.63	NA
Ohio	AES Ohio	AES	C-82-517-EL-AIR	Electric	Vertically Integrated	12/22/1982	112.8	13.45	18.60	38.39	1,462.10
Montana	NorthWestern Corp.	NWE	D-82.8.54	Electric	Vertically Integrated	8/11/1982	47.6	12.83	17.50	37.68	468.70
Michigan	Consumers Energy Co.	CMS	C-U-6923	Electric	Vertically Integrated	7/2/1981	276.8	11.44	17.00	30.66	5,152.10
New Jersey	Rockland Electric Company	ED	D-827-612	Electric	Vertically Integrated	7/7/1982	6.8	11.13	14.90	45.09	NA
Utah	PacifiCorp	BRK.A	C-82-035-13	Electric	Vertically Integrated	9/24/1982	88.4	12.56	16.30	41.63	1,515.30
Illinois	Ameren Illinois	AEE	D-82-0525 (CIPS)	Electric	Vertically Integrated	7/9/1982	20.4	13.01	18.00	36.53	203.00
Hawaii	Hawaii Electric Light Co	HE	D-4393	Electric	Vertically Integrated	12/29/1981	8.0	12.48	17.00	36.22	NA
New York	Orange & Rockland Utlts Inc.	ED	C-28278	Electric	Vertically Integrated	7/7/1982	11.5	11.48	16.00	47.12	363.00
Massachusetts	NSTAR Electric Co.	ES	DPU-1350	Electric	Vertically Integrated	11/16/1982	74.0	11.85	17.00	35.73	1,123.30
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-11-E	Electric	Vertically Integrated	6/18/1982	11.9	12.33	16.00	42.30	196.50
Missouri	Empire District Electric Co.	AQN	C-ER-83-42	Electric	Vertically Integrated	7/30/1982	5.0	11.39	16.50	37.88	NA
Maryland	Baltimore Gas and Electric Co.	EXC	C-7695 0-66273-E	Electric	Vertically Integrated	12/6/1982	105.4	11.70	16.50	40.30	2,704.80
Missouri	Evergy Missouri West	EVRG	C-ER-83-40	Electric	Vertically Integrated	8/13/1982	15.2	11.78	16.50	33.43	290.20
Missouri	Evergy Metro Inc	EVRG	C-ER-83-49	Electric	Vertically Integrated	8/26/1982	51.3	13.20	19.00	36.45	561.20
South Carolina	Dominion Energy South Carolina	D	D-82-240-E O-83-404	Electric	Vertically Integrated	7/1/1982	86.2	12.79	16.75	40.78	1,526.60
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-4-E	Electric	Vertically Integrated	7/30/1982	7.5	12.26	15.00	43.70	162.30
New York	Rochester Gas & Electric Co	IBE	C-28313,14	Electric	Vertically Integrated	8/27/1982	46.6	12.59	16.50	42.84	688.00
Washington	Puget Sound Energy Inc.		Ca-U-82-38	Electric	Vertically Integrated	8/30/1982	115.3	12.63	16.25	47.00	1,146.30
Texas	Texas-New Mexico Power Co.	PNM	D-4985	Electric	Vertically Integrated	1/28/1983	13.0	13.42	18.75	35.19	147.10
Ohio	The Toledo Edison Co.	FE	C-82-1024-EL-AIR	Electric	Vertically Integrated	11/5/1982	48.0	12.76	16.34	33.85	1,099.50
Indiana	Northern IN Public Svc Co.	NI	Ca-37023	Electric	Vertically Integrated	11/30/1982	229.2	11.23	18.50	31.83	NA
Arkansas	Entergy Arkansas LLC	ETR	D-82-314-U	Electric	Vertically Integrated	11/19/1982	126.5	12.66	17.57	32.35	1,977.20

Pennsylvania	PPL Electric Utilities Corp.	PPL	C-R-822169	Electric	Vertically Integrated	11/22/1982	296.1	12.56	16.33	34.80	NA
Connecticut	The United Illuminating Co.	IBE	D-83-03-01	Electric	Vertically Integrated	3/22/1983	45.0	13.60	17.50	40.00	NA
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-13-E	Electric	Vertically Integrated	1/10/1983	7.6	13.13	14.75	44.70	NA
New Mexico	El Paso Electric Co.		C-1833	Electric	Vertically Integrated	7/15/1983	8.7	13.04	15.00	38.12	NA
Ohio	Ohio Edison Co.	FE	C-82-1025-EL-AIR	Electric	Vertically Integrated	11/26/1982	215.2	14.01	19.00	38.94	2,436.60
Hawaii	Hawaiian Electric Co.	HE	D-4536	Electric	Vertically Integrated	7/6/1982	47.5	12.26	17.00	40.00	NA
North Carolina	Duke Energy Progress LLC	DUK	D-E-2, SUB 461	Electric	Vertically Integrated	2/11/1983	165.9	11.76	15.50	38.00	2,311.90
Kentucky	Kentucky Power Co.	AEP	C-8734	Electric	Vertically Integrated	3/3/1983	33.1	13.05	17.50	36.08	445.40
South Carolina	Duke Energy Progress LLC	DUK	D-82-328-E O-83-583	Electric	Vertically Integrated	9/8/1982	45.4	11.78	15.50	37.36	694.70
Georgia	Georgia Power Co.	SO	D-3397-U	Electric	Vertically Integrated	3/7/1983	319.5	12.71	16.50	35.61	NA
North Carolina	Duke Energy Carolinas LLC	DUK	D-E-7, SUB 358	Electric	Vertically Integrated	3/1/1983	112.9	11.94	15.50	40.00	2,589.20
Arizona	Arizona Public Service Co.	PNW	D-U-1345 De-53761-E	Electric	Vertically Integrated	8/27/1982	89.2	13.59	16.50	40.85	NA
Wyoming	PacifiCorp	BRK.A	D-9441, SUB 18	Electric	Vertically Integrated	12/17/1982	11.5	12.40	16.00	41.26	NA
Virginia	Appalachian Power Co.	AEP	C-PUE-830037	Electric	Vertically Integrated	5/10/1983	42.2	11.66	16.00	32.48	983.00
Illinois	MidAmerican Energy Co.	BRK.A	D-82-0892 (elec.)	Electric	Vertically Integrated	11/23/1982	24.1	12.29	17.00	39.00	245.30
Florida	Tampa Electric Co.	EMA	D-830012-EU	Electric	Vertically Integrated	3/25/1983	80.2	10.34	17.00	36.46	1,251.90
Louisiana	Cleco Power LLC		D-U-15622	Electric	Vertically Integrated	11/19/1982	38.1	13.12	17.10	40.00	557.60
Pennsylvania	Pennsylvania Electric Co.	FE	C-R-822250	Electric	Vertically Integrated	1/21/1983	65.2	11.16	17.00	33.94	NA
Pennsylvania	Metropolitan Edison Co.	FE	C-R-822249	Electric	Vertically Integrated	1/21/1983	50.0	11.15	17.00	37.55	NA
Oregon	PacifiCorp	BRK.A	C-UF-3900, UE-4	Electric	Vertically Integrated	12/28/1982	49.0	12.52	17.07	35.30	NA
Rhode Island	Blackstone Valley Electric		D-1701	Electric	Vertically Integrated	1/28/1983	5.9	14.46	17.00	36.35	NA
New Jersey	Jersey Cntrl Power & Light Co.	FE	D-831-110	Electric	Vertically Integrated	1/28/1983	108.7	10.99	17.00	36.75	NA
Oregon	Portland General Electric Co.	POR	C-UE-1,6	Electric	Vertically Integrated	1/10/1983	63.4	13.23	16.50	39.43	NA
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-83-29	Electric	Vertically Integrated	8/16/1983	20.0	11.16	15.10	35.79	NA
Indiana	Indiana Michigan Power Co.	AEP	Ca-37251	Electric	Vertically Integrated	8/31/1983	44.3	11.54	17.00	30.70	1,029.20
Pennsylvania	PECO Energy Co.	EXC	C-R-822291	Electric	Vertically Integrated	2/23/1983	228.2	13.42	17.68	38.00	NA
Virginia	Virginia Electric & Power Co.	D	C-PUE 830029	Electric	Vertically Integrated	8/29/1983	81.1	10.52	15.00	33.76	4,249.40
North Carolina	Virginia Electric & Power Co.	D	D-E-22, SUB 273	Electric	Vertically Integrated	2/7/1983	25.3	11.50	16.00	35.82	NA
Maine	Central Maine Power Co.	IBE	D-82-266	Electric	Vertically Integrated	3/7/1983	39.3	12.78	16.50	37.48	757.30
Connecticut	The CT Light & Power Co	ES	D-83-07-15-E	Electric	Vertically Integrated	7/15/1983	164.0	12.62	17.00	36.96	NA
Oklahoma	Oklahoma Gas and Electric Co.	OGE	Ca-28123	Electric	Vertically Integrated	1/21/1983	87.4	12.10	17.50	41.94	NA
Louisiana	Entergy Gulf States LA LLC	ETR	D-U-15641	Electric	Vertically Integrated	12/10/1982	119.4	13.56	16.25	40.00	1,512.00
Texas	Oncor Electric Delivery Co.	SRE	D-5200	Electric	Vertically Integrated	6/9/1983	195.1	13.37	17.50	44.29	2,256.30
Maryland	Delmarva Power & Light Co.	EXC	C-7734 0-66488	Electric	Vertically Integrated	5/27/1983	7.8	11.57	16.00	41.76	NA
Ohio	Columbus Southern Power Co.	AEP	C-83-314-EL-AIR	Electric	Vertically Integrated	3/31/1983	53.2	12.74	17.70	33.30	NA
California	San Diego Gas & Electric Co.	SRE	AP-821257 De-8312065-E	Electric	Vertically Integrated	12/24/1982	54.5	13.44	17.50	42.62	NA
Texas	AEP Texas North Co.	AEP	D-5204	Electric	Vertically Integrated	6/10/1983	25.7	13.29	17.00	44.01	281.90
Wisconsin	Wisconsin Electric Power Co.	WEC	D-6630-ER-18	Electric	Vertically Integrated	2/1/1983	(19.9)	13.06	14.75	48.78	NA
California	Pacific Gas and Electric Co.	PCG	AP-821248 De-8312068-E	Electric	Vertically Integrated	12/20/1982	493.0	13.19	17.50	42.25	5,400.00
Nevada	Nevada Power Co.	BRK.A	D-83-707	Electric	Vertically Integrated	7/5/1983	44.0	12.31	16.00	38.55	615.20
New York	Central Hudson Gas & Electric	FTS	C-28470	Electric	Vertically Integrated	2/16/1983	16.7	12.92	16.80	40.96	425.80
Texas	Oncor Electric Delivery Co.	SRE	D-5256	Electric	Vertically Integrated	7/15/1983	104.8	13.03	17.50	43.38	1,235.00
Arkansas	Southwestern Electric Power Co	AEP	D-83-064-U	Electric	Vertically Integrated	3/18/1983	23.5	13.04	17.00	37.80	219.60
Washington	Avista Corp.	AVA	Ca-U-83-26	Electric	Vertically Integrated	4/6/1983	45.9	12.99	16.50	40.00	466.10
New Hampshire	Public Service Co. of NH	ES	D-82-333	Electric	Vertically Integrated	10/31/1983	28.1	14.16	16.10	41.00	433.30
Massachusetts	Eastern Edison Company		DPU-1580	Electric	Vertically Integrated	7/15/1983	6.9	14.08	16.50	37.80	85.40
Iowa	Interstate Power & Light Co.	LNT	D-RPU-83-14	Electric	Vertically Integrated	5/4/1983	6.2	12.55	18.00	36.15	NA
Montana	PacifiCorp	BRK.A	D-83.5.36	Electric	Vertically Integrated	5/10/1983	5.8	12.78	17.10	36.00	NA
Idaho	Avista Corp.	AVA	C-U-1008-185	Electric	Vertically Integrated	4/6/1983	33.4	12.99	16.50	40.00	266.80
Washington	PacifiCorp	BRK.A	Ca-U-83-33	Electric	Vertically Integrated	4/26/1983	14.5	13.27	18.50	35.90	315.10
Texas	Southwestern Electric Power Co	AEP	D-5301	Electric	Vertically Integrated	8/4/1983	25.5	13.18	17.00	40.00	507.50
Louisiana	Entergy Louisiana LLC	ETR	D-U-15684	Electric	Vertically Integrated	1/25/1983	317.1	14.08	17.00	37.00	2,511.40
Louisiana	Entergy New Orleans LLC	ETR	D-U-15689 (elec.)	Electric	Vertically Integrated	1/28/1983	52.5	14.08	17.00	37.00	NA
South Carolina	Duke Energy Carolinas LLC	DUK	D-83-302-E O-84-108	Electric	Vertically Integrated	9/2/1983	158.8	12.42	16.50	41.60	1,261.30
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-12-E	Electric	Vertically Integrated	5/27/1983	10.2	11.93	15.00	45.50	193.90
South Carolina	Dominion Energy South Carolina	D	D-83-307-E O-84-142	Electric	Vertically Integrated	9/6/1983	192.3	12.38	16.00	39.39	1,638.30
New York	Niagara Mohawk Power Corp.	NG.	C-28525,26	Electric	Vertically Integrated	4/29/1983	145.0	12.71	16.50	42.73	2,804.20
New Jersey	Public Service Electric Gas	PEG	D-837-620-E	Electric	Vertically Integrated	7/1/1983	378.2	11.52	17.00	38.49	5,695.02
Iowa	Interstate Power & Light Co.	LNT	D-RPU-83-23	Electric	Vertically Integrated	5/27/1983	44.2	11.08	15.10	37.60	424.60
New Mexico	Public Service Co. of NM	PNM	C-1835	Electric	Vertically Integrated	7/21/1983	40.8	12.21	16.80	36.40	NA
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-83-24	Electric	Vertically Integrated	6/10/1983	68.4	11.86	16.50	39.60	685.40
Pennsylvania	Pennsylvania Power Co.	FE	C-R-832409	Electric	Vertically Integrated	7/13/1983	23.3	12.46	17.00	34.50	NA
Louisiana	Southwestern Electric Power Co	AEP	D-U-15753	Electric	Vertically Integrated	4/29/1983	44.4	13.25	17.00	45.00	395.60
New York	NY State Electric & Gas Corp.	IBE	C-28550,51	Electric	Vertically Integrated	5/27/1983	154.4	12.93	16.16	39.24	1,806.20
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-83-22	Electric	Vertically Integrated	5/26/1983	44.6	11.78	16.00	37.40	450.70
Rhode Island	Narragansett Electric Co.	NG.	D-1719	Electric	Vertically Integrated	8/1/1983	7.9	11.71	16.00	36.68	154.40
Iowa	Interstate Power & Light Co.	LNT	D-RPU-83-27	Electric	Vertically Integrated	6/30/1983	20.2	11.07	17.00	35.31	312.80
Kentucky	Louisville Gas & Electric Co.	PPL	C-8924 (elec.)	Electric	Vertically Integrated	11/23/1983	43.5	10.85	15.50	36.03	1,080.50
Colorado	Public Service Co. of CO	XEL	D-1640-De-C84-598 (Elec.)	Electric	Vertically Integrated	11/18/1983	95.4	11.71	15.70	38.59	1,650.90
Delaware	Delmarva Power & Light Co.	EXC	D-84-18	Electric	Vertically Integrated	5/15/1984	(4.4)	11.11	15.10	39.80	NA
North Carolina	Duke Energy Carolinas LLC	DUK	D-E-7, SUB 373	Electric	Vertically Integrated	11/30/1983	212.8	12.46	16.50	42.08	3,103.10
Florida	Florida Power & Light Co.	NEE	D-830465-EI	Electric	Vertically Integrated	11/23/1983	457.0	11.06	17.35	32.28	6,666.50
Pennsylvania	Pennsylvania Electric Co.	FE	C-R-832550	Electric	Vertically Integrated	1/25/1984	41.7	11.12	16.25	37.33	996.80
Massachusetts	NSTAR Electric Co.	ES	DPU-1720	Electric	Vertically Integrated	12/16/1983	40.7	11.46	15.50	35.52	1,187.70
Montana	MDU Resources Group	MDU	D-83.9.68	Electric	Vertically Integrated	9/30/1983	8.7	11.40	15.50	39.39	NA
New York	Rochester Gas & Electric Co	IBE	C-28609,10	Electric	Vertically Integrated	8/19/1983	57.6	12.48	16.00	42.74	816.10
Illinois	Commonwealth Edison Co.	EXC	D-83-0537 (Phase 1)	Electric	Vertically Integrated	10/7/1983	405.0	13.02	17.00	40.00	6,934.10
Texas	Entergy Texas Inc.	ETR	D-5560	Electric	Vertically Integrated	1/6/1984	327.2	13.86	17.50	37.00	1,459.70
Arkansas	Oklahoma Gas and Electric Co.	OGE	D-83-179-U	Electric	Vertically Integrated	9/12/1983	17.9	12.26	17.50	43.77	NA
Texas	Texas-New Mexico Power Co.	PNM	D-5568	Electric	Vertically Integrated	1/13/1984	11.0	13.14	17.00	37.42	162.20
California	PacifiCorp	BRK.A	AP-83-0552 De-830717	Electric	Vertically Integrated	5/25/1983	10.9	12.41	16.00	36.00	NA
New Jersey	Rockland Electric Company	ED	D-839-790	Electric	Vertically Integrated	9/19/1983	7.8	11.79	16.00	47.57	NA
Ohio	Ohio Edison Co.	FE	C-83-1130-EL-AIR	Electric	Vertically Integrated	10/12/1983	142.4	13.82	18.00	41.06	NA
Massachusetts	Western Massachusetts Electric	ES	DPU-84-25	Electric	Vertically Integrated	1/17/1984	33.9	12.88	16.60	36.04	389.60
Montana	NorthWestern Corp.	NWE	D-83.9.67	Electric	Vertically Integrated	9/30/1983	96.4	12.54	16.50	37.71	802.10
New Jersey	Atlantic City Electric Co.	EXC	D-8310-883	Electric	Vertically Integrated	10/14/1983	37.1	11.66	15.00	45.10	845.50
Hawaii	Maui Electric Company Ltd	HE	D-4691	Electric	Vertically Integrated	4/15/1983	9.8	12.67	16.50	40.30	NA
New York	Long Island Lighting Co		C-28553	Electric	Vertically Integrated	5/27/1983	281.1	13.75	16.30	43.31	1,827.70
Florida	Duke Energy Florida LLC	DUK	D-830470-EI	Electric	Vertically Integrated	2/1/1984	124.0	9.84	15.85	28.13	NA
Vermont	Green Mountain Power Corp.		D-4865	Electric	Vertically Integrated	1/5/1984	10.2	12.07	16.50	36.15	NA
Idaho	PacifiCorp	BRK.A	C-U-1009-137	Electric	Vertically Integrated	4/2/1984	26.3	12.51	16.00	42.75	292.70
Utah	PacifiCorp	BRK.A	C-84-035-01	Electric	Vertically Integrated	1/9/1984	72.6	12.46	15.80	43.32	1,736.30
Ohio	The Toledo Edison Co.	FE	C-83-1450-EL-AIR	Electric	Vertically Integrated	12/12/1983	56.5	13.64	17.66	35.80	1,099.40
Michigan	Indiana Michigan Power Co.	AEP	C-U-7791	Electric	Vertically Integrated	12/16/1983	27.6	11.81	16.50	31.75	NA
West Virginia	Appalachian Power Co.	AEP	C-83-697-E-42T	Electric	Vertically Integrated	12/5/1983	99.7	12.60	17.00	36.00	1,088.50
Washington	Puget Sound Energy Inc.		Ca-U-83-54	Electric	Vertically Integrated	8/10/1984	98.4	12.87	16.25	43.00	1,345.50
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-14-E	Electric	Vertically Integrated	12/30/1983	10.5	12.89	14.75	44.99	500.70
Texas	Oncor Electric Delivery Co.	SRE	D-5640	Electric	Vertically Integrated	3/9/1984	304.2	12.91	16.75	44.36	6,196.60
Nevada	Sierra Pacific Power Co.	BRK.A	D-83-1142	Electric	Vertically Integrated	11/23/1983	11.0	12.51	16.50	39.72	413.50
Texas	El Paso Electric Co.		D-5700	Electric	Vertically Integrated	4/19/1984	49.9	13.34	17.50	38.88	675.60
South Carolina	Duke Energy Progress LLC	DUK	D-84-122-E O-84-886	Electric	Vertically Integrated	5/1/1984	23.6	12.36	16.50	39.86	519.70
Florida	Gulf Power Co.	NEE	D-840086-EI	Electric	Vertically Integrated	4/27/1984	28.4	9.85	15.85	28.20	629.70
Texas	AEP Texas North Co.	AEP	D-5764	Electric	Vertically Integrated	6/24/1984	29.7	13.53	17.00	44.33	326.70
Oregon	PacifiCorp	BRK.A	C-UE-21	Electric	Vertically Integrated	2/16/1984	21.1	12.23	15.75	36.00	1,220.60
North Carolina	Duke Energy Progress LLC	DUK	D-E-2, SUB 481	Electric	Vertically Integrated	2/21/1984	151.6	12.52	16.50	40.00	2,436.00

Ohio	Duke Energy Ohio Inc.	DUK	C-83-1528-EL-AIR	Electric	Vertically Integrated	3/6/1984	66.3	13.08	18.49	37.90	1,365.80
Hawaii	Hawaii Electric Light Co	HE	D-4833	Electric	Vertically Integrated	7/5/1983	6.8	12.36	16.50	40.00	73.00
Arizona	Arizona Public Service Co.	PNW	D-U-1345 De-54204/47	Electric	Vertically Integrated	7/1/1983	201.1	13.88	17.50	38.77	NA
Indiana	Indiana Michigan Power Co.	AEP	Ca-37457	Electric	Vertically Integrated	3/20/1984	123.5	11.16	16.50	31.20	NA
Kentucky	Kentucky Power Co.	AEP	C-9061	Electric	Vertically Integrated	6/15/1984	51.8	12.42	17.50	38.14	456.70
Connecticut	The United Illuminating Co.	IBE	D-84-06-01	Electric	Vertically Integrated	7/2/1984	53.8	14.07	17.50	40.00	564.30
Maryland	Delmarva Power & Light Co.	EXC	C-7829 0-66884	Electric	Vertically Integrated	6/1/1984	7.9	11.45	15.60	41.72	297.80
Virginia	Virginia Electric & Power Co.	D	C-PUE 840021	Electric	Vertically Integrated	3/30/1984	23.8	10.41	15.00	34.38	NA
Vermont	Central Vermont Public Service		D-4906	Electric	Vertically Integrated	4/18/1984	14.9	13.77	17.50	45.44	NA
California	Southern California Edison Co.	EIX	AP-831253 De-8412068	Electric	Vertically Integrated	12/29/1983	(15.0)	13.05	16.75	45.00	5,172.50
Wisconsin	Wisconsin Electric Power Co.	WEC	D-6630-ER-19	Electric	Vertically Integrated	2/3/1984	(15.0)	NA	14.75	49.79	NA
Washington	Avista Corp.	AVA	Ca-U-84-28	Electric	Vertically Integrated	5/4/1984	23.0	12.44	15.75	40.00	448.90
Texas	CenterPoint Energy Houston	CNP	D-5779	Electric	Vertically Integrated	6/15/1984	288.5	12.88	17.00	45.95	4,691.60
New Jersey	Jersey Cntrl Power & Light Co.	FE	D-841-55	Electric	Vertically Integrated	1/27/1984	19.9	10.73	16.00	39.53	NA
Pennsylvania	Duquesne Light Co.		C-R-842583	Electric	Vertically Integrated	4/27/1984	61.7	12.55	17.00	38.20	1,815.90
Pennsylvania	PECO Energy Co.	EXC	C-R-842590	Electric	Vertically Integrated	4/27/1984	152.2	13.40	17.50	38.20	3,372.10
Idaho	Avista Corp.	AVA	C-U-1008-219	Electric	Vertically Integrated	5/4/1984	15.5	12.44	15.75	40.00	264.10
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-20-E	Electric	Vertically Integrated	4/13/1984	21.0	11.66	15.00	46.94	601.70
Iowa	Interstate Power & Light Co.	LNT	D-RPU-83-44	Electric	Vertically Integrated	12/30/1983	11.4	11.53	15.00	45.50	206.40
Wyoming	PacifiCorp	BRK.A	D-9441, SUB 20	Electric	Vertically Integrated	5/4/1984	22.1	12.51	16.00	43.20	177.30
Ohio	The Cleveland Electric Illumin	FE	C-84-188-EL-AIR	Electric	Vertically Integrated	4/3/1984	159.0	13.74	19.60	40.10	2,169.90
New York	Niagara Mohawk Power Corp.	NG.	C-28798,99	Electric	Vertically Integrated	4/20/1984	104.5	13.12	16.80	43.61	2,998.00
Pennsylvania	Pennsylvania Power Co.	FE	C-R-842740	Electric	Vertically Integrated	10/16/1984	20.4	13.38	18.50	34.50	409.90
Missouri	Union Electric Co.	AEE	C-ER-85-160, EO-85-17	Electric	Vertically Integrated	2/15/1984	638.5	11.98	15.62	38.16	3,914.20
Arkansas	Entergy Arkansas LLC	ETR	D-84-199-U	Electric	Vertically Integrated	3/9/1984	80.0	12.49	16.81	33.91	2,225.00
New York	NY State Electric & Gas Corp.	IBE	C-28824,25	Electric	Vertically Integrated	5/18/1984	134.0	13.90	17.20	39.85	1,975.90
New York	Central Hudson Gas & Electric	FTS	C-28838	Electric	Vertically Integrated	5/23/1984	27.2	13.95	18.30	42.09	471.30
Montana	PacifiCorp	BRK.A	D-84.7.38	Electric	Vertically Integrated	7/19/1984	3.9	12.57	16.25	36.00	NA
Pennsylvania	PPL Electric Utilities Corp.	PPL	C-R-842651 (PPL)	Electric	Vertically Integrated	7/27/1984	330.0	12.48	15.10	35.00	4,634.30
Oklahoma	Public Service Co. of OK	AEP	Ca-28331	Electric	Vertically Integrated	6/1/1983	50.7	12.04	16.50	45.04	824.00
Wyoming	PacifiCorp	BRK.A	D-9454, SUB 25	Electric	Vertically Integrated	7/5/1984	20.6	12.28	15.75	36.00	467.00
Illinois	Ameren Illinois	AEE	D-84-0109/85-0006 (CIPS)	Electric	Vertically Integrated	2/15/1984	71.8	11.84	15.62	37.01	468.50
Maine	Maine Public Service Co.	EMA	D-84-80	Electric	Vertically Integrated	8/24/1984	7.3	13.64	17.48	34.94	NA
Arkansas	Southwestern Electric Power Co	AEP	D-84-175-U	Electric	Vertically Integrated	7/13/1984	31.7	12.94	17.00	37.56	252.10
Maine	Central Maine Power Co.	IBE	D-84-120	Electric	Vertically Integrated	8/31/1984	58.6	14.17	17.50	37.02	716.10
Mississippi	Entergy Mississippi LLC	ETR	C-U-4620	Electric	Vertically Integrated	11/16/1984	94.7	12.88	18.00	32.40	682.80
New York	Rochester Gas & Electric Co	IBE	C-28896,97	Electric	Vertically Integrated	8/17/1984	41.3	13.25	17.25	44.32	833.00
Michigan	DTE Electric Co.	DTE	C-U-7660	Electric	Vertically Integrated	7/19/1983	400.0	10.57	15.00	28.60	7,800.00
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-13-E	Electric	Vertically Integrated	6/15/1984	5.9	12.15	15.00	46.40	195.40
Washington	PacifiCorp	BRK.A	Ca-U-84-65	Electric	Vertically Integrated	9/7/1984	12.3	12.05	16.25	36.00	306.10
Illinois	Ameren Illinois	AEE	D-84-0480 (IP)	Electric	Vertically Integrated	9/4/1984	139.9	12.22	15.40	40.51	2,182.30
Montana	NorthWestern Corp.	NWE	D-84.11.71	Electric	Vertically Integrated	11/15/1984	82.4	11.65	14.25	37.32	NA
Pennsylvania	West Penn Power Co.	FE	C-R-842651 (WPP)	Electric	Vertically Integrated	11/30/1984	80.7	10.94	16.00	40.00	1,242.50
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-100-E	Electric	Vertically Integrated	12/28/1984	30.2	11.53	14.75	46.70	596.90
Maryland	The Potomac Edison Co.	FE	C-7878 0-67142	Electric	Vertically Integrated	2/11/1985	34.2	11.20	16.00	38.58	413.70
Arkansas	Entergy Arkansas LLC	ETR	D-84-249-U	Electric	Vertically Integrated	11/9/1984	241.1	12.69	17.48	33.63	NA
North Carolina	Duke Energy Carolinas LLC	DUK	D-E-7, SUB 391	Electric	Vertically Integrated	2/15/1985	292.8	12.10	15.25	45.73	3,120.10
Georgia	Savannah Electric & Power Co.	SO	D-3523-U	Electric	Vertically Integrated	3/29/1985	17.1	13.26	15.75	39.16	NA
Kansas	Evergy Kansas South	EVRG	D-142,098-U	Electric	Vertically Integrated	11/8/1984	373.4	11.98	15.50	38.62	2,030.30
Kansas	Evergy Metro Inc	EVRG	D-142,099-U	Electric	Distribution	11/8/1984	110.4	12.33	16.25	38.96	724.30
West Virginia	Monongahela Power Co.	FE	C-84-768-E-42T	Electric	Vertically Integrated	11/26/1984	42.0	11.72	16.00	41.44	712.10
South Carolina	Duke Energy Carolinas LLC	DUK	D-85-78-E O-85-841	Electric	Vertically Integrated	4/9/1985	124.5	12.10	15.25	45.73	1,336.70
Kentucky	Duke Energy Kentucky Inc.	DUK	C-9299	Electric	Vertically Integrated	4/10/1985	5.3	13.03	16.25	50.50	NA
Illinois	Commonwealth Edison Co.	EXC	D-83-0537 (Phase 2)	Electric	Vertically Integrated	11/29/1984	615.0	12.85	16.00	41.18	8,981.00
Pennsylvania	Pennsylvania Electric Co.	FE	C-R-842771	Electric	Vertically Integrated	1/24/1985	60.1	11.36	16.25	40.23	1,015.80
Pennsylvania	Metropolitan Edison Co.	FE	C-R-842770	Electric	Vertically Integrated	1/24/1985	47.3	11.29	16.50	40.68	540.40
Maine	Versant Power		D-85-190	Electric	Vertically Integrated	2/15/1985	17.4	14.60	20.00	33.00	NA
Ohio	Ohio Edison Co.	FE	C-84-1359-EL-AIR	Electric	Vertically Integrated	1/3/1985	150.9	14.06	18.75	36.90	2,571.40
Pennsylvania	Duquesne Light Co.		C-R-850021	Electric	Vertically Integrated	5/17/1985	67.2	12.69	17.00	39.10	1,787.20
Florida	Tampa Electric Co.	EMA	D-850050-EI	Electric	Vertically Integrated	4/5/1985	75.0	10.42	16.00	38.07	1,591.00
Vermont	Green Mountain Power Corp.		D-5013	Electric	Vertically Integrated	5/3/1985	6.0	13.01	16.00	40.66	NA
Nevada	Sierra Pacific Power Co.	BRK.A	D-85-532	Electric	Vertically Integrated	4/15/1985	32.3	12.04	15.75	40.05	538.10
Hawaii	Hawaiian Electric Co.	HE	D-5081	Electric	Vertically Integrated	8/7/1984	16.6	12.21	16.50	41.50	457.70
New Mexico	Public Service Co. of NM	PNM	C-1916	Electric	Vertically Integrated	8/28/1984	25.2	12.10	16.20	40.00	NA
Oklahoma	Oklahoma Gas and Electric Co.	OGE	Ca-29450	Electric	Vertically Integrated	2/8/1985	117.0	11.74	15.75	46.17	1,527.90
Wisconsin	Wisconsin Electric Power Co.	WEC	D-6630-ER-100	Electric	Vertically Integrated	3/1/1985	69.9	12.16	14.75	52.78	1,633.10
California	San Diego Gas & Electric Co.	SRE	AP-841215 De-8512108-E	Electric	Vertically Integrated	12/17/1984	55.4	13.24	16.50	48.45	1,317.90
New York	Long Island Lighting Co		C-29029	Electric	Vertically Integrated	2/27/1985	68.7	13.92	15.50	50.19	NA
Texas	El Paso Electric Co.		D-6350	Electric	Vertically Integrated	6/24/1985	67.5	13.20	16.90	35.60	735.80
California	Sierra Pacific Power Co.	BRK.A	AP-850517 De-860230	Electric	Vertically Integrated	5/3/1985	5.3	12.58	16.75	38.46	NA
Indiana	Southern Indiana Gas & Elec Co	CNP	Ca-37803	Electric	Vertically Integrated	5/24/1985	38.1	10.08	15.75	35.19	460.20
Iowa	Interstate Power & Light Co.	LNT	D-RPU-85-9	Electric	Vertically Integrated	4/10/1985	25.9	11.92	15.62	37.10	145.70
New York	Orange & Rockland Utlts Inc.	ED	C-29046	Electric	Vertically Integrated	3/18/1985	6.4	11.30	15.00	50.92	359.30
Idaho	Avista Corp.	AVA	C-U-1008-234, 204	Electric	Vertically Integrated	6/18/1985	16.3	12.50	15.75	NA	NA
Vermont	Central Vermont Public Service		D-5030	Electric	Vertically Integrated	5/3/1985	15.7	13.20	16.60	44.42	205.20
New Mexico	Southwestern Public Service Co	XEL	C-1957	Electric	Vertically Integrated	4/24/1985	9.0	12.52	16.63	43.50	NA
New Jersey	Rockland Electric Company	ED	D-8503-289	Electric	Vertically Integrated	3/18/1985	5.5	11.68	15.00	50.54	NA
Texas	AEP Texas Central Co.	AEP	D-6375	Electric	Vertically Integrated	7/9/1985	122.0	12.80	17.00	39.44	1,644.90
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-100	Electric	Vertically Integrated	6/3/1985	8.9	11.66	15.00	43.79	173.90
New York	Niagara Mohawk Power Corp.	NG.	C-29069,70	Electric	Vertically Integrated	4/19/1985	153.1	12.65	15.80	44.68	3,655.40
New Jersey	Atlantic City Electric Co.	EXC	D-ER-8504434	Electric	Vertically Integrated	4/26/1985	63.0	12.04	15.50	41.90	1,035.40
Iowa	Interstate Power & Light Co.	LNT	D-RPU-85-11	Electric	Vertically Integrated	5/31/1985	15.9	11.72	15.00	48.10	198.40
Michigan	DTE Electric Co.	DTE	C-U-7660- Fermi 2	Electric	Vertically Integrated	7/19/1983	556.0	10.57	15.00	28.60	7,800.00
Virginia	The Potomac Edison Co.	FE	C-PUE-850029	Electric	Vertically Integrated	7/1/1985	9.6	10.49	16.00	34.60	NA
Washington	Avista Corp.	AVA	Ca-U-85-36	Electric	Vertically Integrated	6/18/1985	20.4	12.43	15.75	40.00	547.60
Idaho	PacifiCorp	BRK.A	C-U-1009-157	Electric	Vertically Integrated	9/10/1985	15.3	12.24	15.06	44.51	293.00
Missouri	Evergy Metro Inc	EVRG	C-ER-85-128, EO-85-185	Electric	Vertically Integrated	11/26/1984	187.1	12.23	16.25	37.38	NA
Virginia	Virginia Electric & Power Co.	D	C-PUE 840071	Electric	Vertically Integrated	2/25/1985	137.5	10.49	15.00	33.70	4,747.00
Washington	Puget Sound Energy Inc.		Ca-U-85-53	Electric	Vertically Integrated	8/14/1985	68.2	11.34	14.50	38.40	1,673.90
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-100-E	Electric	Vertically Integrated	10/25/1985	4.0	12.06	14.75	49.70	NA
New Jersey	Jersey Cntrl Power & Light Co.	FE	D-ER-8507698	Electric	Vertically Integrated	7/12/1985	73.5	10.87	16.00	42.35	1,510.70
Minnesota	Northern States Power Co.	XEL	D-E-002-GR-85-558	Electric	Vertically Integrated	8/1/1985	121.7	11.23	15.00	45.99	2,238.20
Connecticut	The CT Light & Power Co	ES	D-85-10-22-E	Electric	Vertically Integrated	11/25/1985	133.8	11.73	15.25	39.52	NA
Ohio	The Cleveland Electric Illumin	FE	C-85-675-EL-AIR	Electric	Vertically Integrated	7/2/1985	233.0	13.88	19.35	39.48	2,268.90
Massachusetts	NSTAR Electric Co.	ES	DPU-85-271	Electric	Vertically Integrated	12/17/1985	49.9	11.85	15.25	42.46	NA
Pennsylvania	PECO Energy Co.	EXC	C-R-850152	Electric	Vertically Integrated	9/27/1985	681.8	12.77	15.93	38.40	6,943.90
Massachusetts	Western Massachusetts Electric	ES	DPU-85-270	Electric	Vertically Integrated	12/17/1985	29.4	12.29	16.00	37.15	464.10
Ohio	Ohio Power Co.	AEP	C-85-726-EL-AIR	Electric	Vertically Integrated	7/15/1985	82.7	12.88	17.00	37.03	2,024.80
Idaho	Idaho Power Co.	IDA	C-U-1006-265	Electric	Vertically Integrated	5/12/1986	66.2	11.10	15.00	40.00	1,153.60
New York	Rochester Gas & Electric Co	IBE	C-29189,90	Electric	Vertically Integrated	8/23/1985	49.8	12.22	15.25	47.16	945.70
New York	Central Hudson Gas & Electric	FTS	C-29195	Electric	Vertically Integrated	8/28/1985	38.3	12.12	15.45	41.39	672.50
Pennsylvania	West Penn Power Co.	FE	C-R-850220	Electric	Vertically Integrated	10/18/1985	82.0	10.99	16.00	40.10	1,210.60
Indiana	AES Indiana	AES	Ca-37837	Electric	Vertically Integrated	7/3/1985	136.8	10.33	15.25	35.67	NA
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-101-E	Electric	Vertically Integrated	12/30/1985	12.7	11.26	14.25	47.10	610.90
Oregon	Idaho Power Co.	IDA	C-UE-43	Electric	Vertically Integrated	9/13/1985	5.9	11.10	15.00	40.00	NA

Washington	PacifiCorp	BRK.A	Ca-U-86-02	Electric	Vertically Integrated	12/17/1985	26.3	10.78	14.50	36.00	325.60
Arizona	Arizona Public Service Co.	PNW	D-U-1345 De-55228	Electric	Vertically Integrated	5/24/1985	54.6	12.34	15.00	40.08	2,533.10
North Carolina	Duke Energy Carolinas LLC	DUK	D-E-7, SUB 408	Electric	Vertically Integrated	3/27/1986	236.5	11.21	14.00	46.49	3,451.30
Oklahoma	Oklahoma Gas and Electric Co.	OGE	Ca-000259	Electric	Vertically Integrated	10/22/1986	(17.4)	10.42	13.50	44.21	NA
South Carolina	Duke Energy Carolinas LLC	DUK	D-86-188E O-86-1116	Electric	Vertically Integrated	5/5/1986	119.9	11.20	14.00	46.43	1,443.00
Idaho	Avista Corp.	AVA	C-U-1008-256	Electric	Vertically Integrated	6/20/1986	3.7	11.18	13.50	38.00	NA
Texas	CenterPoint Energy Houston	CNP	D-6765	Electric	Vertically Integrated	3/18/1986	347.0	12.30	16.25	46.37	5,024.50
Ohio	Columbus Southern Power Co.	AEP	C-85-1778-EL-AIR	Electric	Vertically Integrated	2/5/1986	7.8	12.13	16.00	46.57	NA
California	Pacific Gas and Electric Co.	PCG	AP-851250 De-8612095-E	Electric	Vertically Integrated	12/27/1985	276.8	12.16	15.25	45.00	NA
Wisconsin	Wisconsin Electric Power Co.	WEC	D-6630-UR-100	Electric	Vertically Integrated	3/3/1986	41.2	12.17	14.50	53.48	1,759.00
Vermont	Central Vermont Public Service		D-5132	Electric	Vertically Integrated	4/18/1986	18.4	12.99	16.00	47.87	NA
Rhode Island	Blackstone Valley Electric		D-1849	Electric	Vertically Integrated	4/11/1986	4.8	12.51	14.30	42.41	NA
North Dakota	MDU Resources Group	MDU	C-10, 799	Electric	Vertically Integrated	2/13/1986	11.1	11.60	14.50	36.55	NA
Iowa	Interstate Power & Light Co.	LNT	D-RPU-86-8	Electric	Vertically Integrated	5/1/1986	11.3	9.91	13.25	39.10	317.20
Maryland	Delmarva Power & Light Co.	EXC	C-7982 0-67664	Electric	Vertically Integrated	9/5/1986	4.6	12.28	15.00	40.00	NA
Iowa	Interstate Power & Light Co.	LNT	D-RPU-86-7	Electric	Vertically Integrated	4/25/1986	40.1	11.39	14.40	42.50	472.40
Pennsylvania	Duquesne Light Co.		C-R-860378	Electric	Vertically Integrated	6/1/1986	40.0	11.79	15.00	41.00	1,770.00
New York	Niagara Mohawk Power Corp.	NG.	C-29327, 28	Electric	Vertically Integrated	4/18/1986	181.7	11.38	14.00	43.71	4,516.60
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-102-E	Electric	Vertically Integrated	1/5/1987	(5.2)	10.86	13.50	48.82	604.80
New Jersey	Public Service Electric Gas	PEG	D-85121163-E	Electric	Vertically Integrated	12/13/1984	802.1	10.54	15.25	43.28	7,369.90
Delaware	Delmarva Power & Light Co.	EXC	D-86-24	Electric	Vertically Integrated	6/11/1986	(9.2)	10.51	14.00	42.32	653.40
Virginia	Appalachian Power Co.	AEP	C-PUE-860015	Electric	Vertically Integrated	3/14/1986	32.8	11.40	16.00	36.02	995.00
Minnesota	Otter Tail Power Co.	OTTR	D-E-017-GR-86-380	Electric	Vertically Integrated	6/26/1986	18.2	11.43	14.85	46.93	NA
Maryland	Baltimore Gas and Electric Co.	EXC	C-7973 0-67733-E	Electric	Vertically Integrated	11/10/1986	(11.7)	10.40	14.00	45.00	3,109.00
Maryland	Potomac Electric Power Co.	EXC	C-7972 0-67737	Electric	Vertically Integrated	11/10/1986	14.5	10.06	13.25	42.09	1,168.50
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-101-E	Electric	Vertically Integrated	10/10/1986	3.8	12.74	14.50	46.65	209.10
New York	Rochester Gas & Electric Co	IBE	C-29246,47	Electric	Vertically Integrated	8/22/1986	30.4	11.17	13.75	46.32	1,207.40
New Hampshire	Public Service Co. of NH	ES	D-86-122	Electric	Vertically Integrated	5/29/1986	38.7	16.53	19.00	37.57	NA
Massachusetts	Western Massachusetts Electric	ES	DPU-86-280	Electric	Vertically Integrated	12/17/1986	23.2	10.88	14.00	37.37	429.10
Kansas	Evergy Metro Inc	EVRG	D-150,368-U	Electric	Vertically Integrated	4/6/1987	(10.0)	NA	NA	NA	NA
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-101-E	Electric	Vertically Integrated	4/26/1986	(2.0)	NA	13.30	49.47	523.60
Indiana	Northern IN Public Svc Co.	NI	Ca-38045	Electric	Vertically Integrated	12/2/1986	149.1	9.96	15.50	30.66	2,542.10
Pennsylvania	Pennsylvania Power Co.	FE	C-R-850267	Electric	Vertically Integrated	6/20/1986	63.2	11.83	14.63	35.80	678.40
Michigan	Consumers Energy Co.	CMS	C-U-7830-Step 2	Electric	Vertically Integrated	11/18/1983	173.7	11.43	15.50	29.33	2,805.80
Arkansas	Entergy Arkansas LLC	ETR	D-87-108-U	Electric	Vertically Integrated	6/29/1987	(26.3)	9.08	13.00	40.95	NA
New York	Central Hudson Gas & Electric	FTS	C-29433	Electric	Vertically Integrated	8/28/1986	5.9	11.02	13.75	46.13	857.60
Rhode Island	Narragansett Electric Co.	NG.	D-1881	Electric	Vertically Integrated	1/23/1987	0.0	NA	NA	NA	NA
Kansas	Evergy Kansas Central Inc.	EVRG	D-136,381-U	Electric	Vertically Integrated	2/25/1987	(16.6)	NA	NA	NA	NA
North Carolina	Duke Energy Progress LLC	DUK	D-E-2, SUB 526	Electric	Vertically Integrated	1/6/1987	190.3	11.09	14.00	43.00	2,974.40
South Carolina	Duke Energy Progress LLC	DUK	D-87-7-E O-87-902	Electric	Vertically Integrated	2/27/1987	47.4	11.09	14.00	43.02	680.00
Virginia	The Potomac Edison Co.	FE	C-PUE-870015	Electric	Vertically Integrated	3/6/1987	0.0	NA	NA	NA	NA
Indiana	Indiana Michigan Power Co.	AEP	Ca-38063	Electric	Vertically Integrated	5/13/1986	27.8	9.95	15.00	29.20	NA
Oregon	Portland General Electric Co.	POR	C-UE-47,48	Electric	Vertically Integrated	3/6/1986	(15.0)	11.93	14.09	42.94	NA
Georgia	Georgia Power Co.	SO	D-3673-U	Electric	Vertically Integrated	4/2/1987	735.1	11.58	14.00	41.44	6,538.30
West Virginia	Monongahela Power Co.	FE	C-86-524-E-SC	Electric	Vertically Integrated	11/7/1986	0.0	10.74	14.25	43.41	681.00
Virginia	Kentucky Utilities Co.	PPL	C-PUE-870018	Electric	Vertically Integrated	3/6/1987	0.0	NA	NA	NA	NA
New Mexico	El Paso Electric Co.		C-2092	Electric	Vertically Integrated	1/30/1987	6.6	10.93	13.00	43.51	NA
Arkansas	Southwestern Electric Power Co	AEP	D-87-164-U	Electric	Vertically Integrated	10/30/1987	(4.5)	NA	13.00	NA	NA
Texas	AEP Texas North Co.	AEP	D-7195	Electric	Vertically Integrated	5/19/1987	50.4	12.07	14.50	42.76	491.20
New York	Long Island Lighting Co		C-29484	Electric	Vertically Integrated	11/26/1986	83.0	12.03	14.25	31.33	1,860.90
South Carolina	Dominion Energy South Carolina	D	D-87-10-E O-87-1381	Electric	Vertically Integrated	8/26/1986	(17.0)	NA	14.25	NA	NA
Ohio	The Toledo Edison Co.	FE	C-86-2026-EL-AIR	Electric	Vertically Integrated	11/17/1986	187.1	12.84	16.30	37.96	1,084.60
Ohio	The Cleveland Electric Illumin	FE	C-86-2025-EL-AIR	Electric	Vertically Integrated	11/17/1986	241.8	12.84	16.30	37.96	2,353.50
Maine	Versant Power		D-86-242	Electric	Vertically Integrated	3/3/1987	6.9	12.17	12.00	44.80	NA
Virginia	Appalachian Power Co.	AEP	C-PUE-870016	Electric	Vertically Integrated	3/6/1987	0.0	NA	NA	NA	NA
Missouri	Union Electric Co.	AEE	C-ER-87-114	Electric	Vertically Integrated	4/24/1987	30.0	10.42	13.50	41.11	3,840.10
Louisiana	Entergy Gulf States LA LLC	ETR	D-U-17282	Electric	Vertically Integrated	7/25/1986	194.3	12.60	15.25	40.00	2,295.00
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-101-E	Electric	Vertically Integrated	6/1/1987	10.3	NA	12.50	58.48	291.10
California	Southern California Edison Co.	EIX	AP-8612047 De-8712066	Electric	Vertically Integrated	12/26/1986	59.0	11.23	13.75	46.00	NA
Wisconsin	Wisconsin Electric Power Co.	WEC	D-6630-UR-101-E	Electric	Vertically Integrated	5/1/1987	33.1	11.58	14.00	50.52	1,693.80
New York	NY State Electric & Gas Corp.	IBE	C-29541,42	Electric	Vertically Integrated	2/23/1987	37.2	11.11	13.70	35.63	3,032.00
Ohio	Ohio Edison Co.	FE	C-87-689-EL-AIR	Electric	Vertically Integrated	6/8/1987	152.0	11.95	13.90	43.79	3,032.70
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-102-E	Electric	Vertically Integrated	6/19/1987	1.1	11.56	13.30	49.61	523.70
Connecticut	The CT Light & Power Co	ES	D-87-07-01-E	Electric	Vertically Integrated	8/8/1987	6.8	11.19	14.75	39.86	2,570.20
Minnesota	Minnesota Power Entrprs Inc.	ALE	D-E-015-GR-87-223	Electric	Vertically Integrated	5/1/1987	7.9	9.82	12.75	39.48	551.10
Pennsylvania	Duquesne Light Co.		C-R-870657	Electric	Vertically Integrated	6/26/1987	292.7	12.00	15.50	40.20	3,051.60
North Dakota	Northern States Power Co.	XEL	C-10, 979	Electric	Vertically Integrated	7/31/1987	4.0	10.19	12.80	45.25	NA
Texas	El Paso Electric Co.		D-7640	Electric	Vertically Integrated	4/6/1987	76.5	11.01	13.25	43.51	514.30
Arizona	Arizona Public Service Co.	PNW	D-U-1345-85-367	Electric	Vertically Integrated	12/18/1985	183.4	10.94	13.50	41.01	3,311.20
Virginia	Virginia Electric & Power Co.	D	C-PUE 870014	Electric	Vertically Integrated	4/7/1987	1.6	9.74	14.00	34.61	5,905.00
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-87-2	Electric	Vertically Integrated	6/25/1987	(5.0)	NA	NA	NA	NA
Pennsylvania	Pennsylvania Power Co.	FE	D-R-870732	Electric	Vertically Integrated	8/5/1987	88.3	11.83	14.75	37.40	694.40
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-102-E	Electric	Vertically Integrated	10/9/1987	5.9	11.51	14.00	47.90	219.80
Texas	Entergy Texas Inc.	ETR	D-7195, 6755	Electric	Vertically Integrated	11/18/1986	359.9	12.33	15.25	34.80	2,141.90
Massachusetts	Western Massachusetts Electric	ES	DPU-87-260	Electric	Vertically Integrated	12/17/1987	22.5	10.71	14.75	35.09	512.30
Kentucky	Louisville Gas & Electric Co.	PPL	C-10064 (elec.)	Electric	Vertically Integrated	11/20/1987	37.8	10.58	14.00	44.43	1,211.00
New York	Rochester Gas & Electric Co	IBE	C-29674,5	Electric	Vertically Integrated	8/21/1987	1.2	10.58	14.00	35.35	NA
North Carolina	Duke Energy Progress LLC	DUK	D-E-2, SUB 537	Electric	Vertically Integrated	9/10/1987	203.0	10.83	13.50	45.00	3,830.80
Minnesota	Northern States Power Co.	XEL	D-E-002-GR-87-670	Electric	Vertically Integrated	11/2/1987	97.3	10.19	12.81	45.25	2,349.20
South Carolina	Duke Energy Progress LLC	DUK	D-88-11-E	Electric	Vertically Integrated	3/1/1988	47.8	10.89	13.50	45.20	864.60
New York	Niagara Mohawk Power Corp.	NG.	C-29670,71	Electric	Vertically Integrated	8/11/1987	119.5	11.08	14.25	35.86	NA
Texas	Texas-New Mexico Power Co.	PNM	D-8095	Electric	Vertically Integrated	4/29/1988	12.6	12.20	14.75	48.09	212.30
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-103-E	Electric	Vertically Integrated	2/29/1988	12.0	10.84	13.25	47.23	624.50
California	San Diego Gas & Electric Co.	SRE	AP-8712003 De-8812085-E	Electric	Vertically Integrated	12/1/1987	(57.3)	11.15	13.25	51.00	2,178.50
Vermont	Green Mountain Power Corp.		D-5282	Electric	Vertically Integrated	5/20/1988	0.0	NA	NA	NA	NA
District of Columbi	Potomac Electric Power Co.	EXC	C-869 0-9216	Electric	Vertically Integrated	1/4/1988	33.4	10.43	14.00	41.30	1,036.50
Connecticut	The CT Light & Power Co	ES	D-88-05-25-E	Electric	Vertically Integrated	7/1/1988	94.4	10.70	13.50	36.95	3,082.90
Michigan	DTE Electric Co.	DTE	C-U-8789	Electric	Vertically Integrated	6/10/1987	298.0	10.20	14.00	33.58	8,538.00
Wisconsin	Wisconsin Electric Power Co.	WEC	D-6630-UR-102	Electric	Vertically Integrated	5/2/1988	(11.0)	11.61	13.50	53.68	1,725.00
Illinois	Commonwealth Edison Co.	EXC	D-87-0427, 88-0189	Electric	Vertically Integrated	8/21/1987	1,372.5	11.81	14.00	44.72	NA
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-103-E	Electric	Vertically Integrated	4/15/1988	6.0	11.56	13.30	52.82	520.90
Massachusetts	Commonwealth Electric Co.		DPU-88-135/151	Electric	Vertically Integrated	7/15/1988	23.3	11.74	14.65	51.20	195.70
Maryland	Potomac Electric Power Co.	EXC	C-8162 0-68354	Electric	Vertically Integrated	11/30/1988	39.6	10.71	14.25	42.20	NA
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-87-6	Electric	Vertically Integrated	12/31/1987	(14.0)	10.39	13.14	38.69	490.90
Louisiana	Entergy Louisiana LLC	ETR	D-U-17906	Electric	Vertically Integrated	2/19/1988	107.4	11.41	13.50	40.00	3,140.20
New York	NY State Electric & Gas Corp.	IBE	C-88-E-075	Electric	Vertically Integrated	4/11/1988	0.0	NA	NA	NA	NA
Illinois	Ameren Illinois	AEE	D-87-0695 (IP)	Electric	Vertically Integrated	11/19/1987	430.0	10.27	12.00	41.79	4,359.40
New York	Long Island Lighting Co		C-88-E-084	Electric	Vertically Integrated	12/2/1988	97.7	NA	NA	NA	NA
New York	Central Hudson Gas & Electric	FTS	C-88-E-077	Electric	Vertically Integrated	4/15/1988	(3.0)	10.63	13.80	37.25	NA
Texas	El Paso Electric Co.		D-8363	Electric	Vertically Integrated	10/13/1988	38.3	11.51	14.00	46.62	488.00
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-88-10	Electric	Vertically Integrated	8/5/1988	36.1	11.10	14.25	47.01	627.00
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-103-E	Electric	Vertically Integrated	9/30/1988	7.5	11.73	13.75	47.63	234.30
South Carolina	Dominion Energy South Carolina	D	D-88-681-E O-89-588	Electric	Vertically Integrated	1/3/1989	27.2	10.62	13.25	46.31	1,640.10
Massachusetts	Western Massachusetts Electric	ES	DPU-88-250	Electric	Vertically Integrated	12/16/1988	28.2	10.60	13.75	36.58	589.10
Montana	NorthWestern Corp.	NWE	D-88.6.15 (elec)	Electric	Vertically Integrated	6/30/1988	5.1	10.44	12.50	44.00	838.00

Georgia	Georgia Power Co.	SO	D-3840-U	Electric	Vertically Integrated	4/3/1989	413.3	11.26	13.25	40.40	8,276.60
Arizona	Tucson Electric Power Co.	FTS	D-U-1933 De-56659	Electric	Vertically Integrated	11/10/1988	122.1	10.41	14.25	44.69	859.10
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-104-E	Electric	Vertically Integrated	12/30/1988	12.1	10.48	13.10	49.47	630.00
Maryland	Baltimore Gas and Electric Co.	EXC	C-8208 0-68648-E	Electric	Vertically Integrated	5/22/1989	113.7	10.77	14.25	45.00	3,503.30
California	Pacific Gas and Electric Co.	PCG	AP-8812005 De-8912057-E	Electric	Vertically Integrated	12/5/1988	195.5	11.04	13.00	46.75	NA
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-104-E	Electric	Vertically Integrated	3/31/1989	2.4	NA	13.30	53.59	NA
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-103-E	Electric	Vertically Integrated	6/1/1989	9.7	11.48	12.50	56.17	366.40
Rhode Island	Narragansett Electric Co.	NG.	D-1938	Electric	Vertically Integrated	6/1/1989	15.5	11.14	14.00	44.56	NA
Florida	Florida Power & Light Co.	NEE	D-890319-EI	Electric	Vertically Integrated	12/19/1989	0.0	NA	NA	NA	NA
Wisconsin	Wisconsin Electric Power Co.	WEC	D-6630-UR-103	Electric	Vertically Integrated	5/1/1989	3.8	11.63	13.75	54.31	1,718.00
Washington	Puget Sound Energy Inc.		Ca-U-89-2688	Electric	Vertically Integrated	2/17/1989	66.6	10.55	13.75	42.50	1,948.80
Vermont	Green Mountain Power Corp.		D-5370	Electric	Vertically Integrated	7/14/1989	11.7	11.32	12.90	50.50	NA
Utah	PacifiCorp	BRK.A	D-89-035-10	Electric	Vertically Integrated	6/26/1989	NA	NA	13.10	NA	NA
Texas	Texas-New Mexico Power Co.	PNM	D-8928	Electric	Vertically Integrated	7/18/1989	16.1	12.22	14.60	48.34	232.00
Massachusetts	Massachusetts Electric Co.	NG.	DPU-88-194	Electric	Vertically Integrated	9/15/1989	51.8	10.18	14.00	41.35	631.00
Indiana	Duke Energy Indiana, LLC	DUK	Ca-37809	Electric	Vertically Integrated	3/31/1989	0.0	11.30	18.30	33.00	1,567.50
New Mexico	Public Service Co. of NM	PNM	C-2262	Electric	Vertically Integrated	6/12/1989	39.5	10.43	13.60	44.33	890.40
Pennsylvania	PECO Energy Co.	EXC	C-R-891364	Electric	Vertically Integrated	7/21/1989	548.6	11.80	14.34	36.20	9,571.90
New York	Central Hudson Gas & Electric	FTS	C-89-E-107	Electric	Vertically Integrated	5/26/1989	15.0	10.31	12.75	38.90	756.40
Rhode Island	Narragansett Electric Co.	NG.	D-1946	Electric	Vertically Integrated	11/17/1989	4.9	11.55	13.03	41.89	NA
Vermont	Central Vermont Public Service		D-5372	Electric	Vertically Integrated	8/15/1989	23.4	11.10	12.75	48.92	254.40
Washington	Avista Corp.	AVA	Ca-UE-90-0093	Electric	Vertically Integrated	1/29/1990	7.8	NA	NA	NA	NA
Illinois	Ameren Illinois	AEE	D-89-0276 (IP)	Electric	Vertically Integrated	7/13/1989	215.8	10.52	12.54	43.00	3,554.70
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-104 (elec)	Electric	Vertically Integrated	9/29/1989	3.3	11.50	13.25	51.63	242.30
Texas	CenterPoint Energy Houston	CNP	D-8425	Electric	Vertically Integrated	11/23/1988	432.5	11.23	14.30	45.70	6,367.60
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-105 (elec)	Electric	Vertically Integrated	12/29/1989	5.9	10.28	13.10	49.61	NA
Massachusetts	Western Massachusetts Electric	ES	DPU-89-255	Electric	Vertically Integrated	12/15/1989	33.7	10.79	14.00	37.61	682.80
New York	Rochester Gas & Electric Co	IBE	C-89-E-166,67	Electric	Vertically Integrated	8/15/1989	40.0	10.28	13.00	40.72	1,161.20
District of Columbi	Potomac Electric Power Co.	EXC	FC-889	Electric	Vertically Integrated	9/1/1989	33.4	10.43	13.80	42.48	1,158.20
Florida	Gulf Power Co.	NEE	D-891345-EI	Electric	Vertically Integrated	12/15/1989	26.3	8.34	13.00	31.79	923.60
Ohio	Ohio Edison Co.	FE	C-89-1001-EL-AIR	Electric	Vertically Integrated	8/1/1989	248.4	11.68	14.32	43.53	4,183.60
Texas	El Paso Electric Co.		D-9165	Electric	Vertically Integrated	11/27/1989	30.0	11.22	13.50	42.79	488.90
Indiana	Indiana Michigan Power Co.	AEP	Ca-38728	Electric	Vertically Integrated	7/10/1989	60.0	8.97	13.50	33.30	1,901.10
New York	Orange & Rockland Utlts Inc.	ED	C-89-E-175	Electric	Vertically Integrated	8/24/1989	16.6	11.17	13.96	47.08	513.60
Kentucky	Duke Energy Kentucky Inc.	DUK	C-90-041 (elec)	Electric	Vertically Integrated	4/2/1990	9.1	11.80	14.50	52.69	80.20
Missouri	Evergy Missouri West	EVRG	C-ER-90-101	Electric	Vertically Integrated	11/17/1989	32.6	11.63	13.75	49.07	420.50
Texas	AEP Texas Central Co.	AEP	D-8646	Electric	Vertically Integrated	2/15/1989	154.0	11.54	14.00	41.44	NA
Iowa	Interstate Power & Light Co.	LNT	D-RPU-89-9	Electric	Vertically Integrated	12/27/1989	37.4	10.49	12.80	47.54	510.80
New Jersey	Jersey Cntrl Power & Light Co.	FE	D-ER-110912J	Electric	Vertically Integrated	11/17/1989	173.3	9.77	13.25	43.02	2,270.60
Pennsylvania	West Penn Power Co.	FE	C-R-901609	Electric	Vertically Integrated	3/15/1990	63.9	10.46	13.80	45.40	1,322.40
Maryland	Baltimore Gas and Electric Co.	EXC	C-8278	Electric	Vertically Integrated	5/21/1990	191.9	10.01	13.00	43.06	4,060.20
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-105 (elec)	Electric	Vertically Integrated	3/30/1990	14.6	11.63	13.60	50.69	543.50
South Dakota	Northern States Power Co.	XEL	D-EL-90-013	Electric	Vertically Integrated	6/26/1990	5.0	10.24	13.25	47.43	NA
Rhode Island	Narragansett Electric Co.	NG.	D-1976	Electric	Vertically Integrated	7/3/1990	18.7	10.96	13.50	45.70	NA
Kentucky	Louisville Gas & Electric Co.	PPL	C-90-158 (elec)	Electric	Vertically Integrated	6/29/1990	31.0	9.91	13.50	44.00	1,304.90
Mississippi	Mississippi Power Co.	SO	C-90-UN-0287	Electric	Vertically Integrated	8/31/1990	14.2	NA	13.25	NA	NA
Wisconsin	Wisconsin Electric Power Co.	WEC	D-6630-UR-104	Electric	Vertically Integrated	5/1/1990	65.0	11.59	13.75	53.63	1,840.30
Vermont	Green Mountain Power Corp.		D-5428	Electric	Vertically Integrated	4/20/1990	13.4	11.19	13.00	47.00	159.50
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-104	Electric	Vertically Integrated	6/1/1990	7.8	11.84	12.75	56.95	389.00
New York	NY State Electric & Gas Corp.	IBE	C-90-E-0138,9	Electric	Vertically Integrated	2/27/1990	79.0	10.73	13.00	41.63	3,065.50
Oregon	Portland General Electric Co.	POR	D-UE-79	Electric	Vertically Integrated	3/22/1990	80.7	11.10	13.50	46.00	1,575.40
Texas	Texas-New Mexico Power Co.	PNM	D-9491	Electric	Vertically Integrated	4/11/1990	54.9	11.11	13.50	33.18	575.90
Michigan	Indiana Michigan Power Co.	AEP	C-U-9656	Electric	Vertically Integrated	6/18/1990	15.8	9.78	13.75	36.68	NA
North Carolina	Virginia Electric & Power Co.	D	D-E-22,SUB314	Electric	Vertically Integrated	5/31/1990	16.3	10.53	13.25	40.62	333.40
Iowa	Interstate Power & Light Co.	LNT	D-RPU-90-8	Electric	Vertically Integrated	8/24/1990	3.1	11.01	13.50	50.10	202.00
Hawaii	Hawaii Electric Light Co	HE	D-6432	Electric	Vertically Integrated	7/19/1989	9.9	10.86	14.00	43.71	130.20
Maine	Central Maine Power Co.	IBE	D-90-076	Electric	Vertically Integrated	5/29/1990	64.5	11.06	13.50	42.57	1,075.40
Illinois	Commonwealth Edison Co.	EXC	D-90-0169	Electric	Vertically Integrated	4/12/1990	1,231.0	11.70	14.30	42.46	15,963.40
Virginia	Virginia Electric & Power Co.	D	C-PUE-900023	Electric	Vertically Integrated	3/30/1990	98.4	10.49	13.25	38.53	6,683.30
Michigan	Consumers Energy Co.	CMS	C-U-9346	Electric	Vertically Integrated	10/9/1989	230.8	9.62	14.50	34.88	4,293.20
Virginia	Appalachian Power Co.	AEP	C-PUE-900026	Electric	Vertically Integrated	3/30/1990	43.3	10.87	13.50	43.55	975.60
Maryland	Potomac Electric Power Co.	EXC	C-8315	Electric	Vertically Integrated	11/1/1990	38.0	10.55	13.90	41.77	1,455.00
West Virginia	Monongahela Power Co.	FE	C-90-504-E-42T	Electric	Vertically Integrated	7/31/1990	32.0	10.67	13.70	44.85	717.50
New York	Rochester Gas & Electric Co	IBE	C-90-E-647,8	Electric	Vertically Integrated	8/3/1990	39.8	10.26	12.75	41.01	1,193.60
New York	Niagara Mohawk Power Corp.	NG.	C-89-E-152,3	Electric	Vertically Integrated	8/4/1989	317.0	10.96	14.20	34.80	NA
Massachusetts	Commonwealth Electric Co.		DPU-90-31	Electric	Vertically Integrated	12/15/1990	17.6	11.48	13.95	49.10	NA
New Jersey	Atlantic City Electric Co.	EXC	D-ER-90091090J	Electric	Vertically Integrated	9/27/1990	154.6	11.13	13.70	47.36	1,392.10
Montana	NorthWestern Corp.	NWE	D-D90.6.39 (elec)	Electric	Vertically Integrated	6/28/1990	51.7	10.82	13.40	44.78	863.80
Connecticut	The CT Light & Power Co	ES	D-90-12-03	Electric	Vertically Integrated	1/7/1991	200.0	10.30	13.30	37.69	3,172.20
Texas	Oncor Electric Delivery Co.	SRE	D-9300	Electric	Vertically Integrated	1/16/1990	442.4	11.01	13.00	42.48	NA
Vermont	Central Vermont Public Service		D-5491	Electric	Vertically Integrated	2/15/1991	26.3	11.00	13.00	46.54	282.30
Georgia	Georgia Power Co.	SO	D-4007-U	Electric	Vertically Integrated	4/2/1991	384.2	11.17	13.25	42.60	8,176.50
Hawaii	Hawaiian Electric Co.	HE	D-6531	Electric	Vertically Integrated	12/6/1989	82.0	10.40	14.00	44.03	577.90
District of Columbi	Potomac Electric Power Co.	EXC	FC-905	Electric	Vertically Integrated	12/28/1990	59.7	10.46	13.50	43.08	1,326.70
Texas	CenterPoint Energy Houston	CNP	D-9850	Electric	Vertically Integrated	11/9/1990	487.5	10.79	13.25	43.56	7,924.10
North Dakota	Northern States Power Co.	XEL	C-PU-400-91-112	Electric	Vertically Integrated	3/8/1991	6.6	10.34	12.75	47.75	143.70
West Virginia	Appalachian Power Co.	AEP	C-91-026E-42T	Electric	Vertically Integrated	1/4/1991	46.7	11.04	14.00	43.20	956.00
South Carolina	Duke Energy Carolinas LLC	DUK	D-91-216E	Electric	Vertically Integrated	5/17/1991	68.0	10.87	13.17	49.82	1,835.00
North Carolina	Duke Energy Carolinas LLC	DUK	D-E-7,SUB487	Electric	Vertically Integrated	4/12/1991	150.0	10.87	13.17	49.82	4,618.50
Texas	El Paso Electric Co.		D-9945	Electric	Vertically Integrated	12/28/1990	131.0	11.20	13.50	37.73	828.70
Maryland	The Potomac Edison Co.	FE	C-8341	Electric	Vertically Integrated	4/30/1991	22.0	10.45	13.50	44.40	503.30
New York	Long Island Lighting Co		C-90-E-1185	Electric	Vertically Integrated	12/28/1990	73.4	10.96	12.20	28.70	NA
Nevada	Nevada Power Co.	BRK.A	D-91-5055	Electric	Vertically Integrated	5/16/1991	25.6	10.02	13.25	39.36	886.20
Minnesota	Northern States Power Co.	XEL	D-E-002-GR-91-1	Electric	Vertically Integrated	1/28/1991	83.4	10.35	12.75	47.75	2,228.10
Maine	Versant Power		D-91-010	Electric	Vertically Integrated	3/20/1991	15.7	11.34	13.50	40.70	140.10
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-105 (elec)	Electric	Vertically Integrated	5/31/1991	8.2	11.75	12.75	56.31	395.00
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-106 (elec)	Electric	Vertically Integrated	4/1/1991	10.2	11.64	13.10	52.19	560.20
California	Southern California Edison Co.	EIX	AP-9012018 De-9112076	Electric	Vertically Integrated	12/7/1990	180.0	10.59	12.65	46.00	11,169.10
Wisconsin	Wisconsin Electric Power Co.	WEC	D-6630-UR-105	Electric	Vertically Integrated	5/1/1991	93.3	11.89	13.75	52.55	1,952.30
Virginia	The Potomac Edison Co.	FE	C-PUE-910020	Electric	Vertically Integrated	3/26/1991	6.6	10.45	13.25	41.50	NA
New Jersey	Rockland Electric Company	ED	D-ER-9103036J	Electric	Vertically Integrated	3/18/1991	12.9	10.69	13.10	44.86	NA
Ohio	AES Ohio	AES	C-91-414-EL-AIR	Electric	Vertically Integrated	4/2/1991	201.0	11.67	14.50	49.49	2,086.00
Maryland	Delmarva Power & Light Co.	EXC	C-8352	Electric	Vertically Integrated	7/1/1991	16.7	11.27	13.30	39.00	NA
Nevada	Sierra Pacific Power Co.	BRK.A	D-91-7079	Electric	Vertically Integrated	7/26/1991	11.7	10.20	12.74	43.46	676.30
Illinois	Ameren Illinois	AEE	D-91-0147 (IP)	Electric	Vertically Integrated	3/19/1991	182.5	10.76	13.69	39.92	3,543.80
Delaware	Delmarva Power & Light Co.	EXC	D-91-20	Electric	Vertically Integrated	5/31/1991	24.6	10.19	13.00	42.86	808.30
Rhode Island	Narragansett Electric Co.	NG.	D-2016	Electric	Vertically Integrated	6/17/1991	5.1	10.79	12.70	42.05	65.10
Illinois	Ameren Illinois	AEE	D-91-0193 (elec) (CIPS)	Electric	Vertically Integrated	4/24/1991	25.9	10.42	13.50	46.98	1,013.70
Vermont	Green Mountain Power Corp.		D-5532	Electric	Vertically Integrated	7/19/1991	11.7	11.27	13.00	49.48	164.50
New York	Central Hudson Gas & Electric	FTS	C-91-E-0506	Electric	Vertically Integrated	5/17/1991	30.3	9.90	12.50	41.48	801.90
Rhode Island	Narragansett Electric Co.	NG.	D-2019	Electric	Vertically Integrated	7/12/1991	9.0	10.42	12.50	48.11	288.30
New York	Consolidated Edison Co. of NY	ED	C-91-E-0462	Electric	Vertically Integrated	5/3/1991	392.5	10.25	13.00	50.00	7,802.40
Kentucky	Duke Energy Kentucky Inc.	DUK	C-91-370	Electric	Vertically Integrated	11/4/1991	29.7	11.42	14.00	49.58	95.60
Ohio	Duke Energy Ohio Inc.	DUK	C-91-410-EL-AIR	Electric	Vertically Integrated	4/2/1991	204.8	10.83	13.02	43.10	2,695.30
Ohio	Columbus Southern Power Co.	AEP	C-91-418-EL-AIR	Electric	Vertically Integrated	4/2/1991	205.6	10.81	13.50	43.43	1,773.80

Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-91-6	Electric	Vertically Integrated	10/25/1991	0.0	10.22	13.00	40.86	447.00
Minnesota	Interstate Power & Light Co.	LNT	D-E-001-GR-91-605	Electric	Vertically Integrated	8/15/1991	8.1	10.05	12.90	42.63	79.10
District of Columbi	Potomac Electric Power Co.	EXC	FC-912	Electric	Vertically Integrated	12/5/1991	51.3	10.26	13.00	44.68	1,459.20
New York	Rochester Gas & Electric Co	IBE	C-91-E-765,6	Electric	Vertically Integrated	8/2/1991	38.2	10.01	12.50	42.27	1,253.40
Hawaii	Hawaiian Electric Co.	HE	D-6998	Electric	Vertically Integrated	7/29/1991	137.9	10.30	13.50	47.22	626.80
Iowa	Interstate Power & Light Co.	LNT	D-RPU-91-7	Electric	Vertically Integrated	8/15/1991	16.4	10.07	12.90	43.57	294.00
Iowa	Interstate Power & Light Co.	LNT	D-RPU-91-8	Electric	Vertically Integrated	9/16/1991	(4.0)	11.44	14.50	50.62	190.40
New York	NY State Electric & Gas Corp.	IBE	C-91-E-0863,4	Electric	Vertically Integrated	8/28/1991	99.1	10.17	11.17	44.60	3,167.80
Iowa	Interstate Power & Light Co.	LNT	D-RPU-91-9	Electric	Vertically Integrated	10/1/1991	14.3	10.44	12.40	48.29	557.50
Nevada	Nevada Power Co.	BRK.A	D-92-1067	Electric	Vertically Integrated	1/30/1992	25.6	10.08	12.75	42.87	1,005.30
Florida	Duke Energy Florida LLC	DUK	D-910890-EI	Electric	Vertically Integrated	1/31/1992	147.5	9.30	13.60	37.74	3,198.80
Rhode Island	Narragansett Electric Co.	NG.	D-2036	Electric	Vertically Integrated	12/27/1991	6.1	10.97	12.70	40.00	NA
Massachusetts	Massachusetts Electric Co.	NG.	DPU-92-78	Electric	Vertically Integrated	3/15/1992	65.7	10.37	12.50	51.64	736.30
Hawaii	Hawaii Electric Light Co	HE	D-6999	Electric	Vertically Integrated	7/31/1991	7.1	10.53	13.25	48.86	154.90
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-92-2	Electric	Vertically Integrated	3/17/1992	43.4	10.53	12.75	49.10	718.60
Texas	Texas-New Mexico Power Co.	PNM	D-10200	Electric	Vertically Integrated	4/11/1991	35.8	10.80	13.20	22.00	836.80
Massachusetts	NSTAR Electric Co.	ES	DPU-92-92	Electric	Vertically Integrated	4/15/1992	98.0	10.82	13.00	38.63	NA
Tennessee	Kingsport Power Company	AEP	D-92-04425	Electric	Vertically Integrated	5/26/1992	5.5	11.26	12.60	46.06	NA
California	San Diego Gas & Electric Co.	SRE	AP-9111024 De-9212019 (elec)	Electric	Vertically Integrated	11/15/1991	48.0	9.94	11.85	49.50	2,394.00
North Dakota	Northern States Power Co.	XEL	C-PU-400-92-399	Electric	Vertically Integrated	5/1/1992	7.1	10.09	12.50	48.52	154.20
California	Pacific Gas and Electric Co.	PCG	AP-9111036 De-9212057 (elec)	Electric	Vertically Integrated	11/26/1991	393.0	10.13	11.90	46.75	9,173.00
Connecticut	The United Illuminating Co.	IBE	D-92-06-05	Electric	Vertically Integrated	7/6/1992	78.3	10.75	12.90	30.09	NA
Florida	Tampa Electric Co.	EMA	D-920324-EI	Electric	Vertically Integrated	5/22/1992	89.8	9.38	13.75	44.14	2,039.00
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-107 (elec)	Electric	Vertically Integrated	3/31/1992	13.8	11.54	12.90	53.08	578.20
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-107 (elec)	Electric	Vertically Integrated	12/30/1991	0.0	10.57	13.10	48.60	714.80
Virginia	Virginia Electric & Power Co.	D	C-PUE-910047	Electric	Vertically Integrated	8/1/1991	158.9	10.32	13.00	40.62	6,562.60
New Jersey	Public Service Electric Gas	PEG	D-ER-91111698J	Electric	Vertically Integrated	11/14/1991	476.3	10.55	13.00	46.90	7,997.10
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-92-5 (elec)	Electric	Vertically Integrated	4/21/1992	20.1	10.32	13.20	45.60	NA
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-106 (elec)	Electric	Vertically Integrated	6/1/1992	10.8	11.47	12.60	57.32	401.20
Pennsylvania	Metropolitan Edison Co.	FE	C-R-922314	Electric	Vertically Integrated	4/24/1992	67.2	10.82	13.50	48.03	1,237.40
New York	Niagara Mohawk Power Corp.	NG.	C-92-E-0108,9	Electric	Vertically Integrated	1/31/1992	137.1	10.07	12.00	36.12	NA
Wisconsin	Wisconsin Electric Power Co.	WEC	D-6630-UR-106	Electric	Vertically Integrated	5/1/1992	69.6	12.20	13.50	50.86	2,112.00
Maryland	The Potomac Edison Co.	FE	C-8649	Electric	Vertically Integrated	7/29/1992	17.6	10.06	12.75	43.82	537.40
North Carolina	Virginia Electric & Power Co.	D	D-E-22,SUB333	Electric	Vertically Integrated	7/31/1992	17.4	10.07	13.00	44.10	367.80
New Jersey	Jersey Cntrl Power & Light Co.	FE	D-ER-91121820J	Electric	Vertically Integrated	12/20/1991	209.2	10.85	13.30	48.48	2,608.20
Maryland	Baltimore Gas and Electric Co.	EXC	C-8487(elec)	Electric	Vertically Integrated	9/25/1992	159.8	9.89	12.87	44.55	4,428.20
Michigan	Upper Peninsula Power Co.		C-U-10094	Electric	Vertically Integrated	5/14/1992	6.3	9.75	13.35	38.96	83.10
Pennsylvania	West Penn Power Co.	FE	C-R-922378	Electric	Vertically Integrated	8/18/1992	86.0	10.30	12.90	44.50	1,620.40
South Carolina	Dominion Energy South Carolina	D	D-92-619-E	Electric	Vertically Integrated	12/7/1992	76.3	10.02	12.05	47.84	2,091.00
Massachusetts	Cambridge Electric Light Co		DPU-92-250	Electric	Vertically Integrated	11/16/1992	10.2	10.60	12.25	50.00	87.00
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-106 (elec)	Electric	Vertically Integrated	10/26/1992	(2.7)	11.18	12.50	50.34	NA
Connecticut	The CT Light & Power Co	ES	D-92-11-11	Electric	Vertically Integrated	12/11/1992	369.0	9.94	12.90	46.10	3,626.10
North Carolina	Nantahala Power & Light Compan		D-E-13,SUB157	Electric	Vertically Integrated	11/20/1992	5.3	10.88	13.00	55.51	NA
Missouri	Evergy Missouri West	EVRG	C-ER-93-42	Electric	Vertically Integrated	8/7/1992	3.1	11.14	12.78	57.93	119.00
Illinois	MidAmerican Energy Co.	BRK.A	D-92-0357(elec)	Electric	Vertically Integrated	9/1/1992	14.9	10.42	13.00	48.51	239.80
Arizona	UNS Electric Inc.	FTS	D-E-1032-92-073	Electric	Vertically Integrated	3/12/1992	7.8	10.24	12.00	61.30	75.10
New York	Rochester Gas & Electric Co	IBE	C-92-E-0739,40	Electric	Vertically Integrated	7/31/1992	29.5	9.55	11.75	42.06	1,286.00
Washington	Puget Sound Energy Inc.		D-UE-92-1262	Electric	Vertically Integrated	10/30/1992	101.2	9.82	12.25	45.00	2,052.10
Minnesota	Northern States Power Co.	XEL	D-E-002-GR-92-1185	Electric	Vertically Integrated	11/2/1992	112.3	10.10	12.50	48.39	2,376.60
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-108 (elec)	Electric	Vertically Integrated	1/4/1993	20.5	10.12	12.60	50.88	732.80
New York	NY State Electric & Gas Corp.	IBE	C-92-E-1084,5	Electric	Vertically Integrated	11/20/1992	56.5	9.61	11.40	44.28	3,183.10
Indiana	Indiana Michigan Power Co.	AEP	Ca-39314	Electric	Vertically Integrated	4/27/1992	44.8	9.04	12.60	35.30	1,806.60
Colorado	Public Service Co. of CO	XEL	D-93S-001E	Electric	Vertically Integrated	1/20/1993	47.4	10.50	13.00	49.30	1,726.40
Maine	Central Maine Power Co.	IBE	D-92-345	Electric	Vertically Integrated	3/1/1993	83.4	9.85	12.00	45.90	1,213.20
New York	Central Hudson Gas & Electric	FTS	C-92-E-1055	Electric	Vertically Integrated	11/12/1992	30.0	9.15	11.75	44.28	798.20
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-108 (elec)	Electric	Vertically Integrated	3/31/1993	(20.2)	10.96	11.40	56.36	580.10
Mississippi	Mississippi Power Co.	SO	C-93-UA-0302	Electric	Vertically Integrated	7/21/1993	NA	NA	NA	NA	NA
Arizona	Tucson Electric Power Co.	FTS	D-U-1933-93-006	Electric	Vertically Integrated	1/5/1993	49.0	9.17	12.50	44.07	1,121.20
Michigan	DTE Electric Co.	DTE	C-U-10102	Electric	Vertically Integrated	7/1/1992	113.0	8.32	12.50	35.10	9,211.80
Texas	Oncor Electric Delivery Co.	SRE	D-11735	Electric	Vertically Integrated	1/22/1993	760.3	10.47	12.50	41.52	14,529.00
Virginia	Virginia Electric & Power Co.	D	C-PUE-920041	Electric	Vertically Integrated	5/29/1992	289.9	9.57	12.25	43.38	6,972.00
Maine	Versant Power		D-93-062	Electric	Vertically Integrated	5/17/1993	18.3	10.04	12.20	42.02	188.50
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-93-4	Electric	Vertically Integrated	5/3/1993	14.7	10.60	12.50	48.60	NA
Oklahoma	Oklahoma Gas and Electric Co.	OGE	Ca-PUD-90000898-etal	Electric	Vertically Integrated	3/6/1991	7.9	10.10	12.00	49.00	1,548.30
Mississippi	Entergy Mississippi LLC	ETR	C-U-0301	Electric	Vertically Integrated	11/1/1993	0.0	9.36	12.42	36.42	885.20
District of Columbi	Potomac Electric Power Co.	EXC	FC-929	Electric	Vertically Integrated	6/4/1993	77.6	9.46	11.80	46.12	1,567.20
Montana	NorthWestern Corp.	NWE	D-D93.6.24 (elec)	Electric	Vertically Integrated	6/22/1993	28.0	9.64	12.25	44.12	902.60
Michigan	Consumers Energy Co.	CMS	C-U-10335	Electric	Vertically Integrated	5/10/1993	129.3	7.88	12.50	30.78	3,250.30
Vermont	Green Mountain Power Corp.		D-5695	Electric	Vertically Integrated	10/1/1993	11.1	10.20	12.00	50.30	181.20
Iowa	Interstate Power & Light Co.	LNT	D-RPU-93-6	Electric	Vertically Integrated	8/4/1993	11.4	9.80	12.35	43.55	286.80
Virginia	Appalachian Power Co.	AEP	C-PUE-920081	Electric	Vertically Integrated	12/4/1992	30.7	10.16	12.50	38.89	994.20
Hawaii	Maui Electric Company Ltd	HE	D-7000	Electric	Vertically Integrated	11/13/1991	11.4	10.31	13.00	48.68	192.00
Vermont	Central Vermont Public Service		D-5701,5724	Electric	Vertically Integrated	2/15/1994	17.9	9.35	11.50	47.78	289.30
West Virginia	Monongahela Power Co.	FE	C-94-0035-E-42T	Electric	Vertically Integrated	1/18/1994	61.2	9.77	12.25	42.77	940.30
West Virginia	The Potomac Edison Co.	FE	C-940027-E-42T	Electric	Vertically Integrated	1/14/1994	9.2	10.40	12.25	48.34	258.70
Virginia	The Potomac Edison Co.	FE	C-PUE-930033	Electric	Vertically Integrated	4/30/1993	9.3	10.24	12.50	47.98	227.40
Minnesota	Minnesota Power Entrprs Inc.	ALE	D-E-015-GR-94-1	Electric	Vertically Integrated	1/3/1994	23.2	9.77	12.50	48.61	484.20
New Mexico	Public Service Co. of NM	PNM	C-2567	Electric	Vertically Integrated	1/12/1994	(30.0)	NA	11.06	44.19	NA
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-109 (elec)	Electric	Vertically Integrated	2/4/1994	0.0	9.85	12.20	52.10	795.40
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-107 (elec)	Electric	Vertically Integrated	4/14/1994	(5.8)	10.89	11.90	53.68	223.20
Louisiana	Entergy Gulf States LA LLC	ETR	D-U-19904	Electric	Vertically Integrated	5/16/1994	46.4	10.37	12.75	42.38	NA
Pennsylvania	West Penn Power Co.	FE	D-R-942986	Electric	Vertically Integrated	3/31/1994	80.1	9.48	12.25	45.50	1,834.20
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-109 (elec)	Electric	Vertically Integrated	4/15/1994	(10.8)	11.15	11.90	55.43	573.70
Hawaii	Hawaiian Electric Co.	HE	D-7700	Electric	Vertically Integrated	7/26/1993	53.8	9.67	12.75	48.44	691.30
Illinois	Commonwealth Edison Co.	EXC	D-94-0065	Electric	Vertically Integrated	2/10/1994	461.7	9.94	12.50	38.97	12,751.20
Idaho	Idaho Power Co.	IDA	C-IPC-E-94-5	Electric	Vertically Integrated	6/30/1994	37.1	9.88	12.50	45.42	1,225.50
Hawaii	Hawaii Electric Light Co	HE	D-7764	Electric	Vertically Integrated	11/30/1993	16.4	10.11	13.10	48.10	190.10
Indiana	Duke Energy Indiana, LLC	DUK	Ca-39584,39584-S2	Electric	Vertically Integrated	8/31/1993	102.5	8.90	13.00	33.08	2,031.00
Virginia	The Potomac Edison Co.	FE	C-PUE-940045	Electric	Vertically Integrated	6/22/1994	6.6	10.33	12.75	46.15	233.30
Texas	Entergy Texas Inc.	ETR	D-12852	Electric	Vertically Integrated	3/17/1994	32.7	10.37	12.75	42.38	1,332.70
Ohio	Ohio Power Co.	AEP	C-94-996-EL-AIR	Electric	Vertically Integrated	7/6/1994	152.4	10.12	13.00	43.34	NA
Oregon	Portland General Electric Co.	POR	D-UE-88	Electric	Vertically Integrated	11/8/1993	59.0	9.54	11.50	44.30	NA
New York	Consolidated Edison Co. of NY	ED	C-94-E-0344	Electric	Vertically Integrated	4/29/1994	223.4	10.04	12.75	52.00	8,705.20
New York	Long Island Lighting Co		C-93-E-1123	Electric	Vertically Integrated	12/30/1993	0.0	9.45	11.00	30.22	6,863.20
New York	Niagara Mohawk Power Corp.	NG.	C-94-E-0098,9	Electric	Vertically Integrated	2/4/1994	89.0	9.33	11.00	42.54	NA
Iowa	Interstate Power & Light Co.	LNT	D-RPU-94-2	Electric	Vertically Integrated	7/8/1994	26.0	11.07	13.90	51.91	NA
Louisiana	Entergy Louisiana LLC	ETR	D-U-20925	Electric	Vertically Integrated	8/17/1994	21.0	10.54	12.75	41.02	2,967.70
Vermont	Green Mountain Power Corp.		D-5780	Electric	Vertically Integrated	9/26/1994	18.7	10.16	12.10	50.41	189.50
Indiana	Southern Indiana Gas & Elec Co	CNP	Ca-39871	Electric	Vertically Integrated	5/16/1994	10.5	8.14	12.75	36.60	813.60
District of Columbi	Potomac Electric Power Co.	EXC	FC-939	Electric	Vertically Integrated	9/30/1994	56.6	9.89	12.75	46.09	1,639.90
Wisconsin	Wisconsin Electric Power Co.	WEC	D-6630-UR-108	Electric	Vertically Integrated	3/27/1995	41.0	11.10	12.30	54.31	2,401.20
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-108 (elec)	Electric	Vertically Integrated	6/1/1995	(1.2)	10.46	11.80	54.97	NA
Pennsylvania	PPL Electric Utilities Corp.	PPL	C-R-943217	Electric	Vertically Integrated	12/30/1994	261.6	10.23	13.00	45.88	5,017.70
Texas	AEP Texas Central Co.	AEP	D-12820	Electric	Vertically Integrated	3/3/1994	103.0	10.26	13.00	46.30	NA
Massachusetts	Massachusetts Electric Co.	NG.	DPU-95-40	Electric	Vertically Integrated	3/15/1995	58.2	10.06	12.00	50.44	814.20

Texas	AEP Texas North Co.	AEP	D-13369,13969	Electric	Vertically Integrated	2/28/1995	14.6	11.42	12.80	55.70	NA
Ohio	Columbus Southern Power Co.	AEP	C-94-1918-EL-AIR	Electric	Vertically Integrated	1/31/1995	7.3	10.08	13.00	45.21	79.90
Rhode Island	Narragansett Electric Co.	NG.	D-2290	Electric	Vertically Integrated	3/1/1995	30.5	9.67	12.00	47.17	NA
Iowa	Interstate Power & Light Co.	LNT	D-RPU-95-1	Electric	Vertically Integrated	3/31/1995	13.1	9.76	13.25	45.42	NA
Hawaii	Hawaiian Electric Co.	HE	D-7766	Electric	Vertically Integrated	12/27/1993	28.2	10.11	13.25	48.81	800.80
California	Pacific Gas and Electric Co.	PCG	AP-9412005 De-9512055 (elec)	Electric	Vertically Integrated	12/9/1994	(128.7)	9.49	11.60	48.00	8,981.70
South Carolina	Dominion Energy South Carolina	D	D-95-1000-E	Electric	Vertically Integrated	7/10/1995	76.7	9.63	12.25	48.27	2,516.30
Michigan	Consumers Energy Co.	CMS	C-U-10685	Electric	Vertically Integrated	11/10/1994	88.5	8.43	13.00	31.69	3,366.60
Arizona	Tucson Electric Power Co.	FTS	D-U-1933-95-317	Electric	Vertically Integrated	6/13/1995	28.4	8.20	11.50	40.00	NA
Minnesota	Interstate Power & Light Co.	LNT	D-E-001-GR-95-601	Electric	Vertically Integrated	6/9/1995	4.6	9.43	12.25	41.06	73.22
Ohio	The Cleveland Electric Illumin	FE	C-95-300-EL-AIR	Electric	Vertically Integrated	4/17/1995	83.9	11.09	14.23	38.67	4,931.80
Ohio	The Toledo Edison Co.	FE	C-95-299-EL-AIR	Electric	Vertically Integrated	4/17/1995	35.2	11.09	14.23	38.67	2,192.60
Arizona	Arizona Public Service Co.	PNW	D-U-1345-95-491	Electric	Vertically Integrated	12/5/1995	(48.3)	NA	11.25	NA	NA
Vermont	Central Vermont Public Service		D-5863	Electric	Vertically Integrated	10/17/1995	31.0	9.33	11.00	51.23	NA
Montana	NorthWestern Corp.	NWE	D-D95.9.128 (elec)	Electric	Vertically Integrated	9/21/1995	34.9	9.73	12.50	44.96	NA
Vermont	Green Mountain Power Corp.		D-5857	Electric	Vertically Integrated	9/15/1995	18.3	10.28	12.25	50.16	NA
Wyoming	PacifiCorp	BRK.A	D-20000-ER-95-99	Electric	Vertically Integrated	11/8/1995	36.5	9.79	12.25	47.00	NA
New York	Rochester Gas & Electric Co	IBE	C-95-E-0673	Electric	Vertically Integrated	7/28/1995	18.6	9.52	11.75	49.70	NA
New York	Orange & Rockland Utlts Inc.	ED	C-95-E-0491,93-M-0849	Electric	Vertically Integrated	5/25/1995	(6.1)	9.17	11.20	47.13	NA
Indiana	Duke Energy Indiana, LLC	DUK	Ca-40003	Electric	Vertically Integrated	5/15/1995	104.8	8.58	11.90	41.35	2,382.00
Louisiana	Cleco Power LLC		D-U-21496	Electric	Vertically Integrated	4/27/1995	13.3	9.68	12.30	46.00	NA
North Carolina	Nantahala Power & Light Compan		D-E-13,SUB171	Electric	Vertically Integrated	8/2/1996	4.6	9.22	11.00	49.61	NA
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-109 (elec)	Electric	Vertically Integrated	3/15/1996	9.0	10.41	12.00	54.99	NA
Illinois	MidAmerican Energy Co.	BRK.A	D-96-0510	Electric	Vertically Integrated	10/15/1996	(11.7)	9.63	12.20	45.73	188.30
Connecticut	The United Illuminating Co.	IBE	D-96-03-29	Electric	Vertically Integrated	3/27/1996	NA	NA	NA	NA	NA
Arizona	UNS Electric Inc.	FTS	D-E-1032-95-433	Electric	Vertically Integrated	9/13/1995	3.1	10.35	12.50	59.20	NA
Wisconsin	Wisconsin Electric Power Co.	WEC	D-6630-UR-109 (elec)	Electric	Vertically Integrated	1/16/1996	77.0	10.64	12.50	53.40	2,486.00
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-110 (elec)	Electric	Vertically Integrated	4/1/1996	(5.0)	10.71	11.75	55.03	567.80
Texas	AEP Texas Central Co.	AEP	D-14965	Electric	Vertically Integrated	11/6/1995	70.8	9.75	12.25	45.40	3,298.20
Hawaii	Hawaii Electric Light Co	HE	D-94-0140	Electric	Vertically Integrated	3/15/1995	8.9	9.76	12.50	49.30	223.40
Hawaii	Maui Electric Company Ltd	HE	D-94-0345	Electric	Vertically Integrated	2/28/1995	5.0	9.27	11.50	49.12	228.00
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-110 (elec)	Electric	Vertically Integrated	4/1/1996	13.4	9.59	11.90	51.59	821.60
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-108 (elec)	Electric	Vertically Integrated	9/3/1996	7.7	11.24	12.00	54.08	224.00
Arkansas	Entergy Arkansas LLC	ETR	D-96-360-U	Electric	Vertically Integrated	10/24/1996	13.5	NA	12.50	NA	NA
Hawaii	Maui Electric Company Ltd	HE	D-96-0040	Electric	Vertically Integrated	5/22/1996	1.3	9.39	11.65	48.58	NA
Maine	Versant Power		D-97-116	Electric	Vertically Integrated	5/8/1997	22.8	9.88	13.60	26.72	389.30
Vermont	Green Mountain Power Corp.		D-5983	Electric	Vertically Integrated	6/16/1997	22.2	10.02	13.00	44.46	198.30
Missouri	Evergy Missouri West	EVRG	C-ER-97-394	Electric	Vertically Integrated	3/21/1997	15.4	10.33	12.50	47.31	537.60
Louisiana	Entergy Louisiana LLC	ETR	D-U-20925-E	Electric	Vertically Integrated	11/12/1996	NA	NA	NA	NA	NA
Wisconsin	Wisconsin Electric Power Co.	WEC	D-6630-UR-110 (elec.)	Electric	Vertically Integrated	9/22/1997	192.7	10.71	12.50	53.31	2,582.50
Texas	Entergy Texas Inc.	ETR	D-16705	Electric	Vertically Integrated	11/27/1996	25.0	10.20	12.75	39.85	1,270.80
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-110 (elec.)	Electric	Vertically Integrated	11/14/1997	12.7	10.33	12.00	54.97	456.00
New Mexico	Public Service Co. of NM	PNM	C-2761	Electric	Vertically Integrated	11/3/1997	4.9	9.57	12.60	50.22	944.10
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-109 (elec.)	Electric	Vertically Integrated	4/15/1998	14.6	10.92	12.50	52.04	249.00
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-111 (elec.)	Electric	Vertically Integrated	4/1/1998	36.2	10.77	11.80	54.22	673.60
Connecticut	The CT Light & Power Co	ES	D-98-01-02	Electric	Vertically Integrated	6/1/1998	(51.9)	8.53	11.40	34.39	3,040.80
Utah	PacifiCorp	BRK.A	D-97-035-01	Electric	Vertically Integrated	2/12/1997	(31.4)	9.20	11.25	47.60	2,302.20
Hawaii	Maui Electric Company Ltd	HE	D-97-0346	Electric	Vertically Integrated	1/9/1998	16.4	9.72	12.75	48.84	310.80
Idaho	Avista Corp.	AVA	C-WWP-E-98-11	Electric	Vertically Integrated	12/18/1998	14.2	9.45	12.00	37.42	361.20
Arkansas	Southwestern Electric Power Co	AEP	D-98-339-U	Electric	Vertically Integrated	5/24/1999	(7.8)	6.72	10.50	33.70	NA
Louisiana	Southwestern Electric Power Co	AEP	D-U-23029	Electric	Vertically Integrated	12/17/1997	(7.0)	NA	11.25	NA	NA
Kentucky	Kentucky Utilities Co.	PPL	C-98-474	Electric	Vertically Integrated	10/12/1998	14.9	9.37	12.50	51.43	1,092.70
Kentucky	Louisville Gas & Electric Co.	PPL	C-98-426	Electric	Vertically Integrated	10/28/1998	7.9	8.65	12.50	48.82	1,289.90
California	Pacific Gas and Electric Co.	PCG	AP-9712020 De-0002046 (elec.)	Electric	Vertically Integrated	12/12/1997	445.0	9.17	11.20	48.00	7,045.40
Wyoming	PacifiCorp	BRK.A	D-20000-ER-99-145	Electric	Vertically Integrated	7/26/1999	40.6	9.09	11.25	48.80	910.30
Utah	PacifiCorp	BRK.A	D-99-035-10	Electric	Vertically Integrated	9/20/1999	67.0	9.15	11.25	48.80	NA
Wisconsin	Wisconsin Electric Power Co.	WEC	D-6630-UR-111 (elec.)	Electric	Vertically Integrated	9/17/1999	93.9	10.46	12.20	53.14	NA
Washington	Avista Corp.	AVA	D-UE-99-1606	Electric	Vertically Integrated	10/22/1999	18.2	9.97	12.25	47.00	635.80
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-110 (elec.)	Electric	Vertically Integrated	4/17/2000	9.6	10.56	12.90	50.17	312.40
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-112 (elec.)	Electric	Vertically Integrated	3/31/2000	34.8	10.44	12.10	53.50	715.40
Vermont	Green Mountain Power Corp.		D-6107	Electric	Vertically Integrated	5/8/1998	20.8	9.53	11.25	46.95	NA
Hawaii	Hawaii Electric Light Co	HE	D-99-0207	Electric	Vertically Integrated	10/25/1999	15.5	10.01	13.25	49.69	263.70
Montana	NorthWestern Corp.	NWE	D-D2000.8.113 (elec)	Electric	Distribution	8/11/2000	35.9	9.68	12.75	48.52	615.10
Vermont	Central Vermont Public Service		D-6460,6120	Electric	Vertically Integrated	11/9/2000	19.0	9.22	11.00	47.34	NA
Kansas	Evergy Kansas Central Inc.	EVRG	D-01-WSRE-436-RTS (WR)	Electric	Vertically Integrated	11/27/2000	92.6	10.26	12.75	50.00	1,099.90
Kansas	Evergy Kansas South	EVRG	D-01-WSRE-436-RTS (KG&E)	Electric	Vertically Integrated	11/27/2000	57.9	10.26	12.75	50.00	1,363.60
Wyoming	PacifiCorp	BRK.A	D-20000-ER-00-162	Electric	Vertically Integrated	12/18/2000	29.9	9.15	11.50	49.06	NA
Oregon	Portland General Electric Co.	POR	D-UE-115	Electric	Vertically Integrated	10/2/2000	324.0	9.74	11.50	52.16	NA
Oregon	PacifiCorp	BRK.A	D-UE-116	Electric	Vertically Integrated	11/1/2000	103.0	9.08	11.50	47.60	2,400.00
Utah	PacifiCorp	BRK.A	D-01-035-01	Electric	Vertically Integrated	1/12/2001	142.2	9.16	11.50	47.60	NA
Missouri	Empire District Electric Co.	AQN	C-ER-2001-299	Electric	Vertically Integrated	11/3/2000	39.1	9.61	11.50	47.50	507.80
New York	Central Hudson Gas & Electric	FTS	C-00-E-1273	Electric	Distribution	8/1/2000	13.6	9.03	11.50	50.59	NA
New York	Niagara Mohawk Power Corp.	NG.	C-01-M-0075	Electric	Vertically Integrated	1/17/2001	(132.0)	NA	NA	NA	NA
Mississippi	Mississippi Power Co.	SO	D-01-UN-0548	Electric	Vertically Integrated	8/3/2001	46.4	10.10	13.25	53.68	753.20
Georgia	Georgia Power Co.	SO	D-14000-U	Electric	Vertically Integrated	6/29/2001	103.0	10.01	13.25	51.67	8,287.27
New Mexico	Texas-New Mexico Power Co.	PNM	C-3643	Electric	Vertically Integrated	7/3/2001	6.4	9.05	11.50	40.70	NA
Nevada	Nevada Power Co.	BRK.A	D-01-10001	Electric	Vertically Integrated	10/1/2001	22.9	9.30	12.25	42.59	2,148.00
North Dakota	MDU Resources Group	MDU	C-PU-399-01-186	Electric	Vertically Integrated	9/7/2001	0.0	10.70	12.75	48.87	128.90
Nevada	Sierra Pacific Power Co.	BRK.A	D-01-11030	Electric	Vertically Integrated	11/30/2001	15.9	9.42	12.25	39.19	983.00
Florida	Gulf Power Co.	NEE	D-010949-EI	Electric	Vertically Integrated	9/10/2001	69.9	8.64	13.00	41.04	1,198.50
Washington	Avista Corp.	AVA	D-UE-01-1595	Electric	Vertically Integrated	12/3/2001	53.2	10.39	12.75	42.00	NA
Washington	Puget Sound Energy Inc.		D-UE-01-1570	Electric	Vertically Integrated	11/26/2001	228.3	10.47	14.00	45.00	NA
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-113 (elec.)	Electric	Vertically Integrated	4/12/2001	86.8	10.87	12.60	55.01	854.20
Vermont	Frontier Communications Corp.	FTRC.Q	D-6596	Electric	Vertically Integrated	10/31/2001	7.9	6.43	11.00	50.00	NA
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-111 (elec.)	Electric	Vertically Integrated	8/1/2001	85.9	10.83	13.50	52.05	844.70
Connecticut	The United Illuminating Co.	IBE	D-01-10-10	Electric	Distribution	11/15/2001	NA	8.97	11.50	50.00	784.90
Oklahoma	Oklahoma Gas and Electric Co.	OGE	Ca-PUD-200100455	Electric	Vertically Integrated	7/26/2001	26.2	9.43	12.00	58.08	1,568.60
Mississippi	Entergy Mississippi LLC	ETR	D-02-UN-0526	Electric	Vertically Integrated	8/16/2002	68.8	9.36	12.34	44.99	1,214.10
Michigan	Upper Peninsula Power Co.		C-U-13497	Electric	Vertically Integrated	8/2/2002	9.9	9.80	12.60	55.00	85.50
Louisiana	Entergy Gulf States LA LLC	ETR	D-U-25687	Electric	Vertically Integrated	5/31/2001	10.2	NA	11.10	NA	NA
South Carolina	Dominion Energy South Carolina	D	D-2002-223-E	Electric	Vertically Integrated	8/6/2002	104.7	9.93	12.50	51.56	3,258.00
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-111 (elec)	Electric	Vertically Integrated	5/1/2002	22.0	10.75	12.90	55.42	280.90
Wyoming	PacifiCorp	BRK.A	D-20000-ER-02-184	Electric	Vertically Integrated	5/7/2002	20.0	8.68	11.25	45.70	888.00
New York	Rochester Gas & Electric Co	IBE	C-02-E-0198	Electric	Distribution	2/15/2002	40.2	9.09	12.01	44.08	1,182.90
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-114 (elec)	Electric	Vertically Integrated	3/28/2002	50.7	10.52	12.60	55.20	883.60
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-112 (elec)	Electric	Vertically Integrated	5/7/2002	105.0	10.89	13.10	52.80	917.50
Iowa	Interstate Power & Light Co.	LNT	D-RPU-02-3	Electric	Vertically Integrated	3/29/2002	75.5	9.92	12.25	52.11	1,436.80
Colorado	Black Hills Colorado Electric	BKH	D-02S-594E	Electric	Vertically Integrated	10/15/2002	23.4	10.19	13.25	47.50	122.10
Colorado	Public Service Co. of CO	XEL	D-02S-315E	Electric	Vertically Integrated	5/31/2002	14.5	9.71	12.00	51.28	2,830.00
New Jersey	Public Service Electric Gas	PEG	D-ER-02050303	Electric	Distribution	5/24/2002	298.2	8.94	11.60	41.45	3,092.00
New Jersey	Rockland Electric Company	ED	D-ER-02100724	Electric	Distribution	10/1/2002	3.2	9.33	12.00	51.01	129.00
New Jersey	Jersey Cntrl Power & Light Co.	FE	D-ER-02080506Phasel	Electric	Distribution	8/1/2002	(41.6)	10.05	12.00	57.20	2,053.60
Oregon	PacifiCorp	BRK.A	D-UE-147	Electric	Vertically Integrated	3/18/2003	57.9	8.80	11.50	44.95	2,115.00
Connecticut	The CT Light & Power Co	ES	D-03-07-02	Electric	Distribution	8/1/2003	251.2	8.76	10.75	49.84	NA
Utah	PacifiCorp	BRK.A	D-03-2035-02	Electric	Vertically Integrated	7/31/2003	125.0	8.72	11.50	45.11	2,956.80

North Dakota	MDU Resources Group	MDU	C-PU-399-03-296	Electric	Vertically Integrated	5/30/2003	7.8	10.18	11.75	50.32	143.60
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-113 (elec)	Electric	Vertically Integrated	3/6/2003	65.3	10.38	12.71	57.47	970.20
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-115 (elec)	Electric	Vertically Integrated	4/1/2003	92.3	10.31	12.00	55.00	869.80
Vermont	Green Mountain Power Corp.		D-6867	Electric	Vertically Integrated	4/1/2003	NA	NA	NA	NA	NA
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-112 (elec)	Electric	Vertically Integrated	5/30/2003	19.2	10.53	12.30	56.60	301.60
Wyoming	PacifiCorp	BRK.A	D-20000-ER-03-198	Electric	Vertically Integrated	5/27/2003	34.4	8.75	11.50	44.95	899.50
Nevada	Nevada Power Co.	BRK.A	D-03-10001	Electric	Vertically Integrated	10/1/2003	133.5	10.00	12.40	37.12	2,421.10
Minnesota	Interstate Power & Light Co.	LNT	D-E-001/GR-03-767	Electric	Vertically Integrated	5/19/2003	5.0	9.67	12.30	47.15	107.90
Indiana	Duke Energy Indiana, LLC	DUK	Ca-42359	Electric	Vertically Integrated	12/30/2002	145.3	7.63	11.20	44.44	3,662.40
Idaho	Idaho Power Co.	IDA	C-IPC-E-03-13	Electric	Vertically Integrated	10/16/2003	70.7	8.33	11.20	45.97	1,547.40
Nevada	Sierra Pacific Power Co.	BRK.A	D-03-12002	Electric	Vertically Integrated	12/1/2003	87.0	10.10	12.40	39.79	1,151.60
California	Pacific Gas and Electric Co.	PCG	AP-0211017 De-0405055 (elec)	Electric	Vertically Integrated	11/8/2002	602.0	9.24	11.22	48.00	9,410.00
Kentucky	Kentucky Utilities Co.	PPL	C-2003-00434	Electric	Vertically Integrated	12/29/2003	57.8	6.84	11.25	53.30	1,396.10
Kentucky	Louisville Gas & Electric Co.	PPL	C-2003-00433 (elec)	Electric	Vertically Integrated	12/29/2003	63.8	7.20	11.25	49.50	1,468.70
California	Southern California Edison Co.	EIX	AP-0205004 De-0407022	Electric	Vertically Integrated	5/3/2002	251.0	9.39	11.60	48.00	7,836.00
Colorado	Black Hills Colorado Electric	BKH	D-04S-035E	Electric	Vertically Integrated	12/29/2003	11.4	9.07	10.75	47.50	129.60
Idaho	Avista Corp.	AVA	C-AVU-E-04-1	Electric	Vertically Integrated	2/6/2004	31.1	9.72	11.50	42.59	427.80
Rhode Island	Narragansett Electric Co.	NG.	D-3617	Electric	Distribution	6/29/2004	(10.2)	8.89	10.50	50.00	NA
Michigan	DTE Electric Co.	DTE	C-U-13808	Electric	Vertically Integrated	6/20/2003	582.8	7.75	11.50	42.53	7,469.00
Iowa	Interstate Power & Light Co.	LNT	D-RPU-04-1	Electric	Vertically Integrated	3/15/2004	149.2	9.30	11.55	50.24	1,998.20
Georgia	Georgia Power Co.	SO	D-18300-U	Electric	Vertically Integrated	7/1/2004	262.0	9.02	12.50	50.00	9,180.00
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-116 (elec)	Electric	Vertically Integrated	4/1/2004	69.4	11.79	12.00	56.17	887.20
Pennsylvania	PPL Electric Utilities Corp.	PPL	C-R-00049255	Electric	Distribution	3/29/2004	216.6	8.80	11.50	46.87	1,837.00
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-113 (elec)	Electric	Vertically Integrated	5/5/2004	22.3	10.38	12.00	57.88	306.80
Massachusetts	Western Massachusetts Electric	ES	DTE-04-106	Electric	Distribution	11/16/2004	9.0	NA	9.85	NA	NA
South Carolina	Dominion Energy South Carolina	D	D-2004-178-E	Electric	Vertically Integrated	7/1/2004	81.2	9.18	11.75	50.76	3,626.30
Washington	Puget Sound Energy Inc.		D-UE-04-0641	Electric	Vertically Integrated	4/5/2004	99.8	9.12	11.75	45.00	2,547.00
Utah	PacifiCorp	BRK.A	D-04-035-42	Electric	Vertically Integrated	8/4/2004	96.3	8.73	11.13	47.80	3,116.00
Missouri	Empire District Electric Co.	AQN	C-ER-2004-0570	Electric	Vertically Integrated	4/30/2004	52.4	9.54	11.65	49.81	611.40
New York	Consolidated Edison Co. of NY	ED	C-04-E-0572	Electric	Distribution	4/30/2004	471.7	8.90	12.00	49.00	9,368.00
Vermont	Central Vermont Public Service		D-6946,6988	Electric	Vertically Integrated	7/15/2004	7.7	8.70	11.00	55.53	246.60
Arizona	Arizona Public Service Co.	PNW	D-U-1345A-03-0437	Electric	Vertically Integrated	6/27/2003	175.1	8.67	11.50	50.00	4,200.00
Louisiana	Entergy Louisiana LLC	ETR	D-U-20925 (2004 RRF)	Electric	Vertically Integrated	1/9/2004	167.1	9.70	11.40	46.89	2,586.00
Georgia	Savannah Electric & Power Co.	SO	D-19758-U	Electric	Vertically Integrated	11/30/2004	22.2	9.25	12.50	46.67	495.40
New Jersey	Atlantic City Electric Co.	EXC	D-ER-03020110	Electric	Distribution	2/3/2003	41.2	9.48	12.50	45.11	647.00
New Jersey	Jersey Cntrl Power & Light Co.	FE	D-ER-02080506Phaseii	Electric	Distribution	7/16/2004	55.9	8.50	9.75	46.00	2,079.50
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-114 (elec)	Electric	Vertically Integrated	9/17/2004	48.1	10.59	12.00	60.22	972.20
Texas	Cap Rock Energy Corp.		D-28813	Electric	Vertically Integrated	2/24/2004	10.2	7.29	11.75	40.00	138.60
Texas	AEP Texas Central Co.	AEP	D-28840	Electric	Distribution	11/3/2003	66.5	8.56	12.00	44.81	1,343.40
Oregon	PacifiCorp	BRK.A	D-UE-170	Electric	Vertically Integrated	11/15/2004	52.5	8.06	10.00	47.56	2,175.70
Wyoming	Cheyenne Light Fuel Power Co.	BKH	D-20003-ER-05-81 (elec)	Electric	Vertically Integrated	4/18/2005	3.0	8.50	11.50	49.80	NA
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-114 (elec)	Electric	Vertically Integrated	4/19/2005	37.9	9.68	11.50	57.04	328.90
Oklahoma	Oklahoma Gas and Electric Co.	OGE	Ca-PUD-200500151	Electric	Vertically Integrated	5/20/2005	89.1	9.13	11.75	55.69	1,879.60
Ohio	Duke Energy Ohio Inc.	DUK	C-05-59-EL-AIR	Electric	Distribution	2/17/2005	77.9	9.15	11.00	56.51	859.60
Washington	Avista Corp.	AVA	D-UE-05-0482	Electric	Vertically Integrated	3/29/2005	35.8	9.67	11.50	44.00	795.80
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-117 (elec.)	Electric	Vertically Integrated	4/1/2005	93.1	12.55	12.00	62.05	892.50
Michigan	Consumers Energy Co.	CMS	C-U-14347	Electric	Vertically Integrated	12/17/2004	288.8	7.37	12.75	36.31	4,838.30
Kansas	Evergy Kansas Central Inc.	EVRG	D-05-WSEE-981-RTS (WR)	Electric	Vertically Integrated	5/2/2005	47.8	8.84	11.50	44.59	1,052.60
Kansas	Evergy Kansas South	EVRG	D-05-WSEE-981-RTS (KG&E)	Electric	Vertically Integrated	5/2/2005	36.3	8.84	11.50	44.59	1,280.60
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-114 (elec.)	Electric	Vertically Integrated	6/1/2005	61.4	10.72	11.90	56.32	553.20
Connecticut	The United Illuminating Co.	IBE	D-05-06-04	Electric	Distribution	7/18/2005	39.8	8.07	11.60	52.00	401.60
Minnesota	Interstate Power & Light Co.	LNT	D-E-001-GR-05-748	Electric	Vertically Integrated	5/16/2005	4.8	9.19	11.50	50.66	134.70
Washington	PacifiCorp	BRK.A	D-UE-05-0684	Electric	Vertically Integrated	5/5/2005	29.8	8.75	11.13	49.50	615.20
Nevada	Sierra Pacific Power Co.	BRK.A	D-05-10003	Electric	Vertically Integrated	10/3/2005	(4.0)	9.28	11.40	40.76	1,097.20
California	Southern California Edison Co.	EIX	Ap-04-12-014	Electric	Vertically Integrated	12/21/2004	324.9	9.07	11.40	48.00	9,301.90
Delaware	Delmarva Power & Light Co.	EXC	D-05-304	Electric	Distribution	8/31/2005	2.1	7.64	11.00	47.72	430.90
Michigan	Upper Peninsula Power Co.		C-U-14745	Electric	Vertically Integrated	1/3/2006	6.2	8.10	11.50	47.12	109.90
Maine	Maine Public Service Co.	EMA	D-2006-024	Electric	Distribution	3/13/2006	3.2	8.59	10.25	53.00	25.00
New York	Central Hudson Gas & Electric	FTS	C-05-E-0934	Electric	Distribution	7/29/2005	60.6	7.66	10.75	46.98	536.80
West Virginia	Appalachian Power Co.	AEP	C-05-1278-E-PC--PW-42T	Electric	Vertically Integrated	8/26/2005	85.5	8.02	11.50	41.32	1,714.50
Illinois	Commonwealth Edison Co.	EXC	D-05-0597	Electric	Distribution	8/31/2005	279.0	8.94	11.00	54.20	6,174.50
New York	NY State Electric & Gas Corp.	IBE	C-05-E-1222	Electric	Distribution	9/29/2005	58.0	7.88	11.00	50.00	1,513.60
Minnesota	Northern States Power Co.	XEL	D-E-002-GR-05-1428	Electric	Vertically Integrated	11/2/2005	154.3	9.04	11.00	51.67	3,237.60
Oregon	PacifiCorp	BRK.A	D-UE-179	Electric	Vertically Integrated	2/23/2006	116.7	9.08	11.50	52.80	2,302.20
New Hampshire	Unitil Energy Systems Inc.	UTL	DE-05-178	Electric	Distribution	11/4/2005	4.7	9.25	11.00	43.09	98.50
Illinois	Ameren Illinois	AEE	D-06-0072 (IP)	Electric	Distribution	12/27/2005	148.4	8.69	11.00	53.07	1,228.60
Illinois	Ameren Illinois	AEE	D-06-0071 (CIPS)	Electric	Distribution	12/27/2005	26.7	8.50	11.00	48.92	429.00
Illinois	Ameren Illinois	AEE	D-06-0070 (CILCO)	Electric	Distribution	12/27/2005	45.8	8.77	11.00	52.28	281.90
Utah	PacifiCorp	BRK.A	D-06-035-21	Electric	Vertically Integrated	3/7/2006	194.1	9.05	11.40	52.80	3,574.20
Colorado	Public Service Co. of CO	XEL	D-06S-234EG	Electric	Vertically Integrated	4/14/2006	171.7	9.15	11.00	59.93	3,376.00
Vermont	Central Vermont Public Service		D-7191	Electric	Vertically Integrated	5/15/2006	16.4	9.25	12.00	55.57	304.60
Missouri	Empire District Electric Co.	AQN	C-ER-2006-0315	Electric	Vertically Integrated	2/1/2006	26.2	9.50	11.70	50.80	621.50
Missouri	Evergy Metro Inc	EVRG	C-ER-2006-0314	Electric	Vertically Integrated	1/31/2006	55.8	9.02	11.50	53.69	1,271.80
Vermont	Green Mountain Power Corp.		D-7175,7176	Electric	Vertically Integrated	4/14/2006	25.0	9.20	11.30	52.80	233.10
Arkansas	Oklahoma Gas and Electric Co.	OGE	D-06-070-U	Electric	Vertically Integrated	7/28/2006	13.5	6.29	11.75	36.85	305.60
Pennsylvania	Metropolitan Edison Co.	FE	D-R-00061366	Electric	Distribution	4/10/2006	216.8	8.99	12.00	49.00	998.70
Pennsylvania	Pennsylvania Electric Co.	FE	D-R-00061367	Electric	Distribution	4/10/2006	163.9	9.23	12.00	49.00	1,092.20
Wisconsin	Wisconsin Public Service Corp.	WEC	D.6690-UR-118 (elec.)	Electric	Vertically Integrated	3/31/2006	136.9	14.17	11.00	60.35	851.90
Oregon	Portland General Electric Co.	POR	D-UE-180	Electric	Vertically Integrated	3/13/2006	53.5	8.87	10.75	53.30	2,027.20
Washington	Puget Sound Energy Inc.		D-UE-06-0266	Electric	Vertically Integrated	2/15/2006	33.5	8.76	11.25	45.00	2,977.30
Wisconsin	Wisconsin Power and Light Co	LNT	D.6680-UR-115 (elec.)	Electric	Vertically Integrated	3/17/2006	164.7	10.59	11.20	59.23	1,022.40
California	Pacific Gas and Electric Co.	PCG	AP-0512002 De-0703044(elec)	Electric	Vertically Integrated	12/2/2005	359.1	8.79	11.35	52.00	10,548.60
New Jersey	Rockland Electric Company	ED	D-ER-06060483	Electric	Distribution	6/30/2006	13.2	8.70	11.00	49.70	135.30
Virginia	Appalachian Power Co.	AEP	C-PUE-2006-00065	Electric	Vertically Integrated	5/4/2006	185.6	8.21	11.50	43.85	2,345.23
Missouri	Evergy Missouri West	EVRG	C-ER-2007-0004 (L&P)	Electric	Vertically Integrated	7/3/2006	15.2	9.46	11.25	48.17	186.80
Missouri	Evergy Missouri West	EVRG	C-ER-2007-0004 (MPS)	Electric	Vertically Integrated	7/3/2006	52.9	8.92	11.25	48.17	918.48
Missouri	Union Electric Co.	AEE	C-ER-2007-0002	Electric	Vertically Integrated	7/7/2006	245.4	8.88	12.00	52.22	5,637.43
West Virginia	Monongahela Power Co.	FE	C-06-0960-E-42T	Electric	Vertically Integrated	7/26/2006	96.5	9.06	11.75	46.07	1,239.45
Nevada	Nevada Power Co.	BRK.A	D-06-11022	Electric	Vertically Integrated	11/15/2006	156.8	9.39	11.40	47.29	3,320.80
New Hampshire	Public Service Co. of NH	ES	D-DE-06-028	Electric	Distribution	5/30/2006	60.2	7.98	10.50	48.22	647.10
Arkansas	Entergy Arkansas LLC	ETR	D-06-101-U	Electric	Vertically Integrated	8/15/2006	106.5	6.42	11.25	36.63	3,654.35
Washington	PacifiCorp	BRK.A	D-UE-06-1546	Electric	Vertically Integrated	10/3/2006	18.6	8.06	10.20	46.00	547.10
West Virginia	Appalachian Power Co.	AEP	C-07-0248-E-GI	Electric	Vertically Integrated	3/1/2007	100.5	7.67	10.50	42.88	1,817.40
Arizona	Arizona Public Service Co.	PNW	D-E-01345A-05-0816	Electric	Vertically Integrated	11/4/2005	434.6	8.73	11.50	54.50	4,456.94
New Hampshire	Liberty Utilities Granite St	AQN	D-DG-06-107	Electric	Distribution	8/10/2006	NA	NA	NA	NA	NA
Maryland	Delmarva Power & Light Co.	EXC	C-9093	Electric	Distribution	11/17/2006	15.8	8.05	10.75	48.63	268.80
Maryland	Potomac Electric Power Co.	EXC	C-9092	Electric	Distribution	11/17/2006	47.3	8.34	10.75	47.69	879.96
Indiana	Southern Indiana Gas & Elec Co	CNP	Ca-43111	Electric	Vertically Integrated	9/1/2006	80.4	7.96	11.75	47.05	1,043.72
Oklahoma	Public Service Co. of OK	AEP	Ca-PUD-200600285	Electric	Vertically Integrated	11/21/2006	47.9	8.82	11.75	46.02	1,184.99
New York	Orange & Rockland Utlts Inc.	ED	C-06-E-1433	Electric	Distribution	12/15/2006	0.0	NA	NA	NA	NA
Texas	Electric Transmission Texas		D-33734	Electric	Transmission	1/22/2007	13.6	8.40	11.25	40.00	75.65
Wyoming	Cheyenne Light Fuel Power Co.	BKH	D-20003-90-ER-7 (elec)	Electric	Vertically Integrated	3/1/2007	8.4	9.14	11.75	54.00	252.18
Missouri	Evergy Metro Inc	EVRG	C-ER-2007-0291	Electric	Vertically Integrated	2/1/2007	47.3	8.97	11.25	57.62	1,300.00
Texas	AEP Texas Central Co.	AEP	D-33309	Electric	Distribution	11/9/2006	69.6	7.80	10.75	40.00	1,596.49
South Carolina	Dominion Energy South Carolina	D	D-2007-229-E	Electric	Vertically Integrated	6/15/2007	118.0	9.18	11.75	53.32	3,970.00

Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-115 (elec)	Electric	Vertically Integrated	5/7/2007	34.0	9.25	11.00	57.02	423.70
Washington	Avista Corp.	AVA	D-UE-07-0804	Electric	Vertically Integrated	4/26/2007	51.1	9.39	11.30	47.78	897.43
Maine	Versant Power		D-2006-661	Electric	Distribution	1/16/2007	1.4	9.03	11.25	50.00	139.13
North Carolina	Duke Energy Carolinas LLC	DUK	D-E-7 Sub 828	Electric	Vertically Integrated	6/1/2007	140.2	9.36	12.50	53.00	7,798.40
Idaho	PacifiCorp	BRK.A	C-PAC-E-07-05	Electric	Vertically Integrated	6/8/2007	18.6	8.52	10.75	50.40	491.60
Georgia	Georgia Power Co.	SO	D-25060-U	Electric	Vertically Integrated	6/29/2007	406.7	9.40	12.50	52.75	11,401.50
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-115 (elec)	Electric	Vertically Integrated	6/1/2007	67.4	10.07	11.00	53.86	565.10
Wisconsin	Wisconsin Electric Power Co.	WEC	D-5-UR-103 (WEP-EL)	Electric	Vertically Integrated	5/7/2007	353.8	9.90	11.20	56.14	3,075.72
Connecticut	The CT Light & Power Co	ES	D-07-07-01	Electric	Distribution	7/30/2007	210.7	8.47	11.00	49.50	2,463.70
District of Columbi	Potomac Electric Power Co.	EXC	FC-1053	Electric	Distribution	12/12/2006	50.5	8.42	11.00	46.55	980.64
Vermont	Central Vermont Public Service		D-7321	Electric	Vertically Integrated	5/15/2007	12.4	8.52	10.75	50.02	355.70
Massachusetts	Fitchburg Gas & Electric Light	UTL	DPU-07-71	Electric	Distribution	8/17/2007	3.3	8.59	10.75	42.80	52.06
Wyoming	PacifiCorp	BRK.A	D-20000-277-ER-7	Electric	Vertically Integrated	6/29/2007	36.1	8.54	10.75	50.80	1,230.63
New York	Consolidated Edison Co. of NY	ED	C-07-E-0523	Electric	Distribution	5/4/2007	1,201.5	8.58	11.50	48.45	13,275.16
Montana	MDU Resources Group	MDU	D-D2007.7.79	Electric	Vertically Integrated	7/12/2007	7.8	8.96	11.00	50.67	62.11
New Mexico	Public Service Co. of NM	PNM	C-07-00077-UT	Electric	Vertically Integrated	2/21/2007	76.8	8.57	10.75	51.37	1,230.32
Hawaii	Hawaiian Electric Co.	HE	D-04-0113	Electric	Vertically Integrated	11/12/2004	54.0	8.66	10.70	54.50	NA
Florida	Florida Public Utilities Co.	CPK	D-070304-EI	Electric	Vertically Integrated	8/30/2007	5.2	8.07	11.50	39.74	43.02
Arizona	UNS Electric Inc.	FTS	D-E-04204A-06-0783	Electric	Vertically Integrated	12/14/2006	8.5	9.89	11.80	48.85	141.04
Michigan	Consumers Energy Co.	CMS	C-U-15245	Electric	Vertically Integrated	3/30/2007	265.0	7.19	11.25	42.02	5,126.76
West Virginia	Appalachian Power Co.	AEP	C-08-0278-E-P	Electric	Vertically Integrated	2/29/2008	156.3	7.65	10.50	41.54	1,972.00
Nevada	Sierra Pacific Power Co.	BRK.A	D-07-12001	Electric	Vertically Integrated	12/3/2007	105.7	8.73	11.50	45.19	1,553.54
Minnesota	Otter Tail Power Co.	OTTR	D-E-017/GR-07-1178	Electric	Vertically Integrated	10/1/2007	9.5	8.89	11.25	52.90	207.78
New York	Orange & Rockland Utlts Inc.	ED	C-07-E-0949	Electric	Distribution	8/10/2007	47.8	8.80	11.50	48.60	528.62
Missouri	Empire District Electric Co.	AQN	C-ER-2008-0093	Electric	Vertically Integrated	10/1/2007	33.4	9.32	11.60	50.78	704.00
California	San Diego Gas & Electric Co.	SRE	Ap-06-12-009 (elec)	Electric	Vertically Integrated	12/8/2006	197.9	8.23	10.70	49.00	2,989.30
Utah	PacifiCorp	BRK.A	D-07-035-93	Electric	Vertically Integrated	12/17/2007	74.5	8.54	10.75	50.40	4,127.10
New Mexico	Southwestern Public Service Co	XEL	C-07-00319-UT	Electric	Vertically Integrated	7/30/2007	18.9	8.56	10.75	51.23	310.01
Illinois	Commonwealth Edison Co.	EXC	D-07-0566	Electric	Distribution	10/17/2007	355.4	8.57	10.75	45.04	7,016.92
Illinois	Ameren Illinois	AEE	D-07-0585 (CILCO)	Electric	Distribution	11/2/2007	4.1	8.74	11.00	52.93	243.33
Illinois	Ameren Illinois	AEE	D-07-0586 (CIPS)	Electric	Distribution	11/2/2007	27.8	8.67	11.00	50.00	444.31
Illinois	Ameren Illinois	AEE	D-07-0587 (IP)	Electric	Distribution	11/2/2007	130.5	9.24	11.00	52.61	1,266.05
Idaho	Avista Corp.	AVA	C-AVU-E-08-01	Electric	Vertically Integrated	4/3/2008	32.3	8.74	10.80	47.94	548.30
Washington	Puget Sound Energy Inc.		D-UE-07-2300	Electric	Vertically Integrated	12/3/2007	165.2	8.60	10.80	45.00	3,298.20
Michigan	Wisconsin Electric Power Co.	WEC	C-U-15500	Electric	Vertically Integrated	1/31/2008	22.0	NA	NA	NA	NA
Virginia	Appalachian Power Co.	AEP	C-PUE-2008-00046	Electric	Vertically Integrated	5/30/2008	207.9	8.52	11.75	41.02	2,415.12
Arizona	Tucson Electric Power Co.	FTS	D-E-01933A-07-0402	Electric	Vertically Integrated	7/2/2007	158.2	8.35	10.75	45.00	982.73
Michigan	DTE Electric Co.	DTE	C-U-15244	Electric	Vertically Integrated	4/13/2007	284.1	7.39	11.25	41.90	9,051.60
Oregon	Portland General Electric Co.	POR	D-UE-197	Electric	Vertically Integrated	2/27/2008	162.2	8.33	10.10	50.00	2,275.80
Washington	Avista Corp.	AVA	D-UE-08-0416	Electric	Vertically Integrated	3/4/2008	47.4	8.43	10.80	46.30	964.18
North Dakota	Northern States Power Co.	XEL	C-PU-07-776	Electric	Vertically Integrated	12/7/2007	17.9	8.80	10.75	51.77	242.11
Oklahoma	Public Service Co. of OK	AEP	Ca-PUD-200800144	Electric	Vertically Integrated	7/11/2008	132.6	8.64	11.25	44.10	1,545.20
Ohio	Ohio Edison Co.	FE	C-07-0551-EL-AIR (OE)	Electric	Distribution	6/7/2007	160.8	9.06	11.75	49.00	1,590.78
Ohio	The Cleveland Electric Illumin	FE	C-07-0551-EL-AIR (CEI)	Electric	Distribution	6/7/2007	108.6	9.15	11.75	49.00	1,295.82
Ohio	The Toledo Edison Co.	FE	C-07-0551-EL-AIR (TE)	Electric	Distribution	6/7/2007	70.5	8.95	11.75	49.00	523.31
Missouri	Union Electric Co.	AEE	C-ER-2008-0318	Electric	Vertically Integrated	4/4/2008	242.7	8.36	10.90	50.93	5,954.20
Idaho	Idaho Power Co.	IDA	C-IPC-E-08-10	Electric	Vertically Integrated	6/27/2008	66.6	8.55	11.25	49.27	2,093.40
Connecticut	The United Illuminating Co.	IBE	D-08-07-04	Electric	Distribution	8/8/2008	52.4	8.75	10.75	50.00	511.30
Indiana	Indiana Michigan Power Co.	AEP	Ca-43306	Electric	Vertically Integrated	1/31/2008	80.2	8.10	11.50	45.80	1,999.13
California	Southern California Edison Co.	EIX	Ap-07-11-011	Electric	Vertically Integrated	11/19/2007	738.7	8.75	11.50	48.00	13,242.00
Louisiana	Entergy New Orleans LLC	ETR	D-UD-08-03 (elec.)	Electric	Vertically Integrated	7/31/2008	(18.2)	8.78	11.75	48.66	347.63
Utah	PacifiCorp	BRK.A	D-08-035-38	Electric	Vertically Integrated	7/17/2008	137.8	8.69	11.00	51.50	4,549.60
New York	Consolidated Edison Co. of NY	ED	C-08-E-0539	Electric	Distribution	5/9/2008	819.0	7.97	10.00	48.47	14,483.00
Florida	Tampa Electric Co.	EMA	D-080317-EI	Electric	Vertically Integrated	8/11/2008	228.2	8.82	12.00	50.21	3,656.80
Minnesota	Minnesota Power Entrprs Inc.	ALE	D-E-015/GR-08-415	Electric	Vertically Integrated	5/2/2008	45.0	8.68	11.15	54.79	713.10
Arkansas	Oklahoma Gas and Electric Co.	OGE	D-08-103-U	Electric	Vertically Integrated	8/29/2008	26.4	7.38	12.25	41.96	386.53
New Mexico	Public Service Co. of NM	PNM	C-08-00273-UT	Electric	Vertically Integrated	9/22/2008	123.3	9.40	11.75	50.47	1,599.19
New York	Central Hudson Gas & Electric	FTS	C-08-E-0887	Electric	Distribution	7/31/2008	66.1	7.34	10.05	48.00	678.04
Nevada	Nevada Power Co.	BRK.A	D-08-12002	Electric	Vertically Integrated	12/1/2008	305.7	8.86	11.26	44.15	5,009.51
Ohio	Duke Energy Ohio Inc.	DUK	C-08-0709-EL-AIR	Electric	Distribution	7/25/2008	85.6	9.10	11.00	58.28	979.49
Idaho	Avista Corp.	AVA	C-AVU-E-09-01	Electric	Vertically Integrated	1/23/2009	31.2	8.80	11.00	50.00	577.43
Texas	Texas-New Mexico Power Co.	PNM	D-36025	Electric	Distribution	8/29/2008	24.4	10.16	11.25	40.00	430.10
Texas	Oncor Electric Delivery Co.	SRE	D-35717	Electric	Distribution	6/27/2008	241.6	8.55	11.50	40.00	7,302.59
Louisiana	Cleco Power LLC		D-U-30689	Electric	Vertically Integrated	7/14/2008	250.1	9.38	12.25	52.04	1,907.53
Minnesota	Northern States Power Co.	XEL	D-E-002/GR-08-1065	Electric	Vertically Integrated	11/3/2008	135.8	8.89	11.00	52.47	4,067.40
Michigan	Consumers Energy Co.	CMS	C-U-15645	Electric	Vertically Integrated	11/14/2008	179.0	7.12	11.00	40.88	6,267.00
California	Sierra Pacific Power Co.	BRK.A	AP-08-08-004	Electric	Vertically Integrated	8/1/2008	8.9	8.81	11.40	43.71	146.52
Arkansas	Southwestern Electric Power Co	AEP	D-09-008-U	Electric	Vertically Integrated	2/19/2009	25.3	7.00	11.50	35.68	608.97
North Dakota	Otter Tail Power Co.	OTTR	C-PU-08-862	Electric	Vertically Integrated	11/3/2008	6.1	8.89	11.25	53.30	187.17
Massachusetts	Massachusetts Electric Co.	NG.	DPU 09-39	Electric	Distribution	5/15/2009	111.3	9.20	11.60	50.36	1,485.66
Colorado	Public Service Co. of CO	XEL	D-09AL-299E	Electric	Vertically Integrated	5/1/2009	285.5	9.14	11.25	58.05	4,440.53
North Carolina	Duke Energy Carolinas LLC	DUK	D-E-7, Sub 909	Electric	Vertically Integrated	6/2/2009	481.7	8.84	11.50	53.00	9,673.10
Michigan	Upper Peninsula Power Co.		C-U-15988	Electric	Vertically Integrated	6/26/2009	12.2	8.67	12.00	49.52	145.49
Arizona	Arizona Public Service Co.	PNW	D-E-01345A-08-0172	Electric	Vertically Integrated	3/24/2008	448.2	8.86	11.50	53.80	5,359.96
Wisconsin	Wisconsin Electric Power Co.	WEC	D-5-UR-104 (WEP-EL)	Electric	Vertically Integrated	3/13/2009	126.6	9.53	10.75	52.97	3,229.67
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-117 (elec)	Electric	Vertically Integrated	5/8/2009	98.9	11.03	10.60	53.42	1,404.85
Washington	Avista Corp.	AVA	D-UE-090134	Electric	Vertically Integrated	1/23/2009	37.5	8.25	10.20	46.50	1,012.90
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-116 (elec)	Electric	Vertically Integrated	4/29/2009	16.0	9.26	10.80	56.05	412.12
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-116 (elec)	Electric	Vertically Integrated	6/1/2009	30.4	9.22	10.75	53.12	644.03
Maryland	Delmarva Power & Light Co.	EXC	C-9192	Electric	Distribution	5/6/2009	14.1	8.58	11.25	49.87	310.37
Iowa	Interstate Power & Light Co.	LNT	D-RPU-2009-0002	Electric	Vertically Integrated	3/17/2009	146.7	9.23	11.54	49.50	1,850.84
Michigan	DTE Electric Co.	DTE	C-U-15768	Electric	Vertically Integrated	1/26/2009	377.7	7.26	11.50	39.48	9,305.00
Oregon	PacifiCorp	BRK.A	D-UE-210	Electric	Vertically Integrated	4/2/2009	92.1	8.55	11.00	51.20	2,958.31
Kansas	Evergy Kansas Central Inc.	EVRG	D-09-WSEE-925-RTS (WR)	Electric	Vertically Integrated	6/2/2009	9.7	8.49	10.40	50.13	35.39
Kansas	Evergy Kansas South	EVRG	D-09-WSEE-925-RTS (KG&E)	Electric	Vertically Integrated	6/2/2009	10.0	8.49	10.40	50.13	62.09
South Carolina	Duke Energy Carolinas LLC	DUK	D-2009-226-E	Electric	Vertically Integrated	7/27/2009	132.9	8.83	11.50	53.00	3,285.00
Rhode Island	Narragansett Electric Co.	NG.	D-4065	Electric	Distribution	6/1/2009	67.6	8.98	11.60	50.05	580.00
Utah	PacifiCorp	BRK.A	D-09-035-23	Electric	Vertically Integrated	6/23/2009	67.2	8.54	11.00	51.00	4,627.29
Oregon	Idaho Power Co.	IDA	D-UE-213	Electric	Vertically Integrated	7/31/2009	7.3	8.68	11.25	49.80	110.80
District of Columbi	Potomac Electric Power Co.	EXC	F.C. 1076	Electric	Distribution	5/22/2009	44.5	8.53	10.75	46.18	1,020.10
Virginia	Kentucky Utilities Co.	PPL	C-PUE-2009-00029	Electric	Vertically Integrated	6/3/2009	12.2	8.59	12.00	53.26	155.60
Florida	Duke Energy Florida LLC	DUK	D-090079-EI	Electric	Vertically Integrated	3/20/2009	500.0	9.21	12.54	50.52	6,238.62
Virginia	Virginia Electric & Power Co.	D	C-PUE-2009-00019	Electric	Vertically Integrated	3/31/2009	250.2	9.74	14.00	47.71	8,754.95
Florida	Florida Power & Light Co.	NEE	D-080677-EI	Electric	Vertically Integrated	3/18/2009	1,043.5	8.00	12.50	47.93	17,063.59
New York	Consolidated Edison Co. of NY	ED	C-09-E-0428	Electric	Distribution	5/8/2009	853.0	8.29	10.90	48.00	15,107.00
Washington	Puget Sound Energy Inc.		D-UE-090704	Electric	Vertically Integrated	5/8/2009	110.3	8.50	10.80	48.00	3,805.68
Wyoming	MDU Resources Group	MDU	D-20004-81-ER-09	Electric	Vertically Integrated	8/14/2009	5.1	9.62	12.75	49.77	71.78
Illinois	Ameren Illinois	AEE	D-09-0306 (CILCO)	Electric	Distribution	6/5/2009	17.1	9.62	11.70	43.62	329.28
Illinois	Ameren Illinois	AEE	D-09-0307 (CIPS)	Electric	Distribution	6/5/2009	38.0	8.68	11.30	48.67	537.24
Illinois	Ameren Illinois	AEE	D-09-0308 (IP)	Electric	Distribution	6/5/2009	59.9	9.74	11.70	44.00	1,466.76
New Jersey	Atlantic City Electric Co.	EXC	D-ER-09080664	Electric	Distribution	8/14/2009	45.8	9.13	11.50	47.62	808.80
New Jersey	Rockland Electric Company	ED	D-ER-09080668	Electric	Distribution	8/17/2009	13.7	8.57	11.00	49.85	149.53
Missouri	Union Electric Co.	AEE	C-ER-2010-0036	Electric	Vertically Integrated	7/24/2009	286.9	8.42	10.80	51.26	6,000.00
Arkansas	Entergy Arkansas LLC	ETR	D-09-084-U	Electric	Vertically Integrated	9/4/2009	168.6	5.73	10.65	NA	4,017.95
New Jersey	Public Service Electric Gas	PEG	D-GR09050422 (EL)	Electric	Distribution	5/29/2009	139.8	8.79	11.25	51.20	3,800.00

New York	Central Hudson Gas & Electric	FTS	C-09-E-0588	Electric	Distribution	7/31/2009	26.3	7.44	10.00	48.00	694.12
New Hampshire	Public Service Co. of NH	ES	D-DE-09-035	Electric	Distribution	6/30/2009	67.6	7.92	10.50	51.08	777.57
Kentucky	Kentucky Power Co.	AEP	C-2009-00459	Electric	Vertically Integrated	12/29/2009	123.6	8.52	11.75	42.91	1,012.69
Connecticut	The CT Light & Power Co	ES	D-09-12-05	Electric	Distribution	1/8/2010	177.6	8.23	10.50	49.20	2,778.61
Michigan	Wisconsin Electric Power Co.	WEC	C-U-15981	Electric	Vertically Integrated	7/2/2009	36.5	7.27	10.75	47.61	330.59
Virginia	Appalachian Power Co.	AEP	C-PUE-2009-00030	Electric	Vertically Integrated	7/15/2009	167.2	9.03	13.35	41.61	2,172.89
South Carolina	Dominion Energy South Carolina	D	D-2009-489-E	Electric	Vertically Integrated	1/15/2010	197.6	9.03	11.60	52.96	4,821.00
Hawaii	Maui Electric Company Ltd	HE	D-2006-0387	Electric	Vertically Integrated	2/23/2007	18.3	8.98	11.25	54.89	386.00
Colorado	Black Hills Colorado Electric	BKH	D-10AL-008E	Electric	Vertically Integrated	1/5/2010	23.0	10.00	11.80	52.00	136.00
Maryland	Potomac Electric Power Co.	EXC	C-9217	Electric	Distribution	12/30/2009	28.2	8.63	10.75	48.87	924.12
Indiana	Northern IN Public Svc Co.	NI	Ca-43526	Electric	Vertically Integrated	8/29/2008	26.3	8.36	12.00	49.95	2,639.19
California	PacifiCorp	BRK.A	A-09-11-015	Electric	Vertically Integrated	11/20/2009	8.4	8.69	11.00	54.41	274.80
Hawaii	Hawaiian Electric Co.	HE	D-2006-0386	Electric	Vertically Integrated	12/22/2006	99.6	8.92	11.25	55.10	1,214.00
New York	NY State Electric & Gas Corp.	IBE	C-09-E-0715	Electric	Distribution	9/17/2009	160.6	8.66	11.43	48.00	1,589.01
New York	Rochester Gas & Electric Co	IBE	C-09-E-0717	Electric	Distribution	9/17/2009	82.1	9.41	11.43	48.00	968.54
Arizona	UNS Electric Inc.	FTS	D-E-04204A-09-0206	Electric	Vertically Integrated	4/30/2009	13.5	9.04	11.40	45.76	175.82
Michigan	Indiana Michigan Power Co.	AEP	C-U-16180	Electric	Vertically Integrated	1/27/2010	62.5	8.16	11.75	44.19	600.94
Hawaii	Hawaii Electric Light Co	HE	D-2005-0315	Electric	Vertically Integrated	5/5/2006	29.9	8.65	11.25	50.83	369.14
Minnesota	Minnesota Power Entrprs Inc.	ALE	D-E-015/GR-09-1151	Electric	Vertically Integrated	11/2/2009	74.5	8.18	10.38	54.29	1,043.47
Michigan	Consumers Energy Co.	CMS	C-U-16191	Electric	Vertically Integrated	1/22/2010	150.0	7.16	11.00	41.49	6,970.00
Washington	Avista Corp.	AVA	D-UE-100467	Electric	Vertically Integrated	3/23/2010	55.3	8.33	10.90	48.39	1,075.67
Kansas	Evergy Metro Inc	EVRG	D-10-KCPE-415-RTS	Electric	Vertically Integrated	12/17/2009	50.9	8.93	10.75	46.17	1,784.30
Texas	Entergy Texas Inc.	ETR	D-37744	Electric	Vertically Integrated	12/30/2009	198.7	9.82	11.50	51.94	1,561.00
Maryland	Baltimore Gas and Electric Co.	EXC	C-9230 (elec)	Electric	Distribution	5/7/2010	92.3	8.99	11.65	51.93	2,291.47
Montana	NorthWestern Corp.	NWE	D-D2009.9.129 (elec)	Electric	Distribution	10/16/2009	13.6	8.30	10.90	49.45	632.39
North Carolina	Virginia Electric & Power Co.	D	D-E-22, Sub 459	Electric	Vertically Integrated	2/15/2010	29.1	8.98	11.90	53.09	679.34
Oregon	PacifiCorp	BRK.A	D-UE-217	Electric	Vertically Integrated	3/1/2010	130.9	8.38	10.60	53.30	3,315.96
Iowa	Interstate Power & Light Co.	LNT	D-RPU-2010-0001	Electric	Vertically Integrated	3/10/2010	149.9	8.67	10.85	51.30	2,452.18
Oregon	Portland General Electric Co.	POR	D-UE 215	Electric	Vertically Integrated	2/16/2010	157.8	8.29	10.50	50.00	3,243.60
Nevada	Sierra Pacific Power Co.	BRK.A	D-10-06001	Electric	Vertically Integrated	6/1/2010	29.3	8.35	11.20	44.11	1,595.77
Michigan	Upper Peninsula Power Co.		C-U-16166	Electric	Vertically Integrated	6/30/2010	15.4	7.93	11.25	50.42	168.27
Idaho	PacifiCorp	BRK.A	C-PAC-E-10-07	Electric	Vertically Integrated	5/28/2010	24.9	8.34	10.60	52.10	650.60
Georgia	Georgia Power Co.	SO	D-31958	Electric	Vertically Integrated	7/1/2010	615.0	8.76	11.95	50.40	14,568.00
Oklahoma	Public Service Co. of OK	AEP	Ca-PUD201000050	Electric	Vertically Integrated	7/9/2010	82.3	8.79	11.50	45.84	1,691.25
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-117 (elec)	Electric	Vertically Integrated	4/22/2010	32.8	9.17	10.40	57.27	431.39
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-120 (elec)	Electric	Vertically Integrated	4/1/2010	64.2	8.67	11.25	53.62	1,296.03
Delaware	Delmarva Power & Light Co.	EXC	D-09-414	Electric	Distribution	9/18/2009	24.2	7.97	10.75	47.52	461.30
New York	Niagara Mohawk Power Corp.	NG.	C-10-E-0050	Electric	Distribution	1/29/2010	361.2	7.85	10.85	50.01	4,019.30
Texas	Texas-New Mexico Power Co.	PNM	D-38480	Electric	Distribution	8/26/2010	16.3	10.65	11.50	50.00	332.19
Massachusetts	Western Massachusetts Electric	ES	DPU 10-70	Electric	Distribution	7/16/2010	28.4	8.11	10.50	50.70	381.60
Texas	CenterPoint Energy Houston	CNP	D-38339	Electric	Distribution	6/30/2010	92.4	9.00	11.25	50.00	2,560.23
Hawaii	Hawaiian Electric Co.	HE	D-2008-0083	Electric	Vertically Integrated	7/3/2008	89.8	8.87	11.25	55.81	1,252.80
Washington	PacifiCorp	BRK.A	D-UE-100749	Electric	Vertically Integrated	5/4/2010	47.7	8.34	10.60	52.10	775.00
West Virginia	Appalachian Power Co.	AEP	C-10-0699-E-42T	Electric	Vertically Integrated	5/14/2010	223.8	8.28	11.75	42.64	2,639.58
Missouri	Evergy Metro Inc	EVRG	C-ER-2010-0355	Electric	Vertically Integrated	6/4/2010	66.5	8.93	10.75	46.29	2,035.90
Minnesota	Otter Tail Power Co.	OTTR	D-E-017/GR-10-239	Electric	Vertically Integrated	4/2/2010	11.1	8.88	11.25	51.70	218.15
New Hampshire	Unitil Energy Systems Inc.	UTL	D-DE 10-055	Electric	Distribution	4/15/2010	10.1	8.83	10.70	44.18	130.36
Indiana	Southern Indiana Gas & Elec Co	CNP	Ca-43839	Electric	Vertically Integrated	12/11/2009	34.0	7.42	10.70	43.46	1,300.42
Missouri	Evergy Missouri West	EVRG	C-ER-2010-0356 (MPS)	Electric	Vertically Integrated	6/4/2010	65.2	8.73	10.75	46.29	1,428.07
Missouri	Evergy Missouri West	EVRG	C-ER-2010-0356 (L&P)	Electric	Vertically Integrated	6/4/2010	23.2	8.73	10.75	46.29	396.28
Illinois	Commonwealth Edison Co.	EXC	D-10-0467	Electric	Distribution	6/30/2010	342.7	8.98	11.50	47.28	7,349.23
North Dakota	MDU Resources Group	MDU	C-PU-10-124	Electric	Vertically Integrated	4/19/2010	8.8	8.74	10.75	53.34	265.88
New York	Orange & Rockland Utlts Inc.	ED	C-10-E-0362	Electric	Distribution	7/30/2010	64.4	8.23	11.00	50.20	672.23
Arkansas	Oklahoma Gas and Electric Co.	OGE	D-10-067-U	Electric	Vertically Integrated	9/28/2010	17.7	6.61	11.25	38.93	443.88
Missouri	Union Electric Co.	AEE	C-ER-2011-0028	Electric	Vertically Integrated	9/3/2010	211.2	8.39	10.70	52.24	6,709.66
Massachusetts	Fitchburg Gas & Electric Light	UTL	DPU 11-01	Electric	Distribution	1/14/2011	7.1	8.58	10.70	42.88	57.51
New Mexico	Public Service Co. of NM	PNM	C-10-00086-UT	Electric	Vertically Integrated	6/1/2010	165.2	9.43	11.75	49.62	1,858.51
Utah	PacifiCorp	BRK.A	D-10-035-124	Electric	Vertically Integrated	1/24/2011	188.1	8.20	10.50	51.90	5,566.05
Minnesota	Interstate Power & Light Co.	LNT	D-E-001/GR-10-276	Electric	Vertically Integrated	5/7/2010	14.0	8.18	10.50	47.74	146.30
Texas	Oncor Electric Delivery Co.	SRE	D-38929	Electric	Distribution	1/7/2011	352.8	8.76	11.25	45.00	8,118.24
Alaska	Alaska Electric Light Power	AVA	D-U-10-029	Electric	Vertically Integrated	5/3/2010	15.8	10.39	14.75	53.80	112.47
Wyoming	PacifiCorp	BRK.A	D-20000-384-ER-10	Electric	Vertically Integrated	11/22/2010	80.1	8.26	10.50	52.30	1,786.87
Virginia	Kentucky Utilities Co.	PPL	PUE-2011-00013	Electric	Vertically Integrated	4/1/2011	9.3	7.60	11.00	52.00	190.81
Michigan	DTE Electric Co.	DTE	C-U-16472	Electric	Vertically Integrated	10/29/2010	357.3	6.87	11.13	40.26	10,075.50
Virginia	Appalachian Power Co.	AEP	C-PUE-2011-00037	Electric	Vertically Integrated	3/31/2011	126.4	8.14	11.65	42.69	2,202.00
Virginia	Virginia Electric & Power Co.	D	C-PUE-2011-00027	Electric	Vertically Integrated	3/31/2011	NA	NA	12.50	NA	NA
Ohio	Columbus Southern Power Co.	AEP	C-11-0351-EL-AIR	Electric	Distribution	2/28/2011	34.2	8.36	11.15	50.64	910.95
Ohio	Ohio Power Co.	AEP	C-11-0352-EL-AIR	Electric	Distribution	2/28/2011	59.6	8.43	11.15	53.79	1,015.24
Michigan	Upper Peninsula Power Co.		C-U-16417	Electric	Vertically Integrated	6/30/2011	7.7	6.88	10.75	45.74	176.04
Indiana	Northern IN Public Svc Co.	NI	Ca-43969	Electric	Vertically Integrated	11/19/2010	75.7	7.70	11.75	46.53	2,705.91
Colorado	Black Hills Colorado Electric	BKH	D-11AL-387E	Electric	Vertically Integrated	4/28/2011	17.5	9.28	11.00	52.00	407.54
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-117 (elec)	Electric	Vertically Integrated	6/1/2011	17.7	8.77	10.75	52.59	718.10
Nevada	Nevada Power Co.	BRK.A	D-11-06006	Electric	Vertically Integrated	6/6/2011	249.9	8.72	11.44	44.38	5,586.97
South Carolina	Duke Energy Carolinas LLC	DUK	D-2011-271-E	Electric	Vertically Integrated	8/5/2011	215.5	8.63	11.50	53.00	4,094.85
North Carolina	Duke Energy Carolinas LLC	DUK	D-E-7, Sub 989	Electric	Vertically Integrated	7/1/2011	525.0	8.51	11.25	53.00	11,125.01
Michigan	Indiana Michigan Power Co.	AEP	C-U-16801	Electric	Vertically Integrated	7/1/2011	27.4	7.38	11.15	43.08	684.74
Oregon	Idaho Power Co.	IDA	D-UE-233	Electric	Vertically Integrated	7/29/2011	5.8	8.17	10.50	51.18	121.85
Florida	Gulf Power Co.	NEE	D-110138-EI	Electric	Vertically Integrated	7/8/2011	101.6	7.05	11.70	38.50	1,734.75
North Dakota	Northern States Power Co.	XEL	C-PU-10-657	Electric	Vertically Integrated	12/20/2010	20.4	8.74	11.25	52.56	327.43
Minnesota	Northern States Power Co.	XEL	D-E-002/GR-10-971	Electric	Vertically Integrated	11/3/2010	150.6	8.57	10.85	52.56	5,682.94
Hawaii	Hawaii Electric Light Co	HE	D-2009-0164	Electric	Vertically Integrated	12/9/2009	20.9	8.73	10.75	55.91	486.73
Colorado	Public Service Co. of CO	XEL	D-11AL-947E	Electric	Vertically Integrated	11/22/2011	281.0	8.50	10.75	56.00	5,431.22
Hawaii	Maui Electric Company Ltd	HE	D-2009-0163	Electric	Vertically Integrated	9/30/2009	28.2	8.57	10.75	56.86	389.96
Washington	Puget Sound Energy Inc.		D-UE-111048	Electric	Vertically Integrated	6/13/2011	125.4	8.26	10.75	48.00	4,896.73
Arizona	Arizona Public Service Co.	PNW	D-E-01345A-11-0224	Electric	Vertically Integrated	6/1/2011	95.5	8.87	11.00	53.90	5,720.28
Illinois	Commonwealth Edison Co.	EXC	D-11-0721	Electric	Distribution	11/8/2011	(59.1)	8.11	10.05	45.56	6,601.00
Michigan	Consumers Energy Co.	CMS	C-U-16794	Electric	Vertically Integrated	6/10/2011	180.9	6.86	10.70	42.07	7,653.80
New York	Orange & Rockland Utlts Inc.	ED	C-11-E-0408	Electric	Distribution	7/29/2011	31.4	8.33	10.80	49.37	672.78
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-118 (elec)	Electric	Vertically Integrated	5/3/2012	0.0	NA	10.40	49.31	2,104.54
Wyoming	Cheyenne Light Fuel Power Co.	BKH	D-20003-114-ER-11 (elec)	Electric	Vertically Integrated	12/1/2011	4.6	8.47	10.50	54.00	243.56
South Dakota	Northern States Power Co.	XEL	D-EL11-019	Electric	Vertically Integrated	6/30/2011	11.9	8.52	10.65	52.90	318.89
Michigan	Wisconsin Electric Power Co.	WEC	C-U-16830	Electric	Vertically Integrated	7/5/2011	12.6	6.54	10.40	43.92	354.89
Hawaii	Hawaiian Electric Co.	HE	D-2010-0080	Electric	Vertically Integrated	7/30/2010	93.8	8.54	10.75	56.29	1,569.47
Oklahoma	Oklahoma Gas and Electric Co.	OGE	Ca-PUD201100087	Electric	Vertically Integrated	7/28/2011	73.3	8.75	11.00	53.07	3,351.85
Wyoming	PacifiCorp	BRK.A	D-20000-405-ER-11	Electric	Vertically Integrated	12/9/2011	56.6	7.88	10.20	52.10	1,836.62
Maryland	Potomac Electric Power Co.	EXC	C-9286	Electric	Distribution	12/16/2011	66.2	8.68	10.75	50.13	1,018.94
Maryland	Delmarva Power & Light Co.	EXC	C-9285	Electric	Distribution	12/9/2011	23.5	8.03	10.75	50.06	400.02
Texas	Entergy Texas Inc.	ETR	D-39896	Electric	Vertically Integrated	11/28/2011	104.8	8.67	10.60	49.92	1,714.11
Utah	PacifiCorp	BRK.A	D-11-035-200	Electric	Vertically Integrated	2/15/2012	155.7	7.91	10.20	52.10	5,758.75
Illinois	Ameren Illinois	AEE	D-12-0001	Electric	Distribution	1/3/2012	(20.0)	9.02	10.05	54.28	2,164.75
District of Columbi	Potomac Electric Power Co.	EXC	FC-1087	Electric	Distribution	7/8/2011	39.7	8.64	10.75	49.23	1,155.80
Texas	Lone Star Transmission LLC	NEE	D-40020	Electric	Transmission	1/9/2012	28.8	8.65	11.00	52.00	53.51
New Jersey	Atlantic City Electric Co.	EXC	D-ER-11080469	Electric	Distribution	8/5/2011	90.3	8.56	10.75	48.86	987.11
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-121 (Elec)	Electric	Vertically Integrated	3/30/2012	85.1	8.93	10.30	52.34	1,183.63
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-118 (elec)	Electric	Vertically Integrated	3/23/2012	22.5	9.53	10.30	59.65	414.81

Wisconsin	Wisconsin Electric Power Co.	WEC	D-05-UR-106 (WEP-Elec)	Electric	Vertically Integrated	3/23/2012	262.0	9.26	10.40	52.35	3,963.96
Delaware	Delmarva Power & Light Co.	EXC	D-11-528	Electric	Distribution	12/2/2011	34.9	7.87	10.75	49.61	590.00
California	Liberty Utilities (CalPeco Ele	AQN	A-12-02-014	Electric	Vertically Integrated	2/17/2012	16.2	8.24	10.50	54.99	120.88
Illinois	Ameren Illinois	AEE	D-12-0293	Electric	Distribution	4/20/2012	19.6	8.76	9.71	54.85	2,034.48
Pennsylvania	PPL Electric Utilities Corp.	PPL	D-R-2012-2290597	Electric	Distribution	3/30/2012	104.6	8.42	11.25	50.78	2,420.96
Missouri	Union Electric Co.	AEE	C-ER-2012-0166	Electric	Vertically Integrated	2/3/2012	322.9	8.28	10.50	52.30	6,913.02
Kansas	Evergy Metro Inc	EVRG	D-12-KCPE-764-RTS	Electric	Vertically Integrated	4/20/2012	63.6	8.57	10.40	51.82	1,820.79
Florida	Florida Power & Light Co.	NEE	D-120015-EI	Electric	Vertically Integrated	3/19/2012	690.4	7.00	11.50	46.03	21,858.15
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-118 (elec)	Electric	Vertically Integrated	6/1/2012	39.1	8.67	10.40	52.39	788.60
Illinois	Commonwealth Edison Co.	EXC	D-12-0321	Electric	Distribution	4/30/2012	91.0	7.54	9.71	42.55	6,367.00
South Carolina	Dominion Energy South Carolina	D	D-2012-218-E	Electric	Vertically Integrated	6/29/2012	151.5	8.56	10.95	52.18	4,869.14
Rhode Island	Narragansett Electric Co.	NG.	D-4323 (electric)	Electric	Distribution	4/27/2012	31.4	7.85	10.75	49.60	575.09
Oregon	PacifiCorp	BRK.A	D-UE-246	Electric	Vertically Integrated	3/1/2012	38.4	7.92	10.20	52.80	3,253.96
Kentucky	Kentucky Utilities Co.	PPL	C-2012-00221	Electric	Vertically Integrated	6/29/2012	82.4	7.62	11.00	53.70	3,294.69
Kentucky	Louisville Gas & Electric Co.	PPL	C-2012-00222 (elec.)	Electric	Vertically Integrated	6/29/2012	62.1	7.80	11.00	55.64	1,986.16
California	San Diego Gas & Electric Co.	SRE	Ap-12-04-016 (Elec)	Electric	Vertically Integrated	4/20/2012	(6.9)	8.20	11.00	52.00	NA
California	Pacific Gas and Electric Co.	PCG	Ap-12-04-018 (Elec)	Electric	Vertically Integrated	4/20/2012	(75.0)	8.45	11.00	52.00	NA
California	Southern California Edison Co.	EIX	Ap-12-04-015	Electric	Vertically Integrated	4/20/2012	(128.0)	8.24	11.10	48.00	NA
North Carolina	Virginia Electric & Power Co.	D	D-E-22, Sub 479	Electric	Vertically Integrated	3/30/2012	53.4	8.53	11.25	54.23	777.92
Washington	Avista Corp.	AVA	D-UE-120436	Electric	Vertically Integrated	4/2/2012	41.0	8.25	10.90	48.40	1,222.63
Missouri	Evergy Metro Inc	EVRG	C-ER-2012-0174	Electric	Vertically Integrated	2/27/2012	78.5	8.45	10.30	52.56	2,052.56
Missouri	Evergy Missouri West	EVRG	C-ER-2012-0175 (MPS)	Electric	Vertically Integrated	2/27/2012	44.9	8.45	10.30	52.56	1,410.00
Missouri	Evergy Missouri West	EVRG	C-ER-2012-0175 (L&P)	Electric	Vertically Integrated	2/27/2012	24.3	8.45	10.30	52.56	465.80
Texas	Cross Texas Transmission		D-40604	Electric	Transmission	8/24/2012	49.7	7.87	11.00	45.00	262.90
Texas	Wind Energy Transmission Texas		D-40606	Electric	Transmission	8/28/2012	49.7	7.73	10.90	40.00	289.45
Indiana	Indiana Michigan Power Co.	AEP	Ca-44075	Electric	Vertically Integrated	9/23/2011	170.1	7.38	11.15	42.67	2,391.63
Maryland	Baltimore Gas and Electric Co.	EXC	C-9299 (elec)	Electric	Distribution	7/27/2012	130.1	7.96	10.50	48.40	2,710.25
Louisiana	Southwestern Electric Power Co	AEP	D-U-32220	Electric	Vertically Integrated	7/20/2012	NA	NA	10.57	NA	NA
New York	Niagara Mohawk Power Corp.	NG.	C-12-E-0201	Electric	Distribution	4/27/2012	145.4	7.38	10.55	51.36	4,104.20
Idaho	Avista Corp.	AVA	C-AVU-E-12-08	Electric	Vertically Integrated	10/10/2012	11.4	8.46	10.90	50.00	639.03
Ohio	Duke Energy Ohio Inc.	DUK	C-12-1682-EL-AIR	Electric	Distribution	7/9/2012	86.6	8.13	10.60	53.30	1,116.67
Michigan	Consumers Energy Co.	CMS	C-U-17087	Electric	Vertically Integrated	9/19/2012	144.9	6.51	10.50	41.19	8,203.20
North Carolina	Duke Energy Progress LLC	DUK	D-E-2, Sub 1023	Electric	Vertically Integrated	10/12/2012	386.8	8.27	11.25	55.39	6,928.06
Hawaii	Maui Electric Company Ltd	HE	D-2011-0092	Electric	Vertically Integrated	7/22/2011	27.5	8.72	11.00	56.85	393.27
Arizona	Tucson Electric Power Co.	FTS	D-E-01933A-12-0291	Electric	Vertically Integrated	7/2/2012	127.8	7.74	10.75	46.00	1,519.07
New Jersey	Atlantic City Electric Co.	EXC	D-ER-12121071	Electric	Distribution	12/11/2012	70.4	8.29	10.25	48.70	1,198.86
Washington	Puget Sound Energy Inc.		D-UE-130137	Electric	Vertically Integrated	2/1/2013	31.9	7.80	9.80	48.00	2,621.99
Maryland	Potomac Electric Power Co.	EXC	C-9311	Electric	Distribution	11/30/2012	66.4	8.06	10.25	48.89	1,342.78
Minnesota	Northern States Power Co.	XEL	D-E-002/GR-12-961	Electric	Vertically Integrated	11/2/2012	208.9	7.85	10.60	52.56	6,269.42
Connecticut	The United Illuminating Co.	IBE	D-13-01-19	Electric	Distribution	2/15/2013	90.6	7.76	10.25	50.00	952.20
South Carolina	Duke Energy Carolinas LLC	DUK	D-2013-59-E	Electric	Vertically Integrated	3/18/2013	220.1	8.45	11.25	53.00	4,313.86
Florida	Tampa Electric Co.	EMA	D-130040-EI	Electric	Vertically Integrated	4/5/2013	134.8	6.74	11.25	42.26	4,339.97
North Carolina	Duke Energy Carolinas LLC	DUK	D-E-7, Sub 1026	Electric	Vertically Integrated	2/4/2013	446.1	8.45	11.25	53.00	11,951.33
Texas	Southwestern Electric Power Co	AEP	D-40443	Electric	Vertically Integrated	7/27/2012	83.1	8.55	11.25	49.10	1,199.33
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-122 (Elec)	Electric	Vertically Integrated	3/29/2013	60.2	9.06	10.60	51.11	1,463.00
Kansas	Evergy Kansas Central Inc.	EVRG	D-13-WSEE-629-RTS	Electric	Vertically Integrated	4/15/2013	31.7	8.40	10.00	52.63	4,091.79
Virginia	Virginia Electric & Power Co.	D	C-PUE-2013-00020	Electric	Vertically Integrated	3/28/2013	0.0	NA	11.50	NA	NA
Florida	Gulf Power Co.	NEE	D-130140-EI	Electric	Vertically Integrated	7/12/2013	74.4	6.47	11.50	37.96	1,884.00
Washington	PacifiCorp	BRK.A	D-UE-130043	Electric	Vertically Integrated	1/11/2013	36.9	7.75	10.00	52.22	824.38
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-119 (Elec)	Electric	Vertically Integrated	5/31/2013	34.3	8.39	10.40	52.54	895.30
Illinois	Ameren Illinois	AEE	D-13-0301	Electric	Distribution	4/19/2013	(38.9)	8.11	8.72	54.33	2,043.09
Oregon	Portland General Electric Co.	POR	D-UE-262	Electric	Vertically Integrated	2/15/2013	104.8	7.86	10.00	50.00	3,126.15
Maryland	Baltimore Gas and Electric Co.	EXC	C-9326 (elec)	Electric	Distribution	5/17/2013	82.8	7.87	10.50	51.05	2,818.77
Louisiana	Entergy Gulf States LA LLC	ETR	D-U-32707	Electric	Vertically Integrated	2/15/2013	24.5	8.18	10.40	51.72	2,666.18
Louisiana	Entergy Louisiana LLC	ETR	D-U-32708	Electric	Vertically Integrated	2/15/2013	144.0	8.19	10.40	52.80	4,475.07
Nevada	Sierra Pacific Power Co.	BRK.A	D-13-06002	Electric	Vertically Integrated	6/3/2013	(4.7)	8.19	10.70	46.94	1,536.23
Arizona	UNS Electric Inc.	FTS	D-E-04204A-12-0504	Electric	Vertically Integrated	12/31/2012	7.5	8.35	10.50	52.60	216.60
Georgia	Georgia Power Co.	SO	D-36989	Electric	Vertically Integrated	6/28/2013	482.0	7.93	11.50	50.60	15,697.00
Illinois	Commonwealth Edison Co.	EXC	D-13-0318	Electric	Distribution	4/29/2013	336.7	6.94	8.72	45.28	6,702.42
Oregon	PacifiCorp	BRK.A	D-UE-263	Electric	Vertically Integrated	3/1/2013	56.0	7.66	9.80	52.10	3,384.54
Michigan	Upper Peninsula Power Co.		C-U-17274	Electric	Vertically Integrated	6/28/2013	7.9	5.86	10.75	40.30	217.51
Arkansas	Entergy Arkansas LLC	ETR	D-13-028-U	Electric	Vertically Integrated	3/1/2013	145.3	4.73	10.40	28.84	4,840.16
New York	Consolidated Edison Co. of NY	ED	C-13-E-0030	Electric	Distribution	1/25/2013	425.0	7.57	10.10	50.06	17,580.35
North Dakota	Northern States Power Co.	XEL	C-PU-12-813	Electric	Vertically Integrated	12/18/2012	14.9	7.72	10.25	52.56	375.81
New Hampshire	Liberty Utilities Granite St	AQN	D-DE-13-063	Electric	Distribution	3/29/2013	13.0	8.46	10.50	55.00	68.29
District of Columbi	Potomac Electric Power Co.	EXC	FC-1103-2013-E	Electric	Distribution	3/8/2013	44.8	8.07	10.25	49.19	1,365.60
New Mexico	Southwestern Public Service Co	XEL	C-12-00350-UT	Electric	Vertically Integrated	12/12/2012	21.0	8.41	10.25	53.89	469.41
Delaware	Delmarva Power & Light Co.	EXC	D-13-115	Electric	Distribution	3/22/2013	39.0	7.53	10.25	49.22	745.60
Texas	Entergy Texas Inc.	ETR	D-41791	Electric	Vertically Integrated	9/25/2013	38.6	8.51	10.40	48.59	1,633.82
Massachusetts	Fitchburg Gas & Electric Light	UTL	DPU 13-90	Electric	Distribution	7/15/2013	6.9	8.55	10.25	47.78	52.00
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-119 (Elec)	Electric	Vertically Integrated	4/9/2014	0.0	NA	10.40	50.46	2,329.11
Maine	Versant Power		D-2013-00443	Electric	Distribution	12/6/2013	8.1	7.74	10.20	50.00	234.85
Maryland	Potomac Electric Power Co.	EXC	C-9336	Electric	Distribution	12/4/2013	37.4	7.92	10.25	49.18	1,414.15
Louisiana	Entergy Louisiana LLC	ETR	D-UD-13-01	Electric	Vertically Integrated	3/28/2013	11.4	8.19	10.40	52.80	106.73
New Jersey	Rockland Electric Company	ED	D-ER-13111135	Electric	Distribution	11/27/2013	23.3	8.23	10.25	52.20	194.70
Maine	Central Maine Power Co.	IBE	D-2013-00168	Electric	Distribution	5/1/2013	41.4	7.59	10.15	50.00	800.00
Wyoming	Cheyenne Light Fuel Power Co.	BKH	D-20003-132-ER-13	Electric	Vertically Integrated	12/2/2013	12.8	8.32	10.25	54.00	376.00
New Jersey	Atlantic City Electric Co.	EXC	D-ER-14030245	Electric	Distribution	3/14/2014	61.7	8.01	10.25	50.04	1,353.02
Vermont	Green Mountain Power Corp.		D-8190, 8191	Electric	Vertically Integrated	12/20/2013	(0.2)	7.61	10.00	48.97	1,187.00
Utah	PacifiCorp	BRK.A	D-13-035-184	Electric	Vertically Integrated	1/3/2014	76.3	7.72	10.00	51.60	6,029.33
Texas	Lone Star Transmission LLC	NEE	D-42469	Electric	Transmission	5/15/2014	91.3	6.66	10.25	45.00	693.86
Florida	Florida Public Utilities Co.	CPK	D-140025-EI	Electric	Vertically Integrated	4/28/2014	5.9	7.18	11.25	46.47	60.60
Nevada	Nevada Power Co.	BRK.A	D-14-05004	Electric	Vertically Integrated	5/2/2014	37.8	8.25	10.12	48.17	5,249.68
Illinois	MidAmerican Energy Co.	BRK.A	D-14-0066	Electric	Vertically Integrated	12/16/2013	20.9	7.72	10.70	51.73	334.84
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-123 (Elec)	Electric	Vertically Integrated	4/1/2014	76.8	8.72	10.60	50.50	1,579.76
Wisconsin	Wisconsin Electric Power Co.	WEC	D-05-UR-107 (WEP-Elec)	Electric	Vertically Integrated	5/30/2014	78.5	8.60	10.20	51.90	4,432.94
Virginia	Appalachian Power Co.	AEP	C-PUE-2014-00026	Electric	Vertically Integrated	3/31/2014	0.0	7.47	10.52	45.14	2,372.98
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-120 (Elec)	Electric	Vertically Integrated	4/17/2014	11.5	8.02	10.20	58.90	575.19
Oregon	Portland General Electric Co.	POR	D-UE-283	Electric	Vertically Integrated	2/13/2014	110.6	7.78	10.00	50.00	3,859.79
Illinois	Ameren Illinois	AEE	D-14-0317	Electric	Distribution	4/17/2014	201.3	8.08	9.25	51.00	2,260.71
Illinois	Commonwealth Edison Co.	EXC	D-14-0312	Electric	Distribution	4/16/2014	270.0	7.06	9.25	45.77	7,368.75
Mississippi	Entergy Mississippi LLC	ETR	D-2014-UN-0132	Electric	Vertically Integrated	6/10/2014	204.5	7.81	10.59	NA	2,022.49
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-120 (Elec)	Electric	Vertically Integrated	5/30/2014	20.6	NA	10.20	52.54	NA
Connecticut	The CT Light & Power Co	ES	D-14-05-06	Electric	Distribution	6/9/2014	221.1	7.84	10.20	50.38	3,406.47
Colorado	Black Hills Colorado Electric	BKH	D-14AL-0393E	Electric	Vertically Integrated	4/30/2014	13.2	7.83	10.30	50.54	457.78
Wyoming	PacifiCorp	BRK.A	D-20000-446-ER-14	Electric	Vertically Integrated	3/3/2014	32.6	7.67	10.00	51.43	2,072.88
Colorado	Public Service Co. of CO	XEL	D-14AL-0660E	Electric	Vertically Integrated	6/17/2014	28.5	7.79	10.25	56.00	6,388.20
New Jersey	Jersey Cntrl Power & Light Co.	FE	D-ER-12111052	Electric	Distribution	11/30/2012	11.0	8.66	11.00	53.80	2,024.17
Washington	PacifiCorp	BRK.A	D-UE-140762	Electric	Vertically Integrated	5/1/2014	30.4	7.67	10.00	51.73	829.00
Minnesota	Northern States Power Co.	XEL	D-E-002/GR-13-868	Electric	Vertically Integrated	11/4/2013	248.1	7.65	10.25	52.50	7,042.00
Michigan	Wisconsin Public Service Corp.	WEC	C-U-17669	Electric	Vertically Integrated	10/17/2014	5.7	6.21	10.60	40.82	61.25
Missouri	Union Electric Co.	AEE	C-ER-2014-0258	Electric	Vertically Integrated	7/3/2014	181.2	8.05	10.40	51.76	6,976.39
Texas	Cross Texas Transmission		D-43950	Electric	Transmission	12/23/2014	33.2	6.95	10.58	45.00	446.72
West Virginia	Appalachian Power Co.	AEP	C-14-1152-E-42T	Electric	Vertically Integrated	6/30/2014	226.1	7.79	10.62	47.16	3,992.89
New York	Central Hudson Gas & Electric	FTS	C-14-E-0318	Electric	Distribution	7/25/2014	40.1	6.82	9.00	48.00	850.81

New York	Consolidated Edison Co. of NY	ED	C-15-E-0050/C-13-E-0030 (Ext)	Electric	Distribution	1/30/2015	368.1	7.35	10.00	48.00	18,134.00
Missouri	Evergy Metro Inc	EVRG	C-ER-2014-0370	Electric	Vertically Integrated	10/30/2014	112.7	7.93	10.30	50.09	2,584.14
Kansas	Evergy Metro Inc	EVRG	D-15-KCPE-116-RTS	Electric	Vertically Integrated	1/2/2015	56.3	7.94	10.30	50.48	2,087.48
Texas	Wind Energy Transmission Texas		D-44746	Electric	Transmission	5/28/2015	80.5	6.82	10.25	45.00	847.33
New York	Orange & Rockland Utlts Inc.	ED	C-14-E-0493	Electric	Distribution	11/14/2014	33.9	7.51	9.75	48.00	821.55
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-124 (Elec)	Electric	Vertically Integrated	4/17/2015	96.9	8.27	10.20	50.52	1,840.57
Michigan	Consumers Energy Co.	CMS	C-U-17735	Electric	Vertically Integrated	12/5/2014	198.6	6.38	10.70	41.50	9,247.69
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-121 (Elec)	Electric	Vertically Integrated	5/29/2015	27.4	8.07	10.20	52.59	1,188.89
Illinois	Ameren Illinois	AEE	D-15-0305	Electric	Distribution	4/24/2015	98.5	7.65	9.14	50.00	2,489.88
Illinois	Commonwealth Edison Co.	EXC	D-15-0287	Electric	Distribution	4/15/2015	(53.8)	7.05	9.14	46.25	8,277.12
Michigan	DTE Electric Co.	DTE	C-U-17767	Electric	Vertically Integrated	12/19/2014	348.7	5.87	10.75	38.03	13,549.15
Oregon	Portland General Electric Co.	POR	D-UE-294	Electric	Vertically Integrated	2/12/2015	122.3	7.67	9.90	50.00	4,470.48
Texas	Southwestern Public Service Co	XEL	D-43695	Electric	Vertically Integrated	12/8/2014	42.1	8.28	10.25	53.97	1,538.38
Idaho	Avista Corp.	AVA	C-AVU-E-15-05	Electric	Vertically Integrated	6/1/2015	26.9	7.62	9.90	50.00	766.97
Wyoming	PacifiCorp	BRK.A	D-20000-469-ER-15	Electric	Vertically Integrated	3/2/2015	26.9	7.60	9.85	51.44	2,120.36
Washington	Avista Corp.	AVA	D-UE-150204	Electric	Vertically Integrated	2/9/2015	33.2	7.46	9.90	48.00	1,464.30
Arkansas	Entergy Arkansas LLC	ETR	D-15-015-U	Electric	Vertically Integrated	4/24/2015	268.5	4.86	10.20	30.16	5,928.76
Indiana	AES Indiana	AES	Ca-44576	Electric	Vertically Integrated	12/29/2014	65.6	6.91	10.93	37.33	1,964.99
Massachusetts	Fitchburg Gas & Electric Light	UTL	DPU 15-80	Electric	Distribution	6/16/2015	3.8	8.72	10.25	52.92	57.25
Maryland	Baltimore Gas and Electric Co.	EXC	C-9406 (elec)	Electric	Distribution	11/6/2015	115.6	7.95	10.60	53.70	3,003.09
New Mexico	El Paso Electric Co.		C-15-00127-UT	Electric	Vertically Integrated	5/11/2015	6.4	7.90	9.95	49.29	435.96
New York	NY State Electric & Gas Corp.	IBE	C-15-E-0283	Electric	Distribution	5/20/2015	123.8	7.32	10.06	50.00	1,797.60
New York	Rochester Gas & Electric Co	IBE	C-15-E-0285	Electric	Distribution	5/20/2015	42.5	8.15	10.06	50.00	1,240.69
Indiana	Northern IN Public Svc Co.	NI	Ca-44688	Electric	Vertically Integrated	10/1/2015	119.5	6.78	10.75	45.20	3,437.72
Tennessee	Kingsport Power Company	AEP	D-16-00001	Electric	Vertically Integrated	1/4/2016	12.1	6.69	10.66	42.43	71.50
Arizona	UNS Electric Inc.	FTS	D-E-04204A-15-0142	Electric	Vertically Integrated	5/5/2015	15.1	7.22	9.50	52.83	270.29
New Jersey	Atlantic City Electric Co.	EXC	D-ER-16030252	Electric	Distribution	3/22/2016	79.4	8.06	10.60	49.48	1,300.00
Washington	PacifiCorp	BRK.A	D-UE-152253	Electric	Vertically Integrated	11/25/2015	20.3	7.30	9.50	49.10	874.15
Michigan	Upper Peninsula Power Co.		C-U-17895	Electric	Vertically Integrated	9/18/2015	8.5	7.87	10.75	54.13	243.55
New Mexico	Public Service Co. of NM	PNM	C-15-00261-UT	Electric	Vertically Integrated	8/27/2015	123.5	8.17	10.50	49.61	2,458.09
Massachusetts	Massachusetts Electric Co.	NG.	DPU-15-155	Electric	Distribution	11/6/2015	201.9	8.13	10.50	51.98	1,799.53
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-121 (Elec)	Electric	Vertically Integrated	4/8/2016	6.9	8.32	10.20	58.06	573.37
Oklahoma	Public Service Co. of OK	AEP	Ca-PUD201500208	Electric	Vertically Integrated	7/1/2015	84.4	7.60	10.50	48.00	2,062.16
Maryland	Potomac Electric Power Co.	EXC	C-9418	Electric	Distribution	4/19/2016	102.8	8.01	10.60	49.55	1,728.57
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-120 (Elec)	Electric	Vertically Integrated	5/20/2016	12.9	7.91	10.00	52.20	2,851.38
Florida	Florida Power & Light Co.	NEE	D-160021-EI	Electric	Vertically Integrated	3/15/2016	1,304.6	6.70	11.50	45.35	33,893.50
California	Liberty Utilities (CalPeco Ele	AQN	A-15-05-008	Electric	Vertically Integrated	5/1/2015	11.4	7.92	10.50	55.00	150.93
Illinois	Ameren Illinois	AEE	D-16-0262	Electric	Distribution	4/15/2016	(8.7)	7.28	8.64	50.00	2,556.58
Illinois	Commonwealth Edison Co.	EXC	D-16-0259	Electric	Distribution	4/13/2016	135.7	6.71	8.64	45.62	8,831.12
South Carolina	Duke Energy Progress LLC	DUK	D-2016-227-E	Electric	Vertically Integrated	7/1/2016	79.0	7.55	10.75	53.00	1,318.99
New Jersey	Jersey Cntrl Power & Light Co.	FE	D-ER-16040383	Electric	Distribution	4/28/2016	142.1	8.69	11.20	54.00	2,229.13
Connecticut	The United Illuminating Co.	IBE	D-16-06-04	Electric	Distribution	7/1/2016	98.3	7.58	9.92	52.00	1,032.64
Maine	Versant Power		D-2015-00360	Electric	Distribution	3/21/2016	7.2	7.72	10.25	49.00	262.81
Colorado	Black Hills Colorado Electric	BKH	D-16AL-0326E	Electric	Vertically Integrated	5/3/2016	14.4	7.56	9.83	50.92	510.73
Nevada	Sierra Pacific Power Co.	BRK.A	D-16-06006	Electric	Vertically Integrated	6/6/2016	21.6	6.97	10.26	48.03	1,652.55
North Carolina	Virginia Electric & Power Co.	D	D-E-22, Sub 532	Electric	Vertically Integrated	3/31/2016	46.8	7.80	10.50	53.92	1,047.15
Idaho	Avista Corp.	AVA	C-AVU-E-16-03	Electric	Vertically Integrated	5/26/2016	15.4	7.78	9.90	50.00	754.64
Wyoming	MDU Resources Group	MDU	D-20004-117-ER-16	Electric	Vertically Integrated	6/10/2016	3.2	8.00	10.10	50.99	72.31
New York	Consolidated Edison Co. of NY	ED	C-16-E-0060	Electric	Distribution	1/29/2016	479.6	7.31	9.75	48.00	18,926.57
Michigan	DTE Electric Co.	DTE	C-U-18014	Electric	Vertically Integrated	2/1/2016	325.2	5.71	10.50	37.49	14,444.51
Maryland	Delmarva Power & Light Co.	EXC	C-9424	Electric	Distribution	7/20/2016	57.0	7.24	10.60	49.10	726.80
New Jersey	Rockland Electric Company	ED	D-ER-16050428	Electric	Distribution	5/13/2016	8.8	7.79	10.20	49.81	190.12
Arizona	Tucson Electric Power Co.	FTS	D-E-01933A-15-0322	Electric	Vertically Integrated	11/5/2015	109.5	7.34	10.35	50.03	2,104.68
Michigan	Consumers Energy Co.	CMS	C-U-17990	Electric	Vertically Integrated	3/1/2016	208.2	6.18	10.70	40.75	10,187.09
Minnesota	Otter Tail Power Co.	OTTR	D-E-017/GR-15-1033	Electric	Vertically Integrated	2/16/2016	14.6	7.85	10.05	52.50	482.36
Oklahoma	Oklahoma Gas and Electric Co.	OGE	Ca-PUD201500273	Electric	Vertically Integrated	12/18/2015	149.5	8.09	10.25	53.31	4,152.33
Florida	Gulf Power Co.	NEE	D-160186-EI	Electric	Vertically Integrated	10/12/2016	106.8	6.04	11.00	40.07	2,418.92
New Hampshire	Liberty Utilities Granite St	AQN	D-DE-16-383	Electric	Distribution	4/29/2016	5.7	8.31	10.30	55.00	96.59
New Hampshire	Unitil Energy Systems Inc.	UTL	D-DE-16-384	Electric	Distribution	4/29/2016	6.6	8.75	10.30	50.97	152.23
Missouri	Evergy Metro Inc	EVRG	C-ER-2016-0285	Electric	Vertically Integrated	7/1/2016	65.2	7.70	9.90	49.72	2,529.30
Minnesota	Northern States Power Co.	XEL	D-E-002/GR-15-826	Electric	Vertically Integrated	11/2/2015	297.1	7.51	10.00	52.50	7,681.16
Arkansas	Oklahoma Gas and Electric Co.	OGE	D-16-052-U	Electric	Vertically Integrated	8/25/2016	15.2	6.01	10.25	39.67	529.15
Delaware	Delmarva Power & Light Co.	EXC	D-16-0649	Electric	Distribution	5/17/2016	60.2	7.19	10.60	49.44	838.53
North Dakota	MDU Resources Group	MDU	C-PU-16-666	Electric	Vertically Integrated	10/14/2016	14.1	7.46	10.00	50.23	541.77
Kentucky	Kentucky Utilities Co.	PPL	C-2016-00370	Electric	Vertically Integrated	11/23/2016	103.1	7.29	10.23	53.28	3,638.80
Kentucky	Louisville Gas & Electric Co.	PPL	C-2016-00371 (elec.)	Electric	Vertically Integrated	11/23/2016	93.6	7.24	10.23	53.27	2,404.58
District of Columbi	Potomac Electric Power Co.	EXC	FC-1139	Electric	Distribution	6/30/2016	77.5	8.00	10.60	49.14	1,714.83
Arizona	Arizona Public Service Co.	PNW	D-E-01345A-16-0036	Electric	Vertically Integrated	6/1/2016	433.4	8.13	10.50	55.80	6,771.15
New Jersey	Atlantic City Electric Co.	EXC	D-ER-17030308	Electric	Distribution	3/30/2017	84.6	7.85	10.10	50.47	1,405.44
Texas	Oncor Electric Delivery Co.	SRE	D-46957	Electric	Distribution	3/17/2017	316.9	7.75	10.25	45.00	10,989.50
Maryland	Potomac Electric Power Co.	EXC	C-9443	Electric	Distribution	3/24/2017	67.0	7.74	10.10	50.15	1,683.41
California	San Diego Gas & Electric Co.	SRE	Advice No. 3120-E	Electric	Vertically Integrated	9/29/2017	(13.1)	7.55	10.20	52.00	NA
California	Pacific Gas and Electric Co.	PCG	Advise No. 3887-G/5148-E	Electric	Vertically Integrated	9/29/2017	(120.0)	7.69	10.25	52.00	NA
California	Southern California Edison Co.	EIX	Advice No. 3665-E	Electric	Vertically Integrated	9/29/2017	(73.0)	7.61	10.30	48.00	NA
Florida	Tampa Electric Co.	EMA	D-20170210-EI	Electric	Vertically Integrated	9/27/2017	0.0	NA	10.25	NA	NA
Alaska	Alaska Electric Light Power	AVA	D-U-16-086	Electric	Vertically Integrated	9/16/2016	5.7	9.98	13.80	58.18	123.04
Massachusetts	NSTAR Electric Co.	ES	DPU 17-05 (NSTAR)	Electric	Distribution	1/17/2017	60.2	7.61	10.50	53.37	2,734.40
Massachusetts	Western Massachusetts Electric	ES	DPU 17-05 (WMECO)	Electric	Distribution	1/17/2017	35.7	7.62	10.50	53.34	440.87
Washington	Puget Sound Energy Inc.		D-UE-170033	Electric	Vertically Integrated	1/13/2017	144.0	7.74	9.80	48.50	5,097.75
Illinois	Ameren Illinois	AEE	D-17-0197	Electric	Distribution	4/13/2017	(16.4)	7.04	8.40	50.00	2,738.55
Illinois	Commonwealth Edison Co.	EXC	D-17-0196	Electric	Distribution	4/13/2017	99.2	6.47	8.40	45.89	9,661.98
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-123 (Elec)	Electric	Vertically Integrated	5/4/2017	24.7	7.84	10.00	52.53	1,218.58
Texas	Southwestern Electric Power Co	AEP	D-46449	Electric	Vertically Integrated	12/16/2016	105.9	7.38	10.00	48.46	1,238.89
Texas	El Paso Electric Co.		D-46831	Electric	Vertically Integrated	2/13/2017	39.2	8.14	10.50	48.35	1,691.65
Oregon	Portland General Electric Co.	POR	D-UE-319	Electric	Vertically Integrated	2/28/2017	99.9	7.46	9.75	50.00	4,594.05
New Mexico	Public Service Co. of NM	PNM	C-16-00276-UT	Electric	Vertically Integrated	12/7/2016	99.2	7.51	10.13	49.61	2,381.20
Vermont	Green Mountain Power Corp.		C-17-3112-INV	Electric	Vertically Integrated	4/14/2017	31.7	7.07	9.50	48.63	1,458.10
Idaho	Avista Corp.	AVA	C-AVU-E-17-01	Electric	Vertically Integrated	6/9/2017	28.5	7.81	9.90	50.00	811.60
Nevada	Nevada Power Co.	BRK.A	D-17-06003	Electric	Vertically Integrated	6/5/2017	28.9	8.30	10.10	49.99	5,046.00
Kentucky	Kentucky Power Co.	AEP	C-2017-00179	Electric	Vertically Integrated	6/28/2017	60.4	6.75	10.31	41.68	1,191.79
Oklahoma	Public Service Co. of OK	AEP	Ca-PUD201700151	Electric	Vertically Integrated	6/30/2017	169.7	7.22	10.00	48.50	2,527.47
Iowa	Interstate Power & Light Co.	LNT	D-RPU-2017-0001	Electric	Vertically Integrated	4/3/2017	168.0	7.74	10.57	49.05	4,274.62
North Carolina	Duke Energy Progress LLC	DUK	D-E-2, Sub 1142	Electric	Vertically Integrated	6/1/2017	348.5	7.09	9.90	52.00	8,171.04
Minnesota	Minnesota Power Entrprs Inc.	ALE	D-E-015/GR-16-664	Electric	Vertically Integrated	11/2/2016	48.0	7.55	10.15	53.81	2,083.09
New York	Niagara Mohawk Power Corp.	NG.	C-17-E-0238	Electric	Distribution	4/28/2017	261.0	6.93	9.79	48.00	5,207.22
Michigan	Consumers Energy Co.	CMS	C-U-18322	Electric	Vertically Integrated	3/31/2017	147.7	6.09	10.50	40.89	10,258.46
Michigan	Indiana Michigan Power Co.	AEP	C-U-18370	Electric	Vertically Integrated	5/15/2017	51.7	6.02	10.60	36.38	1,014.57
Kentucky	Duke Energy Kentucky Inc.	DUK	C-2017-00321	Electric	Vertically Integrated	9/1/2017	48.6	7.08	10.30	48.89	705.05
Connecticut	The CT Light & Power Co	ES	D-17-10-46	Electric	Distribution	11/22/2017	337.0	7.70	10.50	53.45	3,899.73
Michigan	DTE Electric Co.	DTE	C-U-18255	Electric	Vertically Integrated	4/19/2017	212.3	5.57	10.50	37.59	15,376.51
Washington	Avista Corp.	AVA	D-UE-170485	Electric	Vertically Integrated	5/26/2017	50.3	7.76	9.90	50.00	1,592.17
Indiana	Indiana Michigan Power Co.	AEP	Ca-44967	Electric	Vertically Integrated	7/26/2017	192.6	5.97	10.60	37.04	4,185.06
Maryland	Potomac Electric Power Co.	EXC	C-9472	Electric	Distribution	1/2/2018	3.3	7.74	10.10	50.44	1,812.76
New York	Central Hudson Gas & Electric	FTS	C-17-E-0459	Electric	Distribution	7/28/2017	63.4	6.99	9.50	50.00	983.39
Hawaii	Hawaiian Electric Co.	HE	D-2016-0328	Electric	Vertically Integrated	12/16/2016	125.0	8.28	10.60	57.36	2,131.35

North Carolina	Duke Energy Carolinas LLC	DUK	D-E-7, Sub 1146	Electric	Vertically Integrated	8/25/2017	472.2	7.35	9.90	52.00	NA
Maine	Versant Power		D-2017-00198	Electric	Distribution	10/2/2017	10.0	7.25	9.50	49.00	307.31
Hawaii	Hawaii Electric Light Co	HE	D-2015-0170	Electric	Vertically Integrated	9/19/2016	19.3	8.44	10.60	57.12	478.77
District of Columbi	Potomac Electric Power Co.	EXC	FC-1150	Electric	Distribution	12/19/2017	26.3	7.74	10.10	50.28	1,872.43
Delaware	Delmarva Power & Light Co.	EXC	D-17-0977	Electric	Distribution	8/17/2017	10.9	6.98	10.10	50.52	810.64
Rhode Island	Narragansett Electric Co.	NG.	D-4770 (electric)	Electric	Distribution	11/27/2017	18.9	7.43	10.10	50.97	730.08
New Mexico	Southwestern Public Service Co	XEL	C-17-00255-UT	Electric	Vertically Integrated	10/27/2017	27.3	7.84	10.25	58.00	877.46
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-121 (Elec)	Electric	Vertically Integrated	5/24/2018	0.0	7.08	10.00	52.00	3,955.30
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-122 (Elec)	Electric	Vertically Integrated	7/17/2018	(8.0)	7.10	9.80	56.06	860.54
North Dakota	Otter Tail Power Co.	OTTR	C-PU-17-398	Electric	Vertically Integrated	11/2/2017	10.1	7.92	10.30	52.50	364.77
Ohio	AES Ohio	AES	C-15-1830-EL-AIR	Electric	Distribution	11/30/2015	65.8	7.86	10.50	50.00	683.78
Kansas	Evergy Kansas Central Inc.	EVRG	D-18-WSEE-328-RTS	Electric	Vertically Integrated	2/1/2018	68.3	7.33	9.85	51.36	5,753.01
Pennsylvania	UGI Utilities Inc.	UGI	D-R-2017-2640058	Electric	Distribution	1/26/2018	7.7	8.24	11.25	54.02	119.24
New Jersey	Public Service Electric Gas	PEG	D-ER18010029	Electric	Distribution	1/12/2018	172.7	7.36	10.30	54.00	5,664.07
Indiana	AES Indiana	AES	Ca-45029	Electric	Vertically Integrated	12/21/2017	88.3	6.82	10.32	40.21	3,368.50
Illinois	Ameren Illinois	AEE	D-18-0807	Electric	Distribution	4/16/2018	73.7	6.99	8.69	50.00	2,951.88
Illinois	Commonwealth Edison Co.	EXC	D-18-0808	Electric	Distribution	4/16/2018	(26.1)	6.52	8.69	47.11	10,675.24
Kansas	Evergy Metro Inc	EVRG	D-18-KCPE-480-RTS	Electric	Vertically Integrated	5/1/2018	32.9	7.38	9.85	49.75	2,329.02
Oregon	Portland General Electric Co.	POR	D-UE-335	Electric	Vertically Integrated	2/15/2018	75.5	7.31	9.50	50.00	4,857.60
Ohio	Duke Energy Ohio Inc.	DUK	C-17-0032-EL-AIR	Electric	Distribution	3/2/2017	15.4	7.82	10.40	50.75	1,338.49
Texas	Texas-New Mexico Power Co.	PNM	D-48401	Electric	Distribution	5/30/2018	31.3	8.85	10.50	50.00	522.41
Vermont	Green Mountain Power Corp.		C-18-0974-TF	Electric	Vertically Integrated	4/13/2018	23.5	6.97	9.30	49.85	1,558.69
Michigan	Consumers Energy Co.	CMS	C-U-20134	Electric	Vertically Integrated	5/14/2018	43.9	6.28	10.75	41.90	10,638.74
West Virginia	Appalachian Power Co.	AEP	C-18-0646-E-42T	Electric	Vertically Integrated	5/9/2018	95.3	7.52	10.22	50.16	4,124.37
New Jersey	Atlantic City Electric Co.	EXC	D-ER18080925	Electric	Distribution	8/21/2018	130.2	7.33	10.10	49.94	1,592.61
New York	Orange & Rockland Utlts Inc.	ED	C-18-E-0067	Electric	Distribution	1/26/2018	30.4	7.35	9.75	48.00	877.64
Oklahoma	Public Service Co. of OK	AEP	Ca-PUD201800097	Electric	Vertically Integrated	9/26/2018	88.5	7.41	10.30	48.14	2,513.28
Maryland	The Potomac Edison Co.	FE	C-9490	Electric	Distribution	8/24/2018	17.6	7.75	10.80	52.82	471.12
Kentucky	Kentucky Utilities Co.	PPL	C-2018-00294	Electric	Vertically Integrated	9/28/2018	112.5	7.56	10.42	52.84	4,099.14
Kentucky	Louisville Gas & Electric Co.	PPL	C-2018-00295 (elec.)	Electric	Vertically Integrated	9/28/2018	34.9	7.62	10.42	52.84	2,593.43
South Carolina	Duke Energy Carolinas LLC	DUK	D-2018-319-E	Electric	Vertically Integrated	11/8/2018	225.2	7.69	10.50	53.00	5,624.95
Michigan	DTE Electric Co.	DTE	C-U-20162	Electric	Vertically Integrated	7/6/2018	396.8	5.72	10.50	38.72	17,152.35
South Carolina	Duke Energy Progress LLC	DUK	D-2018-318-E	Electric	Vertically Integrated	11/8/2018	68.5	7.52	10.50	53.00	1,512.51
South Dakota	Otter Tail Power Co.	OTTR	D-EL18-021	Electric	Vertically Integrated	4/20/2018	5.7	7.91	10.30	52.92	NA
Hawaii	Maui Electric Company Ltd	HE	D-2017-0150	Electric	Vertically Integrated	10/12/2017	21.2	8.05	10.60	56.94	482.42
Michigan	Upper Peninsula Power Co.		C-U-20276	Electric	Vertically Integrated	9/21/2018	7.1	7.68	10.50	49.94	267.72
Maryland	Potomac Electric Power Co.	EXC	C-9602	Electric	Distribution	1/15/2019	26.7	7.81	10.30	50.46	1,973.61
Vermont	Green Mountain Power Corp.		C-19-1932-TF	Electric	Vertically Integrated	6/13/2019	17.9	6.90	9.16	49.46	1,622.52
Wisconsin	Northern States Power Co.	XEL	D- 4220-UR-124 (Elec)	Electric	Vertically Integrated	5/23/2019	0.0	7.74	10.00	52.52	1,482.79
Massachusetts	Massachusetts Electric Co.	NG.	DPU-18-150	Electric	Distribution	11/15/2018	116.0	8.04	10.50	53.49	2,218.49
Wisconsin	Wisconsin Electric Power Co.	WEC	D-05-UR-109 (WEP-Elec)	Electric	Vertically Integrated	3/28/2019	223.3	9.40	10.35	53.99	4,846.53
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-126 (Elec)	Electric	Vertically Integrated	3/28/2019	101.9	8.17	10.35	51.46	2,614.73
Louisiana	Entergy New Orleans LLC	ETR	D-UD-18-07 (elec.)	Electric	Vertically Integrated	9/21/2018	135.1	7.79	10.50	52.20	769.32
Idaho	Avista Corp.	AVA	C-AVU-E-19-04	Electric	Vertically Integrated	6/10/2019	5.3	7.55	9.90	50.00	836.82
Illinois	Commonwealth Edison Co.	EXC	D-19-0387	Electric	Distribution	4/8/2019	(2.7)	6.51	8.91	47.97	11,355.13
Indiana	Northern IN Public Svc Co.	NI	Ca-45159	Electric	Vertically Integrated	10/31/2018	109.5	7.02	10.80	47.86	4,115.50
Illinois	Ameren Illinois	AEE	D-19-0436	Electric	Distribution	4/18/2019	(3.0)	6.71	8.91	50.00	3,180.74
Maryland	Baltimore Gas and Electric Co.	EXC	C-9610 (EL)	Electric	Distribution	5/24/2019	80.7	7.26	10.30	52.00	3,457.32
Georgia	Georgia Power Co.	SO	D-42516	Electric	Vertically Integrated	6/28/2019	937.0	7.93	10.90	56.00	20,079.35
California	San Diego Gas & Electric Co.	SRE	A-19-04-017 (Elec)	Electric	Vertically Integrated	4/22/2019	NA	8.95	12.38	56.00	NA
California	Pacific Gas and Electric Co.	PCG	A-19-04-015	Electric	Vertically Integrated	4/22/2019	396.0	NA	12.00	52.00	NA
California	Southern California Edison Co.	EIX	A-19-04-014	Electric	Vertically Integrated	4/22/2019	204.0	8.28	11.45	52.00	NA
Arkansas	Southwestern Electric Power Co	AEP	D-19-008-U	Electric	Vertically Integrated	2/28/2019	69.5	5.10	10.50	NA	1,155.04
Montana	NorthWestern Corp.	NWE	D2018.2.12	Electric	Vertically Integrated	9/28/2018	30.7	7.42	10.65	49.38	2,334.10
Nevada	Sierra Pacific Power Co.	BRK.A	D-19-06002	Electric	Vertically Integrated	6/3/2019	6.0	7.11	10.21	50.92	1,818.84
Iowa	Interstate Power & Light Co.	LNT	D-RPU-2019-0001	Electric	Vertically Integrated	3/1/2019	203.3	7.54	10.25	53.00	6,244.90
New York	Consolidated Edison Co. of NY	ED	C-19-E-0065	Electric	Distribution	1/31/2019	469.6	7.19	9.75	50.00	21,835.67
New Jersey	Rockland Electric Company	ED	D-ER19050552	Electric	Distribution	5/3/2019	20.3	7.37	9.60	50.16	253.28
Michigan	Indiana Michigan Power Co.	AEP	C-U-20359	Electric	Vertically Integrated	6/24/2019	50.4	6.34	10.50	40.16	1,131.20
California	PacifiCorp	BRK.A	A-18-04-002	Electric	Vertically Integrated	4/12/2018	0.8	NA	10.60	51.96	NA
Colorado	Public Service Co. of CO	XEL	D-19AL-0268E	Electric	Vertically Integrated	5/20/2019	353.3	7.53	10.20	55.61	8,326.36
Texas	CenterPoint Energy Houston	CNP	D-49421	Electric	Distribution	4/5/2019	188.9	7.39	10.40	50.00	6,415.24
Maine	Central Maine Power Co.	IBE	D-2018-00194	Electric	Distribution	10/15/2018	44.8	7.45	10.00	55.00	952.47
North Carolina	Virginia Electric & Power Co.	D	E-22, Sub 562	Electric	Vertically Integrated	3/29/2019	24.2	7.83	10.75	53.65	1,152.25
Texas	AEP Texas Inc.	AEP	D-49494	Electric	Distribution	5/1/2019	59.1	7.08	10.50	45.00	2,433.98
Indiana	Indiana Michigan Power Co.	AEP	Ca-45235	Electric	Vertically Integrated	5/14/2019	172.0	5.91	10.50	37.55	4,946.96
Washington	Avista Corp.	AVA	D-UE-190334	Electric	Vertically Integrated	4/30/2019	45.8	7.52	9.90	50.00	1,708.30
Massachusetts	Fitchburg Gas & Electric Light	UTL	DPU 19-130	Electric	Distribution	12/17/2019	2.7	8.41	10.50	52.45	77.45
Kentucky	Duke Energy Kentucky Inc.	DUK	C-2019-00271	Electric	Vertically Integrated	9/3/2019	45.6	6.71	9.80	48.23	946.43
Michigan	DTE Electric Co.	DTE	C-U-20561	Electric	Vertically Integrated	7/8/2019	343.2	5.73	10.50	38.32	18,167.55
New Mexico	Southwestern Public Service Co	XEL	C-19-00170-UT	Electric	Vertically Integrated	7/1/2019	46.6	7.54	10.10	54.77	1,269.65
Indiana	Duke Energy Indiana, LLC	DUK	Ca-45253	Electric	Vertically Integrated	7/2/2019	361.8	6.00	10.40	40.98	10,195.19
New Hampshire	Liberty Utilities Granite St	AQN	D-DE-19-064	Electric	Distribution	4/30/2019	6.7	8.19	10.00	55.00	103.02
Missouri	Empire District Electric Co.	AQN	C-ER-2019-0374	Electric	Vertically Integrated	8/14/2019	26.5	7.50	9.95	51.91	1,457.36
Washington	Puget Sound Energy Inc.		D-UE-190529	Electric	Vertically Integrated	6/20/2019	138.4	7.48	9.50	48.50	5,436.02
Maryland	Delmarva Power & Light Co.	EXC	C-9630	Electric	Distribution	12/5/2019	17.5	7.19	10.30	50.53	852.62
Hawaii	Hawaii Electric Light Co	HE	D-2018-0368	Electric	Vertically Integrated	12/14/2018	13.4	8.30	10.50	56.91	536.93
Vermont	Green Mountain Power Corp.		20-1407-TF	Electric	Vertically Integrated	6/1/2020	(0.3)	6.43	8.20	49.87	1,630.90
Texas	Southwestern Public Service Co	XEL	D-49831	Electric	Vertically Integrated	8/8/2019	129.7	7.49	10.10	54.62	2,581.63
California	Liberty Utilities (CalPeco Ele	AQN	A-18-12-001	Electric	Vertically Integrated	12/3/2018	6.7	7.79	10.30	52.50	273.63
Hawaii	Hawaiian Electric Co.	HE	D-2019-0085	Electric	Vertically Integrated	8/21/2019	77.6	7.97	10.50	57.15	2,476.80
New Jersey	Jersey Cntrl Power & Light Co.	FE	D-ER20020146	Electric	Distribution	2/18/2020	185.3	7.76	10.15	52.80	2,623.04
New York	NY State Electric & Gas Corp.	IBE	C-19-E-0378	Electric	Distribution	5/20/2019	162.7	6.61	9.50	50.00	2,445.94
New York	Rochester Gas & Electric Co	IBE	C-19-E-0380	Electric	Distribution	5/20/2019	38.7	7.07	9.50	50.00	1,517.07
Virginia	Appalachian Power Co.	AEP	C-PUR-2020-00015	Electric	Vertically Integrated	3/31/2020	64.9	7.51	9.90	50.31	2,479.19
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-123 (Elec)	Electric	Vertically Integrated	8/28/2020	0.0	6.96	9.80	55.00	1,019.08
Illinois	Ameren Illinois	AEE	D-20-0381	Electric	Distribution	4/14/2020	(31.5)	6.39	8.38	50.00	3,422.03
Illinois	Commonwealth Edison Co.	EXC	D-20-0393	Electric	Distribution	4/16/2020	(13.4)	6.28	8.38	48.16	12,050.34
Nevada	Nevada Power Co.	BRK.A	D-20-06003	Electric	Vertically Integrated	6/1/2020	(99.6)	7.49	10.08	51.37	4,939.56
Washington	PacifiCorp	BRK.A	D-UE-191024	Electric	Vertically Integrated	12/13/2019	29.8	7.69	10.20	52.55	1,015.97
New Hampshire	Public Service Co. of NH	ES	D-DE-19-057	Electric	Distribution	5/28/2019	69.3	7.62	10.40	54.85	1,215.69
Maryland	Baltimore Gas and Electric Co.	EXC	C-9645 (EL)	Electric	Distribution	5/15/2020	137.0	7.09	10.10	52.00	4,714.01
Michigan	Consumers Energy Co.	CMS	C-U-20697	Electric	Vertically Integrated	2/27/2020	229.7	6.03	10.50	42.81	11,842.41
Oregon	PacifiCorp	BRK.A	D-UE-374	Electric	Vertically Integrated	2/14/2020	46.3	7.46	9.80	53.52	4,199.66
Arizona	Tucson Electric Power Co.	FTS	D-E-01933A-19-0028	Electric	Vertically Integrated	4/1/2019	99.0	7.49	10.00	53.08	2,707.04
Wisconsin	Wisconsin Power and Light Co	LNT	D-6680-UR-122 (Elec)	Electric	Vertically Integrated	5/1/2020	0.0	NA	NA	NA	NA
Utah	PacifiCorp	BRK.A	D-20-035-04	Electric	Vertically Integrated	5/8/2020	72.0	7.48	9.80	53.67	7,745.61
Kentucky	Kentucky Power Co.	AEP	C-2020-00174	Electric	Distribution	6/29/2020	70.1	6.58	10.00	43.25	1,399.89
North Carolina	Duke Energy Carolinas LLC	DUK	D-E-7, Sub 1214	Electric	Vertically Integrated	9/30/2019	357.2	7.04	9.60	52.00	17,017.58
North Carolina	Duke Energy Progress LLC	DUK	D-E-2, Sub 1219	Electric	Vertically Integrated	10/30/2019	343.7	6.92	9.60	52.00	10,683.93
Florida	Duke Energy Florida LLC	DUK	D-20210016-EI	Electric	Vertically Integrated	1/14/2021	195.4	6.14	9.85	44.84	NA
Wyoming	PacifiCorp	BRK.A	D-20000-578-ER-20	Electric	Vertically Integrated	3/4/2020	9.1	7.47	9.80	53.52	2,373.42
District of Columbi	Potomac Electric Power Co.	EXC	FC-1156	Electric	Distribution	5/30/2019	135.9	7.39	9.70	50.68	2,597.69
New Mexico	El Paso Electric Co.		C-20-00104-UT	Electric	Vertically Integrated	5/29/2020	5.1	7.91	10.30	51.00	467.64
Maryland	Potomac Electric Power Co.	EXC	C-9655	Electric	Distribution	10/26/2020	104.1	7.54	10.20	50.50	2,585.60

Kentucky	Kentucky Utilities Co.	PPL	C-2020-00349	Electric	Vertically Integrated	11/25/2020	170.3	7.21	10.00	53.14	5,233.29
Kentucky	Louisville Gas & Electric Co.	PPL	C-2020-00350 (elec.)	Electric	Vertically Integrated	11/25/2020	128.5	7.17	10.00	53.13	3,449.57
New Jersey	Atlantic City Electric Co.	EXC	D-ER20120746	Electric	Distribution	12/9/2020	66.8	7.34	10.30	50.18	1,822.19
Texas	Sharyland Utilities L.L.C.	SRE	D-51611	Electric	Transmission	12/18/2020	5.9	6.49	10.35	45.00	271.64
South Carolina	Dominion Energy South Carolina	D	D-2020-125-E	Electric	Vertically Integrated	8/14/2020	178.2	8.48	10.25	53.35	5,748.65
Delaware	Delmarva Power & Light Co.	EXC	D-20-0149	Electric	Distribution	3/6/2020	26.3	7.15	10.30	50.37	910.23
North Dakota	Northern States Power Co.	XEL	C-PU-20-441	Electric	Vertically Integrated	11/6/2020	38.1	7.34	10.20	52.50	672.24
Vermont	Green Mountain Power Corp.		21-1963-TF	Electric	Vertically Integrated	6/1/2021	28.9	6.67	8.57	50.42	1,663.67
Idaho	Avista Corp.	AVA	C-AVU-E-21-01	Electric	Vertically Integrated	1/29/2021	33.5	7.30	9.90	50.00	901.08
Washington	Avista Corp.	AVA	D-UE-200900	Electric	Vertically Integrated	10/30/2020	28.5	7.43	9.90	50.00	1,860.61
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Missouri	Union Electric Co.	AEE	C-ER-80-17	Electric	Vertically Integrated	7/6/1979	55.6	10.15	15.00	34.26	NA
Missouri	Evergy Missouri West	EVRG	C-ER-80-53	Electric	Vertically Integrated	8/8/1979	14.7	10.94	13.50	35.00	NA
Missouri	Empire District Electric Co.	AQN	C-ER-80-143	Electric	Vertically Integrated	11/9/1979	16.1	NA	15.60	34.40	NA
South Dakota	Northern States Power Co.	XEL	D-F-3353	Electric	Vertically Integrated	6/23/1980	5.1	10.56	15.50	41.66	NA
Maryland	Baltimore Gas and Electric Co.	EXC	C-7482 0-65066-E	Electric	Vertically Integrated	9/22/1980	29.5	9.55	NA	NA	NA
Missouri	Evergy Missouri West	EVRG	C-ER-81-85	Electric	Vertically Integrated	9/5/1980	29.2	10.51	15.75	30.00	NA
Missouri	Evergy Missouri West	EVRG	C-ER-81-43	Electric	Vertically Integrated	7/24/1980	11.7	10.92	14.00	27.52	NA
Missouri	Union Electric Co.	AEE	C-ER-81-180	Electric	Vertically Integrated	11/26/1980	91.1	10.88	15.50	36.07	NA
Ohio	Ohio Edison Co.	FE	C-81-898-EL-AIR	Electric	Vertically Integrated	3/4/1981	139.2	12.22	17.50	36.19	NA
Missouri	Empire District Electric Co.	AQN	C-ER-81-209	Electric	Vertically Integrated	12/19/1980	15.3	11.80	18.00	36.20	NA
Tennessee	Kingsport Power Company	AEP	D-U-7022	Electric	Vertically Integrated	12/31/1980	8.5	13.78	15.00	39.00	NA
Alabama	Alabama Power Co.	SO	D-18117	Electric	Vertically Integrated	3/19/1981	324.9	11.59	18.00	27.50	NA
Missouri	Union Electric Co.	AEE	C-ER-81-304	Electric	Vertically Integrated	1/2/1981	12.0	10.68	16.25	35.45	NA
Pennsylvania	PPL Electric Utilities Corp.	PPL	C-R-811636	Electric	Vertically Integrated	8/28/1981	118.9	12.75	17.50	33.30	NA
Pennsylvania	Metropolitan Edison Co.	FE	C-R-811601	Electric	Vertically Integrated	6/30/1981	166.2	11.83	19.00	35.08	NA
Pennsylvania	Pennsylvania Electric Co.	FE	C-R-811602	Electric	Vertically Integrated	6/30/1981	92.6	11.45	18.00	33.28	NA
Pennsylvania	West Penn Power Co.	FE	C-R-811836	Electric	Vertically Integrated	2/26/1982	93.9	11.78	18.00	36.50	NA
Alabama	Alabama Power Co.	SO	D-18416	Electric	Vertically Integrated	3/9/1982	456.0	11.00	17.30	26.84	NA
West Virginia	Wheeling Power Co.	AEP	C-82-334-E-42T	Electric	Vertically Integrated	8/12/1982	5.9	16.05	17.50	41.69	NA
Missouri	Union Electric Co.	AEE	C-ER-83-163	Electric	Vertically Integrated	12/3/1982	121.7	12.91	18.16	35.92	NA
Pennsylvania	Duquesne Light Co.		C-R-832337	Electric	Vertically Integrated	4/29/1983	49.9	12.29	17.00	37.40	NA
Ohio	The Cleveland Electric Illumin	FE	C-83-848-EL-COI	Electric	Vertically Integrated	6/22/1983	0.0	NA	NA	NA	NA
Vermont	Central Vermont Public Service		D-4797	Electric	Vertically Integrated	4/27/1983	11.1	13.24	16.60	46.10	NA
Ohio	Ohio Power Co.	AEP	C-83-98-EL-AIR	Electric	Vertically Integrated	2/28/1983	82.2	12.77	17.80	34.30	NA
Wyoming	PacifiCorp	BRK.A	D-9454, SUB 20	Electric	Vertically Integrated	6/28/1983	18.4	12.78	17.10	36.00	NA
Utah	PacifiCorp	BRK.A	C-83-035-06	Electric	Vertically Integrated	6/3/1983	76.6	12.46	15.80	42.13	NA
Maryland	Baltimore Gas and Electric Co.	EXC	C-7770 0-66671-E	Electric	Vertically Integrated	11/2/1983	108.6	11.42	16.00	42.20	2,856.50
Pennsylvania	Metropolitan Edison Co.	FE	C-R-832549	Electric	Vertically Integrated	1/25/1984	19.8	11.17	16.50	40.18	NA
District of Columbi	Potomac Electric Power Co.	EXC	C-813 0-8056, 8127	Electric	Vertically Integrated	11/4/1983	86.0	11.60	16.50	44.04	NA
Massachusetts	Massachusetts Electric Co.	NG.	DPU-84-240	Electric	Vertically Integrated	11/15/1984	(10.0)	NA	NA	NA	NA
Massachusetts	Fitchburg Gas & Electric Light	UTL	DPU-84-145-E	Electric	Vertically Integrated	7/16/1984	6.9	15.57	18.00	37.16	NA
Louisiana	Entergy Louisiana LLC	ETR	D-U-16091	Electric	Vertically Integrated	4/12/1984	591.7	12.82	16.00	37.00	2,902.30
Louisiana	Entergy New Orleans LLC	ETR	D-U-16092 (elec.)	Electric	Vertically Integrated	4/12/1984	133.8	12.45	15.00	37.00	NA
Louisiana	Entergy Louisiana LLC	ETR	D-U-16518	Electric	Vertically Integrated	5/17/1985	576.0	12.75	16.00	37.00	NA
West Virginia	The Potomac Edison Co.	FE	C-84-857-E-42T	Electric	Vertically Integrated	12/6/1984	10.5	11.47	16.00	39.65	NA
Louisiana	Entergy Louisiana LLC	ETR	D-U-16945	Electric	Vertically Integrated	9/23/1985	444.4	12.75	16.00	37.00	NA
Wyoming	PacifiCorp	BRK.A	D-9454, SUB 26	Electric	Vertically Integrated	10/3/1985	17.2	11.57	14.68	36.00	NA
Texas	Southwestern Public Service Co	XEL	D-6465	Electric	Vertically Integrated	8/30/1985	(0.1)	11.95	15.05	44.29	NA
Indiana	Duke Energy Indiana, LLC	DUK	Ca-37414	Electric	Vertically Integrated	2/11/1985	76.7	13.15	20.00	35.93	1,862.00
Louisiana	Entergy New Orleans LLC	ETR	D-CD-85-1 (elec.)	Electric	Vertically Integrated	5/17/1985	118.0	12.75	16.00	37.00	NA
Louisiana	Cleco Power LLC		D-U-16510	Electric	Vertically Integrated	5/10/1985	84.7	12.49	15.90	42.00	690.70
Wyoming	PacifiCorp	BRK.A	D-9441, SUB 25	Electric	Vertically Integrated	12/23/1985	24.1	12.39	15.41	44.09	NA
Louisiana	Entergy Gulf States LA LLC	ETR	D-U-16950	Electric	Vertically Integrated	9/30/1985	454.0	13.42	16.50	40.00	NA
Maine	Central Maine Power Co.	IBE	D-85-212	Electric	Vertically Integrated	12/20/1985	48.8	12.10	14.50	NA	NA
Mississippi	Mississippi Power Co.	SO	C-U-4761	Electric	Vertically Integrated	11/5/1985	0.0	NA	NA	NA	NA
Vermont	Green Mountain Power Corp.		D-5125	Electric	Vertically Integrated	3/17/1986	6.3	12.72	15.50	43.80	NA
Maryland	Delmarva Power & Light Co.	EXC	C-7971 0-67487	Electric	Vertically Integrated	6/26/1986	NA	NA	NA	NA	NA
Texas	Entergy Texas Inc.	ETR	D-6525	Electric	Vertically Integrated	10/1/1985	296.0	13.33	16.50	36.00	NA
Pennsylvania	Metropolitan Edison Co.	FE	C-R-860384	Electric	Vertically Integrated	6/10/1986	57.7	10.78	14.75	43.10	NA
Pennsylvania	Pennsylvania Electric Co.	FE	C-R-860413	Electric	Vertically Integrated	6/10/1986	38.1	10.94	14.50	45.16	NA
Oregon	PacifiCorp	BRK.A	C-UE-52	Electric	Vertically Integrated	6/16/1986	22.6	NA	NA	NA	NA
Connecticut	The United Illuminating Co.	IBE	D-87-01-04	Electric	Vertically Integrated	1/9/1987	NA	NA	NA	NA	NA
Indiana	Indiana Michigan Power Co.	AEP	Ca-38063-S1	Electric	Vertically Integrated	7/11/1986	11.7	NA	NA	NA	NA
Massachusetts	Eastern Edison Company		DPU-88-100	Electric	Vertically Integrated	6/14/1988	11.9	11.55	13.25	41.50	NA
Ohio	The Cleveland Electric Illumin	FE	C-88-170-EL-AIR	Electric	Vertically Integrated	3/8/1988	452.6	11.75	14.00	NA	NA
Ohio	The Toledo Edison Co.	FE	C-88-171-EL-AIR	Electric	Vertically Integrated	3/8/1988	194.6	11.75	14.00	40.45	NA
Louisiana	Entergy Louisiana LLC	ETR	D-CD-86-11,CD-89-1	Electric	Vertically Integrated	7/11/1986	13.8	12.54	15.28	40.00	NA
Nevada	Sierra Pacific Power Co.	BRK.A	D-89-516	Electric	Vertically Integrated	5/5/1989	1.9	10.95	14.00	42.35	NA
Massachusetts	NSTAR Electric Co.	ES	DPU-89-100	Electric	Vertically Integrated	4/14/1989	85.8	11.18	13.75	39.57	NA
Maine	Central Maine Power Co.	IBE	D-89-68	Electric	Vertically Integrated	5/19/1989	61.5	11.37	14.00	41.13	NA
Massachusetts	Cambridge Electric Light Co		DPU-89-109	Electric	Vertically Integrated	5/17/1989	6.1	12.09	15.00	50.30	NA
Maryland	Potomac Electric Power Co.	EXC	C-8251	Electric	Vertically Integrated	2/1/1990	24.0	10.11	13.00	43.16	NA
Minnesota	Northern States Power Co.	XEL	D-E-002-GR-89-865	Electric	Vertically Integrated	11/2/1989	120.8	10.20	13.25	47.03	NA
Missouri	Empire District Electric Co.	AQN	C-ER-90-138	Electric	Vertically Integrated	12/29/1989	8.2	11.07	13.50	48.90	NA
Maine	Versant Power		D-90-001	Electric	Vertically Integrated	3/9/1990	9.1	11.87	14.10	40.00	NA
Texas	AEP Texas Central Co.	AEP	D-9561	Electric	Vertically Integrated	5/17/1990	120.0	11.13	13.00	44.80	NA
Texas	Entergy Texas Inc.	ETR	D-8702	Electric	Vertically Integrated	3/21/1989	103.0	12.52	15.00	39.11	NA
Washington	Puget Sound Energy Inc.		Ca-UE-90-1183-T,84-P	Electric	Vertically Integrated	11/5/1990	19.2	NA	NA	NA	NA
Massachusetts	Western Massachusetts Electric	ES	DPU-90-300	Electric	Vertically Integrated	12/14/1990	54.9	10.67	13.70	37.45	NA
Colorado	Public Service Co. of CO	XEL	D-91S-091E	Electric	Vertically Integrated	1/31/1991	(23.6)	10.68	13.75	47.84	NA
Massachusetts	Massachusetts Electric Co.	NG.	DPU-91-52	Electric	Vertically Integrated	3/15/1991	35.6	10.65	13.50	46.54	NA
Arizona	Tucson Electric Power Co.	FTS	D-U-1933-90-270	Electric	Vertically Integrated	9/21/1990	50.4	10.32	13.50	40.00	NA
Arizona	Arizona Public Service Co.	PNW	D-U-1345-90-007	Electric	Vertically Integrated	1/11/1990	208.5	10.75	12.50	41.28	NA
Maryland	Delmarva Power & Light Co.	EXC	C-8389	Electric	Vertically Integrated	8/30/1991	9.2	10.31	13.15	42.86	NA
Massachusetts	Western Massachusetts Electric	ES	DPU-91-290	Electric	Vertically Integrated	12/13/1991	37.4	10.47	13.50	37.43	NA
Ohio	Columbus Southern Power Co.	AEP	C-91-1610-EL-AIR	Electric	Vertically Integrated	10/4/1991	7.7	10.31	13.00	44.85	NA
Maryland	Potomac Electric Power Co.	EXC	C-8466	Electric	Vertically Integrated	6/22/1992	86.4	10.39	13.25	45.96	NA
South Dakota	Northern States Power Co.	XEL	D-EL-92-016	Electric	Vertically Integrated	6/29/1992	6.3	10.16	12.50	49.90	NA
Massachusetts	Eastern Edison Company		DPU-92-148	Electric	Vertically Integrated	6/15/1992	16.4	11.02	12.50	40.01	NA
Maryland	Delmarva Power & Light Co.	EXC	C-8492	Electric	Vertically Integrated	10/30/1992	14.6	10.07	12.50	46.00	NA
Missouri	Evergy Missouri West	EVRG	C-ER-93-37	Electric	Vertically Integrated	7/31/1992	19.4	11.08	13.50	44.75	NA
Ohio	Duke Energy Ohio Inc.	DUK	C-92-1464-EL-AIR	Electric	Vertically Integrated	9/16/1992	86.1	10.57	13.00	43.65	NA
Delaware	Delmarva Power & Light Co.	EXC	D-92-85	Electric	Vertically Integrated	10/30/1992	36.6	9.73	12.00	46.00	NA
Maryland	Potomac Electric Power Co.	EXC	C-8565	Electric	Vertically Integrated	6/2/1993	49.9	9.89	12.75	44.79	NA
Oklahoma	Public Service Co. of OK	AEP	Ca-PUD-920000-1342	Electric	Vertically Integrated	6/19/1992	41.6	9.98	11.85	51.17	NA
Texas	Entergy Texas Inc.	ETR	D-12423	Electric	Vertically Integrated	9/29/1993	NA	NA	NA	NA	NA
Arizona	Arizona Public Service Co.	PNW	D-U-1345-94-120	Electric	Vertically Integrated	4/20/1994	(38.3)	NA	NA	NA	NA
Missouri	Evergy Missouri West	EVRG	C-ER-94-163	Electric	Vertically Integrated	11/22/1993	5.1	10.46	12.33	55.20	NA
Nevada	Nevada Power Co.	BRK.A	D-93-11045	Electric	Vertically Integrated	1/10/1994	29.1	9.70	12.50	NA	NA
Missouri	Empire District Electric Co.	AQN	C-ER-94-174	Electric	Vertically Integrated	12/1/1993	8.0	10.23	12.50	49.44	NA
New Mexico	Southwestern Public Service Co	XEL	C-2573	Electric	Vertically Integrated	2/25/1994	(4.0)	NA	NA	NA	NA
Maryland	The Potomac Edison Co.	FE	C-8652	Electric	Vertically Integrated	4/15/1994	30.9	9.46	12.25	42.85	NA
Texas	Texas-New Mexico Power Co.	PNM	D-12900	Electric	Vertically Integrated	3/30/1994	34.8	11.50	12.20	24.00	NA

Nevada	Sierra Pacific Power Co.	BRK.A	D-94-6020	Electric	Vertically Integrated	6/15/1994	16.6	9.54	11.78	45.56	NA
Oklahoma	Oklahoma Gas and Electric Co.	OGE	Ca-PUD-940000413	Electric	Vertically Integrated	8/9/1994	(12.0)	NA	NA	NA	NA
Montana	NorthWestern Corp.	NWE	D-94.8.30	Electric	Vertically Integrated	8/22/1994	24.7	9.72	12.50	46.95	NA
South Dakota	Black Hills Power Inc.	BKH	D-EL-95-003	Electric	Vertically Integrated	2/1/1995	8.4	10.13	12.25	45.00	NA
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-94-4	Electric	Vertically Integrated	9/15/1994	61.0	10.36	13.50	46.53	NA
Missouri	Union Electric Co.	AEE	C-ER-95-411	Electric	Vertically Integrated	6/12/1995	(30.0)	NA	NA	NA	NA
Indiana	AES Indiana	AES	Ca-39938	Electric	Vertically Integrated	10/11/1994	87.6	9.88	15.83	41.71	NA
Texas	CenterPoint Energy Houston	CNP	D-12065	Electric	Vertically Integrated	7/13/1994	248.0	10.43	12.70	51.00	NA
Texas	El Paso Electric Co.		D-12700	Electric	Vertically Integrated	1/10/1994	41.4	NA	NA	NA	NA
Missouri	Empire District Electric Co.	AQN	C-ER-95-279	Electric	Vertically Integrated	3/17/1995	8.5	10.38	12.75	46.98	NA
California	Southern California Edison Co.	EIX	AP-9312025 De-9601011	Electric	Vertically Integrated	12/23/1993	117.3	9.17	11.00	47.25	NA
Virginia	Appalachian Power Co.	AEP	C-PUE-940063	Electric	Vertically Integrated	9/28/1994	15.7	9.28	11.40	39.93	NA
Missouri	Evergy Metro Inc	EVRG	C-EO-94-199	Electric	Vertically Integrated	5/28/1996	(20.0)	NA	NA	NA	NA
Oregon	PacifiCorp	BRK.A	D-UE-94	Electric	Vertically Integrated	9/1/1995	124.9	9.83	12.25	46.60	NA
Pennsylvania	UGI Utilities Inc.	UGI	C-R-954534	Electric	Vertically Integrated	1/26/1996	6.2	10.18	12.75	46.67	NA
Louisiana	Entergy Gulf States LA LLC	ETR	D-U-21485	Electric	Vertically Integrated	5/31/1995	19.0	9.42	10.95	37.28	NA
Louisiana	Entergy Louisiana LLC	ETR	D-U-20925-A&B	Electric	Vertically Integrated	4/15/1996	(12.0)	NA	NA	NA	NA
Colorado	Public Service Co. of CO	XEL	D-95A-531EG	Electric	Vertically Integrated	11/9/1995	0.0	NA	NA	NA	NA
West Virginia	Appalachian Power Co.	AEP	C-96-0458-E-GI	Electric	Vertically Integrated	6/8/1996	34.2	9.67	12.75	37.11	NA
Kansas	Evergy Kansas Central Inc.	EVRG	D-193,307-U	Electric	Vertically Integrated	8/17/1995	9.0	7.89	12.00	37.30	NA
Kansas	Evergy Kansas South	EVRG	D-193,306-U	Electric	Vertically Integrated	8/17/1995	12.0	7.85	12.00	37.10	NA
Oklahoma	Oklahoma Gas and Electric Co.	OGE	Ca-PUD-960000116	Electric	Vertically Integrated	6/17/1996	(14.2)	10.15	12.75	51.08	NA
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-96-8	Electric	Vertically Integrated	6/4/1996	(21.0)	NA	NA	NA	NA
Missouri	Empire District Electric Co.	AQN	C-ER-97-81	Electric	Vertically Integrated	8/30/1996	23.4	10.35	13.50	48.40	NA
Louisiana	Entergy Louisiana LLC	ETR	D-U-20925-D	Electric	Vertically Integrated	5/30/1997	(26.7)	NA	NA	NA	NA
Oklahoma	Public Service Co. of OK	AEP	Ca-PUD-960000-214	Electric	Vertically Integrated	7/19/1996	9.3	9.82	12.00	NA	NA
Maryland	Potomac Electric Power Co.	EXC	C-8773	Electric	Vertically Integrated	8/20/1997	64.5	9.52	12.50	42.70	NA
Kansas	Evergy Metro Inc	EVRG	D-97-KCPE-661-RTS	Electric	Vertically Integrated	8/18/1997	1.8	9.43	12.90	51.62	NA
Louisiana	Entergy Gulf States LA LLC	ETR	D-U-22092	Electric	Vertically Integrated	5/31/1996	(5.3)	NA	10.95	NA	NA
New Mexico	El Paso Electric Co.		C-2722	Electric	Vertically Integrated	3/3/1997	8.6	9.14	12.00	39.44	NA
Louisiana	Entergy New Orleans LLC	ETR	D-UD-97-1 (elec.)	Electric	Vertically Integrated	2/6/1997	NA	NA	NA	NA	NA
Maryland	Potomac Electric Power Co.	EXC	C-8791	Electric	Vertically Integrated	6/5/1998	56.3	9.23	12.00	42.47	NA
New Mexico	Southwestern Public Service Co	XEL	C-2798	Electric	Vertically Integrated	5/5/1998	(1.7)	9.56	11.74	49.20	NA
California	San Diego Gas & Electric Co.	SRE	AP-9801014 De-9812038 (elec.)	Electric	Vertically Integrated	1/16/1998	35.0	NA	NA	NA	NA
Georgia	Georgia Power Co.	SO	D-9355-U	Electric	Vertically Integrated	6/4/1998	(50.0)	NA	NA	NA	NA
Michigan	DTE Electric Co.	DTE	C-U-11726	Electric	Vertically Integrated	7/1/1998	0.0	NA	NA	NA	NA
Virginia	Appalachian Power Co.	AEP	C-PUE-960301	Electric	Vertically Integrated	6/13/1997	30.5	9.79	12.90	39.33	NA
Missouri	Evergy Metro Inc	EVRG	C-ER-99-313	Electric	Vertically Integrated	1/26/1999	0.0	NA	NA	NA	NA
Texas	Entergy Texas Inc.	ETR	D-20150	Electric	Vertically Integrated	11/30/1998	90.0	9.81	11.25	46.49	NA
Missouri	Evergy Missouri West	EVRG	C-ER-99-247	Electric	Vertically Integrated	12/1/1998	6.1	10.70	12.30	58.40	NA
Colorado	Public Service Co. of CO	XEL	D-99A-377EG	Electric	Vertically Integrated	7/28/1999	NA	NA	NA	NA	NA
Louisiana	Entergy Gulf States LA LLC	ETR	D-U-22491	Electric	Vertically Integrated	5/31/1997	12.1	NA	10.95	NA	NA
West Virginia	Appalachian Power Co.	AEP	C-99-0409-E-GI	Electric	Vertically Integrated	5/11/1999	50.3	9.49	12.25	39.55	NA
Washington	PacifiCorp	BRK.A	D-UE-99-1832	Electric	Vertically Integrated	11/24/1999	25.8	9.10	11.25	48.80	NA
Oregon	PacifiCorp	BRK.A	D-UE-111	Electric	Vertically Integrated	11/5/1999	61.8	9.10	11.25	48.80	NA
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-01-5	Electric	Vertically Integrated	6/11/2001	50.5	9.91	12.00	53.41	NA
Montana	NorthWestern Corp.	NWE	D-D97.7.90	Electric	Distribution	1/6/2000	(16.7)	NA	NA	NA	NA
Missouri	Evergy Missouri West	EVRG	C-ER-2001-672,EC-2002-265	Electric	Vertically Integrated	6/8/2001	49.4	10.15	12.25	48.00	NA
New York	NY State Electric & Gas Corp.	IBE	C-01-E-0359	Electric	Distribution	3/14/2001	0.0	NA	NA	NA	NA
Missouri	Union Electric Co.	AEE	C-EC-2002-1	Electric	Vertically Integrated	7/2/2001	148.0	10.14	12.50	59.08	NA
Indiana	Northern IN Public Svc Co.	NI	Ca-41746	Electric	Vertically Integrated	1/24/2001	NA	NA	NA	NA	NA
Missouri	Empire District Electric Co.	AQN	C-ER-2002-425	Electric	Vertically Integrated	3/8/2002	19.8	9.94	12.00	47.50	NA
New Mexico	Public Service Co. of NM	PNM	C-3137	Electric	Vertically Integrated	10/10/2002	(35.2)	NA	NA	NA	NA
Louisiana	Entergy New Orleans LLC	ETR	D-UD-01-04 (elec.)	Electric	Vertically Integrated	6/1/2001	28.9	9.72	12.25	45.00	NA
Missouri	Evergy Missouri West	EVRG	C-ER-2004-0034 (MPS)	Electric	Vertically Integrated	7/3/2003	65.0	9.59	12.25	47.50	725.00
Missouri	Evergy Missouri West	EVRG	C-ER-2004-0034 (L&P)	Electric	Vertically Integrated	7/3/2003	14.6	9.85	12.25	47.50	197.00
Wisconsin	Wisconsin Electric Power Co.	WEC	D-05-UR-101 (elec. 2003)	Electric	Vertically Integrated	7/2/2003	63.5	NA	NA	NA	NA
New York	Rochester Gas & Electric Co	IBE	C-03-E-0765	Electric	Distribution	5/16/2003	80.3	8.53	11.25	46.41	1,106.30
New Hampshire	Public Service Co. of NH	ES	D-DE-03-200	Electric	Distribution	12/29/2003	21.4	7.74	11.20	47.81	498.10
Texas	Entergy Texas Inc.	ETR	D-30123	Electric	Vertically Integrated	8/25/2004	42.6	8.57	11.50	46.96	1,476.00
Washington	PacifiCorp	BRK.A	D-UE-03-2065	Electric	Vertically Integrated	12/26/2003	26.7	8.74	11.25	47.08	596.30
California	San Diego Gas & Electric Co.	SRE	AP-0212028 De-0412015 (elec)	Electric	Vertically Integrated	12/20/2002	58.9	NA	NA	NA	NA
North Carolina	Virginia Electric & Power Co.	D	D-E-22,SUB412	Electric	Vertically Integrated	5/13/2004	10.8	8.57	11.80	50.39	501.20
Michigan	Upper Peninsula Power Co.		C-U-14410	Electric	Vertically Integrated	2/4/2005	5.7	8.28	12.00	47.39	100.80
Oklahoma	Public Service Co. of OK	AEP	Ca-PUD-200300076	Electric	Vertically Integrated	10/31/2003	40.9	9.43	12.00	48.45	1,060.60
Wisconsin	Wisconsin Electric Power Co.	WEC	D-05-UR-101 (elec. 2004)	Electric	Vertically Integrated	5/10/2004	84.8	NA	NA	NA	NA
Idaho	PacifiCorp	BRK.A	C-PAC-E-05-1	Electric	Vertically Integrated	1/14/2005	16.9	8.66	11.13	47.80	407.80
Kansas	Empire District Electric Co.	AQN	D-05-EPDE-980-RTS	Electric	Vertically Integrated	4/29/2005	4.2	8.14	11.50	42.44	50.90
Massachusetts	NSTAR Electric Co.	ES	DTE-05-85 (elec.)	Electric	Distribution	12/6/2005	87.4	NA	NA	NA	NA
Wisconsin	Wisconsin Electric Power Co.	WEC	D-05-UR-102 (WEP-EL)	Electric	Vertically Integrated	7/1/2005	256.4	NA	NA	NA	NA
Missouri	Evergy Missouri West	EVRG	C-ER-2005-0436 (MPS)	Electric	Vertically Integrated	5/24/2005	67.3	9.01	11.50	48.20	833.60
Missouri	Evergy Missouri West	EVRG	C-ER-2005-0436 (L&P)	Electric	Vertically Integrated	5/24/2005	7.0	9.67	11.50	48.20	187.60
Kentucky	Kentucky Power Co.	AEP	C-2005-00341	Electric	Vertically Integrated	9/26/2005	64.8	7.84	11.50	39.54	858.40
Wyoming	PacifiCorp	BRK.A	D-20000-230-ER-05	Electric	Vertically Integrated	10/14/2005	40.2	8.74	11.00	50.80	976.20
Idaho	Idaho Power Co.	IDA	C-IPC-E-05-28	Electric	Vertically Integrated	10/28/2005	43.9	8.42	11.25	49.46	1,654.30
Michigan	DTE Electric Co.	DTE	C-U-14838	Electric	Vertically Integrated	3/23/2006	45.3	7.36	11.25	41.59	7,906.80
Texas	CenterPoint Energy Houston	CNP	D-32093	Electric	Distribution	4/14/2006	93.3	8.97	11.25	50.00	3,417.10
Pennsylvania	Duquesne Light Co.		C-R-00061346	Electric	Distribution	4/7/2006	163.0	NA	11.75	48.00	1,200.00
Kansas	Evergy Metro Inc	EVRG	D-06-KCPE-828-RTS	Electric	Vertically Integrated	1/31/2006	42.3	9.01	11.50	53.81	1,015.00
Massachusetts	Western Massachusetts Electric	ES	DTE-06-55	Electric	Distribution	10/20/2006	4.0	NA	NA	NA	NA
Kentucky	Duke Energy Kentucky Inc.	DUK	C-2006-00172	Electric	Vertically Integrated	5/31/2006	66.6	8.26	11.50	50.88	591.10
South Dakota	Black Hills Power Inc.	BKH	D-EL06-019	Electric	Vertically Integrated	6/30/2006	9.6	9.83	11.75	54.26	286.04
Texas	AEP Texas North Co.	AEP	D-33310	Electric	Distribution	11/9/2006	25.0	7.97	11.25	40.00	459.90
New Mexico	El Paso Electric Co.		C-06-00258-UT	Electric	Vertically Integrated	6/30/2006	31.7	8.35	11.00	49.10	300.00
Texas	Southwestern Public Service Co	XEL	D-32766	Electric	Vertically Integrated	5/31/2006	66.3	9.15	11.60	51.13	968.56
Kansas	Evergy Metro Inc	EVRG	D-07-KCPE-905-RTS	Electric	Vertically Integrated	3/1/2007	47.1	8.83	11.25	53.43	1,107.82
Pennsylvania	PPL Electric Utilities Corp.	PPL	C-R-00072155	Electric	Distribution	3/29/2007	83.6	8.36	11.50	43.13	2,024.00
Idaho	Idaho Power Co.	IDA	C-IPC-E-07-08	Electric	Vertically Integrated	6/8/2007	63.9	8.56	11.50	50.26	1,883.00
Texas	Oncor Electric Delivery Co.	SRE	D-34040	Electric	Distribution	8/28/2007	318.0	8.55	10.75	44.15	6,880.00
Montana	NorthWestern Corp.	NWE	D-D2007.7.82 (elec)	Electric	Distribution	7/31/2007	31.4	8.98	12.00	51.46	667.44
Washington	PacifiCorp	BRK.A	D-UE-08-0220	Electric	Vertically Integrated	2/6/2008	35.0	8.47	10.75	50.10	624.90
Wisconsin	Wisconsin Power and Light Co	LNT	6680-UR-116 (elec)	Electric	Vertically Integrated	2/22/2008	93.3	10.08	10.80	55.40	1,356.90
Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-119 (elec)	Electric	Vertically Integrated	4/1/2008	68.4	9.29	10.90	58.11	1,241.90
Kansas	Evergy Kansas Central Inc.	EVRG	D-08-WSEE-1041-RTS (WR)	Electric	Vertically Integrated	5/28/2008	90.0	8.68	10.95	48.46	1,641.05
Kansas	Evergy Kansas South	EVRG	D-08-WSEE-1041-RTS (KG&E)	Electric	Vertically Integrated	5/28/2008	87.6	8.69	10.95	48.46	1,517.29
Kentucky	Kentucky Utilities Co.	PPL	C-2008-00251	Electric	Vertically Integrated	7/29/2008	22.2	7.77	11.25	52.63	2,216.90
Kentucky	Louisville Gas & Electric Co.	PPL	C-2008-00252 (elec.)	Electric	Vertically Integrated	7/29/2008	15.1	8.30	11.25	52.48	1,795.20
Texas	Entergy Texas Inc.	ETR	D-34800	Electric	Vertically Integrated	9/26/2007	107.5	8.67	11.00	48.69	1,746.14
Idaho	PacifiCorp	BRK.A	C-PAC-E-08-07	Electric	Vertically Integrated	9/19/2008	19.4	8.49	10.75	50.40	565.41
Wyoming	PacifiCorp	BRK.A	D-20000-333-ER-08	Electric	Vertically Integrated	7/24/2008	28.7	8.53	10.75	51.90	1,489.96
Colorado	Public Service Co. of CO	XEL	D-08S-520E	Electric	Vertically Integrated	11/14/2008	159.3	9.01	11.00	58.08	4,122.19
Texas	Southwestern Public Service Co	XEL	D-35763	Electric	Vertically Integrated	6/12/2008	94.4	8.85	11.25	51.01	989.40
Missouri	Evergy Metro Inc	EVRG	C-ER-2009-0089	Electric	Vertically Integrated	9/5/2008	101.5	8.69	10.75	53.82	1,501.35
Missouri	Evergy Missouri West	EVRG	C-ER-2009-0090 (L&P)	Electric	Vertically Integrated	9/5/2008	17.1	9.29	10.75	53.82	305.03
Missouri	Evergy Missouri West	EVRG	C-ER-2009-0090 (MPS)	Electric	Vertically Integrated	9/5/2008	66.0	8.93	10.75	53.82	1,202.23

Kansas	Evergy Metro Inc	EVRG	D-09-KCPE-246-RTS	Electric	Vertically Integrated	9/5/2008	71.6	8.75	10.75	55.39	1,254.15
New Mexico	Southwestern Public Service Co	XEL	C-08-00354-UT	Electric	Vertically Integrated	12/18/2008	24.6	9.50	12.00	50.00	321.00
Oklahoma	Oklahoma Gas and Electric Co.	OGE	Ca-PUD200800398	Electric	Vertically Integrated	2/27/2009	110.3	9.64	12.25	54.14	2,862.74
New Mexico	El Paso Electric Co.		C-09-00171-UT	Electric	Vertically Integrated	5/29/2009	12.7	9.06	11.50	49.35	339.27
Washington	PacifiCorp	BRK.A	D-UE-090205	Electric	Vertically Integrated	2/9/2009	38.5	8.51	11.00	50.10	737.86
South Dakota	Northern States Power Co.	XEL	D-EL09-009	Electric	Vertically Integrated	6/30/2009	18.6	9.02	11.25	51.63	282.64
Texas	Southwestern Electric Power Co	AEP	D-37364	Electric	Vertically Integrated	8/28/2009	81.9	8.78	11.50	50.65	668.74
Wyoming	PacifiCorp	BRK.A	D-20000-352-ER-09	Electric	Vertically Integrated	10/2/2009	62.0	8.63	11.00	52.80	1,724.57
Kansas	Empire District Electric Co.	AQN	D-10-EPDE-314-RTS	Electric	Vertically Integrated	11/4/2009	5.2	8.80	11.30	48.29	69.18
West Virginia	Monongahela Power Co.	FE	C-09-1352-E-42T	Electric	Vertically Integrated	8/13/2009	122.1	9.31	12.25	41.60	1,545.48
South Dakota	Black Hills Power Inc.	BKH	D-EL09-018	Electric	Vertically Integrated	9/29/2009	38.8	9.27	11.50	52.00	393.43
Kentucky	Kentucky Utilities Co.	PPL	C-2009-00548	Electric	Vertically Integrated	1/29/2010	135.3	8.32	11.50	53.85	3,054.54
Kentucky	Louisville Gas & Electric Co.	PPL	C-2009-00549 (elec.)	Electric	Vertically Integrated	1/29/2010	94.6	8.32	11.50	53.86	1,805.79
Texas	El Paso Electric Co.		D-37690	Electric	Vertically Integrated	12/9/2009	50.8	9.22	11.35	51.27	969.24
Missouri	Empire District Electric Co.	AQN	C-ER-2010-0130	Electric	Vertically Integrated	10/29/2009	68.2	8.93	11.00	48.00	1,077.38
Idaho	Avista Corp.	AVA	C-AVU-E-10-01	Electric	Vertically Integrated	3/23/2010	32.1	8.55	10.90	50.00	607.96
Pennsylvania	PECO Energy Co.	EXC	D-R-2010-2161575	Electric	Distribution	3/31/2010	316.4	8.95	11.75	53.18	3,236.00
Pennsylvania	PPL Electric Utilities Corp.	PPL	D-R-2010-2161694	Electric	Distribution	3/31/2010	114.7	9.11	11.75	48.37	2,244.96
Pennsylvania	Duquesne Light Co.		D-R-2010-2179522	Electric	Distribution	7/23/2010	87.3	8.78	11.25	52.42	1,439.93
Texas	Southwestern Public Service Co	XEL	D-38147	Electric	Vertically Integrated	5/17/2010	55.4	9.24	11.35	51.00	941.08
California	Pacific Gas and Electric Co.	PCG	AP-09-12-020 (elec)	Electric	Vertically Integrated	12/21/2009	856.0	NA	NA	NA	14,783.00
Missouri	Empire District Electric Co.	AQN	C-ER-2011-0004	Electric	Vertically Integrated	9/28/2010	36.5	8.82	10.60	50.95	1,067.91
Maryland	Delmarva Power & Light Co.	EXC	C-9249	Electric	Distribution	12/21/2010	18.3	8.08	10.75	49.81	344.57
Montana	MDU Resources Group	MDU	D-D2010.8.82	Electric	Vertically Integrated	8/11/2010	4.9	8.78	11.00	51.15	87.25
Idaho	Avista Corp.	AVA	C-AVU-E-11-01	Electric	Vertically Integrated	7/5/2011	9.0	8.49	10.90	50.15	627.00
Wisconsin	Wisconsin Electric Power Co.	WEC	D-5-UR-105 (WEP-EL)	Electric	Vertically Integrated	5/26/2011	0.0	NA	NA	NA	NA
Washington	Avista Corp.	AVA	D-UE-110876	Electric	Vertically Integrated	5/16/2011	38.3	8.23	10.90	48.04	1,127.81
Texas	Southwestern Electric Power Co	AEP	D-39708	Electric	Vertically Integrated	8/31/2011	60.3	8.21	10.33	49.70	372.90
New Mexico	Southwestern Public Service Co	XEL	C-10-00395-UT	Electric	Vertically Integrated	2/28/2011	19.9	9.04	11.25	51.11	390.28
Idaho	Idaho Power Co.	IDA	C-IPC-E-11-08	Electric	Vertically Integrated	6/1/2011	82.6	8.17	10.50	51.20	2,355.91
Illinois	Ameren Illinois	AEE	D-11-0279 (elec)	Electric	Distribution	2/18/2011	39.0	9.44	11.00	52.87	2,012.81
Idaho	PacifiCorp	BRK.A	C-PAC-E-11-12	Electric	Vertically Integrated	5/27/2011	32.7	8.25	10.50	52.30	745.70
Florida	Duke Energy Florida LLC	DUK	D-120022-EI	Electric	Vertically Integrated	1/20/2012	150.0	NA	NA	NA	NA
Washington	PacifiCorp	BRK.A	D-UE-111190	Electric	Vertically Integrated	7/1/2011	12.9	7.74	NA	NA	750.50
Kansas	Evergy Kansas Central Inc.	EVRG	D-12-WSEE-112-RTS	Electric	Vertically Integrated	8/25/2011	90.8	8.68	10.60	51.62	3,399.27
Texas	El Paso Electric Co.		D-40094	Electric	Vertically Integrated	2/1/2012	26.3	8.94	10.60	53.38	1,126.22
California	Southern California Edison Co.	EIX	AP-10-11-015	Electric	Vertically Integrated	11/23/2010	809.0	NA	NA	NA	16,224.21
Missouri	Empire District Electric Co.	AQN	C-ER-2012-0345	Electric	Vertically Integrated	7/6/2012	30.7	8.32	10.60	51.00	1,005.67
Hawaii	Hawaii Electric Light Co	HE	D-2012-0099	Electric	Vertically Integrated	8/16/2012	19.8	8.30	10.25	57.05	455.00
South Dakota	Northern States Power Co.	XEL	D-EL12-046	Electric	Vertically Integrated	6/29/2012	19.4	8.51	10.65	52.89	367.51
California	San Diego Gas & Electric Co.	SRE	AP-10-12-005 (elec)	Electric	Vertically Integrated	12/15/2010	201.8	NA	NA	NA	3,743.25
Texas	Southwestern Public Service Co	XEL	D-40824	Electric	Vertically Integrated	11/15/2012	90.2	8.62	10.65	52.00	1,150.58
Wisconsin	Madison Gas and Electric Co.	MGEE	D-3270-UR-119 (Elec)	Electric	Vertically Integrated	4/15/2013	0.0	NA	NA	NA	NA
Maryland	Delmarva Power & Light Co.	EXC	C-9317	Electric	Distribution	3/29/2013	22.6	7.67	10.25	49.58	507.86
South Dakota	Black Hills Power Inc.	BKH	D-EL12-061	Electric	Vertically Integrated	12/17/2012	13.7	8.54	10.25	53.17	438.29
Idaho	PacifiCorp	BRK.A	C-PAC-E-13-04	Electric	Vertically Integrated	6/3/2013	2.0	NA	NA	NA	NA
Kentucky	Kentucky Power Co.	AEP	C-2013-00197	Electric	Vertically Integrated	6/28/2013	114.0	8.08	10.65	45.80	1,584.18
Virginia	Kentucky Utilities Co.	PPL	PUE-2013-00013	Electric	Vertically Integrated	4/1/2013	6.5	7.59	10.80	54.52	193.00
Iowa	MidAmerican Energy Co.	BRK.A	D-RPU-2013-0004	Electric	Vertically Integrated	5/17/2013	266.2	7.80	11.01	51.54	5,893.41
Pennsylvania	Duquesne Light Co.		D-R-2013-2372129	Electric	Distribution	8/2/2013	76.3	8.36	11.25	51.94	1,543.25
Kansas	Evergy Metro Inc	EVRG	D-14-KCPE-272-RTS	Electric	Vertically Integrated	12/9/2013	11.5	NA	NA	NA	1,916.14
California	Pacific Gas and Electric Co.	PCG	AP-12-11-009 (Elec)	Electric	Vertically Integrated	11/15/2012	713.0	NA	NA	NA	17,299.25
Idaho	Avista Corp.	AVA	C-AVU-E-14-05	Electric	Vertically Integrated	5/30/2014	NA	NA	NA	NA	NA
Washington	Avista Corp.	AVA	D-UE-140188	Electric	Vertically Integrated	2/4/2014	18.2	7.71	10.10	49.00	1,365.44
Maryland	Baltimore Gas and Electric Co.	EXC	C-9355 (elec)	Electric	Distribution	7/2/2014	98.7	7.93	10.65	52.30	2,914.00
Texas	Southwestern Public Service Co	XEL	D-42004	Electric	Vertically Integrated	1/7/2014	76.9	8.43	10.40	53.89	1,273.28
West Virginia	Monongahela Power Co.	FE	C-14-0702-E-42T	Electric	Vertically Integrated	4/30/2014	212.6	7.87	11.00	46.47	2,511.86
South Dakota	Black Hills Power Inc.	BKH	D-EL14-026	Electric	Vertically Integrated	3/31/2014	14.6	8.48	10.25	53.32	542.70
Pennsylvania	Metropolitan Edison Co.	FE	D-R-2014-2428745	Electric	Distribution	8/4/2014	168.3	8.05	10.90	49.96	1,413.00
Pennsylvania	Pennsylvania Electric Co.	FE	D-R-2014-2428743	Electric	Distribution	8/4/2014	136.8	8.31	10.90	49.90	1,540.30
Pennsylvania	Pennsylvania Power Co.	FE	D-R-2014-2428744	Electric	Distribution	8/4/2014	38.0	8.51	10.90	50.07	358.93
Pennsylvania	West Penn Power Co.	FE	D-R-2014-2428742	Electric	Distribution	8/4/2014	114.0	8.14	10.90	50.13	1,287.29
Oklahoma	Public Service Co. of OK	AEP	Ca-PUD201300217	Electric	Vertically Integrated	1/17/2014	37.7	7.94	10.50	48.69	1,860.91
New Mexico	Public Service Co. of NM	PNM	C-14-00332-UT	Electric	Vertically Integrated	12/11/2014	107.4	8.29	10.50	49.60	2,387.76
South Dakota	Northern States Power Co.	XEL	D-EL14-058	Electric	Vertically Integrated	6/23/2014	24.6	7.84	10.25	53.86	433.24
Kentucky	Kentucky Power Co.	AEP	C-2014-00396	Electric	Vertically Integrated	12/23/2014	(4.7)	7.71	10.62	45.19	1,147.48
Missouri	Empire District Electric Co.	AQN	C-ER-2014-0351	Electric	Vertically Integrated	8/29/2014	24.3	7.94	10.15	51.45	1,164.92
New Mexico	Southwestern Public Service Co	XEL	C-15-00139-UT	Electric	Vertically Integrated	6/8/2015	31.5	8.10	10.25	53.97	777.86
Kentucky	Kentucky Utilities Co.	PPL	C-2014-00371	Electric	Vertically Integrated	11/26/2014	153.4	7.38	10.50	53.02	3,568.97
Kentucky	Louisville Gas & Electric Co.	PPL	C-2014-00372 (elec.)	Electric	Vertically Integrated	11/26/2014	30.3	7.36	10.50	52.75	2,146.05
Texas	Entergy Texas Inc.	ETR	D-44704	Electric	Vertically Integrated	6/12/2015	75.9	8.36	10.20	50.08	2,004.59
Kansas	Evergy Kansas Central Inc.	EVRG	D-15-WSEE-115-RTS	Electric	Vertically Integrated	3/2/2015	250.9	7.99	10.00	53.12	5,062.80
South Dakota	NorthWestern Corp.	NWE	D-EL14-106	Electric	Vertically Integrated	12/19/2014	26.5	7.76	10.00	53.61	447.40
California	Southern California Edison Co.	EIX	A-13-11-003	Electric	Vertically Integrated	11/12/2013	(120.9)	NA	NA	NA	18,175.82
Pennsylvania	PPL Electric Utilities Corp.	PPL	D-R-2015-2469275	Electric	Distribution	3/31/2015	167.5	8.15	10.95	51.66	3,156.00
Virginia	Virginia Electric & Power Co.	D	C-PUE-2015-00027	Electric	Vertically Integrated	3/31/2015	0.0	NA	NA	NA	8,921.00
Tennessee	Kingsport Power Company	AEP	D-15-00093	Electric	Vertically Integrated	9/28/2015	12.1	6.69	10.66	42.43	71.50
Pennsylvania	PECO Energy Co.	EXC	D-R-2015-2468981	Electric	Distribution	3/27/2015	190.1	8.19	10.95	53.36	4,103.61
Virginia	Kentucky Utilities Co.	PPL	C-PUE-2015-00063	Electric	Vertically Integrated	6/30/2015	7.2	7.51	10.50	54.07	222.18
Montana	MDU Resources Group	MDU	D-D2015.6.51	Electric	Vertically Integrated	6/25/2015	11.8	7.59	10.00	49.52	174.96
California	San Diego Gas & Electric Co.	SRE	A-14-11-003 (Elec)	Electric	Vertically Integrated	11/14/2014	91.9	NA	NA	NA	4,606.77
Missouri	Empire District Electric Co.	AQN	C-ER-2016-0023	Electric	Vertically Integrated	10/16/2015	33.4	7.58	9.90	49.01	1,368.11
New Mexico	Southwestern Public Service Co	XEL	C-15-00296-UT	Electric	Vertically Integrated	10/16/2015	45.4	8.17	10.25	53.97	734.14
Texas	El Paso Electric Co.		D-44941	Electric	Vertically Integrated	8/10/2015	63.3	8.08	10.10	49.52	1,467.75
Missouri	Evergy Missouri West	EVRG	C-ER-2016-0156 (MPS/L&P)	Electric	Vertically Integrated	2/23/2016	59.3	7.73	9.90	54.83	1,906.00
Wisconsin	Northern States Power Co.	XEL	D-4220-UR-122 (Elec)	Electric	Vertically Integrated	4/1/2016	28.3	NA	NA	NA	1,188.00
Arkansas	Entergy Arkansas LLC	ETR	D-16-036-FR	Electric	Vertically Integrated	7/22/2016	67.7	4.62	NA	30.79	6,623.46
Washington	Avista Corp.	AVA	D-UE-160228	Electric	Vertically Integrated	2/19/2016	48.9	7.64	9.90	48.50	1,494.59
Texas	Lone Star Transmission LLC	NEE	D-46585	Electric	Transmission	11/16/2016	(6.0)	NA	NA	NA	NA
Hawaii	Hawaiian Electric Co.	HE	D-2013-0373	Electric	Vertically Integrated	6/27/2014	0.0	8.43	10.75	56.94	1,851.91
Kansas	Empire District Electric Co.	AQN	D-17-EPDE-101-RTS	Electric	Vertically Integrated	9/16/2016	6.4	7.55	10.10	49.69	81.40
Texas	Cross Texas Transmission		D-46481	Electric	Transmission	12/6/2016	(6.5)	NA	NA	NA	NA
Pennsylvania	Metropolitan Edison Co.	FE	D-R-2016-2537349	Electric	Distribution	4/28/2016	140.2	8.14	10.90	51.20	1,405.89
Pennsylvania	Pennsylvania Electric Co.	FE	D-R-2016-2537352	Electric	Distribution	4/28/2016	158.8	8.58	11.30	52.60	1,631.19
Pennsylvania	Pennsylvania Power Co.	FE	D-R-2016-2537355	Electric	Distribution	4/28/2016	42.0	8.70	11.50	50.10	413.52
Pennsylvania	West Penn Power Co.	FE	D-R-2016-2537359	Electric	Distribution	4/28/2016	98.2	7.90	10.90	50.30	1,364.22
Texas	Southwestern Public Service Co	XEL	D-45524	Electric	Vertically Integrated	2/16/2016	61.5	8.12	10.25	53.97	1,674.04
Indiana	AES Indiana	AES	Ca-44893	Electric	Vertically Integrated	12/22/2016	91.7	6.81	10.40	39.55	3,041.40
Missouri	Union Electric Co.	AEE	C-ER-2016-0179	Electric	Vertically Integrated	7/1/2016	206.4	7.71	9.90	51.80	7,195.26
New Mexico	Southwestern Public Service Co	XEL	C-16-00269-UT	Electric	Vertically Integrated	11/1/2016	41.4	7.83	10.10	53.97	832.17
California	Pacific Gas and Electric Co.	PCG	A-15-09-001 (Elec)	Electric	Vertically Integrated	9/1/2015	260.0	NA	NA	NA	19,300.96
Kansas	Evergy Metro Inc	EVRG	D-17-KCPE-201-RTS	Electric	Vertically Integrated	11/9/2016	(2.8)	NA	NA	NA	2,104.63
Kansas	Evergy Kansas Central Inc.	EVRG	D-17-WSEE-147-RTS	Electric	Vertically Integrated	10/26/2016	16.4	NA	NA	NA	NA
Hawaii	Maui Electric Company Ltd	HE	D-2014-0318	Electric	Vertically Integrated	12/30/2014	0.0	8.28	10.75	57.43	460.07
Wisconsin	Wisconsin Electric Power Co.	WEC	D-5-UR-108 (WEP-Elec)	Electric	Vertically Integrated	4/4/2017	0.0	NA	NA	NA	NA

Wisconsin	Wisconsin Public Service Corp.	WEC	D-6690-UR-125 (Elec)	Electric	Vertically Integrated	4/4/2017	0.0	NA	NA	NA	NA
Texas	Sharyland Utilities L.L.C.	SRE	D-45414	Electric	Distribution	4/29/2016	1.4	7.24	10.00	45.00	335.24
Florida	Duke Energy Florida LLC	DUK	D-20170183-EI	Electric	Vertically Integrated	8/29/2017	200.0	NA	NA	NA	NA
Arkansas	Entergy Arkansas LLC	ETR	D-16-036-FR (2017 Review)	Electric	Vertically Integrated	7/7/2017	126.4	4.64	NA	31.62	7,094.57
Maryland	Delmarva Power & Light Co.	EXC	C-9455	Electric	Distribution	7/14/2017	19.3	7.05	10.10	50.68	740.92
Colorado	Public Service Co. of CO	XEL	D-17AL-0649E	Electric	Vertically Integrated	10/3/2017	377.9	7.55	10.00	55.25	7,396.06
Virginia	Kentucky Utilities Co.	PPL	C-PUR-2017-00106	Electric	Vertically Integrated	9/29/2017	6.7	7.47	10.42	53.85	214.08
Oklahoma	Oklahoma Gas and Electric Co.	OGE	Ca-PUD201700496	Electric	Vertically Integrated	1/16/2018	1.9	7.76	9.90	53.34	4,583.07
New Jersey	Atlantic City Electric Co.	EXC	D-ER18060638	Electric	Distribution	6/15/2018	99.7	7.46	10.10	50.26	1,536.40
Missouri	Evergy Metro Inc	EVRG	C-ER-2018-0145	Electric	Vertically Integrated	1/30/2018	16.4	7.45	9.85	50.03	2,626.77
Missouri	Evergy Missouri West	EVRG	C-ER-2018-0146	Electric	Vertically Integrated	1/30/2018	19.3	7.66	9.85	54.40	1,907.88
Texas	Southwestern Public Service Co	XEL	D-47527	Electric	Vertically Integrated	8/21/2017	32.0	7.79	10.25	58.00	1,882.88
Arkansas	Entergy Arkansas LLC	ETR	16-036-FR (2018 Review)	Electric	Vertically Integrated	7/6/2018	189.7	5.26	NA	36.73	7,546.59
Pennsylvania	Duquesne Light Co.		D-R-2018-3000124	Electric	Distribution	3/28/2018	133.8	8.06	10.95	54.51	1,926.26
Pennsylvania	PECO Energy Co.	EXC	D-R-2018-3000164	Electric	Distribution	3/29/2018	81.9	7.79	10.95	53.39	4,846.19
Texas	Entergy Texas Inc.	ETR	D-48371	Electric	Vertically Integrated	5/15/2018	117.5	8.23	10.65	50.90	2,571.70
Massachusetts	NSTAR Electric Co.	ES	DPU 18-101	Electric	Distribution	9/19/2018	4.8	NA	NA	NA	NA
Texas	Wind Energy Transmission Texas		D-48874	Electric	Transmission	11/13/2018	(16.0)	NA	NA	NA	NA
Washington	Puget Sound Energy Inc.		D-UE-180899	Electric	Vertically Integrated	11/7/2018	18.9	NA	NA	NA	5,101.82
Arkansas	Oklahoma Gas and Electric Co.	OGE	D-18-046-FR	Electric	Vertically Integrated	10/1/2018	5.8	5.27	NA	37.31	617.46
Maine	Versant Power		D-2019-00019	Electric	Distribution	3/22/2019	15.7	7.66	10.30	50.00	341.28
California	Southern California Edison Co.	EIX	A-16-09-001	Electric	Vertically Integrated	9/1/2016	(106.0)	7.61	NA	NA	22,939.28
Montana	MDU Resources Group	MDU	D2018.9.60	Electric	Vertically Integrated	9/28/2018	11.9	7.54	10.30	50.45	211.27
Kansas	Empire District Electric Co.	AQN	D-19-EPDE-223-RTS	Electric	Vertically Integrated	12/10/2018	1.7	7.54	10.20	51.65	63.77
Oklahoma	Oklahoma Gas and Electric Co.	OGE	Ca-PUD201800140	Electric	Vertically Integrated	12/31/2018	77.6	7.52	9.90	53.34	5,254.15
California	San Diego Gas & Electric Co.	SRE	A-17-10-007 (Elec)	Electric	Vertically Integrated	10/6/2017	111.5	NA	NA	NA	5,303.72
Arkansas	Entergy Arkansas LLC	ETR	D-16-036-FR (2019 review)	Electric	Vertically Integrated	7/5/2019	15.3	5.23	NA	36.53	7,960.90
Massachusetts	NSTAR Electric Co.	ES	DPU 19-115	Electric	Distribution	9/16/2019	33.6	NA	NA	NA	NA
Arkansas	Oklahoma Gas and Electric Co.	OGE	D-18-046-FR (2019 update)	Electric	Vertically Integrated	10/1/2019	5.4	5.33	NA	37.92	641.19
Mississippi	Mississippi Power Co.	SO	D-2019-UN-0219	Electric	Vertically Integrated	11/26/2019	(5.8)	7.73	10.30	53.10	2,362.14
Missouri	Union Electric Co.	AEE	C-ER-2019-0335	Electric	Vertically Integrated	7/3/2019	(0.8)	7.36	9.95	51.91	7,977.97
Virginia	Kentucky Utilities Co.	PPL	C-PUR-2019-00060	Electric	Vertically Integrated	7/12/2019	12.7	7.57	10.50	54.04	253.87
Minnesota	Northern States Power Co.	XEL	D-E-002/GR-19-564	Electric	Vertically Integrated	11/1/2019	466.1	7.47	10.20	52.50	9,805.74
Massachusetts	Massachusetts Electric Co.	NG.	DPU-20-68	Electric	Distribution	6/15/2020	46.1	NA	NA	NA	NA
Texas	Lone Star Transmission LLC	NEE	D-51206	Electric	Transmission	8/21/2020	(5.3)	NA	NA	NA	NA
Missouri	Empire District Electric Co.	AQN	C-ER-2020-0396	Electric	Vertically Integrated	NA	NA	NA	NA	NA	NA
California	Pacific Gas and Electric Co.	PCG	A-18-12-009 (Elec)	Electric	Vertically Integrated	12/13/2018	924.0	NA	NA	NA	22,508.24
Arkansas	Entergy Arkansas LLC	ETR	D-16-036-FR (2020 review)	Electric	Vertically Integrated	7/7/2020	72.6	5.16	NA	37.27	8,381.16
Minnesota	Minnesota Power Entrprs Inc.	ALE	D-E-015/GR-19-442	Electric	Vertically Integrated	11/1/2019	65.9	7.47	10.05	53.81	2,072.02
Massachusetts	NSTAR Electric Co.	ES	DPU 20-96	Electric	Distribution	9/15/2020	29.9	NA	NA	NA	NA
Texas	Cross Texas Transmission		D-51534	Electric	Transmission	11/19/2020	(8.9)	NA	NA	NA	NA
Texas	Electric Transmission Texas		D-51583	Electric	Transmission	12/9/2020	(8.3)	NA	NA	NA	NA
Arkansas	Oklahoma Gas and Electric Co.	OGE	D-18-046-FR (2020 update)	Electric	Vertically Integrated	10/1/2020	6.7	5.31	NA	37.92	673.05
Louisiana	Cleco Power LLC		D-U-35299	Electric	Vertically Integrated	6/28/2019	109.6	8.18	11.00	53.00	3,486.96
Minnesota	Northern States Power Co.	XEL	D-E-002/GR-20-723	Electric	Vertically Integrated	11/2/2020	362.6	NA	10.20	52.50	9,950.58
Wisconsin	Wisconsin Electric Power Co.	WEC	D-5-AF-107 (WEP-Elec)	Electric	Vertically Integrated	3/30/2021	0.0	NA	NA	NA	NA
Wisconsin	Wisconsin Public Service Corp.	WEC	D-5-AF-107 (Elec)	Electric	Vertically Integrated	3/30/2021	0.0	NA	NA	NA	NA
California	Southern California Edison Co.	EIX	A-19-08-013 (Track 1)	Electric	Vertically Integrated	8/30/2019	1,219.6	7.68	NA	NA	28,823.74
Massachusetts	Massachusetts Electric Co.	NG.	DPU 21-74	Electric	Distribution	6/15/2021	51.5	NA	NA	NA	NA

Limited Issue Riders

Virginia	Appalachian Power Co.	AEP	C-PUE-2005-00056 (Rider)	Electric	Limited-Issue Rider	7/1/2005	62.1	7.81	10.85	42.65	NA
Virginia	Appalachian Power Co.	AEP	C-PUE-2007-00069 (Rider)	Electric	Limited-Issue Rider	7/16/2007	38.2	8.51	12.00	44.28	NA
Virginia	Virginia Electric & Power Co.	D	C-PUE-2007-00066 (Rider S)	Electric	Limited-Issue Rider	7/13/2007	83.3	9.69	13.75	48.88	532.30
Idaho	Idaho Power Co.	IDA	IPC-E-08-01	Electric	Limited-Issue Rider	3/7/2008	9.0	8.10	NA	NA	NA
Virginia	Appalachian Power Co.	AEP	PUE-2008-00045 (Rider)	Electric	Limited-Issue Rider	5/30/2008	17.6	8.33	11.75	41.29	648.80
Virginia	Appalachian Power Co.	AEP	C-PUE-2009-00039 (Rider)	Electric	Limited-Issue Rider	5/15/2008	41.6	8.51	12.50	41.61	870.70
Idaho	Idaho Power Co.	IDA	C-IPC-E-09-07	Electric	Limited-Issue Rider	3/13/2009	11.2	8.18	10.50	49.27	NA
Oregon	Portland General Electric Co.	POR	D-UE-204	Electric	Limited-Issue Rider	10/24/2008	12.9	NA	NA	NA	NA
Virginia	Virginia Electric & Power Co.	D	C-PUE-2009-00011 (Rider S)	Electric	Limited-Issue Rider	3/31/2009	99.2	10.41	14.50	52.06	1,154.12
Virginia	Virginia Electric & Power Co.	D	C-PUE-2009-00017(Rider R)	Electric	Limited-Issue Rider	3/31/2009	77.3	10.41	14.50	52.06	418.70
Utah	PacifiCorp	BRK.A	D-10-035-13	Electric	Limited-Issue Rider	2/1/2010	33.7	8.54	11.00	51.00	221.32
South Carolina	Dominion Energy South Carolina	D	D-2010-157-E	Electric	Limited-Issue Rider	5/28/2010	54.6	8.60	11.00	53.36	462.00
Utah	PacifiCorp	BRK.A	D-10-035-89	Electric	Limited-Issue Rider	8/3/2010	39.0	8.34	10.60	51.00	312.85
Georgia	Georgia Power Co.	SO	D-32539	Electric	Limited-Issue Rider	9/3/2010	218.0	NA	NA	NA	NA
Virginia	Virginia Electric & Power Co.	D	C-PUE-2010-00054(Rider S)	Electric	Limited-Issue Rider	6/25/2010	45.9	8.78	12.30	49.37	1,401.57
Virginia	Virginia Electric & Power Co.	D	C-PUE-2010-00055(Rider R)	Electric	Limited-Issue Rider	6/25/2010	13.9	8.78	12.30	49.37	449.18
South Carolina	Dominion Energy South Carolina	D	D-2011-207-E	Electric	Limited-Issue Rider	5/27/2011	58.5	8.85	NA	54.58	484.70
Virginia	Appalachian Power Co.	AEP	PUE-2011-00035 (E-RAC)	Electric	Limited-Issue Rider	3/31/2011	38.5	NA	NA	NA	633.65
Georgia	Georgia Power Co.	SO	D-32539 (2012 Update)	Electric	Limited-Issue Rider	11/1/2011	35.6	NA	NA	NA	NA
Virginia	Appalachian Power Co.	AEP	C-PUE-2011-00036(G-RAC)	Electric	Limited-Issue Rider	3/31/2011	26.9	8.36	12.15	42.69	158.27
Virginia	Virginia Electric & Power Co.	D	C-PUE-2011-00042(Rider W)	Electric	Limited-Issue Rider	5/2/2011	35.3	8.77	11.40	53.25	261.02
Virginia	Virginia Electric & Power Co.	D	C-PUE-2011-00073 (Rider B)	Electric	Limited-Issue Rider	6/27/2011	6.4	9.03	12.40	53.25	42.94
Virginia	Virginia Electric & Power Co.	D	C-PUE-2011-00066(Rider R)	Electric	Limited-Issue Rider	6/27/2011	2.8	9.60	13.50	53.25	395.27
Montana	NorthWestern Corp.	NWE	D-D2008.8.95	Electric	Limited-Issue Rider	8/25/2008	39.1	NA	NA	NA	172.68
Virginia	Virginia Electric & Power Co.	D	C-PUE-2011-00067(Rider S)	Electric	Limited-Issue Rider	6/27/2011	50.1	9.60	13.50	53.25	1,328.90
Mississippi	Mississippi Power Co.	SO	D-2011-UN-0135	Electric	Limited-Issue Rider	11/15/2011	58.6	7.45	10.43	47.51	863.51
Idaho	Idaho Power Co.	IDA	C-IPC-E-12-14	Electric	Limited-Issue Rider	3/2/2012	59.9	NA	NA	NA	336.70
Oregon	Idaho Power Co.	IDA	D-UE-248	Electric	Limited-Issue Rider	3/9/2012	3.0	NA	NA	NA	15.29
South Carolina	Dominion Energy South Carolina	D	D-2012-186-E	Electric	Limited-Issue Rider	5/30/2012	56.7	8.74	NA	54.11	1,594.74
Georgia	Georgia Power Co.	SO	D-32539 (2013 Update)	Electric	Limited-Issue Rider	11/1/2012	50.2	NA	NA	NA	NA
Virginia	Appalachian Power Co.	AEP	PUE-2012-00036 (G-RAC)	Electric	Limited-Issue Rider	3/30/2012	1.9	8.18	11.40	44.28	167.39
Virginia	Virginia Electric & Power Co.	D	C-PUE-2012-00068 (Rider R)	Electric	Limited-Issue Rider	6/1/2012	6.6	8.36	11.40	52.81	379.70
Virginia	Virginia Electric & Power Co.	D	C-PUE-2012-00067(Rider W)	Electric	Limited-Issue Rider	6/1/2012	52.0	8.36	11.40	52.81	684.75
Virginia	Virginia Electric & Power Co.	D	C-PUE-2012-00071(Rider S)	Electric	Limited-Issue Rider	6/29/2012	2.7	8.36	11.40	52.81	1,221.89
Virginia	Virginia Electric & Power Co.	D	C-PUE-2012-00072 (Rider B)	Electric	Limited-Issue Rider	6/29/2012	5.8	8.89	12.40	52.81	104.18
Virginia	Virginia Electric & Power Co.	D	C-PUE-2012-00128 (Rider BW)	Electric	Limited-Issue Rider	11/2/2012	43.5	8.36	11.40	52.81	351.04
South Carolina	Dominion Energy South Carolina	D	D-2013-150-E	Electric	Limited-Issue Rider	5/30/2013	69.7	8.56	NA	53.68	2,126.94
West Virginia	Monongahela Power Co.	FE	C-12-1571-E-PC (Rider)	Electric	Limited-Issue Rider	11/16/2012	192.9	7.51	10.50	45.00	1,115.79
Virginia	Appalachian Power Co.	AEP	PUE-2013-00010 (E-RAC)	Electric	Limited-Issue Rider	3/29/2013	38.5	NA	NA	NA	845.78
Virginia	Appalachian Power Co.	AEP	PUE-2013-00009 (G-RAC)	Electric	Limited-Issue Rider	3/29/2013	11.9	7.88	11.40	44.28	159.08
Georgia	Georgia Power Co.	SO	D-32539 (2014 Update)	Electric	Limited-Issue Rider	11/1/2013	64.9	NA	NA	NA	NA
Virginia	Virginia Electric & Power Co.	D	C-PUE-2013-00065 (Rider W)	Electric	Limited-Issue Rider	5/31/2013	39.6	9.16	12.50	55.62	791.65
Virginia	Virginia Electric & Power Co.	D	C-PUE-2013-00061 (Rider S)	Electric	Limited-Issue Rider	6/14/2013	39.2	9.16	12.50	55.62	1,266.29
Virginia	Virginia Electric & Power Co.	D	C-PUE-2013-00060 (Rider B)	Electric	Limited-Issue Rider	6/14/2013	10.1	9.72	13.50	55.62	100.37
Virginia	Virginia Electric & Power Co.	D	C-PUE-2013-00122 (Rider BW)	Electric	Limited-Issue Rider	11/1/2013	57.2	9.07	12.50	55.02	733.62
South Carolina	Dominion Energy South Carolina	D	D-2014-187-E	Electric	Limited-Issue Rider	5/30/2014	70.0	8.51	NA	53.29	2,701.22
Montana	NorthWestern Corp.	NWE	D-D2013.12.85	Electric	Limited-Issue Rider	12/20/2013	121.0	7.14	10.00	48.00	838.80
District of Columbi	Potomac Electric Power Co.	EXC	FC-1116	Electric	Limited-Issue Rider	6/17/2014	4.7	NA	NA	NA	NA
Indiana	Northern IN Public Svc Co.	NI	Ca-44371-TDSIC-1	Electric	Limited-Issue Rider	8/28/2014	0.8	NA	NA	NA	19.70
Arizona	Arizona Public Service Co.	PNW	D-E-01345A-11-0224 (Four Cnrs)	Electric	Limited-Issue Rider	12/30/2013	65.4	8.33	NA	NA	225.93
Georgia	Georgia Power Co.	SO	D-32539 (2015 Update)	Electric	Limited-Issue Rider	10/31/2014	26.6	NA	NA	NA	NA

Virginia	Virginia Electric & Power Co.	D	C-PUE-2014-00042 (Rider W)	Electric	Limited-Issue Rider	5/30/2014	36.9	7.88	11.00	52.03	NA
Virginia	Virginia Electric & Power Co.	D	C-PUE-2014-00050 (Rider B)	Electric	Limited-Issue Rider	6/16/2014	(2.2)	NA	12.00	52.03	102.56
Virginia	Virginia Electric & Power Co.	D	C-PUE-2014-00052 (Rider R)	Electric	Limited-Issue Rider	6/16/2014	13.5	7.88	11.00	52.03	372.41
Virginia	Virginia Electric & Power Co.	D	C-PUE-2014-00051 (Rider S)	Electric	Limited-Issue Rider	6/16/2014	5.8	7.88	11.00	52.03	1,215.59
Virginia	Virginia Electric & Power Co.	D	C-PUE-2014-00103 (Rider BW)	Electric	Limited-Issue Rider	10/31/2014	60.5	7.88	11.00	52.03	939.68
Mississippi	Mississippi Power Co.	SO	D-2013-UN-0014	Electric	Limited-Issue Rider	1/25/2013	170.5	6.95	9.70	49.95	1,757.41
South Carolina	Dominion Energy South Carolina	D	D-2015-160-E	Electric	Limited-Issue Rider	5/29/2015	69.6	8.45	NA	52.46	3,267.49
Mississippi	Mississippi Power Co.	SO	D-2015-UN-0080	Electric	Limited-Issue Rider	5/15/2015	272.9	7.25	10.20	49.42	2,355.67
Georgia	Georgia Power Co.	SO	D-32539 (2016 Update)	Electric	Limited-Issue Rider	10/30/2015	19.1	NA	NA	NA	NA
Idaho	PacifiCorp	BRK.A	C-PAC-E-15-09	Electric	Limited-Issue Rider	5/27/2015	10.2	NA	NA	NA	NA
North Dakota	MDU Resources Group	MDU	C-PU-15-703	Electric	Limited-Issue Rider	10/26/2015	15.4	8.74	10.75	50.27	135.86
Indiana	Northern IN Public Svc Co.	NI	Ca-44371-TDSIC-2	Electric	Limited-Issue Rider	2/26/2015	2.1	NA	NA	NA	62.33
Virginia	Virginia Electric & Power Co.	D	C-PUE-2015-00058 (Rider B)	Electric	Limited-Issue Rider	6/1/2015	21.3	8.10	12.00	49.99	126.62
Virginia	Virginia Electric & Power Co.	D	C-PUE-2015-00059 (Rider R)	Electric	Limited-Issue Rider	6/1/2015	(7.8)	7.60	11.00	49.99	353.90
Virginia	Virginia Electric & Power Co.	D	C-PUE-2015-00060 (Rider S)	Electric	Limited-Issue Rider	6/1/2015	11.5	7.60	11.00	49.99	1,211.59
Virginia	Virginia Electric & Power Co.	D	C-PUE-2015-00061 (Rider W)	Electric	Limited-Issue Rider	6/1/2015	(15.5)	7.60	11.00	49.99	645.41
Virginia	Virginia Electric & Power Co.	D	C-PUE-2015-00075 (Rider GV)	Electric	Limited-Issue Rider	7/1/2015	41.6	7.10	10.00	49.99	389.20
Virginia	Virginia Electric & Power Co.	D	C-PUE-2015-00102 (Rider BW)	Electric	Limited-Issue Rider	10/1/2015	(23.0)	7.40	10.60	49.99	825.00
Virginia	Virginia Electric & Power Co.	D	C-PUE-2015-00104 (Rider US-2)	Electric	Limited-Issue Rider	10/1/2015	12.0	7.10	10.00	49.99	86.16
West Virginia	Appalachian Power Co.	AEP	C-16-0239-E-ENEC	Electric	Limited-Issue Rider	3/1/2016	108.3	NA	NA	NA	210.93
Virginia	Virginia Electric & Power Co.	D	C-PUE-2015-00114 (Rider U)	Electric	Limited-Issue Rider	12/1/2015	24.3	7.10	10.00	49.99	120.94
Virginia	Appalachian Power Co.	AEP	C-PUE-2016-00038	Electric	Limited-Issue Rider	3/31/2016	NA	NA	10.43	NA	NA
South Carolina	Dominion Energy South Carolina	D	D-2016-224-E	Electric	Limited-Issue Rider	6/27/2016	74.2	8.19	NA	51.18	3,878.38
West Virginia	Monongahela Power Co.	FE	C-16-1121-E-ENEC	Electric	Limited-Issue Rider	8/16/2016	64.9	NA	NA	NA	NA
Georgia	Georgia Power Co.	SO	D-32539 (2017 Update)	Electric	Limited-Issue Rider	11/1/2016	70.0	NA	NA	NA	NA
Virginia	Appalachian Power Co.	AEP	C-PUE-2016-00024 (G-RAC)	Electric	Limited-Issue Rider	3/31/2016	3.4	7.62	10.70	47.20	163.13
Indiana	Northern IN Public Svc Co.	NI	Ca-44733-TDSIC-1	Electric	Limited-Issue Rider	6/30/2016	1.9	NA	NA	NA	45.54
Virginia	Virginia Electric & Power Co.	D	C-PUE-2016-00059 (Rider B)	Electric	Limited-Issue Rider	6/1/2016	(1.1)	8.27	12.50	49.49	139.67
Virginia	Virginia Electric & Power Co.	D	C-PUE-2016-00060 (Rider GV)	Electric	Limited-Issue Rider	6/1/2016	48.8	7.28	10.50	45.49	826.93
Virginia	Virginia Electric & Power Co.	D	C-PUE-2016-00061 (Rider R)	Electric	Limited-Issue Rider	6/1/2016	0.9	7.78	11.50	49.49	354.98
Virginia	Virginia Electric & Power Co.	D	C-PUE-2016-00062 (Rider S)	Electric	Limited-Issue Rider	6/1/2016	2.5	7.78	11.50	49.49	1,214.76
Virginia	Virginia Electric & Power Co.	D	C-PUE-2016-00063 (Rider W)	Electric	Limited-Issue Rider	6/1/2016	6.3	7.78	11.50	49.49	649.07
Indiana	Duke Energy Indiana, LLC	DUK	Ca-44720-TDSIC-1	Electric	Limited-Issue Rider	10/24/2016	12.5	NA	NA	NA	17.97
Virginia	Appalachian Power Co.	AEP	C-PUE-2016-00089 (RAC-EE)	Electric	Limited-Issue Rider	8/31/2016	5.1	NA	NA	NA	16.30
Idaho	Idaho Power Co.	IDA	C-IPC-E-16-24	Electric	Limited-Issue Rider	10/21/2016	28.5	NA	9.50	NA	NA
Virginia	Virginia Electric & Power Co.	D	C-PUE-2016-00111 (Rider DSM)	Electric	Limited-Issue Rider	10/3/2016	(2.2)	7.28	10.50	49.49	50.47
Virginia	Virginia Electric & Power Co.	D	PUE-2016-00112 (Rider BW)	Electric	Limited-Issue Rider	10/3/2016	(11.3)	7.78	11.50	49.49	745.49
Virginia	Virginia Electric & Power Co.	D	C-PUE-2016-00113 (Rider US-2)	Electric	Limited-Issue Rider	10/3/2016	4.9	7.28	10.50	49.49	77.75
Virginia	Appalachian Power Co.	AEP	C-PUE-2016-00090 (VM-RAC)	Electric	Limited-Issue Rider	11/17/2016	13.8	6.97	NA	46.27	7.88
Virginia	Virginia Electric & Power Co.	D	C-PUE-2016-00136 (Rider U)	Electric	Limited-Issue Rider	12/1/2016	9.7	7.28	10.50	49.49	157.75
Indiana	Duke Energy Indiana, LLC	DUK	Ca-44720-TDSIC-2	Electric	Limited-Issue Rider	4/25/2017	9.6	NA	NA	NA	62.69
Indiana	Northern IN Public Svc Co.	NI	Ca-44733-TDSIC-2	Electric	Limited-Issue Rider	6/30/2017	14.6	NA	NA	NA	177.31
Indiana	Southern Indiana Gas & Elec Co	CNP	Ca-44910-TDSIC-1	Electric	Limited-Issue Rider	8/1/2017	1.6	NA	NA	NA	7.16
Mississippi	Mississippi Power Co.	SO	D-2017-AD-0112	Electric	Limited-Issue Rider	7/6/2017	NA	NA	NA	NA	NA
Virginia	Virginia Electric & Power Co.	D	C-PUR-2017-00072 (Rider R)	Electric	Limited-Issue Rider	6/1/2017	1.7	7.87	11.50	50.23	348.62
Virginia	Virginia Electric & Power Co.	D	C-PUR-2017-00074 (Rider W)	Electric	Limited-Issue Rider	6/1/2017	(11.5)	7.21	10.20	50.23	612.63
Virginia	Virginia Electric & Power Co.	D	C-PUR-2017-00073 (Rider S)	Electric	Limited-Issue Rider	6/1/2017	2.1	7.87	11.50	50.23	1,168.91
Virginia	Virginia Electric & Power Co.	D	C-PUR-2017-00071 (Rider GV)	Electric	Limited-Issue Rider	6/1/2017	12.3	6.71	9.20	50.23	926.51
Virginia	Virginia Electric & Power Co.	D	C-PUR-2017-00070 (Rider B)	Electric	Limited-Issue Rider	6/1/2017	14.9	8.37	12.50	50.23	145.74
Georgia	Georgia Power Co.	SO	D-32539 (2018 Update)	Electric	Limited-Issue Rider	11/1/2017	(50.0)	NA	NA	NA	NA
Virginia	Appalachian Power Co.	AEP	C-PUR-2017-00031 (Rider G)	Electric	Limited-Issue Rider	7/5/2017	NA	7.02	9.40	46.68	NA
Virginia	Virginia Electric & Power Co.	D	C-PUR-2017-00129 (Rider DSM)	Electric	Limited-Issue Rider	10/3/2017	3.1	7.36	10.50	50.23	NA
Virginia	Appalachian Power Co.	AEP	C-PUR-2017-00126 (RAC-EE)	Electric	Limited-Issue Rider	9/29/2017	2.2	NA	NA	NA	27.31
Indiana	Southern Indiana Gas & Elec Co	CNP	Ca-44910-TDSIC-2	Electric	Limited-Issue Rider	2/1/2018	1.9	NA	NA	NA	31.61
Indiana	Northern IN Public Svc Co.	NI	Ca-44733-TDSIC-3	Electric	Limited-Issue Rider	1/30/2018	12.6	NA	NA	NA	250.43
Virginia	Virginia Electric & Power Co.	D	C-PUR-2017-00128 (Rider BW)	Electric	Limited-Issue Rider	10/5/2017	5.3	7.87	11.50	50.23	699.93
Virginia	Virginia Electric & Power Co.	D	C-PUR-2017-00127 (Rider US-2)	Electric	Limited-Issue Rider	10/3/2017	5.1	7.36	10.50	50.23	70.57
Florida	Duke Energy Florida LLC	DUK	D-20180084-EI	Electric	Limited-Issue Rider	4/2/2018	200.5	6.62	NA	45.52	1,373.82
West Virginia	Appalachian Power Co.	AEP	18-0503-E-ENEC	Electric	Limited-Issue Rider	4/17/2018	94.6	NA	NA	NA	NA
Indiana	Duke Energy Indiana, LLC	DUK	Ca-44720-TDSIC-4	Electric	Limited-Issue Rider	4/25/2018	14.3	NA	NA	NA	213.31
Indiana	Northern IN Public Svc Co.	NI	Ca-44733-TDSIC-4	Electric	Limited-Issue Rider	7/31/2018	15.5	NA	NA	NA	324.74
Indiana	Southern Indiana Gas & Elec Co	CNP	Ca-44910-TDSIC-3	Electric	Limited-Issue Rider	8/1/2018	3.9	NA	NA	NA	59.20
Virginia	Virginia Electric & Power Co.	D	C-PUR-2018-00042 (Rider U)	Electric	Limited-Issue Rider	3/19/2018	50.7	6.87	9.20	51.37	309.30
Virginia	Appalachian Power Co.	AEP	C-PUR-2018-00018 (G-RAC)	Electric	Limited-Issue Rider	3/29/2018	7.2	7.76	10.40	50.46	181.90
West Virginia	Monongahela Power Co.	FE	C-18-1231-E-ENEC	Electric	Limited-Issue Rider	8/31/2018	(100.9)	NA	NA	NA	NA
Virginia	Virginia Electric & Power Co.	D	C-PUR-2018-00083 (Rider B)	Electric	Limited-Issue Rider	6/1/2018	0.8	6.87	9.20	51.37	148.79
Virginia	Virginia Electric & Power Co.	D	C-PUR-2018-00084 (Rider GV)	Electric	Limited-Issue Rider	6/1/2018	39.7	6.87	9.20	51.37	963.48
Virginia	Virginia Electric & Power Co.	D	C-PUR-2018-00085 (Rider R)	Electric	Limited-Issue Rider	6/1/2018	(7.4)	7.38	10.20	51.37	327.92
Virginia	Virginia Electric & Power Co.	D	C-PUR-2018-00086 (Rider S)	Electric	Limited-Issue Rider	6/1/2018	1.7	7.39	10.20	51.37	1,137.08
Virginia	Virginia Electric & Power Co.	D	C-PUR-2018-00087 (Rider W)	Electric	Limited-Issue Rider	6/1/2018	(2.0)	7.39	10.20	51.37	634.64
Florida	Duke Energy Florida LLC	DUK	D-20180149	Electric	Limited-Issue Rider	7/31/2018	29.2	NA	10.50	NA	NA
Virginia	Virginia Electric & Power Co.	D	C-PUR-2018-00101 (Rider US-3)	Electric	Limited-Issue Rider	7/24/2018	10.6	6.87	9.20	51.37	102.06
Virginia	Appalachian Power Co.	AEP	C-PUR-2018-00118 (RAC-EE)	Electric	Limited-Issue Rider	9/28/2018	(0.0)	NA	9.42	NA	NA
Virginia	Virginia Electric & Power Co.	D	C-PUR-2017-00168 (Rider DSM)	Electric	Limited-Issue Rider	10/3/2018	18.4	6.87	9.20	51.37	NA
Indiana	Southern Indiana Gas & Elec Co	CNP	Ca-44910-TDSIC-4	Electric	Limited-Issue Rider	2/4/2019	4.1	NA	NA	NA	83.57
Indiana	Northern IN Public Svc Co.	NI	Ca-44733-TDSIC-5	Electric	Limited-Issue Rider	1/29/2019	16.7	NA	NA	NA	375.16
Virginia	Virginia Electric & Power Co.	D	C-PUR-2018-00166 (Rider BW)	Electric	Limited-Issue Rider	10/3/2018	3.1	7.39	10.20	51.37	656.56
Virginia	Virginia Electric & Power Co.	D	C-PUR-2018-00167 (Rider US-2)	Electric	Limited-Issue Rider	10/3/2018	1.8	6.87	9.20	51.37	68.66
Virginia	Virginia Electric & Power Co.	D	C-PUR-2018-00195 (Rider E)	Electric	Limited-Issue Rider	12/14/2018	113.7	6.87	9.20	51.37	219.30
Indiana	Duke Energy Indiana, LLC	DUK	Ca-44720-TDSIC-6	Electric	Limited-Issue Rider	4/30/2019	23.5	NA	NA	NA	393.50
Virginia	Virginia Electric & Power Co.	D	C-PUR-2019-00046 (Rider U)	Electric	Limited-Issue Rider	3/25/2019	(14.0)	7.62	10.75	51.17	375.01
Indiana	Southern Indiana Gas & Elec Co	CNP	Ca-44910-TDSIC-5	Electric	Limited-Issue Rider	8/2/2019	7.2	NA	NA	NA	118.54
Indiana	Northern IN Public Svc Co.	NI	Ca-44733-TDSIC-6	Electric	Limited-Issue Rider	8/21/2019	44.8	NA	NA	NA	500.86
West Virginia	Monongahela Power Co.	FE	C-19-0785-E-ENEC	Electric	Limited-Issue Rider	8/21/2019	(6.1)	NA	NA	NA	NA
Virginia	Virginia Electric & Power Co.	D	C-PUR-2019-00085 (Rider B)	Electric	Limited-Issue Rider	5/31/2019	(6.3)	7.62	10.75	51.17	140.83
Virginia	Virginia Electric & Power Co.	D	C-PUR-2019-00086 (Rider GV)	Electric	Limited-Issue Rider	5/31/2019	16.4	7.62	10.75	51.17	854.65
Virginia	Virginia Electric & Power Co.	D	C-PUR-2019-00088 (Rider S)	Electric	Limited-Issue Rider	5/31/2019	(9.3)	8.13	11.75	51.17	1,108.94
Virginia	Virginia Electric & Power Co.	D	C-PUR-2019-00089 (Rider W)	Electric	Limited-Issue Rider	5/31/2019	8.1	8.13	11.75	51.17	614.22
Virginia	Virginia Electric & Power Co.	D	C-PUR-2019-00087 (Rider R)	Electric	Limited-Issue Rider	5/31/2019	(8.2)	8.13	11.75	51.17	317.82
Virginia	Appalachian Power Co.	AEP	C-PUR-2019-00038 (G-RAC)	Electric	Limited-Issue Rider	5/31/2019	(6.6)	7.79	10.42	50.78	174.43
Virginia	Virginia Electric & Power Co.	D	C-PUR-2019-00104 (Rider US-3)	Electric	Limited-Issue Rider	7/1/2019	18.0	6.84	9.20	51.17	297.66
Virginia	Virginia Electric & Power Co.	D	C-PUR-2019-00105 (Rider US-4)	Electric	Limited-Issue Rider	7/23/2019	7.4	6.84	9.20	51.17	66.35
Indiana	Southern Indiana Gas & Elec Co	CNP	Ca-44910-TDSIC-6	Electric	Limited-Issue Rider	2/3/2020	7.4	NA	NA	NA	152.32
Virginia	Appalachian Power Co.	AEP	C-PUR-2019-00122 (RAC-EE)	Electric	Limited-Issue Rider	9/30/2019	4.0	NA	9.42	NA	9.67
Virginia	Virginia Electric & Power Co.	D	C-PUR-2019-00160 (Rider BW)	Electric	Limited-Issue Rider	10/1/2019	(20.1)	7.35	10.20	51.17	691.16
West Virginia	Appalachian Power Co.	AEP	C-20-0262-E-ENEC	Electric	Limited-Issue Rider	2/28/2020	82.0	NA	NA	NA	NA
Virginia	Virginia Electric & Power Co.	D	C-PUR-2019-00159 (Rider US-2)	Electric	Limited-Issue Rider	10/1/2019	(5.2)	6.84	9.20	51.17	62.80
Virginia	Virginia Electric & Power Co.	D	C-PUR-2019-00201 (Rider DSM)	Electric	Limited-Issue Rider	12/13/2019	10.6	6.84	9.20	51.17	68.31
Virginia	Virginia Electric & Power Co.	D	C-PUR-2020-00003 (Rider E)	Electric	Limited-Issue Rider	1/8/2020	(16.3)	6.84	9.20	51.17	218.94
Indiana	AES Indiana	AES	Ca-45264-TDSIC-1	Electric	Limited-Issue Rider	6/18/2020	4.2	NA	NA	NA	46.15
Indiana	Southern Indiana Gas & Elec Co	CNP	Ca-44910-TDSIC-7	Electric	Limited-Issue Rider	8/3/2020	9.3	NA	NA	NA	188.64
West Virginia	Monongahela Power Co.	FE	C-20-0665-E-ENEC	Electric	Limited-Issue Rider	8/28/2020	(55.0)	NA	NA	NA	NA
California	Southern California Edison Co.	EIX	A-19-08-013 (Track 2)	Electric	Vertically Integrated	9/25/2020	482.0	NA	NA	NA	NA
Indiana	Northern IN Public Svc Co.	NI	Ca-44733-TDSIC-7	Electric	Limited-Issue Rider	9/29/2020	14.2	NA	NA	NA	160.95
Virginia	Virginia Electric & Power Co.	D	C-PUR-2020-00099 (Rider B)	Electric	Limited-Issue Rider	6/1/2020	(7.8)	6.87	9.20	51.99	118.75

Virginia	Virginia Electric & Power Co.	D	C-PUR-2020-00100 (Rider GV)	Electric	Limited-Issue Rider	6/1/2020	16.8	6.87	9.20	51.99	879.49
Virginia	Virginia Electric & Power Co.	D	C-PUR-2020-00101 (Rider R)	Electric	Limited-Issue Rider	6/1/2020	14.8	7.39	10.20	51.99	305.12
Virginia	Virginia Electric & Power Co.	D	C-PUR-2020-00102 (Rider S)	Electric	Limited-Issue Rider	6/1/2020	(0.3)	7.39	10.20	51.99	1,070.70
Virginia	Virginia Electric & Power Co.	D	C-PUR-2020-00103 (Rider W)	Electric	Limited-Issue Rider	6/1/2020	14.1	7.39	10.20	51.99	599.41
Virginia	Virginia Electric & Power Co.	D	C-PUR-2020-00096 (Rider U)	Electric	Limited-Issue Rider	6/1/2020	28.2	6.87	9.20	51.99	500.26
Virginia	Virginia Electric & Power Co.	D	C-PUR-2020-00122 (Rider US-3)	Electric	Limited-Issue Rider	7/1/2020	9.8	6.87	9.20	51.99	291.09
Virginia	Virginia Electric & Power Co.	D	C-PUR-2020-00123 (Rider US-4)	Electric	Limited-Issue Rider	7/1/2020	4.4	6.87	9.20	51.99	108.52
Virginia	Virginia Electric & Power Co.	D	C-PUR-2020-0134 (Rider CE)	Electric	Limited-Issue Rider	10/30/2020	10.8	6.88	9.20	52.07	94.92
Indiana	Sthrn IN Gas & Electric Co.	CNP	Ca-44910-TDSIC-8	Electric	Limited-Issue Rider	2/1/2021	10.1	NA	NA	NA	216.91
Virginia	Virginia Electric & Power Co.	D	C-PUR-2020-00197 (Rider RBB)	Electric	Limited-Issue Rider	11/19/2020	1.2	6.88	9.20	52.07	4.15
Virginia	Virginia Electric & Power Co.	D	C-PUR-2020-00230 (Rider BW)	Electric	Limited-Issue Rider	10/5/2020	14.4	7.40	10.20	52.07	697.94
Virginia	Virginia Electric & Power Co.	D	PUR-2020-00231 (Rider US-2)	Electric	Limited-Issue Rider	10/5/2020	(0.0)	6.88	9.20	52.07	58.42
Indiana	Northern IN Public Svc Co.	NI	Ca-44733-TDSIC-8	Electric	Limited-Issue Rider	3/29/2021	10.6	NA	NA	NA	233.37
Virginia	Appalachian Power Co.	AEP	C-PUR-2020-00251 (RAC-EE)	Electric	Limited-Issue Rider	11/30/2020	6.9	NA	9.42	NA	16.78
Virginia	Virginia Electric & Power Co.	D	C-PUR-2020-00169 (Rider RGGI)	Electric	Limited-Issue Rider	11/9/2020	168.3	6.88	9.20	52.07	53.28
Virginia	Appalachian Power Co.	AEP	C-PUR-2020-00258 (E-RAC)	Electric	Limited-Issue Rider	12/23/2020	31.6	7.07	NA	50.31	55.69
West Virginia	Appalachian Power Co.	AEP	C-21-0339-E-ENEC	Electric	Limited-Issue Rider	4/16/2021	73.0	NA	NA	NA	NA
Virginia	Virginia Electric & Power Co.	D	C-PUR-2021-00013 (Rider E)	Electric	Limited-Issue Rider	1/19/2021	(17.5)	6.88	9.20	52.07	131.53
Virginia	Virginia Electric & Power Co.	D	C-PUR-2020-00274 (Rider DSM)	Electric	Limited-Issue Rider	12/2/2020	18.4	6.88	9.20	52.07	88.41

Date	Decision Type	Rate Increase ($M)	Phase-In?	Interim Authorized ?	Return on Original Cost Rate (%)	Return on Equity (%)	Common Equity to Total Capital (%)	Rate Case Test Year End Date	Rate Base ($M)	Rate Base Valuation Method	Rate Case Duration (months)
1/1/1980	Fully Litigated	5.3	No	No	10.80	14.50	39.30	09/1979	NA	NA	1
1/7/1980	Fully Litigated	35.1	No	No	10.24	14.39	35.80	09/1979	NA	NA	9
1/9/1980	Fully Litigated	82.0	No	Yes	10.55	15.00	38.01	03/1979	NA	Year-end	6
1/14/1980	Fully Litigated	62.3	Yes	No	11.15	15.17	36.65	12/1980	NA	NA	7
1/17/1980	Fully Litigated	11.1	No	Yes	9.98	13.93	NA	08/1979	NA	Year-end	2
1/23/1980	Fully Litigated	65.5	No	No	10.75	15.50	37.68	06/1979	928.00	Year-end	3
1/30/1980	Fully Litigated	117.4	No	No	10.12	13.86	34.54	09/1979	NA	NA	9
1/31/1980	Fully Litigated	5.6	No	No	10.31	12.61	52.00	12/1978	NA	NA	6
2/6/1980	Fully Litigated	389.6	No	No	10.05	13.71	33.00	12/1979	NA	NA	10
2/13/1980	Fully Litigated	4.0	No	No	10.12	12.80	44.37	04/1979	NA	Average	3
2/14/1980	Fully Litigated	6.0	No	No	NA	13.00	40.00	12/1980	185.90	Average	8
2/19/1980	Fully Litigated	21.8	No	Yes	NA	13.50	36.90	12/1978	NA	Average	31
2/27/1980	Fully Litigated	4.0	No	No	9.46	13.75	34.65	03/1979	NA	Average	6
2/29/1980	Fully Litigated	14.7	No	No	9.95	13.75	33.00	06/1978	NA	Year-end	16
2/29/1980	Fully Litigated	122.6	No	No	10.22	14.00	38.50	03/1981	NA	Average	10
2/29/1980	Fully Litigated	30.7	No	No	10.77	14.77	35.13	09/1979	NA	NA	9
3/7/1980	Fully Litigated	16.8	No	No	NA	12.70	33.81	10/1980	NA	Average	5
3/14/1980	Fully Litigated	132.7	No	Yes	9.25	13.50	30.30	12/1979	NA	NA	15
3/26/1980	Fully Litigated	16.3	No	No	10.50	14.16	37.50	12/1979	NA	NA	4
3/27/1980	Fully Litigated	11.6	No	No	10.12	14.24	39.25	03/1981	NA	Average	11
3/28/1980	Fully Litigated	47.2	No	No	9.42	14.50	33.83	12/1979	NA	NA	3
4/11/1980	Fully Litigated	1.5	No	No	10.20	12.75	41.69	03/1979	NA	Year-end	10
4/14/1980	Fully Litigated	18.9	No	No	9.60	13.85	37.90	11/1979	NA	Average	7
4/16/1980	Fully Litigated	11.0	No	No	9.83	15.50	34.60	12/1979	NA	Year-end	4
4/22/1980	Fully Litigated	3.3	No	No	9.70	13.25	32.93	12/1980	NA	Average	8
4/22/1980	Fully Litigated	43.4	No	No	10.66	13.90	38.00	12/1978	NA	NA	7
4/24/1980	Fully Litigated	46.1	No	No	11.64	16.80	36.93	09/1980	NA	Average	6
4/29/1980	Fully Litigated	81.9	No	No	10.91	15.50	38.61	09/1979	NA	Year-end	3
5/6/1980	Fully Litigated	25.1	No	No	NA	13.70	NA	04/1981	NA	Average	7
5/7/1980	Fully Litigated	(15.1)	No	No	10.64	15.00	42.85	06/1979	NA	Year-end	10
5/8/1980	Fully Litigated	134.6	No	No	9.46	13.75	35.91	12/1979	NA	NA	13
5/9/1980	Fully Litigated	88.8	No	No	10.51	14.35	35.00	03/1980	NA	Year-end	9
5/13/1980	Fully Litigated	3.6	No	No	12.60	13.60	30.64	03/1979	NA	NA	9
5/15/1980	Fully Litigated	35.5	No	No	9.38	13.25	36.00	06/1979	NA	Year-end	15
5/19/1980	Fully Litigated	18.7	No	No	10.56	13.75	36.00	12/1979	NA	Average	12
5/27/1980	Fully Litigated	37.7	No	Yes	10.60	13.62	33.00	03/1979	NA	Average	13
5/27/1980	Fully Litigated	45.9	No	No	9.54	14.60	35.80	12/1979	NA	Year-end	2
5/29/1980	Fully Litigated	33.1	No	No	8.95	16.00	37.21	07/1979	NA	NA	6
5/30/1980	Fully Litigated	13.9	No	No	10.30	13.80	35.45	06/1979	NA	NA	6
6/2/1980	Settled	31.9	No	No	10.76	15.63	35.30	08/1979	NA	Year-end	3
6/9/1980	Fully Litigated	18.3	No	Yes	12.49	15.90	34.24	05/1979	NA	NA	9
6/10/1980	Fully Litigated	73.9	No	No	9.63	13.78	38.50	01/1980	NA	Average	7
6/12/1980	Settled	10.2	No	No	10.50	14.25	35.00	09/1979	411.80	Year-end	4
6/19/1980	Fully Litigated	45.7	No	No	10.16	13.40	34.28	12/1979	NA	Year-end	10
6/30/1980	Fully Litigated	33.5	No	Yes	9.65	13.00	33.32	03/1979	NA	NA	13
6/30/1980	Fully Litigated	7.4	No	Yes	9.85	13.40	34.00	05/1979	NA	Average	12
7/9/1980	Fully Litigated	41.7	No	No	10.11	14.75	35.90	12/1980	NA	Average	10
7/10/1980	Fully Litigated	69.6	No	No	10.82	15.00	38.41	12/1979	NA	NA	9
7/15/1980	Settled	3.9	No	No	11.15	15.80	35.56	09/1979	NA	Year-end	4
7/18/1980	Fully Litigated	38.4	No	No	10.32	13.80	39.90	07/1981	NA	Average	10
7/22/1980	Fully Litigated	35.5	No	No	10.58	14.10	39.90	07/1981	NA	Average	10
7/24/1980	Fully Litigated	5.1	No	No	11.72	15.00	36.55	12/1979	NA	Year-end	3
7/25/1980	Fully Litigated	4.2	No	No	9.57	13.48	30.50	12/1979	NA	Year-end	4
7/31/1980	Fully Litigated	31.8	No	No	10.62	14.58	34.60	12/1979	NA	NA	9
8/8/1980	Fully Litigated	70.3	No	No	9.23	13.50	30.54	12/1980	NA	NA	18
8/8/1980	Fully Litigated	4.7	No	No	10.65	14.00	32.20	12/1979	NA	NA	5
8/8/1980	Fully Litigated	6.2	No	No	10.49	15.45	34.92	08/1979	NA	Year-end	5
8/11/1980	Fully Litigated	8.1	No	No	10.74	14.85	36.62	12/1979	NA	NA	4
8/14/1980	Settled	80.0	No	No	9.97	14.00	25.95	11/1979	NA	NA	7
8/14/1980	Settled	31.9	No	No	12.16	16.25	40.35	12/1979	286.40	Year-end	2
8/25/1980	Fully Litigated	9.2	No	No	9.66	13.75	27.40	12/1979	NA	Year-end	10
8/27/1980	Fully Litigated	65.6	No	No	9.93	13.80	36.40	12/1979	NA	Year-end	6
8/29/1980	Fully Litigated	23.4	No	Yes	10.21	12.50	35.37	06/1979	NA	NA	13
9/15/1980	Fully Litigated	60.0	No	No	9.79	13.50	31.01	12/1979	NA	Year-end	5
9/15/1980	Fully Litigated	22.3	No	Yes	10.27	13.93	32.30	12/1979	NA	Year-end	2
9/15/1980	Settled	134.9	No	No	11.32	15.80	38.80	03/1980	NA	Year-end	2
9/24/1980	Fully Litigated	15.8	No	No	9.42	12.50	37.80	12/1979	NA	Average	30
9/24/1980	Fully Litigated	43.7	No	No	10.14	15.00	36.43	01/1980	NA	Year-end	5
9/26/1980	Fully Litigated	50.6	No	No	10.15	13.75	39.10	06/1980	NA	NA	10
9/30/1980	Fully Litigated	57.5	No	No	10.88	14.10	38.00	12/1979	NA	NA	7
9/30/1980	Fully Litigated	42.7	No	No	10.61	14.20	32.93	12/1979	NA	Year-end	6
10/1/1980	Fully Litigated	27.7	No	No	10.28	13.90	34.40	01/1980	NA	Year-end	5
10/3/1980	Fully Litigated	69.4	No	Yes	11.31	15.50	39.58	03/1980	NA	Year-end	4
10/7/1980	Fully Litigated	12.2	No	No	9.76	12.50	37.16	03/1980	NA	Average	22
10/9/1980	Fully Litigated	71.0	No	Yes	NA	13.25	38.43	12/1980	NA	Average	13
10/9/1980	Fully Litigated	72.3	No	No	10.25	14.50	35.12	12/1979	NA	NA	5
10/9/1980	Fully Litigated	40.5	No	No	10.49	14.50	37.10	12/1979	NA	NA	5
10/16/1980	Settled	44.0	No	No	11.24	16.10	30.34	12/1979	NA	Year-end	4
10/17/1980	Fully Litigated	31.0	No	Yes	8.40	14.50	32.04	12/1979	NA	NA	8
10/31/1980	Fully Litigated	16.2	No	No	10.78	13.75	35.70	12/1979	NA	NA	9
10/31/1980	Fully Litigated	16.9	No	No	9.07	14.25	35.12	12/1979	NA	NA	6
11/4/1980	Fully Litigated	6.2	No	No	10.99	15.00	37.35	12/1979	NA	Year-end	6
11/5/1980	Fully Litigated	15.9	No	No	10.10	13.75	31.90	12/1979	NA	Average	6
11/5/1980	Fully Litigated	11.6	No	No	9.94	14.00	33.80	12/1979	NA	Average	7
11/8/1980	Fully Litigated	5.8	No	No	9.60	13.75	34.10	12/1979	NA	NA	6
11/10/1980	Fully Litigated	40.6	No	Yes	8.90	14.85	28.96	12/1979	NA	NA	8
11/17/1980	Fully Litigated	77.3	No	No	10.77	14.00	35.70	12/1979	878.50	Average	11
11/18/1980	Fully Litigated	5.8	No	No	10.09	14.00	34.94	12/1979	NA	NA	22
11/19/1980	Fully Litigated	1.8	No	No	10.26	13.00	45.23	12/1979	NA	Average	4

11/24/1980	Fully Litigated	48.3	No	No	9.88	14.00	34.80	06/1981	485.00	Average	6
11/26/1980	Fully Litigated	5.4	No	No	11.81	14.00	41.30	12/1979	NA	NA	6
12/8/1980	Fully Litigated	71.8	No	No	10.80	14.15	36.00	09/1979	NA	NA	7
12/8/1980	Fully Litigated	35.8	No	No	11.30	15.10	40.00	03/1980	NA	NA	5
12/9/1980	Settled	9.5	No	No	10.63	15.35	43.00	06/1980	NA	Year-end	2
12/12/1980	Fully Litigated	27.1	No	No	10.19	15.45	34.62	06/1980	NA	Year-end	7
12/17/1980	Fully Litigated	11.5	No	No	10.82	13.25	42.72	03/1980	NA	Year-end	5
12/18/1980	Settled	5.2	No	No	11.29	15.80	32.40	03/1980	NA	Year-end	4
12/19/1980	Fully Litigated	39.1	No	Yes	10.31	14.50	34.90	12/1979	NA	Average	10
12/19/1980	Fully Litigated	14.5	No	No	10.00	14.64	34.90	12/1979	NA	Year-end	7
12/22/1980	Fully Litigated	21.7	No	No	10.34	13.45	38.71	09/1979	442.70	Average	8
12/22/1980	Fully Litigated	11.9	No	No	11.16	15.00	38.11	03/1980	NA	Year-end	5
12/30/1980	Fully Litigated	81.0	No	No	11.36	14.50	36.25	12/1981	NA	NA	6
12/30/1980	Fully Litigated	294.2	Yes	No	11.20	14.95	40.00	12/1981	NA	NA	12
12/31/1980	Fully Litigated	3.3	No	No	9.75	13.39	43.68	12/1981	NA	Average	7
1/2/1981	Fully Litigated	90.1	No	Yes	11.71	15.25	36.50	12/1979	NA	Average	10
1/7/1981	Fully Litigated	23.3	No	No	9.92	14.30	35.56	12/1980	NA	Year-end	10
1/19/1981	Fully Litigated	78.4	No	No	10.52	15.25	36.31	03/1980	NA	Year-end	12
1/23/1981	Fully Litigated	3.1	No	No	10.01	13.10	32.76	04/1980	NA	Average	5
1/23/1981	Fully Litigated	11.7	No	No	11.13	14.40	28.32	12/1980	NA	NA	6
1/26/1981	Fully Litigated	17.7	No	Yes	11.25	15.25	36.02	12/1979	NA	Average	10
1/27/1981	Fully Litigated	46.0	No	No	10.75	15.00	35.69	12/1979	NA	NA	11
1/31/1981	Fully Litigated	61.4	No	Yes	9.91	13.47	33.76	04/1981	NA	NA	12
2/3/1981	Fully Litigated	47.4	No	No	10.23	15.25	36.60	12/1980	NA	Year-end	9
2/5/1981	Fully Litigated	101.5	No	No	11.35	15.75	32.70	12/1980	NA	Year-end	9
2/11/1981	Fully Litigated	91.4	No	No	11.25	15.60	32.21	10/1980	1,690.30	Date Certain	9
2/20/1981	Fully Litigated	47.5	No	No	10.56	15.25	33.80	12/1979	NA	Year-end	9
3/11/1981	Fully Litigated	57.1	No	Yes	9.20	15.40	28.69	12/1980	NA	NA	10
3/12/1981	Fully Litigated	449.5	No	No	10.12	14.51	46.56	03/1982	5,546.10	Average	10
3/12/1981	Fully Litigated	161.3	No	No	11.51	16.00	39.50	03/1982	NA	Average	10
3/13/1981	Fully Litigated	6.2	No	No	9.39	13.02	36.70	09/1980	NA	Year-end	10
3/18/1981	Fully Litigated	50.5	No	No	11.28	16.19	34.44	10/1980	NA	NA	9
3/19/1981	Fully Litigated	3.3	No	No	9.74	13.75	36.30	08/1980	NA	Average	3
3/23/1981	Fully Litigated	16.2	No	No	10.86	14.30	36.00	06/1980	296.50	Average	11
3/25/1981	Fully Litigated	30.2	No	No	10.20	15.30	37.60	12/1979	NA	Year-end	10
4/1/1981	Fully Litigated	58.7	No	No	11.15	14.53	34.62	12/1980	1,956.80	Date Certain	9
4/3/1981	Fully Litigated	45.2	No	No	11.45	19.10	30.30	12/1979	NA	Year-end	8
4/9/1981	Fully Litigated	18.9	No	No	9.78	15.00	30.16	12/1980	NA	Average	11
4/9/1981	Fully Litigated	64.5	No	No	11.40	15.30	33.41	12/1980	NA	NA	9
4/9/1981	Fully Litigated	54.9	No	No	10.82	16.50	33.06	03/1981	NA	Year-end	8
4/9/1981	Fully Litigated	51.8	No	No	11.17	17.00	36.80	03/1981	NA	Year-end	8
4/10/1981	Fully Litigated	15.3	No	Yes	10.61	13.75	33.80	12/1979	NA	NA	13
4/13/1981	Fully Litigated	3.7	No	Yes	10.14	13.57	32.66	12/1980	NA	NA	12
4/15/1981	Fully Litigated	10.7	No	No	10.92	15.30	37.25	12/1979	NA	Year-end	10
4/16/1981	Fully Litigated	10.9	No	No	9.76	13.50	31.96	11/1981	NA	Average	5
4/17/1981	Fully Litigated	8.5	No	No	10.60	14.10	31.13	06/1980	NA	Average	5
4/21/1981	Fully Litigated	21.2	No	Yes	NA	14.00	41.90	12/1981	NA	Average	13
4/21/1981	Fully Litigated	39.0	No	No	11.87	16.80	39.02	06/1981	1,232.80	Average	6
4/24/1981	Fully Litigated	187.6	No	No	11.53	16.00	34.30	03/1981	NA	Year-end	8
4/27/1981	Fully Litigated	11.4	No	No	9.37	12.50	34.35	04/1980	NA	Average	25
4/27/1981	Fully Litigated	16.5	No	No	9.94	13.61	35.20	12/1980	NA	Average	15
4/29/1981	Fully Litigated	11.4	No	No	9.52	13.65	37.90	12/1980	NA	Average	2
4/30/1981	Fully Litigated	56.2	No	Yes	9.73	13.50	42.20	07/1981	NA	NA	12
5/4/1981	Fully Litigated	143.4	No	No	11.76	16.22	35.61	12/1980	NA	NA	9
5/5/1981	Fully Litigated	8.6	No	No	10.22	14.40	40.00	06/1979	NA	Average	19
5/7/1981	Fully Litigated	45.4	Yes	No	11.34	16.25	35.10	12/1981	NA	NA	1
5/7/1981	Fully Litigated	58.3	No	No	12.65	16.27	35.00	12/1981	NA	NA	1
5/8/1981	Fully Litigated	5.6	No	No	9.57	13.00	39.72	06/1980	NA	Average	24
5/8/1981	Fully Litigated	27.0	No	Yes	11.57	16.00	34.10	12/1979	NA	Average	10
5/12/1981	Fully Litigated	4.3	No	Yes	9.93	13.50	29.78	03/1979	NA	NA	20
5/15/1981	Fully Litigated	5.0	No	No	11.49	15.75	40.00	12/1980	NA	NA	6
5/18/1981	Fully Litigated	11.9	No	No	10.31	14.88	39.18	10/1979	NA	NA	12
5/20/1981	Fully Litigated	183.1	No	No	12.21	16.00	42.72	04/1982	1,847.40	Average	11
5/21/1981	Fully Litigated	31.2	No	No	NA	14.00	38.20	12/1981	NA	Average	10
5/26/1981	Fully Litigated	156.4	No	No	11.78	14.90	37.00	12/1980	1,661.20	Average	12
5/27/1981	Fully Litigated	104.9	No	No	10.51	15.00	32.00	08/1979	NA	NA	12
5/29/1981	Fully Litigated	14.2	No	No	10.83	15.50	30.90	12/1980	NA	Year-end	4
6/1/1981	Fully Litigated	1.4	Yes	No	12.49	16.50	32.80	12/1980	NA	NA	9
6/3/1981	Fully Litigated	15.4	No	No	10.84	14.67	35.80	05/1980	NA	Year-end	10
6/5/1981	Fully Litigated	14.4	No	No	9.08	13.00	30.79	06/1980	NA	Average	24
6/10/1981	Fully Litigated	112.7	No	No	12.19	16.75	38.20	09/1980	NA	Year-end	6
6/17/1981	Fully Litigated	17.4	No	No	10.67	14.40	35.48	12/1980	NA	Year-end	10
6/18/1981	Fully Litigated	23.7	No	No	11.76	16.33	39.68	09/1980	314.60	Year-end	4
6/25/1981	Fully Litigated	36.9	No	Yes	NA	14.75	39.40	12/1981	NA	Average	24
6/26/1981	Fully Litigated	56.3	No	No	10.99	16.00	42.85	06/1980	921.90	Year-end	9
6/30/1981	Fully Litigated	64.2	No	No	10.93	15.25	33.70	12/1980	NA	Year-end	2
7/1/1981	Fully Litigated	104.0	No	No	11.47	15.50	39.87	12/1980	NA	Year-end	10
7/1/1981	Fully Litigated	503.6	No	No	11.88	17.50	33.54	06/1981	NA	NA	10
7/10/1981	Fully Litigated	42.1	No	No	11.52	16.00	40.15	07/1982	NA	Average	10
7/14/1981	Fully Litigated	31.7	No	No	12.24	16.90	38.04	07/1982	365.90	Average	10
7/15/1981	Fully Litigated	81.7	No	No	11.60	16.00	36.75	03/1981	NA	NA	9
7/17/1981	Fully Litigated	5.7	No	No	11.99	15.00	34.00	04/1980	NA	NA	11
7/20/1981	Fully Litigated	13.3	No	No	10.75	15.00	34.10	12/1981	172.30	Average	12
7/21/1981	Fully Litigated	253.4	No	Yes	9.31	14.00	30.00	12/1981	NA	NA	14
7/28/1981	Fully Litigated	3.7	No	No	9.80	13.48	32.30	12/1980	NA	Year-end	3
7/31/1981	Fully Litigated	18.1	No	No	9.74	13.50	39.40	12/1979	NA	Average	37
7/31/1981	Fully Litigated	110.7	No	Yes	10.68	15.00	34.22	12/1985	NA	NA	15
7/31/1981	Fully Litigated	24.3	No	Yes	12.00	16.00	33.11	06/1980	NA	NA	6
8/5/1981	Fully Litigated	57.1	No	No	11.33	15.71	40.63	12/1980	NA	Year-end	5
8/10/1981	Fully Litigated	13.6	No	No	10.52	14.50	38.74	06/1981	NA	Year-end	8
8/11/1981	Fully Litigated	14.5	No	No	11.74	15.00	36.92	11/1980	NA	Year-end	5
8/20/1981	Fully Litigated	18.6	No	No	10.17	13.50	36.63	06/1980	NA	Average	20
8/20/1981	Fully Litigated	41.1	No	No	13.01	16.50	40.00	12/1980	NA	NA	3
8/24/1981	Fully Litigated	131.8	No	No	10.68	15.00	30.79	12/1980	NA	Year-end	4
8/28/1981	Fully Litigated	6.1	No	No	11.49	15.00	35.10	12/1980	NA	Year-end	5
9/3/1981	Settled	5.9	No	No	10.69	14.50	41.07	05/1981	NA	NA	8
9/10/1981	Fully Litigated	129.4	No	Yes	NA	14.50	37.18	12/1981	NA	Average	11
9/11/1981	Fully Litigated	28.8	No	No	11.71	16.00	31.40	12/1980	NA	Year-end	5
9/16/1981	Fully Litigated	43.9	No	No	10.16	16.00	31.20	12/1980	NA	Year-end	6
9/17/1981	Fully Litigated	63.7	No	No	12.66	16.50	34.00	12/1980	850.70	Year-end	4
9/23/1981	Fully Litigated	257.0	No	Yes	10.44	15.85	29.93	12/1981	NA	NA	8
9/28/1981	Fully Litigated	3.2	No	No	11.92	15.50	36.05	12/1980	NA	Year-end	5
10/9/1981	Fully Litigated	20.6	No	No	11.40	15.75	32.60	12/1980	NA	Year-end	4
10/15/1981	Settled	188.6	No	No	11.94	16.25	41.49	03/1981	NA	Year-end	3
10/16/1981	Fully Litigated	9.3	No	No	11.36	15.50	38.04	12/1980	NA	Average	9

10/16/1981	Fully Litigated	53.7	No	No	11.17	16.50	38.70	12/1980	NA	Year-end	6
10/19/1981	Fully Litigated	5.3	No	No	10.23	14.25	35.88	06/1980	NA	Average	9
10/20/1981	Fully Litigated	10.4	No	No	11.74	15.25	40.00	12/1980	NA	NA	7
10/20/1981	Fully Litigated	124.5	No	Yes	12.78	17.00	39.66	10/1982	1,378.20	Average	10
10/23/1981	Fully Litigated	8.9	No	No	11.41	16.00	40.70	06/1980	NA	NA	10
10/27/1981	Fully Litigated	12.9	No	Yes	9.37	10.00	33.01	12/1979	NA	NA	10
10/29/1981	Fully Litigated	33.9	No	No	11.19	14.75	35.14	12/1980	NA	NA	7
10/29/1981	Fully Litigated	148.2	No	No	9.28	16.50	40.35	06/1981	NA	NA	11
11/3/1981	Fully Litigated	15.2	No	No	11.12	15.17	36.76	12/1980	NA	Average	13
11/5/1981	Fully Litigated	6.9	No	Yes	11.95	16.60	30.74	12/1980	NA	Average	11
11/6/1981	Fully Litigated	9.0	No	No	10.57	15.17	37.10	05/1980	NA	Average	17
11/24/1981	Fully Litigated	265.2	No	No	11.21	15.50	30.47	05/1982	NA	NA	6
11/25/1981	Fully Litigated	20.2	No	No	11.61	15.25	38.00	12/1980	268.10	Average	8
11/25/1981	Settled	24.8	No	No	11.03	15.35	39.00	12/1980	NA	Average	10
11/25/1981	Fully Litigated	114.5	No	No	12.14	16.10	33.52	12/1980	NA	NA	4
11/25/1981	Fully Litigated	59.6	No	No	11.96	16.10	36.74	12/1980	NA	NA	4
12/1/1981	Fully Litigated	100.1	No	No	10.75	15.70	39.09	12/1981	1,590.90	Year-end	6
12/1/1981	Fully Litigated	20.3	No	No	11.08	16.00	43.11	11/1982	343.10	Average	11
12/1/1981	Fully Litigated	24.6	No	No	10.52	16.49	32.86	12/1980	NA	Year-end	7
12/1/1981	Fully Litigated	21.1	No	No	11.09	16.50	37.30	12/1980	NA	Year-end	8
12/4/1981	Fully Litigated	13.1	No	No	12.14	16.00	38.59	08/1980	NA	NA	15
12/11/1981	Fully Litigated	50.7	No	No	9.98	16.25	36.25	12/1980	NA	Year-end	7
12/14/1981	Fully Litigated	5.2	No	No	10.16	14.00	38.60	12/1980	NA	Average	6
12/15/1981	Fully Litigated	37.6	No	Yes	11.38	15.81	35.87	09/1981	NA	NA	7
12/15/1981	Fully Litigated	119.2	No	No	12.15	16.00	36.18	12/1980	NA	NA	7
12/16/1981	Fully Litigated	14.5	No	Yes	11.66	15.25	36.00	12/1980	NA	Average	9
12/17/1981	Fully Litigated	166.4	No	Yes	11.92	16.50	38.00	12/1980	NA	NA	9
12/18/1981	Fully Litigated	1.5	No	No	10.63	15.45	37.09	12/1980	NA	NA	7
12/30/1981	Fully Litigated	23.3	No	No	10.09	14.25	36.60	12/1980	823.20	Average	15
12/30/1981	Fully Litigated	632.0	Yes	Yes	12.20	16.00	41.00	12/1982	NA	NA	12
12/30/1981	Fully Litigated	144.6	Yes	No	12.92	16.25	37.25	12/1982	NA	NA	12
12/31/1981	Fully Litigated	48.9	No	No	10.97	16.15	34.43	12/1980	NA	Year-end	7
1/4/1982	Fully Litigated	29.4	No	No	10.56	15.50	38.60	04/1981	NA	Year-end	5
1/11/1982	Fully Litigated	10.2	No	No	10.71	14.50	41.40	12/1982	NA	Average	8
1/11/1982	Fully Litigated	28.9	No	Yes	14.26	17.00	39.21	12/1980	NA	NA	9
1/13/1982	Fully Litigated	63.1	No	No	13.16	14.75	41.43	12/1982	1,311.20	Average	8
1/14/1982	Fully Litigated	10.2	No	Yes	11.58	15.75	35.30	12/1980	NA	Average	6
1/15/1982	Fully Litigated	8.7	No	No	11.77	15.00	36.20	12/1981	NA	Year-end	12
1/15/1982	Fully Litigated	79.1	No	No	12.31	16.50	41.96	10/1980	710.80	Year-end	16
1/22/1982	Fully Litigated	24.9	No	No	11.76	16.25	34.80	12/1981	NA	Year-end	9
1/27/1982	Fully Litigated	85.4	No	No	11.80	16.84	34.50	09/1981	NA	NA	9
1/28/1982	Fully Litigated	57.0	No	Yes	10.57	13.00	37.98	12/1980	NA	NA	13
1/29/1982	Fully Litigated	12.6	No	No	9.52	15.50	35.18	12/1980	NA	NA	6
2/1/1982	Fully Litigated	5.5	No	No	9.70	15.85	26.73	12/1981	NA	NA	8
2/3/1982	Fully Litigated	28.1	No	No	12.11	16.44	36.35	09/1981	NA	NA	9
2/8/1982	Fully Litigated	84.8	No	No	10.96	15.50	38.61	09/1981	2,487.40	Average	7
2/11/1982	Fully Litigated	337.8	No	No	10.67	16.00	38.60	10/1981	NA	NA	12
2/11/1982	Fully Litigated	11.8	No	No	12.04	16.20	45.50	09/1981	NA	Year-end	2
2/17/1982	Settled	10.5	No	No	10.98	15.00	29.97	12/1980	NA	NA	7
2/19/1982	Fully Litigated	26.4	No	No	10.66	15.17	39.28	12/1980	NA	Average	18
2/26/1982	Fully Litigated	4.3	No	No	13.20	15.25	38.73	12/1980	NA	NA	6
3/1/1982	Fully Litigated	26.2	No	No	11.46	15.03	30.64	12/1980	NA	NA	10
3/1/1982	Fully Litigated	7.9	No	Yes	11.96	16.00	41.85	12/1980	NA	Average	9
3/3/1982	Fully Litigated	26.2	No	No	10.79	15.00	36.75	12/1980	NA	Average	12
3/8/1982	Fully Litigated	142.5	No	No	12.47	17.10	41.48	03/1983	NA	Average	10
3/12/1982	Fully Litigated	81.8	No	No	12.76	16.25	38.50	12/1980	899.90	Average	10
3/17/1982	Fully Litigated	107.0	No	No	12.25	17.30	37.69	12/1982	NA	NA	10
3/22/1982	Fully Litigated	24.0	No	No	10.58	15.10	36.92	12/1980	NA	Average	11
3/27/1982	Fully Litigated	31.9	No	Yes	12.34	15.40	NA	11/1981	673.80	Average	9
3/30/1982	Fully Litigated	9.4	No	No	11.45	15.50	32.92	12/1980	NA	NA	9
3/31/1982	Fully Litigated	39.0	No	No	10.87	17.00	34.56	06/1981	NA	Year-end	9
4/1/1982	Fully Litigated	56.4	No	Yes	11.09	14.70	33.04	12/1980	NA	NA	13
4/1/1982	Fully Litigated	6.2	No	No	12.83	16.50	36.83	06/1981	NA	Year-end	5
4/2/1982	Settled	3.3	No	No	12.80	15.50	43.50	06/1982	NA	Year-end	5
4/5/1982	Fully Litigated	5.4	No	No	9.85	15.50	NA	07/1981	NA	Year-end	5
4/8/1982	Fully Litigated	12.0	No	No	13.71	16.40	29.44	12/1981	NA	NA	9
4/13/1982	Fully Litigated	4.6	No	No	11.12	14.50	47.90	06/1981	NA	Average	6
4/23/1982	Fully Litigated	21.0	No	No	12.38	15.75	38.00	10/1981	292.90	Average	9
4/27/1982	Fully Litigated	30.3	No	No	11.58	15.00	39.09	12/1982	547.70	Average	9
4/28/1982	Fully Litigated	31.7	No	No	11.15	15.75	37.30	12/1981	926.80	Average	7
4/30/1982	Fully Litigated	25.6	No	Yes	10.54	14.70	36.43	06/1982	NA	NA	12
4/30/1982	Fully Litigated	31.3	No	No	11.37	15.50	33.82	12/1980	NA	NA	6
5/3/1982	Fully Litigated	4.2	No	No	12.18	16.60	32.73	06/1981	NA	NA	5
5/4/1982	Fully Litigated	7.1	Yes	No	12.08	16.00	36.00	12/1982	NA	NA	11
5/14/1982	Fully Litigated	3.6	No	No	10.70	15.50	38.56	09/1981	NA	Year-end	4
5/18/1982	Fully Litigated	8.1	No	No	11.17	15.42	36.70	12/1980	NA	Average	15
5/19/1982	Fully Litigated	11.0	No	No	10.86	14.69	34.70	12/1980	364.90	Year-end	9
5/20/1982	Fully Litigated	10.2	No	No	12.68	15.00	41.55	12/1982	NA	Average	8
5/20/1982	Fully Litigated	7.2	No	No	9.86	15.10	30.93	12/1980	NA	Average	13
5/20/1982	Fully Litigated	3.2	No	No	13.55	15.50	28.86	12/1980	NA	NA	9
5/20/1982	Fully Litigated	34.3	No	Yes	12.31	16.30	40.44	08/1982	1,309.90	Average	8
5/21/1982	Fully Litigated	221.7	No	No	13.25	17.75	36.50	03/1982	NA	Year-end	9
5/27/1982	Fully Litigated	2.9	No	Yes	11.12	15.00	30.80	12/1980	65.30	Average	9
5/28/1982	Fully Litigated	18.3	No	No	11.91	15.50	53.24	06/1981	128.80	Year-end	6
5/28/1982	Fully Litigated	4.3	No	No	12.56	17.00	33.45	06/1981	325.50	Year-end	6
6/1/1982	Fully Litigated	24.5	No	Yes	11.04	13.75	37.24	09/1981	596.60	Year-end	13
6/1/1982	Fully Litigated	12.7	No	Yes	12.50	16.60	36.19	09/1981	NA	Year-end	5
6/9/1982	Fully Litigated	30.8	No	No	13.09	17.86	35.29	12/1981	894.40	Date Certain	9
6/14/1982	Fully Litigated	20.4	No	No	10.99	15.75	38.00	12/1981	410.20	Average	7
6/15/1982	Fully Litigated	15.6	No	Yes	11.06	14.85	34.42	06/1982	157.60	Average	12
6/18/1982	Fully Litigated	16.6	No	No	12.26	15.50	39.90	09/1981	394.30	Year-end	5
6/21/1982	Fully Litigated	6.4	No	No	10.47	14.90	33.14	09/1981	259.90	Year-end	10
6/23/1982	Fully Litigated	72.0	No	No	11.98	16.00	41.94	09/1981	NA	Year-end	4
6/23/1982	Settled	33.7	No	No	11.56	16.17	37.31	08/1981	NA	Year-end	3
6/24/1982	Fully Litigated	4.9	No	Yes	10.13	14.85	31.92	09/1980	NA	NA	11
6/25/1982	Fully Litigated	80.0	No	Yes	10.68	14.70	41.30	09/1982	1,501.00	Average	11
7/1/1982	Fully Litigated	32.6	No	No	11.06	16.00	41.29	12/1982	534.90	Year-end	14
7/2/1982	Fully Litigated	65.2	No	No	11.71	15.62	35.46	10/1981	NA	Year-end	10
7/2/1982	Fully Litigated	9.5	No	No	14.26	17.00	NA	09/1981	426.30	Average	1
7/13/1982	Settled	3.2	No	No	9.48	14.00	34.69	12/1982	NA	NA	6
7/13/1982	Fully Litigated	47.7	No	No	12.41	16.80	41.70	07/1983	673.90	Average	10
7/14/1982	Fully Litigated	14.5	No	No	11.91	15.76	37.63	12/1981	532.60	Year-end	10
7/14/1982	Fully Litigated	121.2	No	No	11.97	16.02	34.33	03/1982	2,108.70	Date Certain	9
7/19/1982	Settled	10.0	No	No	11.68	16.50	37.31	08/1981	NA	Year-end	4
7/22/1982	Fully Litigated	13.9	No	No	12.21	14.50	41.20	12/1982	189.80	Average	10

7/22/1982	Fully Litigated	122.2	Yes	Yes	11.32	17.00	36.42	06/1982	1,433.30	Year-end	11
7/27/1982	Fully Litigated	11.2	No	No	10.15	16.75	35.50	09/1981	271.70	Year-end	7
7/29/1982	Fully Litigated	88.2	No	No	12.54	16.50	39.72	12/1981	1,225.40	Year-end	4
8/11/1982	Fully Litigated	63.3	No	No	10.66	17.50	32.74	09/1981	1,352.10	Year-end	8
8/18/1982	Fully Litigated	73.7	No	Yes	12.54	17.07	35.24	12/1982	NA	NA	7
8/20/1982	Fully Litigated	39.3	No	Yes	11.67	15.73	35.33	12/1981	981.90	Average	7
8/25/1982	Fully Litigated	8.6	No	No	11.86	16.00	37.08	06/1983	NA	Average	10
8/26/1982	Fully Litigated	11.8	Yes	No	11.35	15.50	35.55	06/1981	216.10	Year-end	7
8/30/1982	Fully Litigated	80.5	No	Yes	10.88	15.00	29.75	12/1981	4,519.10	Year-end	5
9/3/1982	Settled	10.8	No	No	12.23	16.20	35.20	12/1982	411.80	Year-end	5
9/8/1982	Fully Litigated	7.3	No	No	13.38	15.00	41.00	03/1982	NA	Year-end	1
9/15/1982	Fully Litigated	30.2	No	No	11.60	13.08	38.00	12/1981	461.00	Average	9
9/15/1982	Fully Litigated	97.3	No	No	13.44	16.25	38.00	12/1981	1,331.00	Average	10
9/16/1982	Fully Litigated	11.9	No	Yes	12.53	16.00	44.50	12/1981	130.80	Average	8
9/17/1982	Fully Litigated	0.5	No	No	12.07	15.25	40.00	12/1981	158.00	Year-end	6
9/23/1982	Settled	51.6	No	Yes	13.37	17.17	36.91	12/1982	1,464.40	Average	7
9/24/1982	Fully Litigated	8.8	No	No	11.57	14.50	38.00	09/1981	1,827.50	Year-end	7
9/27/1982	Fully Litigated	13.0	No	No	11.81	15.25	40.00	12/1981	NA	NA	7
10/1/1982	Fully Litigated	0.0	No	Yes	10.96	15.50	34.35	05/1983	NA	Average	5
10/15/1982	Fully Litigated	18.4	No	No	12.49	15.90	40.46	10/1983	422.10	Average	10
10/22/1982	Fully Litigated	62.0	No	No	9.60	15.75	32.62	12/1982	1,058.30	Average	6
10/22/1982	Settled	57.5	No	No	13.40	17.15	33.06	12/1981	998.70	Year-end	4
10/29/1982	Fully Litigated	5.6	No	No	10.56	15.54	39.95	09/1982	98.10	Year-end	9
11/1/1982	Fully Litigated	61.7	No	No	11.98	15.50	40.00	12/1981	2,512.50	Year-end	7
11/3/1982	Fully Litigated	85.7	No	No	13.02	17.20	36.14	09/1982	1,946.60	Date Certain	10
11/4/1982	Settled	13.2	No	No	12.58	16.25	37.66	03/1982	405.90	Year-end	3
11/5/1982	Fully Litigated	41.6	No	No	12.16	16.20	33.30	06/1982	1,029.00	Date Certain	10
11/9/1982	Fully Litigated	3.6	No	No	13.80	16.00	NA	12/1981	80.80	Year-end	5
11/23/1982	Fully Litigated	77.6	No	No	10.77	15.50	40.68	09/1981	NA	Year-end	10
11/23/1982	Fully Litigated	100.8	No	Yes	10.83	15.85	29.95	12/1982	4,476.00	Average	7
11/30/1982	Fully Litigated	2.2	Yes	No	13.24	16.50	30.62	12/1981	NA	NA	10
12/1/1982	Fully Litigated	660.7	No	Yes	12.79	17.04	36.33	12/1983	6,418.70	Average	10
12/6/1982	Fully Litigated	73.7	No	No	11.70	15.00	NA	09/1982	NA	NA	9
12/6/1982	Fully Litigated	182.6	No	Yes	12.40	16.35	42.51	03/1982	3,951.50	Year-end	5
12/10/1982	Fully Litigated	5.9	No	No	11.33	15.50	38.35	06/1982	NA	Average	7
12/13/1982	Fully Litigated	566.8	Yes	No	12.55	16.00	42.00	12/1983	4,768.20	Average	12
12/14/1982	Fully Litigated	1.2	No	No	9.74	15.30	36.35	12/1981	417.70	Year-end	6
12/14/1982	Fully Litigated	78.6	No	No	12.34	16.40	37.37	12/1981	1,794.90	Average	4
12/20/1982	Fully Litigated	6.5	No	No	11.87	16.00	32.60	05/1982	80.10	Average	8
12/21/1982	Fully Litigated	30.2	No	No	12.60	14.75	44.17	12/1983	1,355.90	Average	11
12/21/1982	Fully Litigated	3.4	No	No	9.69	15.85	26.58	12/1983	636.90	Average	6
12/22/1982	Settled	10.2	No	No	12.81	16.25	42.20	06/1982	NA	Year-end	3
12/22/1982	Fully Litigated	33.9	No	No	12.67	16.58	39.07	06/1982	997.70	Date Certain	10
12/22/1982	Fully Litigated	23.8	No	No	11.33	16.75	30.30	09/1981	1,053.90	Year-end	9
12/29/1982	Fully Litigated	34.0	No	No	10.71	14.90	37.30	12/1981	876.90	Average	9
12/29/1982	Fully Litigated	13.4	No	No	12.58	16.25	38.00	12/1981	305.30	Average	9
12/30/1982	Fully Litigated	2.1	No	No	13.52	16.00	38.00	12/1981	NA	Average	6
12/30/1982	Fully Litigated	20.6	No	No	12.80	16.35	31.10	07/1983	NA	NA	6
12/30/1982	Fully Litigated	35.5	No	No	14.17	16.77	40.76	03/1982	437.80	Year-end	5
1/5/1983	Fully Litigated	89.4	No	No	12.60	17.33	39.16	08/1982	2,198.40	Date Certain	9
1/11/1983	Fully Litigated	33.5	No	No	13.05	15.90	NA	12/1983	1,417.30	Average	10
1/12/1983	Settled	4.4	No	No	9.83	14.63	29.00	12/1983	NA	NA	6
1/12/1983	Fully Litigated	69.9	No	No	11.98	15.50	42.82	12/1983	NA	NA	10
1/20/1983	Fully Litigated	81.2	No	No	11.75	17.75	35.77	12/1981	1,572.10	Year-end	10
1/21/1983	Fully Litigated	47.5	No	No	11.75	15.00	34.70	08/1983	531.20	Average	5
1/24/1983	Fully Litigated	2.7	No	Yes	10.97	14.50	30.90	12/1981	68.20	Average	9
1/24/1983	Fully Litigated	16.8	No	No	12.79	15.50	44.59	12/1983	1,818.30	Average	11
1/25/1983	Fully Litigated	111.3	No	Yes	10.10	15.85	26.87	12/1982	1,971.50	Average	6
1/27/1983	Fully Litigated	105.9	No	Yes	11.64	16.14	35.10	12/1982	1,779.30	Year-end	9
2/1/1983	Fully Litigated	17.5	No	No	13.01	18.50	36.00	12/1981	303.20	Average	10
2/4/1983	Fully Litigated	24.0	No	No	11.46	14.00	36.00	09/1983	1,048.00	Average	10
2/10/1983	Fully Litigated	7.7	No	No	10.88	15.00	39.93	12/1981	NA	Average	10
2/21/1983	Fully Litigated	20.4	No	Yes	11.54	15.50	37.00	12/1981	NA	Year-end	14
2/22/1983	Fully Litigated	24.1	No	No	11.10	15.50	39.21	09/1982	1,015.30	Average	6
2/23/1983	Fully Litigated	28.4	No	Yes	11.11	15.10	39.80	12/1983	659.80	NA	7
2/23/1983	Fully Litigated	9.4	No	Yes	11.67	16.00	33.38	12/1981	NA	Year-end	9
3/2/1983	Fully Litigated	39.7	No	No	10.15	15.25	39.46	06/1982	1,000.10	Year-end	5
3/9/1983	Fully Litigated	267.0	No	No	10.92	15.20	49.50	03/1984	5,737.20	Average	10
3/15/1983	Fully Litigated	40.7	No	Yes	10.88	13.00	40.80	06/1982	1,545.70	Year-end	13
3/18/1983	Fully Litigated	13.0	No	No	11.20	15.25	38.10	06/1982	779.40	Year-end	5
3/23/1983	Fully Litigated	56.4	No	No	11.97	15.40	41.97	03/1984	2,643.30	Average	10
3/24/1983	Fully Litigated	12.3	No	No	11.49	15.00	42.25	12/1983	532.70	Average	8
3/29/1983	Fully Litigated	16.1	No	No	10.66	15.50	32.75	06/1982	289.90	Year-end	7
3/30/1983	Settled	30.7	No	No	12.29	16.71	36.20	03/1983	NA	Date Certain	9
3/31/1983	Fully Litigated	203.4	No	Yes	9.38	15.00	28.37	12/1982	6,276.80	Average	18
4/4/1983	Fully Litigated	5.3	No	No	11.81	15.20	37.20	12/1981	151.80	Average	9
4/8/1983	Fully Litigated	15.2	No	No	11.52	15.50	35.99	03/1982	594.30	Year-end	7
4/11/1983	Fully Litigated	16.8	No	No	11.60	14.81	35.30	12/1981	366.10	Year-end	9
4/19/1983	Fully Litigated	8.4	No	No	10.94	14.50	35.29	12/1983	174.20	Average	11
4/20/1983	Fully Litigated	5.0	Yes	No	12.57	16.00	38.50	12/1983	NA	NA	11
4/29/1983	Fully Litigated	12.0	No	No	12.07	16.00	32.98	06/1982	321.70	Year-end	6
5/1/1983	Fully Litigated	3.9	No	No	10.42	14.50	40.00	06/1982	NA	Average	5
5/9/1983	Fully Litigated	8.0	No	No	12.12	15.50	38.34	10/1982	NA	Year-end	3
5/11/1983	Fully Litigated	23.3	No	No	12.63	16.46	38.39	03/1983	1,163.30	Date Certain	4
5/12/1983	Fully Litigated	31.9	No	Yes	11.63	14.14	39.93	12/1981	468.60	Average	9
5/18/1983	Fully Litigated	122.9	No	Yes	10.90	15.00	27.94	12/1982	5,137.30	Average	22
5/23/1983	Settled	3.1	No	No	11.13	14.90	45.09	12/1982	NA	NA	10
5/23/1983	Fully Litigated	54.4	No	Yes	12.19	15.50	41.52	08/1983	1,475.70	Average	8
5/25/1983	Fully Litigated	8.8	No	No	11.90	15.50	37.46	12/1983	193.40	Year-end	10
5/27/1983	Fully Litigated	5.1	No	No	11.69	15.00	33.37	12/1982	NA	Year-end	17
5/31/1983	Fully Litigated	2.7	No	No	10.54	14.00	47.12	05/1984	353.80	Average	10
5/31/1983	Fully Litigated	31.1	No	No	11.30	15.50	32.86	06/1982	1,107.00	Year-end	6
6/2/1983	Fully Litigated	4.5	No	No	11.68	14.50	42.75	12/1983	190.10	Average	11
6/17/1983	Fully Litigated	1.7	No	No	10.75	15.03	37.66	12/1982	NA	Year-end	10
7/1/1983	Fully Litigated	49.9	No	No	10.96	14.80	40.30	02/1983	2,689.80	Average	6
7/1/1983	Fully Litigated	11.8	No	No	11.24	14.90	33.43	09/1982	290.20	Year-end	10
7/8/1983	Fully Litigated	31.1	No	Yes	12.19	16.25	36.45	09/1982	523.10	Year-end	10
7/13/1983	Fully Litigated	34.1	No	Yes	11.23	13.20	39.17	03/1982	1,509.70	Year-end	12
7/19/1983	Fully Litigated	5.2	No	No	12.05	15.00	43.70	12/1983	162.30	Average	11
7/19/1983	Fully Litigated	7.8	No	No	11.91	15.10	41.92	07/1984	678.60	Average	10
7/25/1983	Fully Litigated	87.6	No	No	12.63	16.25	47.00	06/1982	1,097.10	Average	10
7/28/1983	Fully Litigated	5.4	No	No	12.18	15.90	34.84	09/1982	146.70	Year-end	6
8/3/1983	Fully Litigated	23.0	No	No	12.72	16.34	33.51	12/1982	978.60	Date Certain	9
8/3/1983	Fully Litigated	161.7	No	No	10.39	16.50	30.07	09/1982	NA	Year-end	8
8/19/1983	Settled	39.8	No	No	11.72	15.00	31.77	12/1982	1,853.90	Year-end	9

8/22/1983	Fully Litigated	203.3	No	No	12.26	15.50	34.80	07/1983	NA	Year-end	9
8/22/1983	Fully Litigated	34.7	No	No	13.16	16.40	40.00	08/1982	NA	NA	5
8/31/1983	Fully Litigated	5.7	No	No	12.94	14.75	45.50	06/1984	574.60	Average	7
9/7/1983	Settled	8.7	No	No	12.60	15.00	38.12	12/1982	NA	Year-end	1
9/14/1983	Settled	102.0	No	No	12.37	15.78	37.00	07/1983	2,111.10	Date Certain	9
9/16/1983	Fully Litigated	22.3	No	No	11.40	15.00	37.98	12/1983	459.60	Year-end	14
9/19/1983	Fully Litigated	90.9	No	No	11.38	14.50	38.00	09/1982	2,222.10	Year-end	7
9/20/1983	Fully Litigated	4.2	No	No	12.49	16.50	36.23	12/1982	438.80	Year-end	6
9/28/1983	Fully Litigated	34.9	No	Yes	11.39	14.50	39.33	12/1982	465.50	Year-end	12
9/29/1983	Fully Litigated	195.4	No	No	12.23	15.50	34.50	03/1984	NA	NA	6
9/30/1983	Fully Litigated	76.2	No	No	11.84	15.25	40.00	09/1982	2,548.60	Year-end	7
9/30/1983	Fully Litigated	6.9	No	No	12.83	16.15	42.50	06/1982	NA	NA	13
10/4/1983	Fully Litigated	0.7	No	No	11.85	14.80	40.00	05/1982	48.30	Year-end	9
10/7/1983	Fully Litigated	29.9	No	No	11.67	16.00	32.55	12/1982	980.10	Year-end	5
10/13/1983	Fully Litigated	21.1	Yes	No	11.72	15.52	36.16	06/1984	243.70	Average	10
10/17/1983	Fully Litigated	23.5	No	Yes	9.70	15.50	36.31	12/1983	1,065.50	Average	6
10/18/1983	Fully Litigated	10.2	No	No	11.65	14.50	38.20	12/1982	425.90	Average	11
10/19/1983	Fully Litigated	44.8	No	No	10.91	16.25	33.94	09/1983	NA	Year-end	9
10/19/1983	Fully Litigated	25.1	No	No	10.97	16.50	37.55	09/1983	NA	Year-end	9
10/26/1983	Fully Litigated	30.2	No	Yes	11.80	15.00	35.30	12/1983	NA	NA	10
10/27/1983	Fully Litigated	1.6	No	No	13.59	15.20	NA	08/1982	NA	NA	9
11/1/1983	Settled	84.1	No	Yes	10.62	16.00	36.75	09/1983	NA	NA	9
11/9/1983	Fully Litigated	35.7	Yes	Yes	12.58	14.90	40.00	06/1984	NA	NA	10
11/10/1983	Settled	18.0	No	No	10.83	14.35	35.71	12/1982	NA	Average	2
11/23/1983	Settled	28.5	No	No	11.22	16.00	30.70	03/1983	1,021.50	Year-end	2
11/23/1983	Fully Litigated	143.5	No	No	12.68	16.15	38.00	10/1983	2,810.30	Year-end	9
11/30/1983	Fully Litigated	20.6	No	No	10.49	15.00	32.70	12/1982	4,217.20	Year-end	3
12/5/1983	Fully Litigated	18.3	No	No	11.18	15.25	35.44	06/1982	NA	NA	10
12/6/1983	Fully Litigated	11.1	No	No	12.30	15.07	37.50	04/1983	759.20	Average	9
12/8/1983	Fully Litigated	98.0	No	No	12.22	15.90	36.96	12/1982	NA	NA	4
12/9/1983	Fully Litigated	34.7	No	No	10.95	14.75	41.94	12/1982	1,358.20	Year-end	10
12/12/1983	Fully Litigated	(1.1)	No	No	12.60	14.50	38.00	12/1982	1,478.80	Average	12
12/15/1983	Fully Litigated	73.9	No	No	12.45	15.56	44.29	03/1983	1,730.80	Year-end	6
12/19/1983	Fully Litigated	3.0	No	No	11.07	14.80	41.76	12/1982	311.50	Average	6
12/20/1983	Settled	30.8	No	No	11.67	14.69	34.39	12/1983	NA	Date Certain	8
12/20/1983	Fully Litigated	10.0	Yes	No	12.82	16.00	43.00	12/1984	NA	NA	12
12/20/1983	Fully Litigated	12.0	No	No	12.83	16.25	42.74	03/1983	242.30	Year-end	6
12/22/1983	Fully Litigated	(21.5)	No	No	13.06	14.75	48.21	12/1984	NA	Average	10
12/22/1983	Fully Litigated	228.7	Yes	No	12.45	15.75	42.25	12/1984	5,335.40	Average	12
1/3/1984	Fully Litigated	20.1	No	No	11.83	14.75	38.55	03/1983	607.80	Year-end	6
1/10/1984	Fully Litigated	11.7	No	No	12.57	15.90	40.96	12/1984	425.80	Average	10
1/12/1984	Fully Litigated	47.4	No	No	12.07	15.60	42.49	03/1983	1,128.00	Year-end	6
1/18/1984	Fully Litigated	4.9	No	No	11.72	13.75	37.80	04/1983	157.30	Year-end	10
1/19/1984	Fully Litigated	32.2	No	No	12.52	15.90	40.00	12/1982	450.00	Average	9
1/30/1984	Settled	24.7	No	Yes	14.16	16.10	41.00	03/1983	430.00	Average	3
1/31/1984	Fully Litigated	0.1	No	No	13.53	15.25	38.95	12/1982	85.10	Year-end	6
2/1/1984	Fully Litigated	2.0	No	No	11.30	14.80	NA	12/1982	NA	Average	9
2/6/1984	Fully Litigated	0.3	No	Yes	10.75	13.75	28.10	12/1982	NA	Average	9
2/6/1984	Fully Litigated	14.9	No	No	12.14	14.75	40.00	12/1982	227.90	NA	10
2/9/1984	Fully Litigated	9.4	No	No	11.56	15.25	35.00	12/1982	300.30	Average	9
2/15/1984	Settled	12.0	No	Yes	12.60	15.70	39.70	03/1983	473.50	Year-end	6
2/20/1984	Fully Litigated	69.0	No	No	12.45	15.00	37.00	06/1983	2,024.80	Average	13
2/20/1984	Fully Litigated	24.0	No	No	12.45	15.00	37.00	12/1983	NA	Average	12
2/22/1984	Fully Litigated	122.7	No	No	11.61	14.75	41.66	04/1983	1,244.20	Year-end	5
2/28/1984	Fully Litigated	3.2	No	No	11.15	14.50	45.50	12/1984	187.40	Average	9
3/2/1984	Fully Litigated	132.6	No	No	11.74	14.25	40.88	05/1983	1,437.10	Year-end	5
3/20/1984	Fully Litigated	86.4	No	No	12.42	16.00	43.13	03/1985	2,802.20	Average	10
3/23/1984	Fully Litigated	246.8	No	No	10.91	15.50	40.49	06/1983	5,648.00	Year-end	8
3/26/1984	Fully Litigated	40.0	No	Yes	10.96	14.71	37.67	12/1982	NA	Average	10
4/2/1984	Settled	23.0	Yes	No	NA	15.50	NA	12/1982	NA	Year-end	8
4/6/1984	Fully Litigated	45.2	No	Yes	11.17	14.74	39.60	12/1982	687.00	Average	10
4/11/1984	Fully Litigated	15.4	No	No	12.02	15.72	34.30	03/1984	401.80	Year-end	9
4/17/1984	Fully Litigated	0.0	No	No	12.22	15.00	40.00	09/1983	375.10	Average	11
4/18/1984	Fully Litigated	84.6	No	No	13.07	16.20	41.42	04/1985	1,642.00	Average	10
4/25/1984	Fully Litigated	30.3	No	Yes	11.14	14.64	36.60	12/1982	453.50	Average	11
4/30/1984	Fully Litigated	(1.5)	No	Yes	11.11	14.40	36.37	12/1982	154.60	Average	9
5/16/1984	Fully Litigated	7.6	No	Yes	9.90	14.69	33.28	12/1982	297.90	Average	10
5/16/1984	Fully Litigated	32.6	No	No	10.66	15.00	40.13	08/1983	1,080.70	Year-end	5
5/22/1984	Fully Litigated	42.2	No	Yes	10.21	14.40	38.59	03/1983	1,654.40	Year-end	6
5/29/1984	Fully Litigated	(4.4)	No	No	11.11	15.10	39.80	12/1984	NA	NA	0
6/13/1984	Fully Litigated	131.0	No	No	11.93	15.25	42.08	06/1983	2,950.50	Year-end	6
6/15/1984	Fully Litigated	196.5	Yes	No	10.40	15.60	32.07	12/1985	6,184.40	Average	6
6/22/1984	Settled	16.7	No	No	11.12	16.25	37.33	09/1984	996.80	Year-end	4
6/29/1984	Fully Litigated	34.1	No	No	11.37	15.25	35.14	06/1983	1,182.60	Year-end	6
7/2/1984	Fully Litigated	5.5	No	Yes	10.45	13.35	36.74	12/1982	NA	Average	9
7/10/1984	Fully Litigated	16.3	No	No	12.52	16.00	42.74	07/1985	729.10	Average	10
7/12/1984	Fully Litigated	282.5	No	No	12.82	16.50	39.82	12/1984	6,633.80	Average	9
7/13/1984	Fully Litigated	193.7	Yes	No	13.27	16.25	35.52	06/1983	1,039.00	Year-end	6
7/17/1984	Fully Litigated	8.3	No	No	10.76	14.14	43.55	09/1983	NA	NA	10
7/18/1984	Fully Litigated	6.8	No	No	12.44	15.30	37.41	09/1983	157.30	Year-end	6
7/18/1984	Fully Litigated	6.7	Yes	No	12.02	15.50	36.00	12/1984	NA	NA	14
7/19/1984	Settled	3.1	No	No	10.80	14.30	47.57	06/1983	NA	NA	10
7/24/1984	Fully Litigated	49.4	No	No	13.21	16.79	38.80	06/1984	2,203.50	Date Certain	9
7/31/1984	Fully Litigated	14.3	No	No	12.67	16.00	36.04	06/1983	314.40	Year-end	6
8/3/1984	Fully Litigated	4.1	No	Yes	11.65	14.25	37.32	12/1982	476.80	Average	10
8/17/1984	Fully Litigated	0.0	No	No	11.35	14.30	45.10	12/1983	883.80	Year-end	10
8/20/1984	Fully Litigated	4.9	No	Yes	12.08	15.00	38.37	12/1984	NA	Average	16
8/27/1984	Fully Litigated	245.0	No	Yes	13.75	16.30	43.31	09/1985	1,709.50	Average	15
8/31/1984	Fully Litigated	93.4	Yes	No	9.75	15.55	28.10	12/1984	NA	NA	7
9/6/1984	Fully Litigated	8.7	No	No	11.86	16.00	36.67	08/1983	NA	Year-end	8
9/10/1984	Fully Litigated	13.6	No	Yes	11.85	14.75	40.00	05/1984	267.70	Average	5
9/13/1984	Fully Litigated	57.1	No	Yes	12.10	15.00	43.02	12/1984	1,725.40	Average	8
9/17/1984	Fully Litigated	16.8	No	No	13.54	17.38	35.80	12/1983	923.60	Date Certain	9
9/26/1984	Settled	15.0	Yes	No	11.04	14.50	31.70	12/1985	NA	NA	9
9/28/1984	Settled	37.2	No	No	11.90	15.00	36.00	12/1983	1,025.00	Average	9
9/28/1984	Fully Litigated	47.5	No	No	12.74	16.25	40.55	06/1983	1,246.70	Average	1
10/9/1984	Fully Litigated	(14.4)	No	No	11.33	14.75	45.27	06/1985	490.70	Average	9
10/12/1984	Fully Litigated	(7.0)	No	No	12.39	15.60	44.02	09/1983	5,187.40	Year-end	7
10/22/1984	Fully Litigated	1.8	No	No	11.91	15.00	39.72	06/1983	397.70	Year-end	11
10/26/1984	Fully Litigated	(0.3)	No	No	12.72	16.40	36.47	12/1983	507.50	Year-end	6
10/31/1984	Fully Litigated	16.5	No	No	12.15	16.25	38.15	12/1983	512.70	Year-end	6
11/7/1984	Fully Litigated	4.7	No	No	9.75	15.60	27.76	12/1984	625.60	Average	6
11/9/1984	Settled	12.5	No	No	13.08	16.00	44.10	03/1984	270.30	Year-end	4
11/14/1984	Settled	20.4	No	Yes	12.23	15.75	36.00	06/1985	1,220.50	Average	9
11/20/1984	Fully Litigated	64.3	No	Yes	11.87	15.25	40.00	09/1983	2,346.80	Year-end	9

11/20/1984	Fully Litigated	37.9	No	No	12.10	15.92	37.80	09/1984	1,365.80	Date Certain	8
11/23/1984	Fully Litigated	3.0	No	Yes	11.73	15.00	38.95	12/1984	69.60	Average	16
11/28/1984	Fully Litigated	111.9	Yes	Yes	12.88	16.15	40.80	06/1983	NA	NA	17
12/3/1984	Settled	71.5	Yes	No	10.95	15.80	31.20	03/1984	NA	Year-end	8
12/4/1984	Fully Litigated	29.6	No	No	12.03	16.50	38.14	03/1984	396.80	Year-end	5
12/18/1984	Fully Litigated	38.7	No	No	13.63	16.40	40.00	12/1983	556.00	Year-end	5
12/19/1984	Fully Litigated	4.8	No	No	11.06	14.75	41.37	12/1983	296.50	Average	6
12/19/1984	Fully Litigated	22.9	No	Yes	10.41	15.00	34.04	12/1983	4,217.20	Year-end	8
12/20/1984	Settled	5.9	No	No	13.08	16.00	45.44	12/1983	NA	Average	8
12/28/1984	Fully Litigated	(115.8)	Yes	No	12.70	16.00	45.00	12/1985	5,133.60	Average	12
1/3/1985	Fully Litigated	(26.5)	No	No	12.43	14.75	50.54	12/1985	1,376.00	Average	11
1/10/1985	Fully Litigated	2.3	No	No	12.38	15.75	39.65	12/1983	442.50	Average	8
1/11/1985	Fully Litigated	149.8	No	No	12.56	16.30	42.44	03/1984	4,158.20	Year-end	7
1/23/1985	Fully Litigated	0.0	No	No	10.75	15.80	40.29	09/1984	NA	NA	12
1/24/1985	Fully Litigated	31.4	No	No	12.10	15.82	38.20	12/1984	1,783.60	Year-end	9
1/25/1985	Fully Litigated	48.6	No	No	13.27	16.75	37.30	12/1984	3,102.60	Year-end	9
1/30/1985	Fully Litigated	7.5	No	No	12.10	14.90	40.00	12/1983	257.10	Year-end	9
1/31/1985	Fully Litigated	(11.6)	No	No	11.08	14.75	50.00	12/1985	512.10	Average	9
2/8/1985	Fully Litigated	(5.3)	No	Yes	11.29	14.47	45.50	12/1983	201.70	Average	13
3/1/1985	Fully Litigated	8.0	No	No	11.63	13.84	43.10	12/1983	136.80	Year-end	10
3/8/1985	Fully Litigated	19.5	No	No	12.99	16.85	40.43	12/1984	1,972.20	Date Certain	11
3/14/1985	Fully Litigated	49.3	No	No	12.42	15.50	43.35	03/1986	3,090.50	Average	10
3/15/1985	Settled	6.0	No	No	12.23	15.62	34.70	06/1985	405.50	Year-end	5
3/29/1985	Fully Litigated	455.0	Yes	No	12.17	15.62	37.37	12/1984	NA	Year-end	13
4/3/1985	Fully Litigated	(10.4)	No	No	9.59	14.60	27.30	03/1984	2,419.00	Year-end	13
4/9/1985	Fully Litigated	78.5	No	No	13.12	15.50	40.97	04/1986	1,965.00	Average	10
4/16/1985	Fully Litigated	16.1	No	No	12.84	15.70	42.09	04/1986	520.60	Average	10
4/22/1985	Fully Litigated	1.5	No	No	11.24	14.00	34.20	03/1984	NA	Average	9
4/26/1985	Fully Litigated	120.8	No	No	12.50	15.50	34.90	03/1985	4,599.00	Year-end	9
4/29/1985	Fully Litigated	31.6	Yes	No	11.37	15.00	45.04	12/1983	799.50	Year-end	23
5/2/1985	Fully Litigated	4.4	No	No	11.87	14.68	36.00	12/1983	434.10	Year-end	10
5/8/1985	Fully Litigated	56.0	Yes	No	11.84	15.62	37.01	12/1984	413.30	Year-end	14
5/10/1985	Settled	4.5	No	Yes	13.54	16.50	33.28	06/1984	NA	NA	8
5/29/1985	Settled	14.4	No	No	11.91	14.61	40.46	08/1984	191.90	Year-end	10
5/31/1985	Settled	36.3	No	Yes	13.00	16.00	35.90	05/1984	759.70	Average	9
6/14/1985	Settled	48.7	No	Yes	11.85	15.50	31.89	02/1986	616.00	Average	7
7/9/1985	Fully Litigated	5.8	No	No	12.09	15.00	44.23	07/1986	834.90	Average	10
7/16/1985	Fully Litigated	282.2	Yes	Yes	10.30	14.50	28.60	12/1985	7,666.90	Average	24
7/26/1985	Fully Litigated	0.2	No	No	11.65	14.50	47.88	03/1986	191.70	Average	13
8/2/1985	Fully Litigated	2.3	No	No	11.53	14.80	36.00	03/1984	305.20	Average	10
8/7/1985	Fully Litigated	139.1	Yes	No	11.95	15.00	40.67	06/1986	2,333.60	Average	11
8/28/1985	Fully Litigated	80.4	Yes	Yes	11.65	14.25	37.32	12/1983	834.20	Average	9
8/28/1985	Fully Litigated	28.3	No	No	10.74	15.50	40.00	09/1985	1,223.30	Year-end	9
8/29/1985	Fully Litigated	17.4	Yes	No	11.46	14.50	46.94	06/1986	593.70	Average	8
9/9/1985	Fully Litigated	6.2	No	No	10.63	14.60	38.58	12/1984	409.00	Average	7
9/9/1985	Settled	78.9	No	No	NA	14.90	NA	12/1984	NA	NA	10
9/17/1985	Fully Litigated	164.9	No	No	11.93	14.90	45.52	06/1984	3,080.80	Year-end	7
9/23/1985	Fully Litigated	11.8	No	No	12.95	15.00	39.16	04/1986	NA	NA	5
9/27/1985	Fully Litigated	166.7	Yes	No	11.99	15.50	38.64	12/1985	994.80	Average	10
9/27/1985	Fully Litigated	33.7	No	No	11.24	15.80	35.99	12/1985	410.00	Average	10
10/2/1985	Fully Litigated	17.3	No	No	10.86	14.00	41.01	09/1986	680.00	Average	10
10/2/1985	Fully Litigated	78.4	No	No	11.73	14.75	45.36	06/1984	1,338.40	Year-end	5
10/3/1985	Fully Litigated	3.5	No	No	11.81	15.25	37.28	12/1984	NA	Year-end	5
10/24/1985	Fully Litigated	494.8	Yes	No	12.63	15.40	41.25	12/1984	8,884.90	Average	10
10/24/1985	Fully Litigated	38.8	No	No	11.18	15.82	40.23	09/1985	1,015.60	Year-end	9
10/24/1985	Fully Litigated	24.2	No	No	11.03	15.85	40.68	NA	540.10	Year-end	9
10/28/1985	Settled	12.4	No	No	13.10	16.00	34.90	05/1985	NA	NA	8
10/29/1985	Fully Litigated	58.8	No	No	13.43	16.65	38.79	09/1985	2,303.40	Date Certain	9
10/31/1985	Settled	10.8	No	No	11.88	15.06	39.10	12/1985	1,785.90	Year-end	5
11/4/1985	Fully Litigated	45.7	Yes	Yes	9.81	14.50	38.22	12/1984	1,513.40	Average	7
11/7/1985	Settled	4.0	No	No	12.80	15.50	40.66	12/1984	NA	Average	6
11/8/1985	Fully Litigated	21.1	No	No	11.40	14.30	39.30	12/1984	531.90	Year-end	6
12/12/1985	Fully Litigated	0.0	No	No	11.52	14.75	40.57	12/1985	445.90	Average	16
12/18/1985	Fully Litigated	(2.7)	No	No	11.69	15.00	36.62	12/1984	NA	Year-end	15
12/20/1985	Fully Litigated	85.6	No	No	11.18	14.50	46.22	12/1984	1,516.70	Year-end	10
12/20/1985	Fully Litigated	33.7	No	No	11.82	14.50	52.37	12/1986	1,587.90	Average	9
12/20/1985	Fully Litigated	9.6	Yes	No	12.37	15.00	48.00	12/1986	1,304.70	Average	12
1/24/1986	Fully Litigated	68.7	No	No	13.33	15.40	41.50	12/1986	1,629.30	Average	11
1/31/1986	Fully Litigated	(13.9)	No	No	11.95	15.00	35.19	12/1984	513.00	Year-end	7
2/5/1986	Fully Litigated	4.5	Yes	No	11.67	15.00	38.95	12/1986	NA	NA	9
2/5/1986	Settled	38.0	Yes	No	10.08	15.75	35.19	06/1985	460.20	Year-end	8
2/10/1986	Fully Litigated	19.6	Yes	Yes	11.07	13.30	37.39	12/1984	142.30	Average	10
2/11/1986	Fully Litigated	(5.9)	No	No	10.05	12.50	43.01	12/1986	354.40	Average	11
2/14/1986	Fully Litigated	7.1	Yes	No	11.96	14.40	NA	12/1984	NA	NA	8
2/18/1986	Fully Litigated	10.9	No	No	13.01	16.00	46.64	12/1984	201.10	Average	9
2/24/1986	Fully Litigated	4.0	No	No	11.72	14.50	45.42	12/1984	NA	Year-end	10
2/26/1986	Fully Litigated	(0.9)	No	No	10.75	14.00	50.54	09/1985	NA	NA	11
3/5/1986	Settled	(43.1)	No	No	11.93	14.90	39.68	12/1984	1,227.50	Year-end	7
3/11/1986	Fully Litigated	7.7	No	No	11.88	14.50	45.89	12/1986	164.20	Average	9
3/12/1986	Fully Litigated	40.0	No	No	11.42	13.50	44.48	03/1987	3,568.90	Average	10
3/27/1986	Fully Litigated	13.6	No	No	11.42	14.10	44.46	09/1985	966.80	Year-end	11
3/31/1986	Fully Litigated	13.5	No	Yes	10.99	13.50	48.10	12/1984	199.20	Average	10
4/1/1986	Fully Litigated	403.8	Yes	Yes	10.15	14.00	28.60	12/1985	7,344.00	Average	32
4/2/1986	Fully Litigated	9.6	No	Yes	10.33	15.50	34.81	12/1984	NA	Year-end	9
4/4/1986	Fully Litigated	14.2	No	No	12.00	15.00	37.05	12/1984	543.40	Average	9
4/14/1986	Fully Litigated	4.1	No	No	11.36	13.40	40.00	12/1985	287.60	Average	7
4/23/1986	Fully Litigated	78.2	Yes	No	11.75	15.00	37.38	12/1984	1,257.90	Year-end	17
5/16/1986	Fully Litigated	106.9	Yes	Yes	10.10	14.50	33.70	06/1984	4,742.40	Year-end	14
5/16/1986	Settled	28.8	No	No	10.96	14.50	38.40	12/1984	1,672.50	Average	9
5/29/1986	Fully Litigated	(1.9)	No	No	11.71	13.90	49.00	04/1987	192.50	Average	7
5/30/1986	Fully Litigated	29.1	No	No	10.47	15.10	42.17	12/1985	1,486.30	Year-end	10
6/2/1986	Fully Litigated	37.0	No	Yes	10.20	12.81	45.00	09/1986	2,194.00	Average	10
6/11/1986	Fully Litigated	0.0	No	No	11.19	14.00	39.52	06/1985	1,802.40	Year-end	6
6/24/1986	Fully Litigated	37.0	No	No	12.87	16.63	40.68	03/1986	2,015.90	Date Certain	11
6/26/1986	Fully Litigated	0.1	No	No	10.46	12.00	42.40	06/1985	NA	NA	6
6/26/1986	Fully Litigated	350.8	Yes	No	12.26	14.75	38.40	06/1986	6,000.10	Year-end	9
6/30/1986	Fully Litigated	(5.8)	Yes	No	11.18	13.00	37.15	06/1985	347.20	Year-end	6
7/10/1986	Fully Litigated	11.8	No	No	11.65	14.34	37.66	03/1986	2,039.60	Date Certain	12
7/11/1986	Fully Litigated	1.0	No	No	10.10	12.75	40.00	12/1984	1,109.00	Average	2
7/14/1986	Fully Litigated	20.8	Yes	No	10.75	12.60	45.16	07/1987	1,079.00	Average	10
7/17/1986	Fully Litigated	13.3	No	No	10.66	12.40	44.40	07/1987	649.40	Average	10
7/25/1986	Fully Litigated	59.8	No	No	10.28	14.25	40.10	06/1986	1,202.90	Year-end	9
8/6/1986	Fully Litigated	113.0	No	No	9.75	13.50	35.67	06/1985	NA	Year-end	13
8/14/1986	Fully Litigated	(5.4)	No	No	10.94	13.50	46.78	07/1987	610.90	Average	7
9/16/1986	Settled	2.4	No	No	10.10	12.75	40.00	12/1984	NA	NA	12

9/19/1986	Fully Litigated	12.0	No	No	10.42	13.25	35.30	06/1985	325.20	Average	9
10/1/1986	Fully Litigated	1.6	No	No	11.40	14.00	39.58	12/1984	2,486.40	Year-end	16
10/3/1986	Fully Litigated	133.1	No	No	10.92	13.40	46.30	12/1985	3,374.10	Year-end	6
10/31/1986	Fully Litigated	(17.4)	No	No	10.44	13.50	44.21	12/1986	NA	Year-end	0
11/5/1986	Fully Litigated	79.1	No	No	10.66	13.00	46.43	12/1985	1,432.90	Year-end	6
12/3/1986	Fully Litigated	3.7	No	No	NA	12.90	NA	12/1985	NA	NA	5
12/4/1986	Fully Litigated	113.1	No	No	11.37	14.44	47.28	12/1985	4,687.40	Year-end	8
12/16/1986	Settled	1.8	No	No	10.39	13.60	40.70	03/1986	NA	Date Certain	10
12/22/1986	Fully Litigated	108.2	Yes	No	11.44	13.80	44.50	12/1987	NA	NA	12
12/30/1986	Fully Litigated	(28.8)	No	No	11.55	13.00	53.00	12/1987	1,582.50	Average	10
1/2/1987	Fully Litigated	8.3	Yes	No	11.55	13.00	47.87	12/1985	NA	Average	8
1/12/1987	Fully Litigated	2.4	No	No	11.74	12.40	42.14	12/1985	NA	NA	9
1/27/1987	Fully Litigated	4.4	No	No	10.88	12.71	36.13	12/1986	NA	Average	11
3/2/1987	Fully Litigated	1.2	No	No	9.43	12.47	37.67	12/1985	299.60	Average	10
3/3/1987	Fully Litigated	3.7	No	No	11.72	13.60	40.00	06/1986	NA	Average	5
3/4/1987	Fully Litigated	20.5	No	Yes	10.54	12.38	43.34	12/1985	453.00	Average	10
3/10/1987	Fully Litigated	(18.6)	No	No	11.18	13.50	41.00	03/1987	1,754.30	Year-end	9
3/13/1987	Fully Litigated	75.1	No	No	10.45	13.00	37.04	03/1988	4,526.90	Average	10
3/31/1987	Settled	(15.0)	No	No	10.64	13.00	48.85	07/1988	609.50	Average	2
4/6/1987	Settled	344.2	No	No	10.65	13.00	47.13	03/1986	6,377.30	Year-end	28
4/14/1987	Fully Litigated	(30.1)	No	Yes	9.88	12.50	42.32	12/1985	650.34	Year-end	10
4/16/1987	Fully Litigated	8.1	No	Yes	10.87	14.50	35.92	12/1985	995.00	Year-end	13
4/27/1987	Fully Litigated	7.3	No	Yes	10.03	12.00	45.00	06/1987	NA	NA	10
5/5/1987	Fully Litigated	(76.2)	No	No	9.78	12.85	42.98	06/1986	3,121.10	Average	5
5/12/1987	Fully Litigated	(21.9)	No	No	9.80	12.65	42.09	06/1986	1,136.80	Average	6
5/28/1987	Fully Litigated	(8.8)	No	No	11.49	13.50	47.90	04/1988	206.40	Average	7
6/15/1987	Fully Litigated	27.1	No	No	10.48	13.20	36.90	07/1988	1,087.60	Average	9
6/29/1987	Fully Litigated	20.5	No	Yes	14.94	15.00	32.14	09/1985	NA	NA	13
6/30/1987	Fully Litigated	11.6	No	No	10.32	12.50	37.37	06/1986	431.60	Year-end	6
7/8/1987	Fully Litigated	(14.7)	No	No	10.20	12.00	39.86	NA	NA	NA	3
7/10/1987	Fully Litigated	(1.3)	No	No	11.08	12.90	48.01	12/1987	510.60	Average	14
7/15/1987	Fully Litigated	28.9	Yes	No	9.06	13.50	27.56	12/1985	2,077.70	Year-end	7
7/16/1987	Fully Litigated	(13.0)	No	No	11.42	13.50	35.80	02/1987	395.90	Year-end	13
7/16/1987	Fully Litigated	115.2	Yes	Yes	11.27	15.00	29.33	12/1985	2,801.10	Average	44
7/27/1987	Fully Litigated	(26.3)	No	No	9.08	13.00	40.95	12/1986	NA	NA	0
7/27/1987	Fully Litigated	0.7	No	No	10.36	13.40	36.50	07/1988	764.40	Average	11
7/27/1987	Fully Litigated	(3.5)	No	No	10.67	13.50	NA	NA	NA	NA	6
7/31/1987	Fully Litigated	(40.7)	No	No	10.86	12.98	NA	NA	NA	NA	5
8/26/1987	Fully Litigated	92.5	No	No	10.45	12.63	43.00	03/1986	2,882.50	Year-end	7
8/26/1987	Fully Litigated	23.2	No	No	10.50	12.75	42.80	03/1986	655.40	Year-end	6
8/27/1987	Settled	(2.6)	No	No	NA	13.25	NA	NA	NA	NA	5
9/9/1987	Fully Litigated	5.0	No	No	NA	13.00	NA	03/1986	NA	Year-end	16
9/30/1987	Settled	(20.9)	No	Yes	11.14	12.75	42.26	12/1987	NA	NA	19
9/30/1987	Fully Litigated	464.1	Yes	No	11.03	13.00	37.05	09/1988	6,369.20	Average	6
10/2/1987	Fully Litigated	(13.1)	No	No	9.69	11.50	43.41	09/1986	672.60	Average	10
10/15/1987	Settled	(1.5)	No	No	NA	13.00	NA	NA	NA	NA	7
11/2/1987	Fully Litigated	6.6	No	No	10.93	13.00	43.51	09/1986	NA	Year-end	9
11/19/1987	Fully Litigated	(4.5)	No	No	NA	13.00	NA	12/1986	NA	NA	0
11/30/1987	Fully Litigated	28.0	No	No	10.90	12.00	45.93	03/1987	482.60	Year-end	6
12/3/1987	Fully Litigated	0.0	No	No	11.25	14.20	29.91	09/1988	1,765.70	Average	12
12/15/1987	Fully Litigated	(27.6)	No	No	10.47	13.25	46.00	06/1987	NA	NA	15
12/16/1987	Fully Litigated	69.7	No	Yes	11.53	13.50	37.54	07/1987	927.90	Date Certain	13
12/16/1987	Fully Litigated	17.0	No	No	11.61	13.72	37.54	07/1987	2,178.10	Date Certain	13
12/17/1987	Settled	(11.1)	No	Yes	11.64	11.75	42.00	12/1986	NA	NA	9
12/18/1987	Settled	(15.8)	No	No	NA	13.50	NA	NA	NA	NA	9
12/21/1987	Fully Litigated	5.6	No	No	9.94	12.01	36.78	12/1986	3,966.80	Year-end	8
12/22/1987	Fully Litigated	63.0	Yes	Yes	11.30	12.00	40.00	06/1986	1,560.00	Average	17
12/22/1987	Fully Litigated	2.6	No	No	11.22	12.00	58.57	12/1988	287.10	Average	6
12/22/1987	Fully Litigated	(48.5)	Yes	No	10.77	12.75	46.00	12/1988	NA	NA	12
12/22/1987	Settled	8.7	No	No	11.69	13.00	51.68	12/1988	1,707.30	Average	7
1/20/1988	Fully Litigated	0.0	No	No	11.15	13.80	35.63	12/1988	2,951.90	Average	11
1/26/1988	Settled	152.0	No	No	11.95	13.90	43.79	12/1987	3,123.20	Date Certain	7
1/29/1988	Fully Litigated	(13.9)	No	No	11.42	13.20	50.79	12/1988	500.70	Average	7
2/4/1988	Fully Litigated	(10.0)	No	No	10.26	12.60	37.72	12/1986	2,549.00	Year-end	6
3/1/1988	Fully Litigated	(8.5)	No	Yes	9.35	11.56	39.48	06/1988	543.10	Average	10
3/23/1988	Fully Litigated	232.0	Yes	No	10.94	12.87	40.20	03/1988	3,003.80	Year-end	9
3/24/1988	Fully Litigated	(0.4)	No	No	9.48	11.24	45.25	12/1988	NA	Average	7
3/30/1988	Settled	45.7	No	No	10.56	12.72	43.76	09/1986	468.30	Year-end	11
4/1/1988	Fully Litigated	90.8	No	No	10.53	12.50	41.01	09/1986	3,298.10	Year-end	27
4/7/1988	Fully Litigated	(44.3)	Yes	Yes	10.11	13.25	36.13	12/1986	5,432.80	Year-end	12
4/25/1988	Fully Litigated	(32.6)	No	Yes	9.29	10.96	50.02	12/1986	NA	Average	10
5/3/1988	Fully Litigated	67.1	Yes	No	11.14	12.91	37.40	04/1988	634.00	Year-end	9
5/11/1988	Fully Litigated	1.2	No	No	11.30	13.50	48.09	04/1989	218.80	Average	7
5/16/1988	Settled	60.0	No	Yes	11.48	13.00	35.15	06/1986	1,395.80	Year-end	18
6/30/1988	Fully Litigated	8.6	No	No	10.01	12.75	35.09	06/1987	495.10	Year-end	6
7/1/1988	Fully Litigated	12.8	No	No	9.98	12.75	44.43	08/1987	1,195.10	Year-end	7
7/20/1988	Fully Litigated	0.0	No	No	NA	13.40	NA	07/1989	NA	Average	11
8/5/1988	Fully Litigated	134.8	Yes	No	10.45	12.75	44.00	03/1987	3,677.20	Year-end	11
8/23/1988	Settled	73.2	No	Yes	9.68	11.70	45.25	12/1988	2,342.70	Average	9
8/29/1988	Fully Litigated	25.0	No	No	10.48	12.75	44.72	09/1987	804.00	Year-end	6
8/30/1988	Settled	0.0	No	No	10.74	13.50	34.38	06/1989	NA	Average	12
9/8/1988	Settled	4.6	No	Yes	11.11	12.60	45.73	12/1987	206.20	Year-end	4
10/13/1988	Fully Litigated	4.1	No	No	10.34	13.10	49.52	07/1989	620.60	Average	7
12/19/1988	Fully Litigated	(91.3)	Yes	No	10.90	13.00	48.00	12/1989	2,178.50	Average	12
12/20/1988	Fully Litigated	(3.8)	No	No	10.86	12.25	49.10	12/1987	NA	Average	7
12/20/1988	Fully Litigated	(14.6)	No	No	10.06	13.00	42.03	12/1987	1,035.80	Average	11
12/21/1988	Fully Litigated	27.3	No	No	10.45	12.90	36.95	12/1987	3,034.70	Year-end	5
12/27/1988	Settled	29.5	No	No	9.65	13.00	34.00	12/1988	7,550.00	Average	18
12/28/1988	Fully Litigated	(28.8)	No	No	11.78	13.10	53.55	12/1989	1,676.40	Average	8
12/30/1988	Settled	235.0	Yes	No	11.46	13.40	48.11	12/1987	NA	Year-end	16
1/27/1989	Fully Litigated	2.7	No	No	11.09	13.00	52.76	12/1989	512.90	Average	9
1/31/1989	Fully Litigated	17.3	No	No	10.89	13.00	51.20	12/1987	190.20	Year-end	6
2/17/1989	Settled	11.0	Yes	No	10.19	13.00	42.29	11/1988	NA	Average	2
2/20/1989	Fully Litigated	(18.3)	No	Yes	10.11	12.40	38.72	12/1987	485.90	Average	13
3/1/1989	Fully Litigated	45.9	No	No	11.07	12.76	37.00	12/1987	3,067.20	Average	12
3/8/1989	Settled	0.0	No	No	10.77	13.00	38.28	12/1989	2,932.90	Average	11
3/30/1989	Fully Litigated	60.5	No	No	10.83	14.00	35.40	12/1986	1,440.00	Year-end	16
4/5/1989	Settled	97.7	Yes	Yes	NA	14.20	NA	NA	NA	NA	4
4/18/1989	Fully Litigated	(2.7)	No	No	10.49	13.00	36.80	07/1989	743.40	Average	12
5/5/1989	Fully Litigated	14.7	No	No	10.87	12.40	46.61	06/1988	427.20	Year-end	6
6/2/1989	Fully Litigated	24.2	No	Yes	10.63	13.20	49.78	06/1988	608.30	Average	10
6/8/1989	Fully Litigated	7.3	No	No	12.02	13.50	47.81	05/1990	234.20	Average	8
6/27/1989	Fully Litigated	21.8	Yes	No	10.68	13.25	46.20	09/1988	1,639.40	Year-end	5
6/30/1989	Fully Litigated	17.5	No	No	10.38	13.00	36.58	06/1988	557.80	Year-end	6
8/14/1989	Fully Litigated	(16.5)	No	No	10.44	12.50	44.00	12/1987	838.50	Average	13

9/28/1989	Fully Litigated	218.1	Yes	No	10.80	12.25	37.49	04/1990	7,934.00	Average	5
10/24/1989	Fully Litigated	43.2	No	No	9.17	12.50	44.07	06/1988	788.00	Year-end	11
11/9/1989	Fully Litigated	3.7	No	No	10.21	13.00	49.50	07/1990	635.90	Average	10
12/15/1989	Fully Litigated	21.5	No	No	10.01	13.00	43.06	08/1989	3,472.80	Average	6
12/20/1989	Fully Litigated	174.2	Yes	No	10.96	12.90	46.75	12/1990	NA	NA	12
12/21/1989	Fully Litigated	(7.3)	No	No	NA	12.90	53.60	12/1990	NA	Average	8
12/27/1989	Fully Litigated	8.0	No	No	11.42	12.50	56.61	12/1990	365.80	Average	6
12/27/1989	Settled	5.8	No	No	NA	13.00	NA	12/1988	NA	NA	6
1/10/1990	Fully Litigated	0.0	No	No	NA	12.80	NA	NA	NA	NA	0
1/11/1990	Fully Litigated	(29.7)	No	No	11.47	12.90	54.18	12/1990	1,677.00	Average	8
1/17/1990	Fully Litigated	29.7	No	No	10.22	12.80	41.50	09/1988	1,846.70	Average	11
1/26/1990	Settled	3.8	No	No	10.84	12.00	50.51	12/1988	NA	Average	6
2/9/1990	Fully Litigated	(38.8)	No	Yes	10.21	12.10	45.00	12/1988	NA	Average	7
2/24/1990	Fully Litigated	8.6	No	Yes	11.30	12.86	48.65	03/1989	220.00	Year-end	7
3/30/1990	Fully Litigated	40.9	No	No	9.73	12.90	41.35	06/1989	625.60	Year-end	6
4/4/1990	Fully Litigated	(37.3)	No	No	9.97	15.76	33.36	12/1988	1,565.90	Year-end	12
4/12/1990	Fully Litigated	(2.9)	No	No	9.95	12.52	44.33	12/1988	861.10	Year-end	10
4/19/1990	Fully Litigated	242.3	No	No	11.23	12.75	36.20	03/1990	9,150.30	Year-end	9
5/21/1990	Fully Litigated	13.8	No	No	10.15	12.10	38.90	04/1991	735.90	Average	12
5/29/1990	Settled	3.6	No	No	11.29	12.40	41.89	06/1989	NA	Average	6
5/31/1990	Fully Litigated	14.0	No	No	10.77	12.00	48.92	03/1989	253.90	Average	9
6/4/1990	Settled	3.8	No	No	10.67	12.90	37.39	06/1989	NA	Average	4
6/6/1990	Fully Litigated	74.8	No	No	10.11	12.25	33.54	12/1990	2,451.00	Year-end	10
6/15/1990	Fully Litigated	3.1	No	No	11.34	13.20	51.37	05/1991	243.30	Average	8
6/20/1990	Fully Litigated	227.0	No	Yes	10.61	12.92	43.23	09/1988	6,042.10	Year-end	19
6/27/1990	Fully Litigated	(7.3)	No	No	10.27	12.90	50.16	07/1991	646.90	Average	6
6/29/1990	Fully Litigated	20.0	No	No	10.22	12.50	37.61	06/1989	NA	Year-end	6
7/6/1990	Fully Litigated	36.1	No	No	9.91	12.10	40.48	06/1991	1,161.80	Average	10
7/6/1990	Fully Litigated	9.5	No	No	9.78	12.35	41.78	12/1989	1,159.70	Average	10
8/10/1990	Fully Litigated	14.1	No	Yes	8.10	12.55	30.76	12/1990	861.20	Average	7
8/16/1990	Fully Litigated	142.4	No	No	11.20	13.21	43.53	12/1989	4,045.60	Date Certain	12
8/22/1990	Fully Litigated	13.1	No	Yes	10.99	13.10	41.98	06/1989	NA	Year-end	8
8/24/1990	Fully Litigated	14.3	Yes	No	8.79	13.00	33.30	03/1989	1,861.60	Year-end	13
9/26/1990	Settled	10.5	No	No	9.87	11.45	43.28	07/1991	515.10	Average	13
10/2/1990	Fully Litigated	6.4	No	No	11.17	13.00	49.90	12/1989	79.70	Year-end	6
10/5/1990	Fully Litigated	12.4	No	No	11.00	12.84	41.42	12/1989	405.70	Year-end	10
10/19/1990	Settled	144.0	No	Yes	11.17	13.00	NA	09/1988	NA	Year-end	20
10/25/1990	Fully Litigated	24.1	No	Yes	10.25	12.30	47.87	09/1989	505.70	Average	10
11/21/1990	Settled	95.5	No	No	10.67	12.70	50.20	06/1990	1,952.00	Year-end	12
12/13/1990	Fully Litigated	36.2	No	No	9.77	12.30	45.40	12/1990	1,311.80	Year-end	9
12/17/1990	Fully Litigated	77.0	No	No	9.94	12.87	40.75	07/1990	3,729.20	Average	7
12/18/1990	Fully Litigated	10.9	No	No	11.40	13.10	50.98	12/1991	545.60	Average	8
12/19/1990	Settled	2.4	No	No	9.73	12.00	42.50	12/1989	NA	Average	5
12/20/1990	Settled	13.0	No	No	10.62	12.75	NA	NA	NA	NA	5
12/21/1990	Fully Litigated	6.2	No	No	9.52	12.50	44.00	04/1990	1,269.50	Year-end	5
12/27/1990	Settled	6.1	No	No	NA	12.79	NA	09/1990	NA	NA	3
1/2/1991	Fully Litigated	35.4	No	No	11.62	13.10	53.57	12/1991	1,738.70	Average	8
1/4/1991	Fully Litigated	7.3	No	No	10.96	12.50	47.39	12/1989	157.70	Average	8
1/15/1991	Fully Litigated	7.3	No	No	11.74	12.75	58.62	12/1991	389.20	Average	7
1/25/1991	Fully Litigated	50.3	No	No	10.17	11.70	41.96	12/1991	3,061.30	Average	11
2/4/1991	Settled	26.9	No	No	10.52	12.50	42.96	12/1991	1,573.50	Average	10
2/7/1991	Fully Litigated	36.7	No	Yes	10.71	12.50	31.31	09/1989	548.20	Year-end	10
2/12/1991	Settled	10.4	Yes	No	NA	13.00	NA	12/1991	NA	NA	7
2/14/1991	Fully Litigated	13.9	No	No	10.27	12.72	40.62	12/1989	330.40	Year-end	8
2/22/1991	Settled	(3.7)	No	No	10.66	12.80	50.10	12/1989	199.40	Average	6
3/6/1991	Fully Litigated	5.7	No	Yes	10.46	13.10	43.71	12/1990	124.29	Average	19
3/8/1991	Fully Litigated	34.2	No	Yes	10.52	12.30	42.57	12/1989	1,065.90	Average	9
3/8/1991	Fully Litigated	750.2	No	No	11.16	13.00	47.10	12/1991	14,485.10	Average	11
4/22/1991	Fully Litigated	79.8	No	Yes	10.33	13.00	38.32	12/1989	6,592.40	Year-end	12
5/7/1991	Fully Litigated	(44.6)	No	No	8.99	13.50	24.50	12/1991	2,935.60	Average	19
5/13/1991	Fully Litigated	25.5	No	Yes	10.77	13.25	43.67	12/1989	916.00	Year-end	13
5/30/1991	Fully Litigated	19.7	No	No	9.98	12.75	41.99	12/1990	1,434.30	Average	7
6/12/1991	Fully Litigated	19.4	No	No	9.89	12.00	43.19	12/1989	710.40	Average	10
6/25/1991	Fully Litigated	33.1	No	No	9.66	11.70	41.79	06/1992	1,184.80	Average	10
6/28/1991	Settled	293.9	Yes	Yes	NA	12.50	33.62	06/1992	NA	Average	23
7/1/1991	Fully Litigated	10.9	No	No	10.49	12.00	49.89	06/1990	267.50	Year-end	6
7/3/1991	Settled	91.6	No	No	10.52	12.50	46.05	05/1991	1,270.70	Year-end	9
7/19/1991	Fully Litigated	39.8	No	Yes	10.24	12.10	44.78	12/1989	855.20	Average	12
8/1/1991	Fully Litigated	77.2	No	No	10.16	12.90	37.64	06/1990	3,135.90	Year-end	6
8/16/1991	Fully Litigated	442.4	No	No	11.05	13.20	42.10	06/1989	NA	Year-end	19
9/27/1991	Settled	14.0	No	No	10.77	12.50	46.54	12/1990	274.50	Average	7
9/30/1991	Settled	117.0	No	No	10.70	12.25	42.60	04/1992	8,136.00	Average	6
10/17/1991	Fully Litigated	52.0	No	Yes	9.99	13.00	44.52	12/1990	533.40	Average	22
10/23/1991	Fully Litigated	19.7	No	No	9.93	12.50	42.15	12/1990	1,250.70	Average	9
10/23/1991	Settled	313.0	No	Yes	10.49	12.55	43.56	03/1990	7,907.60	Year-end	11
10/31/1991	Fully Litigated	3.7	No	No	9.90	11.80	47.75	12/1991	143.20	Average	7
11/1/1991	Fully Litigated	(1.1)	No	No	10.14	12.00	42.88	12/1990	931.80	Average	10
11/5/1991	Fully Litigated	30.3	No	No	10.35	12.25	50.00	12/1990	1,835.10	Year-end	5
11/12/1991	Fully Litigated	100.1	No	No	10.44	12.50	49.82	12/1990	4,566.00	Year-end	7
11/12/1991	Fully Litigated	37.9	No	No	10.89	13.25	37.34	09/1990	549.10	Year-end	10
11/25/1991	Fully Litigated	11.1	No	No	9.96	12.40	44.02	12/1990	494.30	Average	6
11/26/1991	Fully Litigated	73.4	Yes	No	10.59	11.60	28.40	11/1992	6,586.50	Average	11
11/26/1991	Fully Litigated	12.2	No	No	9.72	12.50	39.36	02/1991	867.90	Year-end	6
11/27/1991	Fully Litigated	53.5	No	Yes	10.05	12.10	47.75	12/1991	2,228.30	Average	10
12/18/1991	Fully Litigated	12.2	No	Yes	10.83	12.25	40.70	12/1990	139.10	Average	9
12/19/1991	Fully Litigated	7.1	No	No	11.59	12.60	57.08	12/1992	395.00	Average	6
12/19/1991	Fully Litigated	5.7	No	No	11.46	12.80	52.97	12/1992	571.00	Average	8
12/20/1991	Fully Litigated	42.0	Yes	No	10.59	12.65	46.00	12/1992	11,023.90	Average	12
1/9/1992	Fully Litigated	56.4	No	No	11.76	12.80	52.56	12/1992	1,846.10	Average	8
1/16/1992	Settled	5.5	No	No	10.28	12.75	42.30	12/1990	179.40	Year-end	9
1/21/1992	Settled	5.1	No	No	10.17	12.00	44.05	10/1991	93.90	Year-end	10
1/22/1992	Settled	129.0	No	No	10.93	13.00	49.57	12/1991	2,050.00	Date Certain	9
1/27/1992	Fully Litigated	15.7	Yes	No	11.00	12.65	38.92	02/1991	NA	Average	7
1/31/1992	Fully Litigated	4.9	No	No	10.00	12.00	44.63	03/1990	669.30	Year-end	6
2/11/1992	Fully Litigated	100.2	No	No	10.21	12.40	39.90	12/1992	3,371.90	Average	10
2/25/1992	Fully Litigated	18.5	No	Yes	9.95	12.50	42.86	09/1991	801.80	Average	9
3/16/1992	Fully Litigated	3.0	No	No	10.26	11.43	42.05	12/1990	65.30	Average	9
3/18/1992	Fully Litigated	3.4	No	No	9.77	12.28	49.11	12/1992	833.60	Average	10
4/2/1992	Fully Litigated	7.0	No	No	10.64	12.10	49.48	12/1990	163.00	Average	8
4/9/1992	Fully Litigated	18.3	No	No	9.08	11.45	41.48	04/1993	764.50	Average	10
4/10/1992	Fully Litigated	3.5	No	No	9.94	11.50	48.11	03/1993	289.00	Average	9
4/14/1992	Settled	250.5	Yes	No	9.47	11.50	52.09	03/1993	7,781.00	Average	11
5/5/1992	Fully Litigated	22.3	No	No	9.80	11.50	45.95	07/1991	91.80	Year-end	6
5/12/1992	Fully Litigated	114.6	Yes	No	10.42	11.87	45.40	12/1991	2,418.70	Date Certain	13
5/12/1992	Fully Litigated	123.0	Yes	No	10.33	12.46	43.09	12/1991	1,548.50	Date Certain	13

6/1/1992	Fully Litigated	(4.0)	No	No	9.93	12.30	40.86	12/1990	446.00	Average	7
6/12/1992	Fully Litigated	4.9	No	Yes	9.20	10.90	42.63	12/1990	78.80	Average	10
6/26/1992	Fully Litigated	30.4	No	No	9.96	12.35	44.68	12/1991	1,392.20	Average	6
6/29/1992	Fully Litigated	32.2	No	No	9.31	11.00	42.79	06/1993	1,239.30	Average	11
6/30/1992	Fully Litigated	124.3	Yes	Yes	10.06	13.00	47.22	12/1992	598.10	Average	11
7/13/1992	Fully Litigated	10.4	No	Yes	9.50	11.90	42.91	12/1990	292.60	Average	11
7/13/1992	Settled	(4.5)	No	No	11.04	13.50	50.62	12/1990	190.40	Average	10
7/22/1992	Fully Litigated	48.0	No	No	9.74	11.20	45.02	07/1993	3,130.10	Average	10
8/3/1992	Fully Litigated	7.9	No	Yes	9.99	12.00	41.90	12/1990	555.00	Average	10
8/6/1992	Fully Litigated	22.2	No	No	10.02	12.50	41.82	10/1991	994.40	Year-end	6
9/22/1992	Fully Litigated	85.8	Yes	Yes	8.37	12.00	37.62	12/1993	3,179.40	Average	7
9/28/1992	Settled	3.7	No	No	NA	11.40	40.00	09/1993	NA	Year-end	9
9/30/1992	Fully Litigated	45.6	No	No	9.90	11.75	51.25	12/1991	731.90	Year-end	6
10/2/1992	Fully Litigated	3.9	Yes	Yes	10.40	13.00	48.86	12/1992	152.00	Average	14
10/12/1992	Settled	19.3	No	Yes	10.23	12.20	49.20	12/1991	704.10	Average	6
10/16/1992	Fully Litigated	25.8	No	No	10.53	13.16	16.55	09/1990	820.30	Year-end	18
10/30/1992	Settled	NA	Yes	No	NA	11.75	NA	NA	NA	NA	6
11/3/1992	Settled	4.6	No	No	10.70	12.00	NA	NA	NA	NA	5
12/3/1992	Fully Litigated	33.5	Yes	No	9.94	11.85	49.50	12/1993	2,394.00	Average	12
12/15/1992	Fully Litigated	2.8	No	No	9.30	11.00	48.52	12/1993	153.00	Average	7
12/16/1992	Fully Litigated	254.4	Yes	No	10.13	11.90	46.75	12/1993	9,120.50	Average	12
12/16/1992	Fully Litigated	33.1	Yes	No	10.60	12.40	30.05	12/1991	NA	Year-end	5
12/17/1992	Fully Litigated	29.6	Yes	No	8.34	12.00	43.08	12/1994	1,850.90	Average	6
12/22/1992	Fully Litigated	8.7	No	No	11.54	12.30	54.15	12/1993	577.50	Average	8
12/22/1992	Fully Litigated	(0.8)	No	No	9.88	12.40	49.53	07/1993	703.00	Average	11
12/29/1992	Fully Litigated	45.2	No	Yes	9.92	12.25	41.75	12/1990	6,560.90	Year-end	17
12/30/1992	Settled	235.0	No	No	10.08	12.00	NA	06/1992	7,881.30	Year-end	13
12/31/1992	Settled	10.4	No	Yes	9.65	11.90	46.00	12/1991	NA	Average	8
1/12/1993	Fully Litigated	8.0	No	No	10.92	12.00	56.94	12/1993	401.80	Average	7
1/21/1993	Fully Litigated	31.1	No	No	9.59	11.25	46.23	12/1992	1,231.40	Year-end	9
2/2/1993	Settled	98.4	No	No	NA	11.40	NA	12/1993	NA	Average	12
2/15/1993	Fully Litigated	26.7	No	No	11.52	12.30	51.19	12/1993	1,989.90	Average	9
2/24/1993	Fully Litigated	15.2	No	No	9.68	11.90	43.82	06/1992	580.50	Average	7
2/26/1993	Fully Litigated	10.6	No	No	9.48	11.80	44.82	12/1991	367.80	Year-end	7
2/26/1993	Fully Litigated	123.8	No	No	10.28	12.20	47.38	03/1992	2,456.10	Year-end	14
4/23/1993	Fully Litigated	84.9	No	No	9.40	11.75	44.55	11/1992	4,312.80	Average	7
5/11/1993	Fully Litigated	3.6	Yes	No	8.93	11.75	38.89	12/1993	81.30	Average	12
5/14/1993	Fully Litigated	53.6	No	No	9.45	11.50	44.50	06/1993	1,552.90	Year-end	8
5/25/1993	Fully Litigated	60.4	Yes	No	9.80	11.50	47.84	09/1992	2,088.40	Year-end	5
5/28/1993	Fully Litigated	7.0	No	No	9.95	11.00	49.89	06/1992	86.30	Year-end	6
6/3/1993	Fully Litigated	(4.4)	No	No	10.92	12.00	50.66	05/1994	230.20	Average	7
6/16/1993	Fully Litigated	141.3	Yes	No	8.84	11.50	40.10	12/1991	3,575.50	Average	6
6/18/1993	Fully Litigated	4.3	No	No	10.32	12.10	56.11	12/1991	NA	Year-end	7
6/25/1993	Fully Litigated	(0.9)	No	No	10.34	11.67	51.71	09/1992	119.00	Year-end	10
7/21/1993	Fully Litigated	9.6	No	No	9.61	11.38	48.05	12/1992	238.10	Average	10
7/23/1993	Fully Litigated	2.6	No	No	9.20	10.46	60.60	09/1991	70.40	Year-end	16
8/24/1993	Settled	18.5	Yes	No	9.46	11.50	42.49	06/1994	1,275.70	Average	12
9/21/1993	Fully Litigated	(64.0)	No	No	8.94	10.50	45.00	06/1992	2,002.50	Average	10
9/29/1993	Fully Litigated	72.2	No	Yes	9.31	11.47	48.39	12/1993	2,373.30	Average	11
9/30/1993	Fully Litigated	15.6	No	No	9.56	11.60	50.31	07/1994	727.30	Average	8
11/2/1993	Settled	65.5	Yes	No	9.34	10.80	44.28	07/1994	3,182.20	Average	11
11/12/1993	Fully Litigated	34.7	No	No	8.78	12.00	35.29	12/1991	1,805.20	Year-end	18
11/26/1993	Fully Litigated	(13.1)	No	No	9.40	11.00	44.62	09/1992	1,730.40	Year-end	10
12/14/1993	Fully Litigated	26.0	No	No	8.52	10.55	43.74	12/1992	1,201.50	Average	9
12/16/1993	Fully Litigated	5.1	No	No	8.58	10.60	44.61	10/1994	775.30	Average	13
12/21/1993	Fully Litigated	(17.4)	No	No	10.72	11.30	55.61	12/1994	582.00	Average	8
1/4/1994	Settled	NA	No	No	NA	10.07	NA	09/1993	NA	NA	5
1/13/1994	Fully Litigated	21.6	No	No	8.51	11.00	44.07	06/1992	1,017.70	Year-end	12
1/21/1994	Fully Litigated	(78.0)	No	No	7.66	11.00	32.32	12/1994	9,041.30	Average	18
1/28/1994	Fully Litigated	435.4	No	Yes	9.98	11.35	41.71	06/1992	13,840.30	Year-end	12
2/3/1994	Fully Litigated	241.9	No	Yes	9.19	11.40	43.38	12/1991	6,972.00	Year-end	20
2/17/1994	Fully Litigated	11.0	No	No	9.25	10.60	41.27	12/1992	185.40	Average	9
2/25/1994	Settled	6.8	No	Yes	9.33	11.25	46.32	12/1992	NA	Average	9
2/25/1994	Fully Litigated	(16.9)	No	No	9.99	12.00	49.00	06/1991	1,534.40	Year-end	36
3/1/1994	Settled	(28.1)	No	No	9.92	11.00	41.00	06/1993	719.50	Average	4
3/4/1994	Fully Litigated	25.4	Yes	No	9.05	11.00	44.90	06/1993	1,529.30	Average	9
4/25/1994	Fully Litigated	7.6	No	Yes	9.09	11.00	44.12	12/1992	903.20	Year-end	10
5/10/1994	Fully Litigated	57.6	No	No	7.43	11.75	28.35	12/1994	3,168.40	Average	12
5/13/1994	Settled	3.7	No	No	9.41	10.50	50.33	06/1993	180.10	Average	7
6/3/1994	Fully Litigated	7.4	No	Yes	9.11	11.00	44.30	12/1992	285.90	Average	10
6/27/1994	Fully Litigated	17.9	No	Yes	9.55	11.40	39.51	06/1992	999.60	Year-end	19
8/5/1994	Fully Litigated	8.1	No	Yes	10.19	12.75	48.68	12/1993	191.90	Average	33
10/31/1994	Fully Litigated	8.6	No	No	8.68	10.00	47.86	12/1993	277.40	Average	8
11/9/1994	Fully Litigated	23.5	No	No	9.02	10.85	41.35	12/1993	NA	Average	9
11/9/1994	Fully Litigated	1.5	No	No	9.40	10.85	46.42	12/1993	NA	Average	9
11/18/1994	Fully Litigated	4.5	No	Yes	9.51	11.20	45.28	12/1992	218.40	Year-end	18
11/22/1994	Fully Litigated	19.0	No	Yes	9.33	11.60	48.61	12/1994	485.90	Average	10
11/28/1994	Settled	(30.0)	No	No	8.79	11.06	44.19	12/1992	859.00	Year-end	10
12/8/1994	Fully Litigated	(12.3)	No	No	9.41	11.50	51.93	12/1995	795.40	Average	10
12/8/1994	Fully Litigated	(4.2)	No	No	10.99	11.70	53.89	12/1995	223.80	Average	7
12/14/1994	Fully Litigated	(4.4)	No	No	9.58	10.95	41.09	12/1993	NA	Average	7
12/15/1994	Fully Litigated	57.3	No	No	9.15	11.50	45.50	12/1994	1,830.10	Year-end	8
12/19/1994	Fully Litigated	(10.9)	No	No	10.91	11.50	55.43	12/1995	573.40	Average	8
12/28/1994	Fully Litigated	40.5	No	Yes	9.38	12.15	48.44	12/1994	689.90	Average	17
1/9/1995	Fully Litigated	303.2	No	No	9.87	12.28	38.97	12/1994	12,735.20	Average	11
1/31/1995	Fully Litigated	17.2	No	No	9.20	11.00	45.42	12/1993	1,221.60	Average	7
2/10/1995	Fully Litigated	15.5	No	Yes	9.87	12.60	48.10	12/1994	189.60	Average	14
2/17/1995	Settled	37.5	No	No	8.23	11.90	37.46	12/1992	1,957.90	Year-end	17
3/9/1995	Settled	3.0	No	No	9.71	11.50	45.80	03/1994	229.70	Year-end	8
3/20/1995	Fully Litigated	(52.9)	No	No	10.05	12.00	42.38	12/1993	1,292.00	Year-end	12
3/23/1995	Settled	66.0	No	No	10.06	12.81	43.56	03/1995	NA	Date Certain	8
3/29/1995	Fully Litigated	51.0	No	No	9.51	11.60	45.44	12/1995	NA	Average	16
4/6/1995	Settled	0.0	Yes	No	9.18	11.10	52.00	03/1996	8,684.70	Average	11
4/7/1995	Fully Litigated	0.0	No	No	9.45	11.00	30.22	11/1995	6,816.20	Average	15
4/19/1995	Fully Litigated	36.6	No	No	9.26	11.00	39.85	12/1995	NA	Average	14
5/12/1995	Fully Litigated	(16.9)	No	No	9.83	11.63	49.12	12/1993	NA	Average	10
5/25/1995	Fully Litigated	(49.4)	No	No	9.99	11.20	41.30	12/1993	NA	Average	9
6/9/1995	Settled	12.5	No	No	9.73	11.25	50.41	06/1994	177.30	Average	8
6/21/1995	Fully Litigated	4.6	No	No	7.94	12.25	36.60	12/1993	574.50	Year-end	13
6/30/1995	Fully Litigated	27.9	No	No	9.09	11.10	46.09	12/1994	1,639.10	Average	9
9/11/1995	Fully Litigated	(33.8)	No	No	10.29	11.30	53.96	12/1996	2,387.00	Average	5
9/27/1995	Fully Litigated	(4.8)	No	No	10.16	11.30	54.99	12/1996	NA	Average	3
9/27/1995	Fully Litigated	85.2	No	No	9.54	11.50	45.88	09/1995	5,017.70	Year-end	9
9/27/1995	Settled	0.0	No	No	9.69	11.75	46.40	09/1993	NA	Year-end	19
9/29/1995	Fully Litigated	30.9	No	No	9.24	11.00	50.44	09/1994	813.90	Year-end	6

11/9/1995	Settled	(13.5)	Yes	Yes	NA	11.38	NA	06/1994	NA	Year-end	8
11/9/1995	Settled	6.0	No	No	9.73	12.36	45.34	06/1995	81.60	Date Certain	9
11/17/1995	Settled	14.6	No	No	9.24	11.00	47.27	06/1994	NA	Average	8
12/4/1995	Settled	6.6	No	Yes	9.36	11.35	45.39	12/1994	NA	Average	8
12/11/1995	Fully Litigated	9.1	No	Yes	9.16	11.40	48.81	12/1995	800.20	Average	23
12/20/1995	Fully Litigated	(300.5)	Yes	No	9.49	11.60	48.00	12/1996	8,945.60	Average	12
12/27/1995	Fully Litigated	67.5	Yes	No	9.60	12.00	48.27	03/1995	2,495.00	Year-end	5
2/5/1996	Fully Litigated	46.5	No	No	8.05	12.25	29.79	12/1996	3,366.60	Average	15
3/29/1996	Settled	6.4	No	No	NA	10.67	NA	12/1994	NA	Year-end	9
4/8/1996	Fully Litigated	2.3	No	Yes	8.92	11.00	41.06	12/1994	73.10	Average	10
4/11/1996	Fully Litigated	83.9	No	No	10.06	12.59	29.99	12/1995	4,234.20	Date Certain	12
4/11/1996	Fully Litigated	35.2	No	No	10.06	12.59	29.99	12/1995	1,878.30	Date Certain	12
4/24/1996	Settled	(48.5)	No	No	9.67	11.25	38.50	06/1995	NA	Year-end	4
4/30/1996	Settled	16.1	Yes	No	9.33	11.00	51.23	06/1995	NA	Average	6
5/13/1996	Settled	32.6	Yes	Yes	NA	11.00	NA	12/1994	NA	Year-end	7
5/23/1996	Settled	7.6	No	No	9.44	11.25	48.03	06/1995	NA	Average	8
6/25/1996	Settled	8.8	No	Yes	9.49	11.25	48.00	12/1994	NA	Year-end	7
6/27/1996	Settled	(14.1)	Yes	No	NA	11.20	NA	06/1997	NA	Average	11
8/12/1996	Settled	(13.8)	No	Yes	8.79	10.40	46.99	03/1997	NA	Average	14
9/27/1996	Fully Litigated	73.9	No	No	8.21	11.00	41.35	12/1994	2,382.00	Year-end	16
10/16/1996	Settled	(5.0)	Yes	No	8.83	12.25	46.00	03/1995	NA	Average	17
11/5/1996	Settled	4.6	No	No	9.22	11.00	49.61	12/1995	NA	Year-end	3
11/26/1996	Fully Litigated	0.0	No	No	10.10	11.30	55.00	12/1997	449.20	Average	8
12/18/1996	Settled	(15.5)	Yes	Yes	9.42	11.75	45.73	12/1995	179.10	Year-end	2
12/31/1996	Fully Litigated	(19.5)	No	No	8.87	11.50	33.96	12/1995	NA	Year-end	9
1/3/1997	Fully Litigated	0.5	No	No	8.88	10.70	51.00	03/1995	NA	Year-end	15
2/13/1997	Fully Litigated	(7.4)	No	No	10.61	11.80	53.35	12/1997	2,371.10	Average	13
2/20/1997	Fully Litigated	(35.5)	No	No	10.72	11.80	54.80	12/1997	559.50	Average	10
3/31/1997	Fully Litigated	(32.3)	Yes	Yes	8.73	10.02	45.39	06/1995	2,905.40	Year-end	17
4/2/1997	Fully Litigated	6.8	No	Yes	9.34	11.65	49.30	12/1996	223.40	Average	24
4/28/1997	Fully Litigated	3.9	No	Yes	9.27	11.50	49.12	12/1996	228.00	Average	26
4/29/1997	Fully Litigated	(10.6)	No	No	9.46	11.70	52.00	12/1997	802.70	Average	13
7/17/1997	Fully Litigated	4.9	No	No	11.08	12.00	53.01	06/1998	225.30	Average	10
12/12/1997	Settled	(16.9)	Yes	No	6.99	11.00	32.11	12/1995	NA	Year-end	13
12/23/1997	Fully Litigated	0.0	No	No	9.13	11.12	48.58	12/1997	253.29	Average	19
2/2/1998	Fully Litigated	13.2	Yes	No	9.65	12.75	26.72	12/1996	390.70	Average	9
3/2/1998	Fully Litigated	5.6	No	No	9.21	11.25	43.82	03/1997	176.60	Average	8
3/6/1998	Settled	(16.9)	No	No	9.10	10.75	39.59	12/1996	537.60	Year-end	11
3/20/1998	Settled	(8.1)	No	No	NA	10.50	NA	NA	NA	NA	16
4/30/1998	Fully Litigated	160.2	No	Yes	10.46	12.20	53.14	12/1998	2,513.20	Average	7
7/10/1998	Fully Litigated	(122.0)	No	No	9.76	11.40	43.26	06/1996	1,111.30	Year-end	19
9/15/1998	Fully Litigated	7.3	No	No	10.25	11.90	55.00	12/1998	453.00	Average	10
11/30/1998	Settled	(111.5)	No	No	9.57	12.60	50.22	12/1996	913.90	Year-end	13
12/10/1998	Fully Litigated	8.4	Yes	No	11.24	12.20	53.35	12/1999	246.60	Average	7
12/17/1998	Fully Litigated	26.9	Yes	No	10.79	12.10	54.22	12/1999	604.10	Average	8
2/5/1999	Fully Litigated	(231.9)	No	No	8.12	10.30	34.93	12/1997	2,876.80	Average	8
3/4/1999	Fully Litigated	(97.8)	No	Yes	8.84	10.50	47.60	12/1997	2,302.00	Average	25
4/6/1999	Fully Litigated	11.3	No	Yes	8.83	10.94	48.84	12/1999	310.10	Average	15
7/29/1999	Fully Litigated	9.3	No	No	8.98	10.75	37.42	12/1997	360.50	Average	7
9/23/1999	Settled	(5.4)	No	No	6.82	10.75	34.20	06/1998	NA	Year-end	4
11/17/1999	Settled	(11.0)	Yes	No	NA	11.10	NA	NA	NA	NA	23
1/7/2000	Fully Litigated	(33.9)	No	No	8.76	11.50	57.91	12/1998	980.60	Year-end	15
1/7/2000	Fully Litigated	(27.2)	No	No	8.00	11.50	50.14	12/1998	1,245.60	Year-end	14
2/17/2000	Fully Litigated	163.0	Yes	No	8.75	10.60	48.00	12/1999	6,939.40	Average	26
3/28/2000	Fully Litigated	10.6	No	No	8.85	11.25	43.50	12/1998	907.00	Year-end	8
5/24/2000	Fully Litigated	17.0	No	No	9.02	11.00	48.80	12/1998	NA	Average	8
7/18/2000	Fully Litigated	64.0	Yes	Yes	10.52	12.20	53.45	12/2000	2,709.60	Average	10
9/29/2000	Fully Litigated	(2.8)	No	No	9.03	11.16	42.00	12/1998	533.30	Average	11
11/28/2000	Fully Litigated	7.5	Yes	No	10.85	12.90	50.69	12/2001	296.40	Average	7
11/30/2000	Fully Litigated	27.2	No	No	10.28	12.10	54.28	12/2001	714.00	Average	8
1/23/2001	Settled	20.0	No	Yes	NA	11.25	NA	NA	NA	NA	33
2/8/2001	Fully Litigated	8.4	No	Yes	9.14	11.50	49.69	12/2000	249.60	Average	15
5/8/2001	Fully Litigated	16.0	No	Yes	8.46	10.75	43.00	12/1999	579.96	Average	9
6/26/2001	Settled	16.8	No	Yes	NA	11.00	NA	NA	NA	NA	7
7/25/2001	Fully Litigated	25.4	No	No	9.08	11.02	44.14	09/2000	1,057.20	Year-end	8
7/25/2001	Fully Litigated	(41.0)	No	No	9.08	11.02	44.14	09/2000	1,191.30	Year-end	8
7/31/2001	Settled	8.9	No	No	8.90	11.00	49.06	NA	NA	NA	7
8/31/2001	Settled	440.0	No	No	9.08	10.50	52.16	12/2002	NA	Average	11
9/7/2001	Settled	64.4	No	No	8.61	10.75	46.30	12/2001	2,393.70	Average	10
9/10/2001	Fully Litigated	40.5	No	Yes	8.87	11.00	47.60	12/1999	NA	Average	8
9/20/2001	Fully Litigated	17.1	No	No	8.75	10.00	37.76	12/2000	531.40	Year-end	10
10/24/2001	Settled	(2.0)	Yes	No	7.53	10.30	47.00	06/2002	380.20	Average	14
11/28/2001	Settled	(151.9)	Yes	No	NA	10.60	NA	NA	NA	NA	10
12/3/2001	Fully Litigated	39.0	No	No	9.90	12.88	53.68	12/2002	731.70	Average	4
12/20/2001	Fully Litigated	(117.7)	No	No	9.71	12.50	51.67	12/2002	NA	NA	5
1/22/2002	Settled	4.2	No	No	7.35	10.00	NA	12/2000	NA	Year-end	6
3/27/2002	Fully Litigated	(40.2)	No	No	8.37	10.10	42.59	05/2001	2,087.80	Year-end	5
4/22/2002	Fully Litigated	(4.3)	No	No	10.24	11.80	48.87	12/2001	128.90	Average	7
5/28/2002	Fully Litigated	(13.7)	No	No	8.61	10.17	39.19	07/2001	973.70	Year-end	5
6/10/2002	Fully Litigated	53.2	No	No	7.92	12.00	41.02	05/2003	1,199.70	Average	9
6/18/2002	Settled	45.7	No	Yes	NA	11.16	42.00	NA	NA	NA	6
6/20/2002	Settled	59.0	No	Yes	8.76	11.00	40.00	NA	NA	NA	6
6/20/2002	Fully Litigated	58.6	No	Yes	10.23	12.30	54.99	12/2002	793.70	Average	14
7/15/2002	Fully Litigated	4.8	No	No	6.43	11.00	50.00	07/2003	NA	Average	8
9/12/2002	Fully Litigated	60.1	No	Yes	10.02	12.30	44.67	12/2002	840.40	Average	13
9/26/2002	Fully Litigated	(30.9)	No	No	8.41	10.45	47.00	12/2000	757.70	Average	10
12/4/2002	Settled	(25.0)	No	No	9.12	11.55	56.00	09/2001	1,560.60	Year-end	16
12/13/2002	Settled	48.2	No	No	9.09	11.75	44.99	12/2003	1,174.90	Average	3
12/20/2002	Settled	4.9	No	No	8.59	11.40	NA	12/2003	NA	NA	4
1/8/2003	Settled	(22.1)	No	No	NA	11.10	NA	NA	NA	NA	19
1/31/2003	Fully Litigated	70.7	No	No	9.94	12.45	52.18	03/2002	3,174.80	Year-end	5
2/28/2003	Fully Litigated	20.3	No	No	10.17	12.30	55.42	12/2003	280.90	Average	10
3/6/2003	Fully Litigated	8.7	No	No	8.45	10.75	45.70	09/2001	888.00	Year-end	10
3/7/2003	Fully Litigated	(15.6)	No	No	8.11	9.96	41.40	06/2003	1,130.00	Average	12
3/20/2003	Fully Litigated	21.4	No	No	9.61	12.00	55.00	12/2003	810.00	Average	11
4/3/2003	Fully Litigated	77.1	No	No	10.22	12.00	51.72	12/2003	894.10	Average	11
4/15/2003	Fully Litigated	25.8	No	Yes	9.08	11.15	47.20	12/2001	1,394.20	Average	12
6/25/2003	Settled	16.0	No	No	9.07	10.75	47.50	06/2002	110.00	Average	8
6/26/2003	Settled	(21.1)	No	No	9.08	10.75	51.40	12/2001	2,770.50	Average	13
7/9/2003	Settled	159.5	No	No	8.18	9.75	41.45	12/2002	3,092.00	Year-end	13
7/16/2003	Fully Litigated	(7.2)	No	No	8.02	9.75	46.00	04/2003	112.30	Year-end	9
7/25/2003	Settled	(222.7)	No	No	8.38	9.50	46.00	12/2002	2,016.30	Year-end	11
8/26/2003	Settled	8.5	No	No	8.28	10.50	46.00	03/2004	2,109.00	Average	5
12/17/2003	Fully Litigated	70.5	Yes	No	8.19	9.85	47.22	12/2002	NA	Year-end	4
12/17/2003	Settled	65.0	No	No	8.43	10.70	47.04	03/2003	NA	Average	4

12/18/2003	Settled	1.0	No	No	10.02	11.50	50.32	12/2003	NA	NA	6
12/19/2003	Fully Litigated	14.5	No	No	10.23	12.00	60.27	12/2004	920.10	Average	9
12/19/2003	Fully Litigated	59.4	No	No	9.91	12.00	56.00	12/2004	846.20	Average	8
12/23/2003	Settled	NA	Yes	No	NA	10.50	NA	NA	NA	NA	8
1/13/2004	Fully Litigated	11.7	No	No	10.11	12.00	55.91	12/2004	292.50	Average	7
3/2/2004	Fully Litigated	22.9	No	No	8.42	10.75	44.95	09/2002	899.00	Year-end	9
3/26/2004	Fully Litigated	48.0	No	No	9.03	10.25	33.97	05/2003	2,257.10	Year-end	5
4/5/2004	Fully Litigated	0.6	No	Yes	9.17	11.25	47.15	12/2002	107.70	Average	10
5/18/2004	Fully Litigated	107.3	No	No	7.30	10.50	44.44	09/2002	3,662.40	Year-end	16
5/25/2004	Fully Litigated	39.5	No	No	7.85	10.25	45.97	12/2003	1,519.90	Average	7
5/27/2004	Settled	46.7	No	No	9.26	10.25	35.77	07/2003	1,121.00	Year-end	5
6/2/2004	Settled	274.0	No	No	9.24	11.22	48.00	12/2003	9,321.00	Average	19
6/30/2004	Settled	46.1	No	No	6.48	10.50	51.58	09/2003	1,400.60	Year-end	6
6/30/2004	Settled	43.4	No	No	6.69	10.50	48.60	09/2003	1,506.10	Year-end	6
7/16/2004	Fully Litigated	73.0	No	No	9.39	11.60	48.00	12/2003	7,756.00	Average	26
8/25/2004	Settled	8.2	No	No	8.76	10.25	47.50	08/2003	122.50	Average	8
9/9/2004	Fully Litigated	24.7	No	No	9.25	10.40	42.59	12/2002	424.10	Average	7
11/9/2004	Settled	(10.2)	No	No	8.89	10.50	50.00	NA	NA	NA	4
11/23/2004	Fully Litigated	373.7	No	Yes	7.24	11.00	38.08	12/2004	7,124.00	Average	17
12/14/2004	Settled	106.7	No	Yes	8.83	10.97	47.89	12/2003	1,974.90	Average	9
12/21/2004	Settled	194.1	No	No	NA	11.25	NA	07/2005	NA	NA	5
12/21/2004	Fully Litigated	60.7	No	No	11.57	11.50	57.35	12/2005	840.90	Average	8
12/22/2004	Fully Litigated	194.3	No	No	8.43	10.70	46.87	12/2004	1,836.90	Year-end	8
12/22/2004	Fully Litigated	27.4	No	No	9.92	11.50	57.64	12/2005	301.40	Average	7
12/29/2004	Settled	9.0	Yes	No	NA	9.85	NA	NA	NA	NA	1
1/6/2005	Settled	41.4	No	No	8.64	10.70	50.31	03/2004	3,618.40	Year-end	6
2/18/2005	Fully Litigated	56.6	No	No	8.40	10.30	43.00	09/2003	2,544.70	Average	10
2/25/2005	Settled	51.0	No	No	8.37	10.50	47.80	03/2006	NA	NA	6
3/10/2005	Fully Litigated	25.7	No	No	9.18	11.00	49.14	12/2003	609.90	Year-end	10
3/24/2005	Settled	104.6	Yes	No	8.08	10.30	48.00	03/2006	9,280.70	Average	10
4/4/2005	Fully Litigated	(7.2)	No	No	8.14	10.00	55.53	12/2003	236.40	Average	8
4/7/2005	Settled	75.5	No	No	7.80	10.25	45.00	12/2002	3,800.00	Year-end	21
5/18/2005	Settled	0.0	No	Yes	8.76	10.25	48.73	12/2002	NA	Average	16
5/25/2005	Settled	9.6	No	No	NA	10.75	NA	NA	NA	NA	5
5/26/2005	Settled	(0.3)	No	No	8.14	9.75	46.22	12/2002	654.90	Year-end	28
6/1/2005	Settled	51.1	No	No	8.50	9.75	46.00	12/2002	2,079.50	Year-end	10
7/19/2005	Fully Litigated	18.6	No	No	10.21	11.50	61.75	06/2006	964.00	Average	10
8/5/2005	Fully Litigated	(1.3)	No	No	6.17	11.75	25.00	09/2003	126.30	Year-end	17
8/15/2005	Settled	(8.8)	No	No	7.48	10.13	40.00	06/2003	1,333.40	Year-end	21
9/28/2005	Settled	25.9	No	No	8.06	10.00	47.56	12/2006	2,175.70	Average	10
10/4/2005	Settled	2.8	No	No	8.13	10.75	49.80	05/2004	47.17	Year-end	5
12/12/2005	Fully Litigated	35.9	No	No	9.37	11.00	56.65	12/2006	328.90	Average	7
12/13/2005	Fully Litigated	42.3	No	No	8.66	10.75	55.69	12/2004	1,711.40	Year-end	6
12/21/2005	Settled	51.5	No	No	8.24	10.29	47.53	06/2005	840.00	Date Certain	10
12/21/2005	Settled	22.1	No	No	9.11	10.40	40.00	12/2004	NA	Average	8
12/22/2005	Fully Litigated	79.9	No	No	12.06	11.00	59.73	12/2006	755.20	Average	8
12/22/2005	Fully Litigated	177.4	No	No	6.78	11.15	36.31	12/2003	4,838.30	Average	12
12/28/2005	Fully Litigated	24.2	No	No	7.89	10.00	44.59	12/2004	1,022.20	Year-end	8
12/28/2005	Fully Litigated	(21.2)	No	No	7.89	10.00	44.59	12/2004	1,200.90	Year-end	8
1/5/2006	Fully Litigated	43.4	No	No	9.97	11.00	53.66	12/2006	551.00	Average	7
1/27/2006	Fully Litigated	14.3	Yes	No	6.88	9.75	48.00	12/2004	402.80	Average	6
3/3/2006	Settled	1.2	No	Yes	8.58	10.39	49.10	12/2004	135.80	Average	9
4/17/2006	Fully Litigated	0.0	No	No	8.10	10.20	46.00	09/2004	NA	NA	11
4/26/2006	Fully Litigated	(14.0)	No	No	8.96	10.60	40.76	05/2005	1,066.70	Year-end	6
5/17/2006	Fully Litigated	133.9	Yes	No	8.77	11.60	48.00	12/2006	9,112.90	Average	17
6/6/2006	Fully Litigated	(11.1)	No	No	7.17	10.00	47.72	03/2005	414.70	Average	9
6/27/2006	Settled	3.8	No	No	7.75	10.75	47.12	12/2006	NA	NA	5
7/6/2006	Settled	1.8	No	No	8.45	10.20	50.00	12/2005	NA	NA	3
7/24/2006	Settled	17.9	Yes	No	7.05	9.60	45.00	03/2006	544.00	Average	12
7/26/2006	Settled	43.7	Yes	No	7.60	10.50	NA	12/2004	1,657.50	Average	11
7/28/2006	Fully Litigated	82.6	No	No	8.01	10.05	42.86	12/2004	5,521.40	Year-end	11
8/23/2006	Fully Litigated	(36.3)	No	No	7.18	9.55	41.60	12/2007	1,459.90	Average	10
9/1/2006	Fully Litigated	131.5	No	Yes	8.81	10.54	51.67	12/2006	3,240.60	Average	10
9/14/2006	Settled	43.0	No	No	8.16	10.00	50.00	12/2007	2,301.30	Average	6
10/6/2006	Settled	2.3	Yes	No	8.70	9.67	43.10	06/2005	96.00	Year-end	11
11/21/2006	Fully Litigated	84.0	No	No	8.33	10.08	51.56	12/2004	1,206.70	Year-end	10
11/21/2006	Fully Litigated	(8.0)	No	No	8.06	10.08	48.92	12/2004	418.40	Year-end	10
11/21/2006	Fully Litigated	20.7	No	No	7.94	10.12	45.57	12/2004	262.90	Year-end	10
12/1/2006	Settled	115.0	Yes	No	NA	10.25	NA	NA	NA	NA	8
12/1/2006	Settled	107.0	No	No	8.85	10.50	60.00	NA	NA	NA	7
12/7/2006	Settled	10.8	No	No	8.55	10.75	55.57	12/2005	300.70	Average	6
12/21/2006	Fully Litigated	29.4	No	No	9.10	10.90	50.80	12/2005	620.00	Year-end	10
12/21/2006	Fully Litigated	50.6	No	No	8.89	11.25	53.69	12/2005	1,269.57	Year-end	10
12/22/2006	Settled	19.0	Yes	No	8.65	10.25	52.76	12/2005	227.50	Average	8
1/5/2007	Settled	5.4	No	No	5.36	10.00	32.33	12/2005	293.60	Year-end	5
1/11/2007	Fully Litigated	58.7	No	No	7.52	10.10	49.00	12/2006	968.50	Year-end	9
1/11/2007	Fully Litigated	50.2	No	No	7.92	10.10	49.00	12/2006	1,067.70	Year-end	9
1/11/2007	Fully Litigated	56.7	No	No	12.93	10.90	57.46	12/2007	844.50	Average	9
1/12/2007	Fully Litigated	20.5	No	No	8.29	10.10	50.00	12/2007	2,008.70	Average	10
1/13/2007	Fully Litigated	(22.8)	No	No	8.40	10.40	44.00	09/2005	2,977.32	Average	11
1/19/2007	Fully Litigated	36.2	No	No	9.27	10.80	54.13	12/2007	1,051.50	Average	10
3/21/2007	Settled	192.2	Yes	No	8.79	11.35	52.00	12/2007	10,354.30	Average	15
3/22/2007	Settled	6.4	No	No	7.83	9.75	46.51	12/2006	131.00	Year-end	8
5/15/2007	Fully Litigated	24.0	No	Yes	7.36	10.00	41.11	12/2005	2,021.70	Year-end	12
5/17/2007	Fully Litigated	13.6	No	No	8.93	10.25	48.17	12/2005	186.80	Year-end	10
5/17/2007	Fully Litigated	45.2	No	No	8.39	10.25	48.17	12/2005	918.48	Year-end	10
5/22/2007	Fully Litigated	41.8	No	No	7.94	10.20	52.22	06/2006	5,637.40	Year-end	10
5/22/2007	Fully Litigated	(6.2)	No	No	8.44	10.50	46.07	12/2005	1,178.87	Average	10
5/23/2007	Fully Litigated	120.5	No	No	9.06	10.70	47.29	06/2006	3,296.50	Year-end	6
5/25/2007	Settled	50.1	Yes	Yes	7.55	9.67	47.66	12/2005	668.30	Average	12
6/15/2007	Fully Litigated	(5.1)	No	No	5.58	9.90	32.19	06/2006	3,693.20	Year-end	10
6/21/2007	Fully Litigated	14.4	No	No	8.06	10.20	46.00	03/2006	526.54	Average	8
6/22/2007	Settled	85.5	Yes	No	7.67	10.50	42.88	12/2006	1,817.40	Average	3
6/28/2007	Fully Litigated	321.7	No	Yes	8.32	10.75	54.50	09/2005	4,403.50	Year-end	20
7/12/2007	Settled	(2.2)	Yes	No	8.61	9.67	50.00	NA	NA	NA	11
7/19/2007	Fully Litigated	14.9	No	No	7.68	10.00	48.63	09/2006	267.30	Average	8
7/19/2007	Fully Litigated	10.6	No	No	7.99	10.00	47.69	09/2006	895.50	Average	8
8/15/2007	Settled	67.3	No	No	7.32	10.40	47.05	03/2006	1,043.72	Year-end	11
10/9/2007	Fully Litigated	9.8	No	Yes	8.01	10.00	46.02	06/2006	1,117.23	Year-end	10
10/17/2007	Fully Litigated	0.0	No	No	7.56	9.10	47.54	06/2008	436.67	Average	10
10/31/2007	Fully Litigated	12.0	No	No	7.88	9.96	40.00	06/2008	68.06	Year-end	9
11/29/2007	Settled	6.7	No	No	8.84	10.90	54.00	09/2006	249.45	Year-end	9
12/6/2007	Fully Litigated	35.3	No	No	8.68	10.75	57.62	12/2006	1,300.00	Year-end	10
12/13/2007	Fully Litigated	40.8	No	No	7.50	9.96	40.00	06/2006	1,566.50	Year-end	13
12/14/2007	Settled	76.9	No	No	8.62	10.70	53.32	03/2007	3,943.90	Year-end	6

12/14/2007	Fully Litigated	16.2	No	No	9.08	10.80	57.36	12/2008	421.10	Average	7
12/19/2007	Settled	30.2	No	No	8.20	10.20	46.00	12/2006	895.90	Average	7
12/20/2007	Settled	1.1	No	No	8.60	10.20	NA	NA	NA	NA	11
12/20/2007	Settled	(286.9)	No	No	8.57	11.00	53.00	12/2006	7,833.05	Year-end	6
12/28/2007	Settled	11.5	No	No	8.27	10.25	50.40	12/2006	NA	NA	6
12/31/2007	Settled	99.7	Yes	No	NA	11.25	NA	07/2008	NA	NA	6
1/8/2008	Fully Litigated	39.4	No	No	9.67	10.75	52.51	12/2008	552.10	Average	7
1/17/2008	Fully Litigated	148.4	Yes	No	9.26	10.75	54.36	12/2008	3,018.47	Average	8
1/28/2008	Fully Litigated	98.0	Yes	No	7.72	9.40	48.99	12/2006	2,438.37	Year-end	6
1/30/2008	Fully Litigated	28.3	No	No	7.96	10.00	46.55	02/2007	978.29	Average	13
1/31/2008	Settled	6.4	No	No	8.50	10.71	50.02	12/2006	343.88	Average	8
2/29/2008	Fully Litigated	2.1	No	No	8.38	10.25	42.80	12/2006	50.49	Year-end	6
3/12/2008	Settled	23.0	No	No	8.29	10.25	50.80	08/2008	NA	NA	8
3/25/2008	Fully Litigated	425.3	No	No	7.34	9.10	47.98	03/2009	12,586.86	Average	10
4/22/2008	Settled	4.1	Yes	Yes	8.58	10.25	50.67	12/2006	NA	NA	9
4/24/2008	Fully Litigated	34.4	No	No	8.24	10.10	51.37	09/2006	1,191.64	Year-end	14
5/1/2008	Settled	44.9	No	Yes	8.66	10.70	55.79	12/2005	1,060.40	Average	42
5/19/2008	Fully Litigated	3.9	No	Yes	7.64	11.00	38.99	12/2008	40.21	Average	8
5/27/2008	Fully Litigated	4.0	No	No	9.02	10.00	48.85	06/2006	130.74	Year-end	17
6/10/2008	Fully Litigated	221.0	No	No	6.93	10.70	41.75	12/2008	5,013.90	Average	14
6/27/2008	Settled	106.1	Yes	No	7.65	10.50	41.54	12/2007	1,972.00	Average	3
6/27/2008	Fully Litigated	87.1	No	No	8.60	11.04	43.49	06/2007	1,524.32	Year-end	6
7/10/2008	Fully Litigated	3.8	No	Yes	8.33	10.43	50.00	12/2006	204.89	Average	9
7/16/2008	Settled	15.6	Yes	No	7.69	9.40	48.00	06/2009	504.00	Average	11
7/30/2008	Fully Litigated	22.0	No	No	8.92	10.80	50.78	06/2007	704.00	Year-end	10
7/31/2008	Settled	131.0	Yes	No	8.23	10.70	49.00	12/2008	2,938.20	Average	20
8/11/2008	Fully Litigated	36.2	No	No	8.29	10.25	50.40	12/2008	4,129.29	Average	7
8/26/2008	Fully Litigated	13.1	No	No	8.27	10.18	51.23	12/2006	284.33	Year-end	13
9/10/2008	Settled	273.6	No	No	8.36	10.30	45.04	12/2006	6,694.04	Year-end	10
9/24/2008	Fully Litigated	(2.8)	No	No	8.01	10.65	46.50	12/2006	240.63	Year-end	10
9/24/2008	Fully Litigated	22.0	No	No	8.20	10.65	47.91	12/2006	443.74	Year-end	10
9/24/2008	Fully Litigated	103.9	No	No	8.68	10.65	51.76	12/2006	1,254.46	Year-end	10
9/30/2008	Settled	23.2	No	No	8.45	10.20	47.94	12/2007	530.29	Average	6
10/8/2008	Settled	130.3	No	No	8.25	10.15	46.00	09/2007	3,303.57	Average	10
11/13/2008	Settled	7.2	No	No	NA	10.55	NA	NA	NA	NA	9
11/17/2008	Settled	167.9	No	Yes	7.69	10.20	NA	12/2007	NA	NA	5
12/1/2008	Settled	136.8	No	No	8.03	10.25	42.50	12/2006	1,020.21	Year-end	17
12/23/2008	Fully Litigated	83.6	No	No	7.16	11.00	40.68	12/2009	9,042.78	Average	20
12/29/2008	Fully Litigated	120.0	No	No	8.28	10.00	50.00	12/2009	2,278.33	Average	10
12/29/2008	Settled	32.5	No	No	8.22	10.20	46.30	12/2007	939.31	Average	10
12/31/2008	Settled	12.8	No	Yes	8.80	10.75	51.77	12/2008	244.00	Average	13
1/14/2009	Fully Litigated	59.3	No	No	8.31	10.50	44.10	02/2008	1,467.29	Year-end	6
1/21/2009	Fully Litigated	68.9	No	No	8.48	10.50	49.00	02/2008	1,251.25	Date Certain	19
1/21/2009	Fully Litigated	29.2	No	No	8.48	10.50	49.00	02/2008	983.57	Date Certain	19
1/21/2009	Fully Litigated	38.5	No	No	8.48	10.50	49.00	02/2008	413.97	Date Certain	19
1/27/2009	Fully Litigated	161.7	No	No	8.34	10.76	52.01	03/2008	5,786.79	Year-end	9
1/30/2009	Fully Litigated	27.0	No	No	8.18	10.50	49.27	12/2008	2,094.10	Year-end	7
2/4/2009	Fully Litigated	6.1	Yes	No	7.59	8.75	50.00	12/2007	498.70	Average	6
3/4/2009	Settled	19.1	No	No	7.62	10.50	45.80	09/2007	2,000.89	Year-end	13
3/12/2009	Fully Litigated	308.1	Yes	No	8.75	11.50	48.00	12/2009	12,766.52	Average	15
4/2/2009	Settled	(24.7)	No	No	NA	11.10	NA	12/2008	NA	Year-end	8
4/21/2009	Settled	45.0	No	No	8.36	10.61	51.00	12/2009	NA	Average	9
4/24/2009	Fully Litigated	523.4	No	No	7.79	10.00	48.00	03/2010	14,097.32	Average	11
4/30/2009	Fully Litigated	139.3	Yes	No	8.29	11.25	47.49	12/2009	3,569.00	Average	8
5/4/2009	Fully Litigated	20.4	No	Yes	8.45	10.74	54.79	06/2009	703.00	Average	12
5/20/2009	Settled	13.3	Yes	No	6.43	10.25	36.04	12/2007	358.66	Year-end	8
5/28/2009	Settled	77.1	No	No	8.77	10.50	50.47	03/2008	1,489.00	Year-end	8
6/22/2009	Fully Litigated	39.6	No	No	7.28	10.00	47.00	06/2010	674.36	Average	10
6/24/2009	Fully Litigated	222.7	No	No	8.66	10.80	44.15	06/2008	4,680.90	Year-end	6
7/8/2009	Settled	55.3	No	No	8.61	10.63	51.59	12/2008	963.79	Date Certain	11
7/17/2009	Settled	12.5	No	No	8.55	10.50	50.00	09/2008	576.29	Average	5
8/21/2009	Settled	12.7	No	No	9.76	10.25	40.00	03/2008	430.22	Year-end	11
8/31/2009	Fully Litigated	115.1	No	No	8.28	10.25	40.00	12/2007	7,073.73	Year-end	14
10/14/2009	Settled	173.3	No	No	8.52	10.70	51.00	06/2009	1,936.70	Average	15
10/23/2009	Fully Litigated	91.4	No	Yes	8.83	10.88	52.47	12/2009	4,070.42	Average	11
11/2/2009	Fully Litigated	134.4	No	Yes	6.98	10.70	40.51	12/2009	6,102.71	Average	11
11/3/2009	Settled	5.5	No	No	8.51	10.70	43.71	12/2009	141.46	Average	15
11/24/2009	Settled	17.8	No	No	6.01	10.25	33.99	12/2008	612.28	Year-end	9
11/25/2009	Settled	3.1	Yes	Yes	8.62	10.75	53.30	12/2007	187.36	Average	12
11/30/2009	Fully Litigated	42.2	No	No	8.14	10.35	49.99	12/2008	1,420.37	Year-end	6
12/3/2009	Settled	237.3	Yes	No	8.72	10.50	58.56	12/2008	NA	NA	7
12/7/2009	Settled	315.2	No	No	8.38	10.70	52.50	12/2008	9,533.30	Year-end	6
12/16/2009	Settled	6.5	No	No	7.83	10.90	49.52	12/2010	NA	NA	5
12/16/2009	Settled	344.7	No	Yes	8.58	11.00	53.79	12/2007	5,582.14	Year-end	21
12/18/2009	Fully Litigated	85.8	No	No	8.96	10.40	53.02	12/2010	3,181.90	Average	9
12/18/2009	Fully Litigated	58.6	No	No	9.81	10.40	50.38	12/2010	1,381.21	Average	7
12/22/2009	Fully Litigated	12.1	No	No	8.25	10.20	46.50	09/2008	991.03	Average	11
12/22/2009	Fully Litigated	11.9	No	No	8.67	10.40	55.34	12/2010	420.22	Average	7
12/22/2009	Fully Litigated	6.4	No	No	8.93	10.40	52.30	12/2010	644.03	Average	6
12/30/2009	Fully Litigated	7.5	No	No	7.96	10.00	49.87	12/2008	306.40	Average	7
1/4/2010	Fully Litigated	83.7	No	Yes	8.91	10.80	49.52	12/2008	1,820.88	Average	9
1/11/2010	Fully Litigated	217.4	No	Yes	7.02	11.00	39.48	06/2010	9,172.16	Average	11
1/26/2010	Settled	41.5	No	No	8.08	10.13	51.00	12/2010	2,907.83	Average	9
1/27/2010	Settled	8.6	No	No	8.49	10.40	50.13	NA	NA	NA	7
1/27/2010	Settled	8.6	No	No	8.49	10.40	50.13	NA	NA	NA	7
1/27/2010	Settled	74.1	No	No	8.41	10.70	53.00	12/2008	3,189.30	Year-end	6
2/9/2010	Fully Litigated	25.8	No	No	7.31	9.80	48.78	12/2008	550.87	Average	8
2/18/2010	Fully Litigated	32.4	No	No	8.34	10.60	51.00	06/2010	4,628.44	Average	8
2/24/2010	Settled	5.0	No	No	8.06	10.18	49.80	12/2009	109.60	Average	6
3/2/2010	Fully Litigated	19.8	No	No	8.01	9.63	46.18	12/2008	1,010.26	Average	9
3/4/2010	Settled	10.6	No	Yes	7.85	10.50	53.62	12/2008	163.60	Average	9
3/5/2010	Settled	126.2	No	Yes	7.88	10.50	46.74	12/2010	6,302.28	Average	11
3/11/2010	Settled	0.0	No	Yes	NA	11.90	NA	12/2008	NA	NA	11
3/17/2010	Settled	75.5	No	No	6.65	10.00	47.00	12/2010	16,787.43	Average	12
3/25/2010	Settled	540.8	Yes	No	7.76	10.15	48.00	03/2011	14,887.00	Average	10
4/2/2010	Fully Litigated	74.1	No	No	8.10	10.10	46.00	12/2008	3,796.61	Average	10
4/27/2010	Fully Litigated	2.7	No	No	8.25	10.00	49.77	12/2008	71.86	Year-end	8
4/29/2010	Fully Litigated	4.9	No	No	8.05	9.90	43.61	12/2008	284.02	Year-end	10
4/29/2010	Fully Litigated	23.7	No	No	8.02	10.06	48.67	12/2008	475.73	Year-end	10
4/29/2010	Fully Litigated	28.2	No	No	8.97	10.26	43.55	12/2008	1,363.79	Year-end	10
5/12/2010	Settled	20.0	No	No	8.69	10.30	49.10	12/2009	761.63	Year-end	9
5/12/2010	Settled	9.8	No	No	8.21	10.30	49.85	12/2009	148.64	Year-end	8
5/28/2010	Fully Litigated	229.6	No	No	8.06	10.10	51.26	03/2009	6,000.00	Year-end	10
5/28/2010	Settled	63.7	No	No	5.04	10.20	29.32	06/2009	3,995.61	Year-end	8
6/7/2010	Settled	73.5	No	No	8.21	10.30	51.20	12/2009	3,750.00	Year-end	12

6/16/2010	Settled	11.8	Yes	No	7.43	10.00	48.00	06/2011	692.91	Average	10
6/28/2010	Settled	57.4	Yes	Yes	7.51	9.67	52.40	NA	NA	NA	12
6/28/2010	Settled	63.7	No	No	NA	10.50	NA	09/2009	NA	Year-end	6
6/30/2010	Fully Litigated	101.9	Yes	No	7.68	9.40	49.20	06/2009	2,790.25	Date Certain	5
7/1/2010	Fully Litigated	23.5	No	Yes	6.99	10.25	47.61	12/2010	324.37	Average	12
7/15/2010	Fully Litigated	61.5	No	Yes	7.85	10.53	41.53	12/2008	2,096.00	Year-end	12
7/15/2010	Settled	101.2	Yes	No	8.56	10.70	52.96	09/2009	4,759.34	Year-end	6
7/30/2010	Settled	13.2	No	Yes	8.67	10.70	54.89	12/2007	382.97	Average	41
8/4/2010	Settled	17.9	No	No	9.32	10.50	52.00	07/2009	NA	NA	7
8/6/2010	Fully Litigated	7.8	No	No	8.18	9.83	48.87	12/2009	906.04	Average	7
8/25/2010	Fully Litigated	(48.9)	No	No	7.29	9.90	49.95	12/2007	2,639.19	Year-end	24
9/3/2010	Settled	4.1	No	No	8.37	10.60	52.20	12/2011	270.78	Average	9
9/14/2010	Settled	77.5	No	Yes	8.62	10.70	55.10	12/2007	1,158.32	Average	45
9/16/2010	Settled	66.8	Yes	No	7.48	10.00	48.00	08/2011	1,565.82	Average	12
9/16/2010	Settled	33.0	Yes	No	8.47	10.00	48.00	08/2011	922.88	Average	12
9/30/2010	Fully Litigated	7.4	No	No	8.28	9.75	45.76	12/2008	168.57	Year-end	17
10/14/2010	Settled	35.7	No	Yes	7.53	10.35	44.14	12/2010	595.44	Average	8
10/28/2010	Settled	24.6	No	Yes	8.33	10.70	51.19	12/2006	357.24	Average	54
11/2/2010	Fully Litigated	67.5	No	Yes	8.18	10.38	54.29	12/2010	1,043.37	Average	12
11/4/2010	Fully Litigated	145.7	No	Yes	6.98	10.70	41.59	06/2011	6,873.41	Average	9
11/19/2010	Settled	29.5	No	No	7.91	10.20	46.50	12/2009	1,056.08	Average	8
11/22/2010	Fully Litigated	21.8	No	No	8.37	10.00	49.66	09/2009	1,781.00	Year-end	11
12/1/2010	Settled	68.0	Yes	Yes	8.52	10.13	NA	06/2009	NA	NA	11
12/6/2010	Fully Litigated	31.0	No	No	8.06	9.86	51.93	07/2010	2,242.80	Average	7
12/9/2010	Settled	7.0	No	Yes	7.92	10.25	48.00	12/2008	632.39	Average	13
12/13/2010	Settled	3.1	No	No	8.22	10.70	51.00	12/2008	591.68	Year-end	10
12/14/2010	Settled	80.0	No	No	8.08	10.13	51.00	12/2011	3,311.41	Average	9
12/15/2010	Fully Litigated	114.0	No	Yes	8.06	10.44	44.24	12/2009	2,389.65	Average	9
12/17/2010	Settled	100.2	No	No	8.03	10.00	50.00	12/2011	3,150.00	Average	10
12/20/2010	Fully Litigated	13.1	No	No	8.06	10.60	44.11	12/2009	1,580.15	Year-end	6
12/21/2010	Settled	8.9	No	No	7.12	10.30	50.42	NA	NA	NA	5
12/27/2010	Fully Litigated	14.4	No	No	7.98	9.90	52.10	12/2009	677.56	Average	7
12/29/2010	Settled	562.3	Yes	No	NA	11.15	NA	NA	NA	NA	6
1/5/2011	Settled	30.3	No	No	8.17	10.15	45.84	02/2010	1,706.27	Year-end	6
1/12/2011	Fully Litigated	8.0	No	No	8.77	10.30	58.06	12/2011	425.09	Average	8
1/13/2011	Fully Litigated	21.0	No	No	7.86	10.30	51.65	12/2011	1,294.00	Average	9
1/18/2011	Fully Litigated	16.4	No	Yes	7.61	10.00	47.52	03/2009	443.26	Average	16
1/20/2011	Fully Litigated	119.3	No	No	6.51	9.30	48.00	12/2011	3,999.50	Average	11
1/20/2011	Settled	8.3	No	No	9.90	10.13	45.00	03/2010	332.13	Year-end	4
1/31/2011	Fully Litigated	16.8	No	No	7.63	9.60	50.70	12/2009	370.44	Year-end	6
2/3/2011	Fully Litigated	14.7	No	No	8.21	10.00	45.00	12/2009	2,398.36	Year-end	7
2/25/2011	Settled	66.4	No	Yes	8.16	10.00	55.81	12/2009	1,250.49	Average	32
3/25/2011	Fully Litigated	33.5	No	No	7.81	9.80	49.10	12/2009	729.00	Average	10
3/30/2011	Settled	119.1	No	No	7.36	10.00	42.20	12/2009	2,428.00	Average	10
4/12/2011	Fully Litigated	34.8	No	No	8.58	10.00	46.30	12/2009	2,035.82	Year-end	10
4/25/2011	Fully Litigated	5.0	No	Yes	8.61	10.74	51.70	12/2009	215.09	Average	12
4/26/2011	Settled	6.6	Yes	Yes	8.39	9.67	45.45	NA	NA	NA	12
4/27/2011	Fully Litigated	28.6	No	No	7.29	10.40	43.46	06/2009	1,295.61	Year-end	16
5/4/2011	Fully Litigated	35.7	No	No	8.41	10.00	46.58	12/2009	1,337.00	Year-end	11
5/4/2011	Fully Litigated	29.8	No	No	8.41	10.00	46.58	12/2009	422.00	Year-end	11
5/24/2011	Fully Litigated	155.7	No	No	8.51	10.50	47.28	12/2009	6,548.59	Year-end	10
6/8/2011	Settled	7.6	No	Yes	8.74	10.75	53.34	12/2010	NA	NA	13
6/16/2011	Fully Litigated	26.6	No	No	7.22	9.20	48.00	06/2012	629.88	Average	10
6/17/2011	Settled	8.8	No	No	5.93	9.95	34.90	12/2009	428.86	Year-end	8
7/13/2011	Fully Litigated	173.2	No	No	8.13	10.20	52.24	03/2010	6,620.00	Year-end	10
8/1/2011	Fully Litigated	3.3	No	No	7.93	9.20	42.88	12/2009	56.33	Year-end	6
8/8/2011	Settled	72.1	No	No	8.41	10.00	51.28	06/2010	1,802.31	Year-end	14
8/11/2011	Settled	117.0	No	No	7.94	10.00	51.90	06/2012	NA	NA	6
8/12/2011	Fully Litigated	8.4	No	Yes	8.11	10.35	47.74	12/2009	125.79	Average	15
8/19/2011	Settled	136.7	Yes	Yes	8.14	10.25	40.00	06/2010	8,098.41	Year-end	7
9/2/2011	Fully Litigated	6.7	No	No	9.38	12.88	53.80	12/2009	110.66	Average	16
9/22/2011	Settled	61.3	No	No	8.00	10.00	52.30	12/2011	1,782.00	Average	10
10/12/2011	Settled	6.6	No	No	7.24	10.30	53.37	12/2010	188.65	Average	6
10/20/2011	Fully Litigated	187.5	No	Yes	6.59	10.50	40.26	03/2012	10,016.05	Average	11
11/30/2011	Fully Litigated	55.1	No	No	7.82	10.90	42.69	12/2010	2,172.00	Year-end	8
11/30/2011	Fully Litigated	0.0	No	No	NA	10.90	NA	12/2010	NA	NA	8
12/14/2011	Settled	0.0	No	No	7.78	10.00	50.64	05/2011	908.00	Date Certain	9
12/14/2011	Settled	0.0	No	No	7.97	10.30	53.79	05/2011	1,003.67	Date Certain	9
12/20/2011	Settled	4.2	No	No	6.25	10.20	45.74	12/2012	NA	NA	5
12/21/2011	Settled	6.9	No	No	6.98	10.20	46.53	06/2010	2,705.91	Year-end	13
12/22/2011	Fully Litigated	10.5	No	No	8.53	9.90	49.10	12/2010	405.75	Average	7
12/22/2011	Fully Litigated	12.2	No	No	8.52	10.40	52.59	12/2012	717.91	Average	6
12/23/2011	Fully Litigated	158.6	No	No	8.17	10.19	44.38	12/2010	5,478.59	Year-end	6
1/25/2012	Settled	92.8	Yes	No	8.10	10.50	53.00	12/2010	3,963.06	Year-end	5
1/27/2012	Settled	368.0	No	No	8.11	10.50	53.00	12/2010	11,097.00	Year-end	7
2/15/2012	Settled	14.6	No	Yes	6.84	10.20	42.07	12/2012	663.29	Average	7
2/23/2012	Settled	1.8	No	No	7.76	9.90	49.90	12/2011	105.10	Average	6
2/27/2012	Fully Litigated	68.1	Yes	Yes	6.39	10.25	38.50	12/2012	1,703.97	Average	7
2/29/2012	Settled	15.7	Yes	Yes	NA	10.40	NA	12/2011	NA	NA	14
3/29/2012	Settled	72.9	Yes	Yes	8.32	10.37	52.56	12/2011	5,653.98	Average	17
4/4/2012	Settled	4.5	No	Yes	8.31	10.00	55.91	12/2010	465.14	Average	28
4/26/2012	Settled	234.4	Yes	No	8.08	10.00	56.00	NA	NA	NA	5
5/2/2012	Settled	4.7	No	Yes	8.15	10.00	56.86	12/2010	387.32	Average	31
5/7/2012	Fully Litigated	63.3	No	No	7.80	9.80	48.00	12/2010	4,853.00	Average	10
5/15/2012	Settled	0.0	No	No	8.33	10.00	53.94	12/2010	5,663.00	Year-end	11
5/29/2012	Fully Litigated	(133.4)	No	No	8.16	10.05	46.17	12/2010	6,187.67	Year-end	6
6/7/2012	Fully Litigated	118.5	No	Yes	6.70	10.30	42.07	09/2012	7,403.53	Average	12
6/14/2012	Settled	19.4	Yes	No	7.61	9.40	48.00	06/2013	671.05	Average	10
6/15/2012	Fully Litigated	0.0	No	No	NA	10.40	49.31	12/2013	2,104.54	Average	1
6/18/2012	Settled	2.7	No	No	7.99	9.60	54.00	08/2011	243.51	Year-end	6
6/19/2012	Fully Litigated	8.0	No	Yes	7.79	9.25	53.04	12/2010	319.53	Average	11
6/26/2012	Fully Litigated	9.2	No	Yes	6.35	10.10	43.51	12/2012	354.89	Average	11
6/29/2012	Settled	43.1	No	Yes	8.11	10.00	56.29	12/2011	1,385.83	Average	23
7/9/2012	Settled	4.3	No	No	NA	10.20	NA	12/2010	NA	Year-end	11
7/16/2012	Settled	50.0	Yes	No	7.67	9.80	52.10	03/2013	1,830.20	Average	7
7/20/2012	Fully Litigated	18.1	No	No	7.96	9.31	50.13	12/2011	1,002.77	Average	7
7/20/2012	Fully Litigated	11.3	No	No	7.56	9.81	50.06	12/2011	400.75	Average	7
9/13/2012	Fully Litigated	27.7	No	No	8.27	9.80	49.92	06/2011	1,677.22	Year-end	9
9/19/2012	Settled	154.0	Yes	No	7.68	9.80	52.10	05/2013	NA	NA	7
9/19/2012	Fully Litigated	(48.1)	No	No	8.86	10.05	51.49	12/2010	2,001.79	Year-end	8
9/26/2012	Fully Litigated	24.0	No	No	8.03	9.50	49.23	09/2011	1,150.00	Average	14
10/12/2012	Settled	14.7	Yes	Yes	6.81	9.60	45.00	03/2012	49.02	Year-end	9
10/23/2012	Settled	44.0	No	No	8.05	9.75	48.33	12/2011	921.85	Year-end	14
10/24/2012	Settled	28.5	No	No	NA	10.30	51.61	12/2013	NA	NA	6
11/9/2012	Fully Litigated	14.9	No	No	9.41	10.30	59.09	12/2013	417.85	Average	7

11/28/2012	Fully Litigated	205.7	Yes	No	9.15	10.40	52.09	12/2013	3,928.42	Average	8
11/29/2012	Settled	23.2	Yes	Yes	7.38	9.75	49.61	12/2011	NA	NA	12
11/29/2012	Settled	12.5	No	No	7.75	9.88	51.50	12/2013	119.18	Average	9
12/5/2012	Fully Litigated	(5.1)	No	No	8.66	9.71	51.00	12/2011	1,973.63	Year-end	7
12/5/2012	Fully Litigated	71.1	No	No	7.99	10.40	50.78	12/2012	2,407.73	Year-end	8
12/12/2012	Fully Litigated	259.6	No	No	7.91	9.80	52.30	09/2011	6,847.00	Year-end	10
12/13/2012	Fully Litigated	33.2	No	No	8.01	9.50	51.82	12/2011	1,798.48	Year-end	7
12/13/2012	Settled	350.0	Yes	No	NA	10.50	NA	12/2013	NA	NA	8
12/14/2012	Fully Litigated	35.5	No	No	8.57	10.40	52.37	12/2013	788.60	Average	6
12/19/2012	Fully Litigated	74.9	No	No	7.54	9.71	42.55	12/2011	6,367.03	Year-end	7
12/19/2012	Settled	97.1	No	No	8.20	10.25	52.18	12/2011	4,842.52	Year-end	5
12/20/2012	Settled	20.9	No	No	7.17	9.50	49.14	12/2011	561.74	Average	7
12/20/2012	Settled	20.7	No	No	7.66	9.80	52.10	12/2013	3,253.92	Average	9
12/20/2012	Settled	51.0	No	No	NA	10.25	NA	03/2012	NA	NA	5
12/20/2012	Settled	33.7	No	No	NA	10.25	NA	03/2012	NA	NA	5
12/20/2012	Fully Litigated	(28.0)	No	No	7.79	10.30	52.00	12/2013	NA	NA	8
12/20/2012	Fully Litigated	(181.2)	No	No	8.06	10.40	52.00	12/2013	NA	NA	8
12/20/2012	Fully Litigated	(217.0)	No	No	7.90	10.45	48.00	12/2013	NA	NA	8
12/21/2012	Fully Litigated	36.4	No	Yes	7.80	10.20	51.00	12/2011	770.10	Year-end	8
12/26/2012	Settled	27.7	Yes	No	7.64	9.80	47.00	12/2011	NA	NA	8
1/9/2013	Settled	67.4	No	No	8.13	9.70	52.30	09/2011	2,052.56	Year-end	10
1/9/2013	Settled	26.2	No	No	8.13	9.70	52.30	09/2011	1,364.00	Year-end	10
1/9/2013	Settled	21.7	No	No	8.13	9.70	52.30	09/2011	465.80	Year-end	10
1/16/2013	Settled	39.5	No	No	7.03	9.60	40.00	06/2012	237.60	Year-end	4
1/16/2013	Settled	43.5	Yes	No	7.15	9.60	40.00	06/2012	283.24	Year-end	4
2/13/2013	Fully Litigated	85.0	No	No	6.97	10.20	42.67	03/2011	2,398.83	Year-end	16
2/22/2013	Fully Litigated	80.6	No	No	7.60	9.75	48.40	09/2012	2,634.93	Average	7
2/27/2013	Settled	107.0	No	No	NA	10.00	NA	12/2011	NA	NA	7
3/14/2013	Settled	43.4	Yes	No	6.50	9.30	48.00	03/2014	4,107.00	Average	10
3/27/2013	Settled	7.8	No	No	7.91	9.80	50.00	06/2012	659.00	Average	5
5/1/2013	Settled	49.0	No	No	7.73	9.84	53.30	12/2012	1,064.51	Date Certain	9
5/15/2013	Settled	89.0	No	Yes	NA	10.30	NA	12/2013	NA	NA	7
5/30/2013	Settled	178.7	Yes	No	7.55	10.20	53.00	03/2012	6,701.45	Year-end	7
5/31/2013	Settled	5.3	No	Yes	7.34	9.00	56.86	12/2012	393.40	Average	22
6/11/2013	Settled	76.2	No	No	7.26	10.00	43.50	12/2011	1,507.06	Year-end	11
6/21/2013	Settled	25.5	No	No	8.04	9.75	48.70	09/2012	1,008.97	Year-end	6
6/25/2013	Settled	52.3	No	No	7.77	9.80	48.00	06/2012	2,621.99	Year-end	4
7/12/2013	Fully Litigated	27.9	No	No	7.63	9.36	48.89	12/2012	1,183.05	Average	7
8/8/2013	Fully Litigated	102.8	No	Yes	7.45	9.83	52.56	12/2013	6,148.36	Average	9
8/14/2013	Fully Litigated	46.1	Yes	No	7.21	9.15	50.00	06/2012	886.88	Average	6
9/11/2013	Settled	118.6	Yes	No	7.89	10.20	53.00	06/2012	4,228.96	Year-end	5
9/11/2013	Settled	70.0	Yes	No	NA	10.25	42.00	12/2014	NA	NA	5
9/24/2013	Settled	234.5	Yes	No	7.88	10.20	53.00	06/2012	11,512.63	Year-end	7
10/3/2013	Fully Litigated	52.4	No	No	7.77	9.65	49.10	12/2011	1,173.93	Year-end	14
11/6/2013	Fully Litigated	9.8	No	No	8.68	10.20	50.14	12/2014	1,462.71	Average	7
11/21/2013	Settled	30.7	No	No	8.40	10.00	52.63	03/2011	NA	NA	7
11/26/2013	Fully Litigated	(7.9)	No	No	NA	10.00	NA	12/2012	NA	NA	8
12/3/2013	Settled	55.0	Yes	No	NA	10.25	NA	12/2014	NA	NA	4
12/4/2013	Fully Litigated	17.0	No	No	7.36	9.50	49.10	06/2012	811.16	Year-end	10
12/5/2013	Fully Litigated	19.5	No	No	8.34	10.20	52.54	12/2014	896.15	Average	6
12/9/2013	Fully Litigated	(44.7)	No	No	7.96	8.72	51.00	12/2012	2,025.88	Year-end	7
12/9/2013	Settled	63.4	No	No	7.65	9.75	50.00	12/2014	3,054.22	Average	9
12/13/2013	Fully Litigated	33.6	No	No	7.49	9.75	51.05	07/2013	2,752.78	Average	7
12/16/2013	Settled	0.0	No	No	NA	9.95	NA	NA	NA	NA	10
12/16/2013	Settled	0.0	No	No	NA	9.95	NA	NA	NA	NA	10
12/16/2013	Fully Litigated	(39.1)	No	No	7.78	10.12	46.94	12/2012	1,487.36	Year-end	6
12/17/2013	Settled	3.2	No	No	7.83	9.50	52.60	06/2012	212.95	Year-end	11
12/17/2013	Settled	466.6	Yes	No	7.71	10.95	50.84	12/2016	NA	NA	5
12/18/2013	Fully Litigated	324.6	No	No	6.94	8.72	45.28	12/2012	6,701.62	Year-end	7
12/18/2013	Settled	23.7	No	No	7.62	9.80	52.10	12/2014	3,324.94	Average	9
12/19/2013	Settled	5.8	No	No	5.80	10.15	NA	12/2014	NA	NA	5
12/30/2013	Fully Litigated	86.0	No	No	4.35	9.50	28.64	12/2012	4,801.79	Year-end	10
2/20/2014	Settled	(76.2)	Yes	No	7.05	9.20	48.00	12/2014	17,322.78	Average	13
2/26/2014	Settled	9.0	Yes	Yes	7.45	9.75	52.56	NA	NA	NA	14
3/17/2014	Settled	9.8	Yes	Yes	7.92	9.55	55.00	12/2012	68.06	Year-end	11
3/26/2014	Fully Litigated	23.4	No	No	7.65	9.40	49.19	12/2012	1,333.48	Average	12
3/26/2014	Fully Litigated	12.7	No	No	8.26	9.96	53.89	12/2014	NA	Average	15
4/2/2014	Fully Litigated	15.1	No	Yes	7.26	9.70	49.22	12/2012	619.57	Average	12
5/16/2014	Settled	18.5	No	Yes	NA	9.80	NA	03/2013	NA	NA	7
5/30/2014	Fully Litigated	5.6	No	No	8.28	9.70	47.78	12/2012	51.90	Year-end	10
6/6/2014	Fully Litigated	0.0	No	No	NA	10.40	50.46	12/2015	2,329.11	Average	1
6/30/2014	Settled	5.3	No	No	NA	9.55	49.00	12/2012	NA	NA	6
7/2/2014	Fully Litigated	8.8	No	No	7.61	9.62	49.18	09/2013	1,293.35	Average	7
7/10/2014	Settled	9.3	Yes	No	NA	9.95	NA	NA	NA	NA	15
7/23/2014	Settled	13.0	No	No	7.83	9.75	50.35	03/2014	172.19	Year-end	7
7/29/2014	Settled	24.3	No	No	7.06	9.45	50.00	12/2012	782.00	Average	15
7/31/2014	Settled	8.4	No	No	7.98	9.90	54.00	06/2013	376.82	Year-end	8
8/20/2014	Settled	19.0	No	No	7.75	9.75	49.83	12/2013	1,162.00	Year-end	5
8/25/2014	Settled	(8.8)	No	No	7.46	9.60	50.00	09/2013	1,164.74	Average	8
8/29/2014	Settled	54.2	Yes	No	7.57	9.80	51.43	06/2015	NA	NA	7
9/11/2014	Settled	87.8	No	No	6.37	9.60	45.00	03/2014	693.86	Year-end	3
9/15/2014	Settled	3.8	No	Yes	NA	10.25	NA	09/2015	NA	NA	4
10/9/2014	Settled	0.0	No	No	8.09	9.80	48.17	12/2013	NA	NA	5
11/6/2014	Fully Litigated	16.4	No	No	7.14	9.56	51.73	12/2012	334.12	Year-end	10
11/6/2014	Fully Litigated	24.6	No	No	8.39	10.20	50.28	12/2015	1,549.92	Average	7
11/14/2014	Fully Litigated	15.4	No	No	8.60	10.20	51.90	12/2015	4,432.94	Average	5
11/26/2014	Fully Litigated	0.0	No	No	6.88	9.70	42.89	12/2013	NA	NA	8
11/26/2014	Fully Litigated	15.4	No	No	7.96	10.20	58.96	12/2015	575.85	Average	7
12/4/2014	Settled	44.3	No	No	7.56	9.68	50.00	12/2015	3,785.42	Year-end	9
12/10/2014	Fully Litigated	200.6	No	No	8.08	9.25	51.00	12/2013	2,260.71	Year-end	7
12/10/2014	Fully Litigated	232.8	No	No	7.06	9.25	45.77	12/2013	7,344.02	Year-end	7
12/11/2014	Settled	177.7	No	No	7.51	10.07	NA	12/2015	2,014.33	Average	6
12/12/2014	Fully Litigated	14.2	No	No	NA	10.20	52.54	12/2015	NA	NA	6
12/17/2014	Fully Litigated	152.7	No	No	7.31	9.17	50.38	12/2013	3,396.54	Average	6
12/18/2014	Fully Litigated	9.2	No	No	7.55	9.83	49.83	12/2013	448.33	Average	7
1/23/2015	Fully Litigated	20.2	No	No	7.41	9.50	51.43	06/2015	2,067.00	Average	10
2/24/2015	Settled	(39.4)	No	Yes	7.55	9.83	56.00	12/2013	NA	Year-end	8
3/18/2015	Fully Litigated	(115.0)	No	No	8.01	9.75	50.00	12/2011	1,830.02	Year-end	27
3/25/2015	Fully Litigated	9.6	No	No	7.30	9.50	49.10	12/2013	818.89	Average	10
3/26/2015	Fully Litigated	149.4	Yes	Yes	7.37	9.72	52.50	12/2014	6,988.29	Average	16
4/23/2015	Settled	4.0	Yes	No	6.01	10.20	NA	12/2015	NA	NA	6
4/29/2015	Fully Litigated	121.5	No	No	7.60	9.53	51.76	03/2014	6,976.28	Year-end	10
5/1/2015	Settled	30.9	No	No	6.11	9.60	40.00	09/2014	446.72	Year-end	4
5/26/2015	Fully Litigated	123.5	No	No	7.38	9.75	47.16	12/2013	3,700.12	Average	11
6/17/2015	Settled	15.3	Yes	No	6.62	9.00	48.00	06/2016	830.09	Average	10

6/17/2015	Settled	0.0	No	No	6.91	9.00	48.00	12/2016	18,282.00	Average	4
9/2/2015	Fully Litigated	89.7	No	No	7.53	9.50	50.09	03/2014	2,580.07	Year-end	10
9/10/2015	Fully Litigated	40.1	No	No	7.44	9.30	50.48	06/2014	2,115.96	Year-end	8
9/25/2015	Settled	71.7	No	No	6.25	9.60	40.00	12/2014	847.33	Year-end	4
10/15/2015	Settled	9.3	Yes	No	7.10	9.00	48.00	10/2016	763.16	Average	11
11/19/2015	Fully Litigated	(7.9)	No	No	8.24	10.00	50.47	12/2016	1,745.69	Average	7
11/19/2015	Fully Litigated	126.4	Yes	Yes	6.18	10.30	41.50	05/2016	9,160.09	Average	11
12/3/2015	Fully Litigated	7.6	No	No	7.81	10.00	52.49	12/2016	1,175.23	Average	6
12/9/2015	Fully Litigated	95.1	No	No	7.65	9.14	50.00	12/2014	2,480.48	Year-end	7
12/9/2015	Fully Litigated	(65.5)	No	No	7.05	9.14	46.25	12/2014	8,276.94	Year-end	7
12/11/2015	Fully Litigated	242.7	No	Yes	5.70	10.30	38.03	06/2016	13,431.97	Average	11
12/15/2015	Settled	70.4	Yes	No	7.51	9.60	50.00	12/2016	4,440.31	Year-end	10
12/17/2015	Fully Litigated	(4.0)	No	No	7.88	9.70	51.00	06/2014	1,394.57	Year-end	12
12/18/2015	Settled	1.7	No	No	7.42	9.50	50.00	12/2014	735.02	Average	6
12/30/2015	Fully Litigated	16.3	No	No	7.41	9.50	51.44	12/2015	2,087.28	Average	10
1/6/2016	Settled	(8.1)	No	No	7.29	9.50	48.50	09/2014	1,315.89	NA	11
2/23/2016	Settled	219.7	No	No	4.52	9.75	28.46	03/2015	NA	NA	10
3/16/2016	Fully Litigated	29.6	No	No	6.51	9.85	37.33	06/2014	1,887.31	Year-end	14
4/29/2016	Fully Litigated	2.1	No	No	8.46	9.80	52.17	12/2014	57.16	Year-end	10
6/3/2016	Fully Litigated	44.1	No	No	7.28	9.75	51.90	11/2015	2,934.73	Average	7
6/8/2016	Fully Litigated	1.1	NA	NA	7.67	9.48	49.29	12/2014	414.46	Year-end	13
6/15/2016	Settled	29.6	Yes	No	6.68	9.00	48.00	04/2017	1,752.85	Average	13
6/15/2016	Settled	3.0	No	No	7.55	9.00	48.00	04/2017	1,146.36	Average	13
7/18/2016	Settled	72.5	No	No	6.74	9.98	47.42	03/2015	3,221.42	Year-end	9
8/9/2016	Settled	8.6	No	No	6.18	9.85	40.25	12/2017	82.75	Average	7
8/18/2016	Fully Litigated	15.1	No	No	7.22	9.50	52.83	12/2014	270.29	Year-end	17
8/24/2016	Settled	45.0	No	No	7.64	9.75	49.48	12/2015	1,205.96	Year-end	5
9/1/2016	Fully Litigated	13.7	Yes	No	7.30	9.50	49.10	06/2015	808.33	Year-end	9
9/8/2016	Fully Litigated	4.6	No	Yes	7.47	10.00	53.49	12/2016	242.34	Average	11
9/28/2016	Fully Litigated	61.2	No	No	7.71	9.58	49.61	09/2016	2,263.00	Average	13
9/30/2016	Fully Litigated	169.7	No	No	7.58	9.90	50.70	06/2015	1,783.12	Year-end	10
11/9/2016	Fully Litigated	(3.3)	No	No	7.89	9.80	57.16	12/2017	570.78	Average	7
11/10/2016	Fully Litigated	14.5	No	Yes	6.94	9.50	44.00	01/2015	2,024.77	Year-end	16
11/15/2016	Fully Litigated	52.5	No	No	7.49	9.55	49.55	12/2015	1,636.94	Average	7
11/18/2016	Settled	9.4	Yes	No	7.91	10.00	52.20	12/2018	2,851.38	Average	6
11/29/2016	Settled	811.0	Yes	No	NA	10.55	NA	12/2018	NA	NA	8
12/1/2016	Settled	8.3	No	No	7.51	10.00	52.50	12/2016	145.66	Average	19
12/6/2016	Fully Litigated	(8.8)	No	No	7.28	8.64	50.00	12/2015	2,555.71	Year-end	7
12/6/2016	Fully Litigated	113.3	No	No	6.71	8.64	45.62	12/2015	8,826.62	Year-end	7
12/7/2016	Settled	56.2	Yes	No	7.21	10.10	53.00	12/2015	1,305.96	Year-end	5
12/12/2016	Settled	80.0	No	No	7.47	9.60	45.00	06/2016	2,217.12	Year-end	7
12/14/2016	Fully Litigated	57.4	Yes	No	7.08	9.10	50.00	12/2015	1,014.14	Average	5
12/19/2016	Fully Litigated	3.0	No	No	7.45	9.00	49.00	12/2014	259.64	Average	9
12/19/2016	Fully Litigated	0.6	No	No	7.43	9.37	52.39	12/2015	414.59	Average	7
12/22/2016	Settled	(2.9)	No	No	6.65	9.60	48.03	12/2015	NA	NA	6
12/22/2016	Settled	34.7	No	Yes	7.37	9.90	51.75	12/2015	1,040.04	Year-end	8
12/28/2016	Settled	6.3	No	No	7.58	9.50	50.00	12/2015	754.00	Average	7
1/18/2017	Settled	2.7	No	No	7.25	9.45	50.99	12/2015	72.21	Year-end	7
1/24/2017	Settled	194.5	Yes	No	6.82	9.00	48.00	12/2017	18,902.00	Average	12
1/31/2017	Fully Litigated	184.3	No	Yes	5.55	10.10	37.49	07/2017	14,243.72	Average	12
2/15/2017	Fully Litigated	38.3	No	No	6.74	9.60	49.10	03/2016	707.25	Average	7
2/22/2017	Settled	1.7	No	No	7.47	9.60	49.70	12/2016	178.73	Year-end	9
2/24/2017	Settled	81.5	No	No	7.04	9.75	50.03	06/2015	2,045.20	Year-end	15
2/28/2017	Fully Litigated	113.3	No	Yes	5.94	10.10	40.75	08/2017	10,159.17	Average	12
3/2/2017	Fully Litigated	12.3	No	Yes	7.51	9.41	52.50	12/2016	487.19	Average	12
3/20/2017	Fully Litigated	8.8	No	Yes	7.69	9.50	53.31	06/2015	4,202.13	Year-end	15
4/4/2017	Settled	62.0	No	No	NA	10.25	NA	12/2017	NA	NA	5
4/12/2017	Settled	3.8	Yes	Yes	7.64	9.40	50.00	12/2015	NA	NA	11
4/20/2017	Settled	4.1	Yes	Yes	8.34	9.50	50.97	12/2015	NA	NA	11
5/3/2017	Fully Litigated	32.5	No	No	7.43	9.50	49.20	12/2015	2,525.95	Year-end	10
5/11/2017	Settled	244.7	Yes	Yes	7.08	9.20	52.50	12/2019	7,202.33	Average	18
5/18/2017	Settled	7.1	No	No	5.42	9.50	36.38	06/2016	506.71	Year-end	8
5/23/2017	Settled	31.5	No	Yes	NA	9.70	NA	12/2015	NA	NA	12
6/16/2017	Settled	7.5	No	Yes	7.36	9.65	51.40	12/2017	NA	Average	8
6/22/2017	Settled	51.6	No	No	NA	9.70	NA	NA	NA	NA	7
6/22/2017	Settled	57.1	No	No	NA	9.70	NA	NA	NA	NA	7
7/24/2017	Fully Litigated	36.9	No	No	7.46	9.50	49.14	03/2016	1,627.94	Average	12
8/15/2017	Settled	362.6	Yes	No	7.85	10.00	55.80	12/2015	NA	Year-end	14
9/22/2017	Settled	43.0	No	No	7.60	9.60	50.47	07/2017	1,316.15	Year-end	5
9/28/2017	Settled	118.1	No	Yes	7.44	9.80	42.50	12/2016	10,991.99	Year-end	6
10/20/2017	Fully Litigated	32.4	No	No	7.43	9.50	50.15	04/2017	1,638.09	Average	7
10/26/2017	Settled	(13.1)	No	No	7.55	10.20	52.00	12/2018	NA	NA	0
10/26/2017	Settled	(120.0)	No	No	7.69	10.25	52.00	12/2018	NA	NA	0
10/26/2017	Settled	(73.0)	No	No	7.61	10.30	48.00	12/2018	NA	NA	0
11/6/2017	Settled	0.0	Yes	No	NA	10.25	NA	NA	NA	NA	1
11/15/2017	Settled	3.4	No	Yes	8.91	11.95	58.18	12/2015	123.03	Average	14
11/30/2017	Fully Litigated	(26.0)	Yes	No	7.33	10.00	53.34	06/2016	2,733.11	Year-end	10
11/30/2017	Fully Litigated	19.7	Yes	No	7.26	10.00	54.51	06/2016	436.42	Year-end	10
12/5/2017	Settled	106.4	No	No	7.60	9.50	48.50	09/2016	5,166.53	Average	10
12/6/2017	Fully Litigated	(16.4)	No	No	7.04	8.40	50.00	12/2016	2,738.55	Year-end	7
12/6/2017	Fully Litigated	99.2	No	No	6.47	8.40	45.89	12/2016	9,661.98	Year-end	7
12/7/2017	Fully Litigated	9.4	No	No	7.56	9.80	51.45	12/2018	1,194.76	Average	7
12/14/2017	Fully Litigated	86.9	No	Yes	7.18	9.60	48.46	06/2016	1,492.17	Year-end	12
12/14/2017	Settled	14.5	No	Yes	7.73	9.65	48.35	09/2016	NA	NA	10
12/18/2017	Settled	15.9	No	No	7.35	9.50	50.00	12/2018	4,506.00	Year-end	9
12/20/2017	Settled	10.3	Yes	No	7.23	9.58	49.61	12/2018	2,363.89	Average	12
12/21/2017	Settled	31.9	No	No	6.87	9.10	48.60	12/2016	1,433.24	Average	8
12/28/2017	Settled	17.4	Yes	No	7.61	9.50	50.00	12/2016	794.99	Year-end	6
12/29/2017	Fully Litigated	(26.4)	No	No	8.00	9.51	49.99	12/2016	4,983.04	Year-end	6
1/18/2018	Settled	12.3	No	No	6.44	9.70	41.68	02/2017	1,191.79	Year-end	6
1/31/2018	Fully Litigated	75.5	No	No	6.88	9.30	48.51	12/2016	2,465.22	Year-end	7
2/2/2018	Settled	130.0	No	Yes	7.49	9.98	49.02	12/2016	4,231.16	Average	10
2/23/2018	Settled	194.0	No	No	7.09	9.90	52.00	12/2016	8,153.33	Year-end	8
3/12/2018	Fully Litigated	12.0	No	Yes	7.06	9.25	53.81	12/2017	2,048.92	Average	16
3/15/2018	Settled	160.0	Yes	No	6.53	9.00	48.00	03/2019	5,260.73	Average	10
3/29/2018	Fully Litigated	72.3	No	Yes	5.89	10.00	40.89	09/2018	10,202.17	Average	12
4/12/2018	Fully Litigated	49.1	No	No	5.76	9.90	36.38	12/2018	984.63	Average	11
4/13/2018	Fully Litigated	8.4	No	No	6.83	9.73	49.25	03/2019	647.81	Average	7
4/18/2018	Settled	124.7	Yes	No	7.09	9.25	53.00	12/2016	3,861.11	Average	4
4/18/2018	Fully Litigated	74.4	No	Yes	5.34	10.00	36.84	10/2018	15,259.41	Average	12
4/26/2018	Fully Litigated	10.8	No	No	7.50	9.50	48.50	12/2016	1,523.13	Average	11
5/30/2018	Settled	153.4	Yes	No	5.51	9.95	35.73	12/2018	4,206.64	Year-end	10
5/31/2018	Settled	(15.0)	No	No	7.03	9.50	50.44	12/2017	NA	NA	4
6/14/2018	Settled	19.7	Yes	No	6.44	8.80	48.00	06/2019	999.48	Average	10
6/22/2018	Settled	(0.6)	No	Yes	7.57	9.50	57.10	12/2017	1,993.36	Average	18

6/22/2018	Settled	(13.0)	No	No	7.35	9.90	52.00	12/2016	13,500.00	Year-end	10
6/28/2018	Fully Litigated	4.5	No	No	7.18	9.35	49.00	12/2016	292.87	Average	8
6/29/2018	Settled	(0.1)	No	Yes	7.80	9.50	56.69	12/2016	481.31	Average	21
8/8/2018	Settled	(24.1)	No	No	7.45	9.53	50.44	12/2017	NA	NA	7
8/21/2018	Settled	(6.9)	No	Yes	6.78	9.70	50.52	12/2017	NA	NA	12
8/24/2018	Settled	28.9	Yes	No	6.97	9.28	50.95	06/2017	734.84	Average	9
9/5/2018	Fully Litigated	12.5	No	No	7.24	9.56	53.97	06/2017	870.33	Year-end	10
9/14/2018	Settled	0.0	No	No	7.08	10.00	52.00	12/2020	3,955.30	Average	3
9/20/2018	Settled	(9.2)	No	No	7.10	9.80	56.06	12/2020	860.54	Average	2
9/26/2018	Settled	7.4	No	Yes	7.64	9.77	52.50	12/2018	364.76	Average	10
9/26/2018	Settled	29.8	No	No	7.27	10.00	47.52	05/2016	643.52	Date Certain	34
9/27/2018	Settled	(50.3)	No	No	7.06	9.30	51.24	06/2017	NA	Year-end	7
10/4/2018	Fully Litigated	3.2	No	No	7.48	9.85	54.02	09/2019	94.85	Year-end	8
10/29/2018	Settled	88.9	No	Yes	6.99	9.60	54.00	06/2018	5,476.00	Year-end	9
10/31/2018	Settled	43.9	No	No	6.59	9.99	39.67	06/2017	3,339.57	Year-end	10
11/1/2018	Fully Litigated	73.7	No	No	6.99	8.69	50.00	12/2017	2,951.88	Year-end	6
12/4/2018	Fully Litigated	(26.1)	No	No	6.52	8.69	47.11	12/2017	10,675.26	Year-end	7
12/13/2018	Settled	(3.9)	No	No	7.07	9.30	49.09	09/2017	NA	NA	7
12/14/2018	Settled	8.6	No	No	7.30	9.50	50.00	12/2019	4,744.71	Year-end	10
12/19/2018	Settled	(19.2)	No	No	7.54	9.84	50.75	03/2017	1,302.47	Date Certain	21
12/20/2018	Settled	22.8	No	No	7.89	9.65	45.00	12/2017	520.30	Year-end	6
12/21/2018	Fully Litigated	23.5	No	No	6.97	9.30	49.85	09/2017	1,557.78	Average	8
1/9/2019	Settled	(24.0)	No	No	NA	10.00	NA	12/2019	NA	Average	8
2/27/2019	Settled	44.2	No	No	7.28	9.75	50.16	12/2017	4,004.98	Average	9
3/13/2019	Settled	70.0	No	No	7.08	9.60	49.94	12/2018	1,494.60	Year-end	6
3/14/2019	Settled	13.4	Yes	No	6.97	9.00	48.00	12/2019	877.79	Average	13
3/14/2019	Settled	46.0	No	No	6.97	9.40	NA	03/2018	NA	NA	5
3/22/2019	Fully Litigated	6.2	No	No	7.15	9.65	52.82	06/2018	461.68	Average	7
4/30/2019	Settled	55.9	No	No	NA	9.73	NA	04/2020	NA	NA	7
4/30/2019	Settled	2.1	No	No	NA	9.73	NA	04/2020	NA	NA	7
5/1/2019	Fully Litigated	106.9	No	No	7.16	9.50	53.00	12/2017	5,445.67	Year-end	5
5/2/2019	Fully Litigated	273.3	No	No	5.48	10.00	37.94	04/2020	17,058.83	Average	10
5/8/2019	Fully Litigated	41.5	No	No	6.99	9.50	53.00	12/2017	1,477.36	Year-end	6
5/14/2019	Fully Litigated	4.8	No	Yes	7.09	8.75	52.92	12/2017	83.50	Average	12
5/16/2019	Settled	12.2	No	Yes	7.43	9.50	57.02	12/2018	454.33	Average	19
5/23/2019	Settled	1.8	No	No	6.91	9.90	NA	12/2019	NA	Average	8
8/12/2019	Fully Litigated	10.3	No	No	7.45	9.60	50.46	01/2019	1,958.40	Average	6
8/29/2019	Fully Litigated	16.7	Yes	No	6.85	9.06	49.46	09/2020	1,622.31	Average	2
9/4/2019	Settled	0.7	Yes	No	7.74	10.00	52.52	12/2020	1,482.79	Average	3
9/30/2019	Fully Litigated	90.1	Yes	No	7.56	9.60	53.49	12/2017	2,151.48	Year-end	10
10/31/2019	Settled	81.3	No	No	7.49	10.00	54.46	12/2020	4,738.61	NA	7
10/31/2019	Settled	38.6	No	No	7.22	10.00	51.96	12/2020	2,569.52	NA	7
11/7/2019	Fully Litigated	(41.8)	No	No	7.09	9.35	50.00	NA	NA	NA	13
11/29/2019	Settled	(7.2)	No	No	7.35	9.50	50.00	12/2018	827.75	Year-end	5
12/4/2019	Fully Litigated	(3.1)	No	No	6.51	8.91	47.97	12/2018	11,355.14	Year-end	8
12/4/2019	Settled	42.7	Yes	No	6.52	9.75	47.86	12/2019	4,115.50	Year-end	13
12/16/2019	Fully Litigated	(3.0)	No	No	6.71	8.91	50.00	12/2018	3,180.74	Year-end	8
12/17/2019	Settled	25.0	No	No	6.94	9.70	NA	07/2019	NA	NA	6
12/17/2019	Fully Litigated	909.0	Yes	No	NA	10.50	56.00	NA	NA	NA	5
12/19/2019	Fully Litigated	NA	No	No	7.55	10.20	52.00	12/2020	NA	NA	8
12/19/2019	Fully Litigated	46.0	No	No	7.81	10.25	52.00	12/2020	NA	NA	8
12/19/2019	Fully Litigated	25.0	No	No	7.68	10.30	52.00	12/2020	NA	NA	8
12/20/2019	Settled	52.8	No	No	4.93	9.45	33.71	12/2018	1,112.52	Year-end	9
12/20/2019	Settled	6.5	No	Yes	6.92	9.65	49.38	NA	NA	NA	14
12/24/2019	Settled	(5.0)	No	No	6.85	9.70	50.92	12/2018	1,818.53	Year-end	6
1/8/2020	Settled	127.0	No	Yes	7.23	10.02	51.00	12/2020	6,126.71	Average	10
1/16/2020	Settled	113.3	Yes	No	6.61	8.80	48.00	12/2020	21,659.54	Average	11
1/22/2020	Settled	12.0	No	No	7.11	9.50	48.32	09/2019	229.88	Year-end	8
1/23/2020	Settled	36.4	No	No	6.08	9.86	46.56	12/2020	1,131.20	Average	7
2/6/2020	Fully Litigated	(5.8)	No	No	NA	10.00	51.96	12/2019	NA	Average	22
2/11/2020	Fully Litigated	292.7	No	No	6.97	9.30	55.61	08/2019	8,138.51	Average	8
2/14/2020	Settled	55.9	No	No	6.51	9.40	42.50	12/2018	6,266.07	Year-end	10
2/19/2020	Fully Litigated	17.4	No	No	6.30	8.25	50.00	06/2018	939.45	Average	16
2/24/2020	Settled	5.0	No	Yes	7.20	9.75	52.00	12/2018	1,131.42	Year-end	11
2/27/2020	Settled	0.7	No	No	6.45	9.40	42.50	12/2018	2,403.99	Year-end	10
3/11/2020	Fully Litigated	77.1	Yes	No	5.61	9.70	37.55	12/2020	4,694.02	Year-end	10
3/25/2020	Settled	28.5	No	No	7.21	9.40	48.50	12/2018	NA	NA	11
4/17/2020	Settled	1.1	No	No	7.99	9.70	52.45	12/2018	72.21	Year-end	4
4/27/2020	Fully Litigated	24.1	No	No	6.41	9.25	48.23	03/2021	881.00	Average	7
5/8/2020	Fully Litigated	188.3	No	No	5.46	9.90	38.32	04/2021	17,885.89	Average	10
5/20/2020	Settled	31.0	No	No	7.19	9.45	54.77	03/2019	1,270.95	Year-end	10
6/29/2020	Fully Litigated	145.9	Yes	No	5.71	9.70	40.98	12/2020	10,195.19	Year-end	12
6/30/2020	Settled	4.2	Yes	Yes	7.60	9.10	52.00	12/2018	NA	Year-end	14
7/1/2020	Settled	1.0	No	No	6.77	9.25	46.00	03/2019	NA	NA	10
7/8/2020	Fully Litigated	59.6	No	No	7.39	9.40	48.50	12/2018	5,433.45	Year-end	12
7/14/2020	Fully Litigated	11.7	No	No	6.84	9.60	50.53	08/2019	844.57	Average	7
7/28/2020	Settled	0.0	No	Yes	7.52	9.50	56.83	12/2019	534.44	Average	19
8/27/2020	Fully Litigated	0.0	No	No	6.43	8.20	49.87	09/2021	1,630.90	Average	2
8/27/2020	Settled	88.0	No	Yes	7.13	9.45	54.62	06/2019	NA	Year-end	12
8/27/2020	Fully Litigated	1.4	No	No	7.63	10.00	52.50	12/2019	NA	Average	21
10/22/2020	Settled	0.0	No	No	7.37	9.50	56.83	NA	NA	NA	14
10/28/2020	Settled	94.0	No	No	7.40	9.60	51.44	06/2020	2,623.04	Year-end	8
11/19/2020	Settled	45.3	Yes	No	6.10	8.80	48.00	03/2021	2,441.22	Year-end	18
11/19/2020	Settled	21.4	Yes	No	6.62	8.80	48.00	03/2021	1,500.90	Average	18
11/24/2020	Fully Litigated	0.0	No	No	NA	9.20	NA	12/2019	NA	NA	7
11/24/2020	Settled	0.0	No	No	6.95	9.80	55.00	12/2021	1,019.08	Average	2
12/9/2020	Fully Litigated	(35.0)	No	No	6.39	8.38	50.00	12/2019	3,413.09	Year-end	7
12/9/2020	Fully Litigated	(13.8)	No	No	6.28	8.38	48.16	12/2019	12,048.96	Year-end	7
12/10/2020	Settled	(93.0)	No	No	7.14	9.40	NA	NA	NA	NA	6
12/14/2020	Settled	(0.2)	No	No	7.17	9.50	49.10	06/2019	NA	NA	12
12/15/2020	Settled	45.0	Yes	Yes	6.87	9.30	54.40	12/2018	NA	Year-end	18
12/16/2020	Fully Litigated	139.9	Yes	No	6.75	9.50	52.00	12/2023	4,315.22	Average	7
12/17/2020	Fully Litigated	90.2	No	No	5.67	9.90	NA	12/2021	11,660.44	Average	9
12/18/2020	Fully Litigated	(20.9)	No	No	7.14	9.50	50.00	12/2021	NA	NA	10
12/22/2020	Fully Litigated	57.9	No	No	7.04	9.15	53.08	12/2018	2,703.68	Year-end	21
12/23/2020	Fully Litigated	0.0	No	No	7.26	10.00	52.53	12/2021	4,167.09	Average	7
12/30/2020	Fully Litigated	31.4	No	No	7.34	9.65	52.50	12/2021	NA	Average	7
1/13/2021	Fully Litigated	52.4	No	No	6.19	9.30	43.25	03/2020	1,314.31	Year-end	6
3/31/2021	Settled	NA	No	Yes	7.04	9.60	52.00	12/2018	NA	Year-end	18
4/16/2021	Settled	308.2	No	Yes	6.92	9.60	52.00	12/2018	10,720.98	Year-end	17
5/4/2021	Settled	195.4	Yes	No	6.14	9.85	44.84	12/2023	NA	Year-end	3
5/18/2021	Fully Litigated	7.0	No	No	7.19	9.50	51.00	12/2021	2,397.81	Average	14
6/4/2021	Fully Litigated	108.6	Yes	No	7.17	9.28	50.68	12/2022	2,472.30	Average	24
6/23/2021	Fully Litigated	(4.3)	No	No	7.18	9.00	49.21	12/2019	463.20	Year-end	13
6/28/2021	Fully Litigated	52.2	Yes	No	7.21	9.55	50.50	03/2024	2,265.51	Average	8

6/30/2021	Settled	106.3	No	No	NA	9.43	NA	06/2022	NA	NA	7
6/30/2021	Settled	72.7	No	No	NA	9.43	NA	06/2022	NA	NA	7
7/14/2021	Settled	41.0	No	No	6.99	9.60	50.21	12/2020	1,770.61	Year-end	7
7/15/2021	Settled	2.6	No	No	5.75	9.38	40.00	06/2020	272.26	Year-end	6
7/21/2021	Settled	61.6	No	No	7.59	9.50	51.62	12/2019	5,753.67	Year-end	11
8/5/2021	Fully Litigated	16.7	No	Yes	6.80	9.60	NA	03/2021	899.99	Average	17
8/18/2021	Settled	27.2	No	Yes	6.97	9.50	52.50	12/2021	664.27	Average	9
8/31/2021	Fully Litigated	28.9	No	No	6.67	8.57	50.42	09/2022	1,663.67	Average	3
9/1/2021	Settled	18.6	Yes	No	7.05	9.40	50.00	12/2019	869.81	Average	7
9/27/2021	Settled	13.6	No	No	7.12	9.40	48.50	NA	1,854.12	Average	11
4/24/1980	Fully Litigated	20.5	No	No	NA	NA	NA	03/1980	NA	NA	9
4/25/1980	Fully Litigated	9.0	No	No	NA	NA	NA	04/1980	NA	Year-end	8
7/29/1980	Fully Litigated	7.0	No	No	NA	NA	NA	03/1980	NA	NA	8
11/19/1980	Fully Litigated	2.4	No	No	NA	NA	NA	12/1979	NA	Average	4
12/22/1980	Fully Litigated	19.0	No	No	9.55	NA	NA	08/1980	NA	Average	3
5/27/1981	Fully Litigated	19.7	No	No	NA	NA	NA	05/1981	NA	NA	8
6/9/1981	Fully Litigated	4.9	No	No	NA	NA	NA	12/1980	NA	Year-end	10
7/13/1981	Fully Litigated	50.0	No	No	NA	NA	NA	06/1981	NA	NA	7
7/31/1981	Fully Litigated	90.0	No	No	NA	NA	NA	NA	NA	NA	4
8/18/1981	Fully Litigated	11.6	No	No	NA	NA	NA	03/1981	NA	NA	8
8/21/1981	Fully Litigated	6.7	No	No	12.48	NA	NA	06/1980	NA	Average	7
10/16/1981	Fully Litigated	186.0	No	No	NA	NA	NA	NA	NA	NA	7
12/3/1981	Fully Litigated	6.7	No	No	NA	NA	NA	02/1982	NA	NA	11
12/18/1981	Settled	78.0	No	No	NA	NA	NA	04/1982	NA	Year-end	3
1/8/1982	Settled	112.0	No	No	NA	NA	NA	03/1982	NA	Year-end	6
1/8/1982	Settled	64.7	No	No	NA	NA	NA	03/1982	NA	Year-end	6
7/30/1982	Settled	48.9	No	No	NA	NA	NA	10/1982	NA	Year-end	5
10/12/1982	Fully Litigated	120.0	No	No	NA	NA	NA	NA	NA	NA	7
5/9/1983	Settled	0.5	No	No	13.20	NA	NA	09/1983	NA	Average	9
7/6/1983	Settled	30.5	No	No	NA	NA	NA	06/1983	NA	NA	7
9/16/1983	Settled	21.0	No	No	NA	NA	NA	12/1983	1,774.80	Year-end	4
9/21/1983	Settled	(13.5)	No	No	NA	NA	NA	12/1983	NA	NA	3
9/22/1983	Settled	4.6	No	No	NA	NA	NA	NA	NA	NA	4
11/23/1983	Settled	74.5	No	No	11.35	NA	NA	NA	NA	NA	8
12/15/1983	Settled	4.0	No	No	NA	NA	NA	12/1982	NA	Year-end	5
1/30/1984	Settled	35.0	No	Yes	NA	NA	NA	05/1984	NA	NA	8
5/29/1984	Fully Litigated	58.5	No	No	10.96	NA	NA	12/1983	2,869.80	Average	6
6/22/1984	Settled	8.2	No	No	NA	NA	NA	09/1984	NA	Year-end	4
7/12/1984	Settled	29.9	Yes	No	NA	NA	NA	12/1983	NA	Average	8
11/16/1984	Settled	(10.0)	Yes	No	NA	NA	NA	NA	NA	NA	0
1/31/1985	Settled	2.2	No	No	NA	NA	NA	12/1983	NA	NA	6
3/5/1985	Fully Litigated	0.0	No	No	NA	NA	NA	06/1984	2,541.20	Average	10
3/5/1985	Fully Litigated	0.0	No	No	NA	NA	NA	06/1984	NA	Average	10
7/30/1985	Fully Litigated	0.0	No	No	NA	NA	NA	NA	NA	NA	2
10/2/1985	Settled	1.4	No	No	NA	NA	NA	12/1984	NA	Average	10
11/19/1985	Settled	383.0	Yes	Yes	NA	NA	NA	06/1984	NA	Average	1
12/12/1985	Fully Litigated	7.0	No	No	NA	NA	NA	NA	NA	NA	2
2/19/1986	Settled	(4.4)	No	No	11.70	NA	NA	06/1985	NA	Year-end	5
3/7/1986	Settled	68.2	No	Yes	14.79	NA	NA	03/1984	1,603.50	Year-end	12
3/25/1986	Settled	60.0	Yes	Yes	NA	NA	NA	06/1984	NA	Average	10
5/1/1986	Fully Litigated	0.0	No	No	NA	NA	NA	06/1985	NA	Average	11
6/2/1986	Settled	9.3	No	No	NA	NA	NA	06/1985	NA	Year-end	5
6/4/1986	Fully Litigated	0.0	No	No	NA	NA	NA	12/1984	NA	Average	8
7/9/1986	Settled	32.4	No	Yes	NA	NA	NA	06/1985	NA	NA	6
8/7/1986	Fully Litigated	0.0	No	No	NA	NA	NA	NA	NA	NA	9
9/12/1986	Fully Litigated	(1.0)	No	No	NA	NA	NA	12/1985	NA	Average	5
10/2/1986	Settled	(5.6)	No	No	10.08	NA	NA	NA	NA	NA	3
10/15/1986	Settled	(80.0)	No	No	NA	NA	NA	12/1985	NA	Year-end	12
11/25/1986	Settled	38.0	No	No	NA	NA	NA	NA	NA	NA	5
11/25/1986	Settled	14.0	No	No	NA	NA	NA	NA	NA	NA	5
1/8/1987	Settled	15.3	Yes	No	NA	NA	NA	NA	NA	NA	6
4/14/1987	Settled	NA	No	No	NA	NA	NA	12/1987	NA	NA	3
9/9/1987	Fully Litigated	0.0	No	No	NA	NA	NA	NA	NA	NA	14
12/30/1988	Settled	7.5	No	No	NA	NA	NA	12/1987	NA	NA	6
1/31/1989	Settled	324.8	Yes	No	NA	NA	NA	11/1988	NA	NA	10
1/31/1989	Settled	135.7	Yes	No	NA	NA	NA	11/1988	NA	NA	10
7/6/1989	Settled	9.5	Yes	No	NA	NA	NA	12/1986	NA	Average	36
9/26/1989	Settled	(11.0)	No	No	NA	NA	NA	12/1988	NA	NA	4
10/31/1989	Settled	NA	No	No	NA	NA	NA	NA	NA	NA	6
12/15/1989	Settled	39.0	No	No	NA	NA	NA	12/1988	NA	NA	7
12/18/1989	Settled	4.4	No	No	NA	NA	NA	12/1988	NA	NA	7
5/29/1990	Settled	13.8	No	No	NA	NA	NA	NA	NA	NA	3
8/6/1990	Fully Litigated	0.0	No	Yes	NA	NA	NA	NA	NA	NA	9
8/31/1990	Fully Litigated	5.7	No	No	NA	NA	NA	NA	NA	NA	8
9/17/1990	Fully Litigated	1.6	No	Yes	NA	NA	NA	12/1989	NA	Average	6
12/19/1990	Settled	120.0	No	No	NA	NA	NA	12/1989	NA	Year-end	7
3/22/1991	Settled	30.0	No	Yes	NA	NA	NA	09/1988	NA	Year-end	24
4/1/1991	Fully Litigated	0.0	No	No	NA	NA	NA	NA	NA	NA	4
7/1/1991	Settled	32.2	No	No	NA	NA	NA	06/1990	NA	Year-end	6
7/3/1991	Settled	(36.0)	No	No	NA	NA	NA	NA	NA	NA	5
9/6/1991	Settled	17.0	No	No	NA	NA	NA	12/1990	NA	Year-end	5
10/11/1991	Settled	71.0	No	No	7.87	NA	NA	06/1990	NA	Year-end	12
12/5/1991	Settled	66.5	No	Yes	8.38	NA	NA	12/1990	NA	Year-end	23
12/30/1991	Settled	5.5	No	No	NA	NA	NA	09/1991	NA	NA	4
6/30/1992	Settled	23.0	Yes	No	NA	NA	NA	NA	NA	NA	6
7/15/1992	Settled	3.3	No	No	9.93	NA	NA	12/1991	65.90	Date Certain	9
10/27/1992	Settled	29.3	Yes	No	NA	NA	NA	NA	NA	NA	4
12/15/1992	Settled	4.2	Yes	No	NA	NA	NA	12/1991	NA	Average	5
12/30/1992	Settled	8.1	No	No	NA	NA	NA	12/1991	NA	Year-end	6
3/26/1993	Settled	7.8	No	No	NA	NA	NA	NA	NA	NA	4
6/18/1993	Settled	4.9	No	No	NA	NA	NA	05/1992	NA	Year-end	10
8/26/1993	Settled	41.1	No	No	NA	NA	NA	05/1992	NA	Date Certain	11
10/5/1993	Settled	24.9	No	Yes	NA	NA	NA	12/1992	NA	Average	11
10/13/1993	Settled	27.0	No	No	NA	NA	NA	06/1993	NA	Average	4
12/23/1993	Fully Litigated	14.4	No	No	NA	NA	NA	12/1992	NA	Average	18
12/29/1993	Settled	(42.5)	No	No	NA	NA	NA	12/1993	NA	Year-end	3
5/27/1994	Settled	(38.3)	No	No	NA	NA	NA	NA	NA	NA	1
6/3/1994	Settled	2.2	No	No	NA	NA	NA	NA	NA	NA	6
7/14/1994	Settled	(6.3)	No	No	NA	NA	NA	NA	NA	NA	6
8/2/1994	Settled	7.4	No	No	NA	NA	NA	NA	NA	NA	8
9/6/1994	Settled	(4.0)	No	No	NA	NA	NA	09/1992	NA	Year-end	6
9/20/1994	Settled	19.6	No	No	NA	NA	NA	12/1993	NA	Average	5
10/6/1994	Settled	17.5	No	No	NA	NA	NA	09/1993	NA	Year-end	6

10/12/1994	Settled	0.0	No	No	NA	NA	NA	01/1994	NA	Year-end	3
10/26/1994	Settled	(15.0)	No	No	NA	NA	NA	NA	NA	NA	2
4/18/1995	Settled	13.9	No	Yes	NA	NA	NA	12/1993	NA	Year-end	7
6/30/1995	Settled	5.7	No	No	NA	NA	NA	09/1994	NA	Average	4
7/10/1995	Settled	20.3	No	No	NA	NA	NA	NA	NA	NA	9
7/21/1995	Settled	(30.0)	No	No	NA	NA	NA	NA	NA	NA	1
8/24/1995	Settled	60.0	Yes	No	NA	NA	NA	NA	NA	NA	10
8/30/1995	Settled	(62.0)	No	No	NA	NA	51.22	12/1993	NA	Year-end	13
8/30/1995	Settled	24.9	No	Yes	NA	NA	NA	06/1993	NA	NA	19
11/3/1995	Settled	1.4	No	No	NA	NA	NA	NA	NA	NA	7
1/10/1996	Settled	(76.0)	Yes	No	NA	NA	NA	12/1995	NA	NA	24
5/24/1996	Fully Litigated	0.0	No	Yes	NA	NA	NA	06/1994	NA	Average	20
7/3/1996	Settled	(20.0)	Yes	No	NA	NA	NA	NA	NA	NA	1
7/10/1996	Settled	26.8	No	No	NA	NA	NA	06/1997	NA	Average	10
7/18/1996	Settled	3.1	No	No	NA	NA	NA	09/1995	NA	Year-end	5
9/24/1996	Fully Litigated	(20.0)	No	No	NA	NA	NA	12/1994	NA	Average	16
11/12/1996	Fully Litigated	(16.5)	No	Yes	NA	NA	NA	12/1995	NA	Average	7
11/29/1996	Settled	(18.0)	Yes	No	NA	NA	NA	06/1995	NA	Year-end	12
12/27/1996	Settled	(5.0)	No	No	NA	NA	NA	12/1995	NA	Average	6
1/15/1997	Fully Litigated	(10.0)	No	No	NA	NA	NA	01/1995	NA	Year-end	17
1/15/1997	Fully Litigated	(65.0)	Yes	No	NA	NA	NA	01/1995	NA	Year-end	17
2/11/1997	Settled	(55.7)	Yes	No	NA	NA	NA	NA	NA	NA	7
6/27/1997	Settled	(23.7)	No	Yes	NA	NA	NA	NA	NA	Average	12
7/16/1997	Settled	13.6	No	No	NA	NA	NA	NA	NA	NA	10
9/24/1997	Fully Litigated	(59.0)	No	No	NA	NA	NA	12/1996	NA	Average	3
10/20/1997	Settled	(35.9)	No	No	NA	NA	NA	06/1996	NA	Year-end	15
11/20/1997	Settled	24.0	No	No	NA	NA	NA	06/1997	NA	Average	3
1/7/1998	Settled	(14.2)	No	No	NA	NA	NA	09/1996	NA	Year-end	4
9/10/1998	Fully Litigated	(36.6)	No	No	NA	NA	NA	12/1995	NA	Average	27
9/24/1998	Settled	(4.6)	No	No	NA	NA	NA	09/1996	NA	Year-end	19
11/5/1998	Settled	(43.4)	Yes	No	NA	NA	NA	12/1996	NA	Average	21
11/30/1998	Settled	19.0	No	No	NA	NA	NA	06/1998	NA	NA	5
11/30/1998	Settled	(6.0)	No	No	NA	NA	NA	12/1997	NA	Year-end	6
12/17/1998	Settled	(14.2)	Yes	No	NA	NA	NA	12/1999	NA	NA	11
12/18/1998	Settled	(286.0)	Yes	No	NA	NA	NA	NA	NA	NA	6
12/28/1998	Fully Litigated	(93.8)	Yes	No	NA	NA	NA	NA	NA	NA	6
2/19/1999	Settled	(6.0)	No	No	NA	NA	NA	12/1996	NA	Year-end	20
4/13/1999	Settled	(15.0)	No	No	NA	NA	NA	NA	NA	NA	2
6/29/1999	Settled	38.0	No	Yes	9.67	NA	NA	06/1998	NA	Year-end	7
8/17/1999	Settled	(2.5)	No	No	NA	NA	NA	NA	NA	NA	8
2/16/2000	Settled	(11.0)	No	No	NA	NA	NA	NA	NA	NA	6
3/22/2000	Settled	0.0	No	No	NA	NA	NA	12/1996	NA	Average	34
6/2/2000	Settled	0.0	No	No	NA	NA	NA	12/1999	NA	Average	12
8/9/2000	Settled	13.1	Yes	No	NA	NA	NA	NA	NA	NA	8
9/25/2000	Settled	13.6	No	No	8.71	NA	NA	12/1998	NA	Average	10
12/21/2001	Settled	0.0	No	No	NA	NA	NA	12/2000	NA	Average	6
1/31/2002	Settled	(16.7)	No	Yes	NA	NA	NA	NA	NA	NA	25
2/21/2002	Settled	(4.3)	No	No	NA	NA	NA	NA	NA	NA	8
2/27/2002	Settled	(205.0)	Yes	No	NA	NA	NA	NA	NA	NA	11
7/25/2002	Settled	(110.0)	No	No	NA	NA	NA	NA	NA	NA	12
9/23/2002	Settled	NA	No	No	NA	NA	NA	NA	NA	NA	20
11/14/2002	Settled	11.0	No	No	NA	NA	NA	NA	NA	NA	8
1/28/2003	Settled	(35.2)	Yes	No	NA	NA	NA	NA	NA	NA	3
5/15/2003	Settled	18.4	No	No	NA	NA	NA	NA	NA	NA	23
4/13/2004	Settled	14.5	No	No	NA	NA	NA	NA	NA	NA	9
4/13/2004	Settled	3.3	No	No	NA	NA	NA	NA	NA	NA	9
5/5/2004	Fully Litigated	59.0	No	No	NA	NA	NA	12/2004	NA	Average	10
5/20/2004	Settled	7.4	Yes	No	NA	NA	NA	04/2005	NA	Average	12
9/2/2004	Settled	13.5	Yes	No	NA	NA	NA	NA	NA	NA	8
9/30/2004	Fully Litigated	0.0	No	No	NA	NA	NA	NA	NA	NA	1
10/27/2004	Settled	15.0	No	No	8.39	NA	NA	NA	NA	NA	10
12/8/2004	Settled	(8.2)	No	No	NA	NA	NA	12/2004	NA	NA	23
3/18/2005	Settled	(12.0)	No	No	NA	NA	NA	12/2003	NA	NA	10
4/28/2005	Settled	0.0	No	No	NA	NA	NA	NA	NA	NA	2
5/2/2005	Settled	(6.9)	No	No	NA	NA	NA	12/2003	NA	Year-end	18
5/18/2005	Fully Litigated	59.7	No	No	NA	NA	NA	12/2005	NA	Average	12
7/22/2005	Settled	5.8	No	No	NA	NA	NA	NA	NA	NA	6
12/9/2005	Settled	2.2	No	No	NA	NA	NA	NA	NA	NA	7
12/30/2005	Settled	30.0	No	No	NA	NA	NA	NA	NA	NA	0
1/25/2006	Fully Litigated	229.7	No	No	NA	NA	NA	12/2006	NA	NA	6
2/23/2006	Settled	22.4	No	No	NA	NA	NA	NA	NA	NA	9
2/23/2006	Settled	3.9	No	No	NA	NA	NA	NA	NA	NA	9
3/14/2006	Settled	41.0	No	No	NA	NA	NA	NA	NA	NA	5
3/24/2006	Settled	25.0	Yes	No	NA	NA	NA	NA	NA	NA	5
5/12/2006	Settled	18.1	No	No	8.10	NA	NA	12/2005	NA	NA	6
8/31/2006	Settled	(78.8)	Yes	No	NA	NA	NA	12/2005	NA	NA	5
9/5/2006	Settled	(57.9)	No	No	NA	NA	NA	12/2005	NA	NA	4
11/30/2006	Settled	117.0	No	No	NA	NA	45.00	12/2006	NA	NA	7
12/4/2006	Settled	29.0	No	No	NA	NA	NA	NA	NA	NA	10
12/14/2006	Settled	4.0	Yes	No	NA	NA	NA	NA	NA	NA	1
12/21/2006	Settled	49.0	No	No	NA	NA	NA	NA	NA	NA	6
12/28/2006	Settled	7.9	No	No	NA	NA	NA	NA	NA	NA	6
5/24/2007	Settled	13.7	No	No	NA	NA	NA	06/2006	NA	NA	6
7/3/2007	Settled	5.5	No	No	NA	NA	NA	12/2005	NA	Year-end	12
7/27/2007	Settled	23.0	No	Yes	NA	NA	NA	09/2005	NA	NA	14
11/20/2007	Settled	28.0	No	No	NA	NA	NA	NA	NA	NA	8
12/6/2007	Settled	55.0	No	No	NA	NA	NA	12/2007	NA	NA	8
2/28/2008	Settled	32.1	No	No	8.10	NA	NA	NA	NA	NA	8
6/30/2008	Settled	0.0	No	No	NA	NA	NA	12/2006	NA	NA	10
7/1/2008	Settled	10.0	No	Yes	NA	NA	NA	NA	NA	NA	11
10/8/2008	Settled	20.4	No	No	8.06	NA	NA	NA	NA	NA	8
12/30/2008	Settled	0.0	No	No	NA	NA	NA	12/2009	NA	NA	10
12/30/2008	Settled	48.0	No	No	NA	NA	53.41	12/2009	NA	NA	9
1/21/2009	Settled	65.0	No	No	NA	NA	NA	NA	NA	NA	7
1/21/2009	Settled	65.0	No	No	NA	NA	NA	NA	NA	NA	7
2/5/2009	Settled	(8.9)	No	No	NA	NA	NA	NA	NA	NA	6
2/5/2009	Settled	(13.2)	No	No	NA	NA	NA	NA	NA	NA	6
3/11/2009	Settled	30.5	No	Yes	NA	NA	NA	03/2007	NA	NA	17
4/16/2009	Settled	4.4	No	No	NA	NA	NA	NA	NA	NA	6
5/20/2009	Settled	18.0	No	No	NA	NA	NA	NA	NA	NA	10
5/27/2009	Settled	112.2	No	No	NA	NA	NA	NA	NA	NA	6
6/2/2009	Settled	57.4	No	Yes	NA	NA	NA	12/2007	NA	NA	11
6/10/2009	Settled	95.0	No	No	NA	NA	NA	12/2007	NA	Year-end	9
6/10/2009	Settled	15.0	No	No	NA	NA	NA	12/2007	NA	Year-end	9
6/10/2009	Settled	48.0	No	No	NA	NA	NA	12/2007	NA	Year-end	9

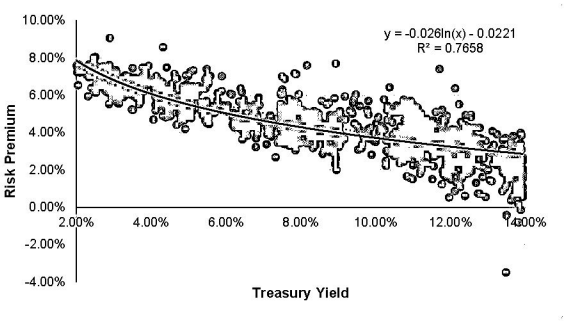
6/24/2009	Settled	59.0	No	No	NA	NA	NA	12/2007	NA	Year-end	9
7/14/2009	Settled	14.2	No	Yes	NA	NA	NA	NA	NA	NA	6
7/24/2009	Settled	48.3	No	No	NA	NA	NA	09/2008	NA	Year-end	4
12/10/2009	Settled	5.5	No	No	NA	NA	NA	NA	339.27	Year-end	6
12/16/2009	Settled	13.5	No	No	8.06	NA	NA	NA	NA	NA	10
1/5/2010	Settled	10.9	No	No	8.32	NA	NA	NA	NA	NA	6
4/16/2010	Settled	25.0	No	No	NA	NA	NA	03/2009	NA	NA	7
5/14/2010	Settled	35.5	Yes	No	8.33	NA	NA	NA	1,724.57	NA	7
6/23/2010	Settled	2.8	No	No	NA	NA	NA	NA	NA	NA	7
6/25/2010	Settled	60.0	Yes	No	8.71	NA	NA	12/2008	1,289.61	NA	10
7/7/2010	Settled	22.0	No	Yes	8.26	NA	NA	06/2009	380.53	Average	9
7/30/2010	Settled	98.0	No	No	NA	NA	NA	10/2009	NA	Year-end	6
7/30/2010	Settled	74.0	No	No	NA	NA	NA	10/2009	NA	Year-end	6
7/30/2010	Settled	17.2	No	Yes	NA	NA	NA	06/2009	NA	NA	7
8/18/2010	Settled	46.8	No	No	NA	NA	NA	06/2009	NA	Year-end	9
9/21/2010	Settled	21.3	No	No	NA	NA	NA	12/2009	NA	NA	6
12/16/2010	Settled	225.0	No	No	NA	NA	NA	12/2010	NA	NA	8
12/16/2010	Settled	77.5	No	No	NA	NA	NA	12/2010	NA	NA	8
2/24/2011	Settled	45.7	No	No	NA	NA	NA	03/2011	NA	NA	7
3/25/2011	Settled	52.5	Yes	Yes	NA	NA	NA	12/2009	NA	NA	10
5/13/2011	Settled	403.0	Yes	No	NA	NA	NA	12/2011	14,174.95	Average	16
6/1/2011	Settled	18.7	No	No	NA	NA	NA	06/2009	NA	NA	8
7/8/2011	Settled	12.2	No	No	NA	NA	NA	12/2010	NA	NA	6
8/2/2011	Settled	2.6	No	Yes	NA	NA	NA	NA	NA	NA	11
9/30/2011	Settled	2.8	No	No	NA	NA	NA	12/2010	NA	NA	2
10/6/2011	Fully Litigated	0.0	No	No	NA	NA	NA	12/2012	NA	NA	4
12/16/2011	Settled	20.0	No	No	NA	NA	NA	NA	NA	NA	7
12/21/2011	Fully Litigated	NA	No	No	NA	NA	NA	NA	NA	NA	3
12/28/2011	Settled	13.5	No	No	NA	NA	NA	NA	NA	NA	10
12/30/2011	Settled	34.0	No	No	7.86	NA	NA	12/2011	2,355.91	NA	7
1/5/2012	Fully Litigated	NA	No	No	NA	NA	NA	NA	NA	NA	10
1/10/2012	Settled	34.0	Yes	No	NA	NA	NA	12/2010	NA	NA	7
2/22/2012	Settled	150.0	No	No	NA	NA	NA	NA	NA	NA	1
3/30/2012	Settled	4.5	No	No	7.74	NA	NA	12/2010	NA	NA	9
4/18/2012	Settled	50.0	No	No	NA	NA	NA	03/2011	NA	NA	7
5/18/2012	Settled	(15.0)	No	Yes	NA	NA	NA	09/2011	NA	NA	3
11/29/2012	Fully Litigated	271.9	Yes	No	NA	NA	NA	12/2012	15,072.22	Average	24
2/27/2013	Settled	27.5	No	No	NA	NA	NA	03/2012	NA	NA	7
3/19/2013	Settled	NA	No	No	NA	NA	NA	NA	NA	NA	7
4/18/2013	Settled	11.6	No	Yes	7.78	NA	NA	12/2011	351.74	Average	9
5/9/2013	Fully Litigated	115.2	Yes	No	NA	NA	NA	12/2012	3,574.12	Average	29
6/6/2013	Settled	50.8	Yes	Yes	NA	NA	NA	06/2012	NA	NA	6
7/26/2013	Settled	0.0	No	No	NA	NA	NA	12/2014	NA	NA	3
9/3/2013	Settled	15.0	No	No	NA	NA	NA	12/2012	NA	NA	5
9/17/2013	Settled	8.8	No	Yes	7.93	NA	NA	NA	NA	NA	9
10/24/2013	Settled	2.0	No	No	NA	NA	NA	NA	NA	NA	4
11/22/2013	Fully Litigated	NA	No	No	NA	NA	NA	NA	NA	NA	4
11/25/2013	Settled	4.7	No	No	NA	NA	NA	12/2012	NA	NA	7
2/28/2014	Settled	263.6	Yes	Yes	NA	NA	NA	12/2012	NA	NA	9
4/23/2014	Settled	48.0	No	No	NA	NA	NA	04/2015	NA	NA	8
7/17/2014	Settled	11.5	No	No	NA	NA	NA	12/2011	1,916.14	Year-end	7
8/14/2014	Fully Litigated	196.0	Yes	No	NA	NA	NA	12/2014	16,822.53	Average	21
9/18/2014	Settled	0.0	No	No	NA	NA	NA	NA	NA	NA	3
11/25/2014	Settled	7.0	No	No	NA	NA	NA	06/2013	NA	NA	9
12/12/2014	Settled	22.0	No	No	NA	NA	NA	08/2014	NA	NA	5
12/18/2014	Settled	37.0	No	Yes	NA	NA	NA	06/2013	NA	NA	11
2/4/2015	Settled	124.3	No	No	NA	NA	NA	12/2013	NA	NA	9
3/2/2015	Settled	6.9	No	Yes	7.76	NA	NA	09/2013	543.93	Average	11
4/9/2015	Settled	105.7	No	No	NA	NA	NA	04/2016	NA	NA	8
4/9/2015	Settled	107.8	No	No	NA	NA	NA	04/2016	NA	NA	8
4/9/2015	Settled	25.5	No	No	NA	NA	NA	04/2016	NA	NA	8
4/9/2015	Settled	95.2	No	No	NA	NA	NA	04/2016	NA	NA	8
4/14/2015	Settled	(4.8)	No	Yes	7.63	NA	NA	07/2013	1,908.68	Year-end	15
5/13/2015	Fully Litigated	NA	No	No	NA	NA	NA	NA	NA	NA	5
6/15/2015	Settled	15.2	No	Yes	7.22	NA	NA	12/2013	412.44	Average	11
6/22/2015	Settled	(23.0)	No	No	NA	NA	NA	09/2014	NA	NA	6
6/24/2015	Settled	17.1	No	No	NA	NA	NA	04/2014	NA	NA	9
6/24/2015	Fully Litigated	NA	No	No	NA	NA	NA	NA	NA	NA	0
6/30/2015	Settled	125.0	No	No	NA	NA	NA	06/2016	NA	NA	7
6/30/2015	Settled	0.0	No	No	NA	NA	NA	06/2016	NA	NA	7
7/20/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
9/24/2015	Settled	185.3	No	No	NA	NA	NA	09/2014	NA	NA	6
10/29/2015	Settled	40.7	No	Yes	7.24	NA	NA	NA	NA	NA	10
11/5/2015	Fully Litigated	(450.4)	Yes	No	NA	NA	NA	12/2015	17,375.83	Average	24
11/19/2015	Settled	124.0	No	No	NA	NA	NA	12/2016	NA	NA	7
11/23/2015	Fully Litigated	0.0	No	No	NA	NA	NA	12/2014	NA	NA	7
12/15/2015	NA	NA	No	No	NA	NA	NA	NA	NA	NA	2
12/17/2015	Settled	127.0	No	No	NA	NA	NA	12/2016	NA	NA	8
2/2/2016	Settled	5.5	No	No	NA	NA	NA	12/2014	NA	NA	7
3/25/2016	Settled	7.4	Yes	No	NA	NA	NA	12/2014	NA	NA	9
6/23/2016	Settled	3.0	Yes	No	NA	NA	NA	12/2016	4,299.16	Average	19
8/10/2016	Settled	20.4	No	No	NA	NA	NA	06/2015	NA	NA	9
8/10/2016	Settled	23.5	No	No	NA	NA	NA	NA	NA	NA	9
8/18/2016	Settled	40.7	No	Yes	NA	NA	NA	03/2015	NA	NA	12
9/28/2016	Settled	3.0	No	No	NA	NA	NA	NA	NA	NA	7
10/26/2016	Fully Litigated	24.5	No	No	NA	NA	NA	12/2017	NA	NA	6
12/6/2016	Settled	54.4	No	No	NA	NA	NA	12/2017	NA	NA	4
12/15/2016	Fully Litigated	0.0	No	No	NA	NA	NA	NA	NA	NA	10
12/16/2016	Settled	(6.0)	No	No	NA	NA	NA	NA	NA	NA	1
12/23/2016	Fully Litigated	0.0	No	No	NA	NA	NA	NA	NA	NA	30
1/10/2017	NA	NA	No	No	NA	NA	NA	NA	NA	NA	3
1/11/2017	Settled	(6.5)	No	No	NA	NA	NA	NA	NA	NA	1
1/19/2017	Settled	90.5	No	No	NA	NA	NA	12/2017	NA	NA	8
1/19/2017	Settled	94.6	No	No	NA	NA	NA	12/2017	NA	NA	8
1/19/2017	Settled	27.5	No	No	NA	NA	NA	12/2017	NA	NA	8
1/19/2017	Settled	60.6	No	No	NA	NA	NA	12/2017	NA	NA	8
1/26/2017	Settled	35.2	No	No	NA	NA	NA	09/2015	NA	Year-end	11
2/24/2017	NA	NA	No	No	NA	NA	NA	NA	NA	NA	2
3/8/2017	Settled	92.0	No	No	NA	NA	NA	03/2016	NA	NA	8
4/19/2017	Fully Litigated	0.0	No	No	NA	NA	NA	NA	NA	NA	5
5/11/2017	Settled	91.0	Yes	No	NA	NA	NA	12/2017	19,159.42	Average	20
6/6/2017	Settled	(3.6)	No	No	NA	NA	NA	06/2014	NA	NA	6
6/8/2017	Settled	16.4	No	No	NA	NA	NA	09/2014	NA	NA	7
8/4/2017	Fully Litigated	0.0	No	No	NA	NA	NA	NA	NA	NA	31
8/10/2017	Settled	0.0	Yes	No	NA	NA	NA	12/2019	NA	NA	4

8/10/2017	Settled	0.0	Yes	No	NA	NA	NA	12/2019	NA	NA	4
9/28/2017	Settled	(3.0)	No	Yes	NA	NA	NA	NA	NA	NA	17
10/25/2017	Settled	200.0	Yes	No	NA	NA	NA	NA	NA	NA	1
12/13/2017	Settled	113.4	No	No	4.64	NA	31.62	12/2018	7,094.57	Average	5
2/9/2018	Settled	13.4	No	No	NA	NA	NA	09/2017	NA	NA	7
4/26/2018	Fully Litigated	NA	No	No	NA	NA	NA	NA	NA	NA	6
5/8/2018	Settled	1.8	No	No	NA	NA	NA	12/2016	NA	NA	7
6/19/2018	Settled	(64.0)	No	No	NA	NA	NA	09/2017	NA	NA	5
7/25/2018	NA	NA	No	No	NA	NA	NA	12/2018	NA	NA	1
10/31/2018	Settled	(21.1)	No	No	NA	NA	NA	06/2017	NA	NA	9
10/31/2018	Settled	(24.0)	No	No	NA	NA	NA	06/2017	NA	NA	9
12/7/2018	Settled	0.0	No	Yes	NA	NA	NA	06/2017	NA	NA	15
12/12/2018	Settled	189.7	No	No	5.26	NA	36.55	12/2019	7,546.59	Average	5
12/20/2018	Settled	92.7	No	No	NA	NA	NA	12/2019	NA	NA	8
12/20/2018	Settled	24.9	No	No	NA	NA	NA	12/2019	NA	NA	8
12/20/2018	Settled	53.2	No	Yes	NA	NA	NA	12/2017	NA	NA	7
12/27/2018	Fully Litigated	31.9	No	No	NA	NA	NA	NA	NA	NA	3
1/9/2019	Settled	(16.0)	No	No	NA	NA	NA	NA	NA	NA	1
2/21/2019	Settled	0.0	No	No	NA	NA	NA	06/2018	NA	Year-end	3
3/6/2019	Settled	3.3	No	No	5.27	NA	37.31	03/2020	617.46	Year-end	5
4/23/2019	NA	NA	No	No	NA	NA	NA	NA	NA	NA	1
5/16/2019	Fully Litigated	(523.0)	Yes	No	7.43	NA	NA	12/2018	22,336.48	Average	32
6/18/2019	Settled	9.3	Yes	Yes	NA	NA	NA	12/2017	NA	NA	8
7/30/2019	Settled	0.0	No	No	NA	NA	NA	NA	NA	NA	7
9/19/2019	Settled	0.0	No	No	NA	NA	NA	09/2018	NA	NA	8
9/26/2019	Fully Litigated	35.7	Yes	No	NA	NA	NA	12/2019	5,077.14	Average	24
12/13/2019	Settled	10.1	No	No	5.23	NA	36.49	12/2020	7,960.90	Average	5
12/19/2019	Fully Litigated	33.6	No	No	NA	NA	NA	NA	NA	NA	3
2/28/2020	Settled	5.2	No	No	5.33	NA	37.92	03/2020	621.22	Average	5
3/17/2020	Settled	(16.7)	No	No	7.57	NA	53.00	12/2020	2,363.90	Year-end	3
3/18/2020	Settled	(32.0)	No	No	NA	NA	NA	12/2018	NA	NA	8
4/6/2020	Settled	9.0	No	No	NA	NA	NA	12/2018	NA	NA	8
4/7/2020	NA	NA	No	No	NA	NA	NA	NA	NA	NA	5
9/23/2020	Fully Litigated	46.1	No	No	NA	NA	NA	NA	NA	NA	3
9/24/2020	Settled	(5.3)	No	No	NA	NA	NA	NA	NA	NA	1
10/21/2020	NA	NA	No	No	NA	NA	NA	NA	NA	NA	NA
12/3/2020	Settled	534.0	Yes	No	NA	NA	NA	12/2020	22,218.12	Average	24
12/11/2020	Settled	1.0	No	No	5.04	NA	36.63	NA	8,373.66	Average	5
12/11/2020	NA	NA	No	Yes	NA	NA	NA	NA	NA	NA	13
12/30/2020	Fully Litigated	29.9	No	No	NA	NA	NA	NA	NA	NA	3
1/14/2021	Settled	(8.9)	No	No	NA	NA	NA	NA	NA	NA	1
1/14/2021	Settled	(8.3)	No	No	NA	NA	NA	09/2020	NA	NA	1
3/9/2021	Settled	6.7	No	No	5.31	NA	37.92	03/2020	670.55	Average	5
6/22/2021	Settled	49.0	No	No	NA	NA	NA	NA	NA	NA	24
6/30/2021	NA	NA	No	No	NA	NA	NA	NA	NA	NA	8
8/11/2021	NA	0.0	No	No	NA	NA	NA	12/2022	NA	NA	4
8/11/2021	NA	0.0	No	No	NA	NA	NA	12/2022	NA	NA	4
8/19/2021	Fully Litigated	489.3	NA	NA	7.68	NA	NA	12/2021	28,139.01	Average	24
9/8/2021	Fully Litigated	51.5	No	No	NA	NA	NA	NA	NA	NA	2
										Avg Lag Mo	9
										Avg Lag Days	200.2213992

11/20/2006	Fully Litigated	21.3	No	No	9.80	9.80	45.16	09/2005	NA	Year-end	16
12/13/2007	Fully Litigated	27.6	No	No	7.58	9.90	44.28	09/2006	NA	Year-end	5
3/31/2008	Settled	83.1	No	No	7.81	12.12	48.88	03/2009	532.30	Average	8
5/30/2008	Fully Litigated	8.9	No	No	8.10	NA	NA	NA	NA	NA	2
10/15/2008	Settled	11.7	No	No	7.64	10.10	41.29	12/2007	633.40	Average	4
1/14/2009	Settled	28.9	No	No	7.88	10.60	41.53	12/2008	NA	Year-end	8
5/29/2009	Fully Litigated	10.5	No	No	8.18	10.50	49.27	12/2009	NA	NA	2
1/22/2010	Settled	9.8	No	No	NA	NA	NA	NA	NA	NA	15
3/11/2010	Fully Litigated	71.0	No	Yes	7.81	12.30	47.71	03/2011	1,153.29	Average	11
3/11/2010	Fully Litigated	64.4	No	Yes	7.81	12.30	47.41	03/2011	418.70	Average	11
6/15/2010	Settled	30.8	No	No	NA	NA	NA	NA	NA	NA	4
9/30/2010	Fully Litigated	47.3	No	No	8.63	11.00	53.52	06/2010	399.10	Year-end	4
12/21/2010	Settled	33.3	No	No	NA	NA	NA	NA	NA	NA	4
12/30/2010	Fully Litigated	223.0	No	No	NA	NA	NA	12/2011	NA	NA	3
3/22/2011	Fully Litigated	44.7	No	No	8.76	12.30	49.37	03/2012	1,405.73	Average	9
3/22/2011	Fully Litigated	13.8	No	No	8.76	12.30	49.37	03/2012	449.18	Average	9
9/30/2011	Fully Litigated	52.8	No	No	8.85	NA	54.67	06/2011	436.73	Year-end	4
11/30/2011	Fully Litigated	30.0	No	No	NA	NA	NA	12/2010	633.65	Average	8
12/28/2011	Fully Litigated	35.6	No	No	NA	NA	NA	12/2012	NA	NA	1
1/3/2012	Settled	26.1	No	No	NA	11.40	NA	02/2013	NA	NA	9
2/2/2012	Fully Litigated	34.1	No	No	8.77	11.40	53.25	03/2013	260.92	Average	9
3/16/2012	Fully Litigated	6.4	No	No	9.03	12.40	53.25	03/2013	42.94	Average	8
3/20/2012	Fully Litigated	(4.3)	No	No	8.48	11.40	53.25	03/2013	395.27	Average	8
3/21/2012	Fully Litigated	39.1	Yes	Yes	NA	NA	NA	12/2011	172.68	Average	43
3/23/2012	Fully Litigated	46.8	Yes	No	8.48	11.40	53.25	03/2013	1,308.25	Average	9
6/22/2012	Fully Litigated	NA	No	No	NA	NA	NA	NA	NA	NA	7
6/29/2012	Fully Litigated	58.1	No	No	NA	NA	NA	12/2012	335.91	NA	3
9/20/2012	Settled	3.0	No	No	NA	NA	NA	12/2011	15.25	Average	6
9/26/2012	Fully Litigated	52.1	No	No	8.75	NA	54.28	06/2012	1,540.36	Year-end	3
12/20/2012	Fully Litigated	50.2	No	No	NA	NA	NA	12/2013	NA	NA	1
12/20/2012	Fully Litigated	0.0	No	No	NA	11.40	NA	NA	NA	NA	8
2/19/2013	Fully Litigated	4.2	No	No	8.36	11.40	52.81	03/2014	NA	Average	8
2/19/2013	Settled	48.9	No	No	8.36	11.40	52.81	03/2014	NA	NA	8
3/12/2013	Settled	1.7	No	No	8.36	11.40	52.81	03/2014	1,221.89	Average	8
3/22/2013	Settled	5.5	No	No	8.89	12.40	52.81	03/2014	NA	NA	8
8/2/2013	Fully Litigated	43.5	No	No	8.36	11.40	52.81	08/2014	351.04	Average	9
9/18/2013	Fully Litigated	67.2	No	No	8.56	NA	53.86	06/2013	2,106.05	Year-end	3
10/7/2013	Settled	113.4	No	No	7.28	10.00	45.00	NA	795.85	NA	10
11/25/2013	Settled	37.7	No	No	NA	NA	NA	12/2012	849.04	Average	8
12/17/2013	Settled	13.3	No	No	7.88	11.40	44.28	12/2014	159.08	Average	8
12/23/2013	Fully Litigated	59.9	No	No	NA	NA	NA	12/2014	NA	NA	1
2/28/2014	Fully Litigated	14.8	No	No	7.95	11.00	50.00	03/2015	NA	NA	9
3/14/2014	Fully Litigated	(9.0)	No	No	NA	11.00	50.00	03/2015	NA	NA	9
3/14/2014	Fully Litigated	3.3	No	No	NA	12.00	50.00	03/2015	100.37	Average	9
7/8/2014	Fully Litigated	41.1	No	No	7.95	11.00	50.00	08/2015	721.91	Average	8
9/24/2014	Fully Litigated	66.2	No	No	8.53	NA	53.52	06/2014	2,667.47	Year-end	3
9/25/2014	Fully Litigated	116.9	No	No	6.91	9.80	48.00	12/2014	839.42	Average	9
11/12/2014	Fully Litigated	4.7	No	No	NA	NA	NA	NA	NA	NA	4
11/25/2014	Fully Litigated	0.8	No	No	NA	NA	NA	06/2014	19.44	Year-end	2
12/18/2014	Fully Litigated	57.1	No	No	6.09	NA	NA	NA	225.93	NA	11
12/18/2014	Fully Litigated	26.6	No	No	NA	NA	NA	12/2015	NA	NA	1

2/18/2015	Settled	36.9	No	No	7.88	11.00	52.03	03/2016	703.58	Average	8
3/12/2015	Settled	(6.4)	No	No	8.40	12.00	52.03	03/2016	102.56	Average	8
3/12/2015	Settled	11.4	No	No	7.88	11.00	52.03	03/2016	373.08	Average	8
3/12/2015	Settled	5.8	No	No	7.88	11.00	52.03	03/2016	1,215.59	Average	8
4/21/2015	Settled	60.5	No	No	7.88	11.00	52.03	08/2016	939.68	Average	5
7/7/2015	Fully Litigated	0.0	No	No	NA	NA	NA	NA	NA	NA	29
9/23/2015	Fully Litigated	64.5	No	No	8.57	NA	52.66	06/2015	3,214.07	Year-end	3
12/3/2015	Settled	126.1	No	Yes	6.68	9.23	49.73	05/2016	476.45	Average	6
12/22/2015	Fully Litigated	19.1	No	No	NA	NA	NA	12/2016	NA	NA	1
12/23/2015	Settled	10.2	No	No	NA	NA	NA	NA	NA	NA	7
1/5/2016	Settled	15.1	No	No	7.95	10.50	50.27	12/2016	NA	NA	2
1/28/2016	NA	0.0	No	No	NA	NA	NA	NA	NA	NA	11
2/29/2016	Fully Litigated	21.0	No	No	7.90	11.60	49.99	03/2017	131.70	Average	9
2/29/2016	Fully Litigated	(9.3)	No	No	7.40	10.60	49.99	03/2017	355.70	Average	9
2/29/2016	Fully Litigated	6.6	No	No	7.40	10.60	49.99	03/2017	1,219.41	Average	9
2/29/2016	Fully Litigated	(16.8)	No	No	7.40	10.60	49.99	03/2017	655.75	Average	9
3/29/2016	Fully Litigated	40.4	No	No	6.90	9.60	49.99	03/2017	389.09	Average	9
6/30/2016	Fully Litigated	(25.7)	No	No	7.40	10.60	49.99	08/2017	825.00	Average	9
6/30/2016	Fully Litigated	5.4	No	No	6.90	9.60	49.99	08/2017	51.76	Average	9
6/30/2016	Settled	55.1	No	No	NA	NA	NA	NA	NA	NA	4
8/22/2016	Settled	21.3	No	No	NA	NA	NA	08/2017	NA	NA	8
10/6/2016	Fully Litigated	NA	No	No	NA	9.40	NA	NA	NA	NA	6
10/19/2016	Fully Litigated	64.4	NA	NA	8.24	NA	51.35	06/2016	3,788.22	Year-end	3
12/9/2016	Settled	25.0	No	No	NA	NA	NA	06/2016	NA	NA	3
12/20/2016	NA	NA	No	No	NA	NA	NA	12/2017	NA	NA	1
12/30/2016	Settled	3.3	No	No	7.30	10.00	47.22	12/2017	164.01	Average	9
1/25/2017	Settled	1.9	No	No	NA	NA	NA	04/2016	45.54	Year-end	6
2/27/2017	Fully Litigated	(2.4)	No	No	7.73	11.40	49.49	03/2018	139.67	Average	9
2/27/2017	Fully Litigated	41.4	No	No	6.74	9.40	49.49	03/2018	826.93	Average	9
2/27/2017	Fully Litigated	(2.2)	No	No	7.24	10.40	49.49	03/2018	354.98	Average	9
2/27/2017	Fully Litigated	(8.5)	No	No	7.24	10.40	49.49	03/2018	1,213.71	Average	9
2/27/2017	Fully Litigated	0.5	No	No	7.24	10.40	49.49	03/2018	649.07	Average	9
3/22/2017	Fully Litigated	12.5	No	No	NA	NA	NA	06/2016	17.97	Year-end	4
5/11/2017	Settled	4.7	No	No	NA	NA	NA	06/2018	16.30	Average	8
5/31/2017	Settled	13.3	No	No	NA	9.50	NA	NA	NA	NA	7
6/1/2017	Fully Litigated	(12.8)	No	No	6.74	9.40	49.49	08/2018	NA	NA	8
6/30/2017	Fully Litigated	(18.0)	No	No	7.24	10.40	49.49	08/2018	745.49	Average	9
6/30/2017	Fully Litigated	4.2	No	No	6.74	9.40	49.49	08/2018	77.75	Average	9
7/17/2017	Fully Litigated	0.0	No	No	NA	NA	NA	NA	NA	NA	8
9/1/2017	Fully Litigated	1.0	No	No	6.81	9.40	50.23	08/2018	82.90	Average	9
10/17/2017	Fully Litigated	9.6	No	No	NA	NA	NA	12/2016	62.69	NA	5
10/31/2017	Fully Litigated	14.6	No	No	NA	NA	NA	04/2017	NA	NA	4
12/20/2017	Fully Litigated	1.6	No	No	NA	NA	NA	04/2017	7.16	Year-end	4
2/6/2018	Settled	NA	No	No	6.62	8.58	50.45	12/2018	613.00	Average	7
2/9/2018	Fully Litigated	(6.0)	No	No	7.21	10.20	50.23	03/2019	348.72	Average	8
2/14/2018	Fully Litigated	(11.5)	No	No	7.21	10.20	50.23	03/2019	612.63	Average	8
2/20/2018	Fully Litigated	(24.6)	No	No	7.21	10.20	50.23	03/2019	1,168.91	Average	8
2/21/2018	Fully Litigated	0.2	No	No	6.71	9.20	50.23	03/2019	926.51	Average	8
2/27/2018	Fully Litigated	14.9	No	No	7.20	11.20	50.23	03/2019	145.74	Average	9
3/20/2018	Fully Litigated	(50.0)	No	No	NA	NA	NA	12/2018	NA	NA	4
4/2/2018	Fully Litigated	NA	No	No	NA	NA	NA	NA	NA	NA	9
5/10/2018	Fully Litigated	2.8	No	No	6.71	9.20	50.23	06/2019	NA	NA	7
5/16/2018	Fully Litigated	1.0	No	No	NA	NA	NA	06/2019	NA	NA	7
5/23/2018	Fully Litigated	1.9	No	No	NA	NA	NA	10/2017	31.61	Year-end	3
5/30/2018	Fully Litigated	12.6	No	No	NA	NA	NA	11/2017	250.43	Year-end	4
7/3/2018	Fully Litigated	(11.1)	No	No	7.21	10.20	50.23	08/2019	699.95	Average	9
7/3/2018	Fully Litigated	3.3	No	No	6.71	9.20	50.23	08/2019	70.43	Average	9
7/10/2018	Settled	200.5	Yes	No	NA	NA	NA	NA	NA	NA	3
8/31/2018	Settled	91.6	No	No	NA	NA	NA	12/2017	NA	NA	4
10/9/2018	Fully Litigated	14.3	No	No	NA	NA	NA	12/2017	213.31	NA	5
11/28/2018	Settled	14.8	No	No	NA	NA	NA	05/2018	319.93	Year-end	4
12/5/2018	Fully Litigated	3.9	No	No	NA	NA	NA	04/2018	59.20	Year-end	4
12/19/2018	Fully Litigated	47.3	No	No	6.86	9.20	51.37	01/2020	288.74	Average	9
1/2/2019	Settled	7.2	No	No	7.76	10.40	NA	02/2020	181.89	Average	9
1/2/2019	Settled	(100.9)	No	No	NA	NA	NA	06/2018	NA	NA	4
2/27/2019	Fully Litigated	(4.0)	No	No	6.87	9.20	51.37	03/2020	148.78	NA	9
2/27/2019	Fully Litigated	38.4	No	No	6.87	9.20	51.37	03/2020	962.35	Average	9
2/27/2019	Fully Litigated	(8.6)	No	No	7.38	10.20	51.37	03/2020	327.36	Average	9
2/27/2019	Fully Litigated	(3.5)	No	No	7.38	10.20	51.37	03/2020	1,134.87	Average	9
2/27/2019	Fully Litigated	(4.3)	No	No	7.38	10.20	51.37	03/2020	633.60	Average	9
4/2/2019	Settled	29.2	No	No	NA	10.50	NA	NA	NA	NA	8
4/15/2019	Fully Litigated	10.4	No	No	6.87	9.20	51.37	02/2020	102.06	Average	8
5/2/2019	Fully Litigated	(0.0)	No	No	NA	9.42	NA	06/2020	NA	NA	7
5/2/2019	Fully Litigated	17.9	No	No	6.87	9.20	51.37	06/2020	NA	NA	7
5/29/2019	Fully Litigated	4.1	No	No	NA	NA	NA	10/2018	83.57	Year-end	3
6/12/2019	Fully Litigated	16.7	No	No	NA	NA	NA	11/2018	375.16	Year-end	4
7/3/2019	Fully Litigated	3.1	No	No	7.39	10.20	51.37	08/2020	656.56	Average	9
7/3/2019	Fully Litigated	1.8	No	No	6.87	9.20	51.37	08/2020	68.66	Average	9
8/5/2019	Fully Litigated	104.3	No	No	6.81	9.20	51.17	10/2020	NA	NA	7
10/8/2019	Fully Litigated	23.5	No	No	NA	NA	NA	12/2018	393.50	Year-end	5
11/1/2019	Fully Litigated	(18.0)	No	No	6.83	9.20	51.17	01/2021	372.77	Average	7
11/27/2019	Fully Litigated	7.2	No	No	NA	NA	NA	04/2019	118.54	Year-end	3
12/18/2019	Fully Litigated	44.8	No	No	NA	NA	NA	06/2019	500.86	Year-end	3
12/20/2019	Settled	0.0	No	No	NA	NA	NA	06/2019	NA	NA	4
2/3/2020	Fully Litigated	(6.3)	No	No	6.84	9.20	51.17	03/2021	141.77	Average	8
2/3/2020	Fully Litigated	11.4	No	No	6.84	9.20	51.17	03/2021	891.19	Average	8
2/3/2020	Fully Litigated	(20.3)	No	No	7.35	10.20	51.17	03/2021	1,104.57	Average	8
2/3/2020	Fully Litigated	0.7	No	No	7.35	10.20	51.17	03/2021	612.24	Average	8
2/18/2020	Fully Litigated	(13.0)	No	No	7.35	10.20	51.17	03/2021	315.69	Average	8
2/25/2020	Fully Litigated	(6.3)	No	No	7.74	10.42	50.78	04/2021	174.43	Average	9
3/20/2020	Fully Litigated	18.0	No	No	6.84	9.20	51.17	05/2021	297.66	Average	8
4/13/2020	Fully Litigated	7.4	No	No	6.84	9.20	51.17	05/2021	66.35	Average	8
5/20/2020	Fully Litigated	7.4	No	No	NA	NA	NA	10/2019	152.32	Year-end	3
5/21/2020	Fully Litigated	4.0	No	No	NA	9.42	NA	06/2021	9.44	Year-end	7
6/23/2020	Settled	(20.1)	No	No	7.35	10.20	51.17	08/2021	691.16	Average	8
6/26/2020	Settled	50.1	No	No	NA	NA	NA	12/2019	NA	NA	3
7/1/2020	Fully Litigated	(5.2)	No	No	6.84	9.20	51.17	08/2021	62.80	Average	9
7/30/2020	Fully Litigated	10.6	No	No	6.84	9.20	51.17	08/2021	68.31	Average	7
9/4/2020	Fully Litigated	(19.4)	No	No	6.88	9.20	52.07	10/2021	215.28	Average	8
10/14/2020	Fully Litigated	4.2	No	No	NA	NA	NA	03/2020	46.15	Year-end	3
11/25/2020	Fully Litigated	9.3	No	No	NA	NA	NA	04/2020	188.64	Year-end	3
12/16/2020	Settled	(50.1)	No	No	NA	NA	NA	06/2020	NA	NA	3
1/14/2021	Settled	391.3	No	No	NA	NA	NA	12/2021	NA	Average	3
1/27/2021	Fully Litigated	12.5	No	No	NA	NA	NA	07/2020	160.95	Year-end	4
2/24/2021	Fully Litigated	(7.8)	No	No	6.88	9.20	52.07	03/2022	118.75	Average	8

2/24/2021	Fully Litigated	16.5	No	No	6.88	9.20	52.07	03/2022	874.30	Average	8
2/24/2021	Fully Litigated	13.0	NA	NA	6.95	9.34	52.07	03/2022	304.98	Average	8
2/24/2021	Fully Litigated	(0.1)	No	No	7.40	10.20	52.07	03/2022	107.08	Average	8
2/24/2021	Fully Litigated	14.2	No	No	7.40	10.20	52.07	03/2022	599.41	Average	8
2/26/2021	Settled	28.2	No	No	6.88	9.20	52.07	03/2022	500.27	Average	9
3/31/2021	Fully Litigated	9.6	No	No	6.88	9.20	52.07	05/2022	288.33	Average	9
3/31/2021	Fully Litigated	2.9	No	No	6.88	9.20	52.07	05/2021	106.67	Average	9
4/30/2021	Fully Litigated	10.4	No	No	6.88	9.20	52.07	05/2022	98.57	Average	6
5/26/2021	Fully Litigated	10.1	No	No	NA	NA	NA	10/2021	216.91	Year-end	3
6/9/2021	Settled	1.2	No	No	6.88	9.20	52.07	07/2021	4.15	Average	6
7/1/2021	Fully Litigated	14.4	No	No	7.40	10.20	52.07	08/2022	697.94	Average	8
7/1/2021	Fully Litigated	(0.1)	No	No	6.88	9.20	52.07	08/2022	58.30	Average	8
7/28/2021	Fully Litigated	10.6	No	No	NA	NA	NA	01/2021	233.37	Year-end	4
7/29/2021	Fully Litigated	5.9	No	No	NA	9.20	NA	06/2022	16.78	Year-end	8
8/4/2021	Fully Litigated	167.8	No	No	6.88	9.20	52.07	07/2022	58.03	Average	8
8/23/2021	Fully Litigated	27.4	No	No	7.07	NA	50.32	09/2022	55.69	Average	8
9/2/2021	Fully Litigated	6.0	No	No	NA	NA	NA	02/2021	NA	NA	4
9/3/2021	Settled	(16.6)	No	No	6.88	9.20	52.07	10/2022	132.90	Average	7
9/7/2021	Fully Litigated	14.2	No	No	NA	NA	NA	08/2022	NA	NA	9



SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.875123
R Square	0.76584
Adjusted R Squar	0.7657
Standard Error	0.008303
Observations	1674

ANOVA

	df	*SS*	*MS*	*F*	*ignificance F*
Regression	1	0.376973	0.376973276	5468.420711	0
Residual	1672	0.115262	6.89364E-05		
Total	1673	0.492235			

	Coefficients	*tandard Err*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-0.022107	0.000971	-22.77351337	3.248E-100	-0.024011	-0.020203
LN (30-Yr Treasu	-0.025723	0.000348	-73.94877086	0	-0.026405	-0.02504

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			Y	X
Date	Return on Equity	30 - Year Treasury	Risk Premium	LN (30-Yr Treasury)
1/1/1980	14.50%	9.36%	5.14%	-2.3689493
1/7/1980	14.39%	9.38%	5.01%	-2.3662333
1/9/1980	15.00%	9.40%	5.60%	-2.3649021
1/14/1980	15.17%	9.42%	5.75%	-2.362797
1/17/1980	13.93%	9.44%	4.49%	-2.3605426
1/23/1980	15.50%	9.47%	6.03%	-2.3569938
1/30/1980	13.86%	9.52%	4.34%	-2.3517176
1/31/1980	12.61%	9.53%	3.08%	-2.3506625
2/6/1980	13.71%	9.58%	4.13%	-2.3456074
2/13/1980	12.80%	9.63%	3.17%	-2.340017
2/14/1980	13.00%	9.65%	3.35%	-2.3385802
2/19/1980	13.50%	9.68%	3.82%	-2.3352943
2/27/1980	13.75%	9.78%	3.97%	-2.3246416
2/29/1980	13.75%	9.81%	3.94%	-2.3215793
2/29/1980	14.00%	9.81%	4.19%	-2.3215793
2/29/1980	14.77%	9.81%	4.96%	-2.3215793
3/7/1980	12.70%	9.89%	2.81%	-2.313459
3/14/1980	13.50%	9.97%	3.53%	-2.3057401
3/26/1980	14.16%	10.10%	4.06%	-2.2926843
3/27/1980	14.24%	10.12%	4.12%	-2.2909036
3/28/1980	14.50%	10.13%	4.37%	-2.289205
4/11/1980	12.75%	10.27%	2.48%	-2.275583
4/14/1980	13.85%	10.29%	3.56%	-2.2743427
4/16/1980	15.50%	10.31%	5.19%	-2.2720995
4/22/1980	13.25%	10.35%	2.90%	-2.2679518
4/22/1980	13.90%	10.35%	3.55%	-2.2679518
4/24/1980	16.80%	10.38%	6.43%	-2.2657711
4/29/1980	15.50%	10.41%	5.09%	-2.2627156
5/6/1980	13.70%	10.45%	3.25%	-2.258884
5/7/1980	15.00%	10.45%	4.55%	-2.2583099
5/8/1980	13.75%	10.46%	3.29%	-2.2576643
5/9/1980	14.35%	10.47%	3.88%	-2.2569666
5/13/1980	13.60%	10.48%	3.12%	-2.2556633
5/15/1980	13.25%	10.49%	2.76%	-2.2543427
5/19/1980	13.75%	10.51%	3.24%	-2.252824
5/27/1980	13.62%	10.54%	3.08%	-2.2497033
5/27/1980	14.60%	10.54%	4.06%	-2.2497033
5/29/1980	16.00%	10.56%	5.44%	-2.2484095
5/30/1980	13.80%	10.56%	3.24%	-2.2477371
6/2/1980	15.63%	10.57%	5.06%	-2.2470369
6/9/1980	15.90%	10.60%	5.30%	-2.2444907
6/10/1980	13.78%	10.60%	3.18%	-2.2440568
6/12/1980	14.25%	10.61%	3.64%	-2.2433921
6/19/1980	13.40%	10.62%	2.78%	-2.2421958
6/30/1980	13.00%	10.65%	2.35%	-2.2400611
6/30/1980	13.40%	10.65%	2.75%	-2.2400611
7/9/1980	14.75%	10.67%	4.08%	-2.2373874
7/10/1980	15.00%	10.68%	4.32%	-2.2368957
7/15/1980	15.80%	10.70%	5.10%	-2.2352863
7/18/1980	13.80%	10.71%	3.09%	-2.2339876
7/22/1980	14.10%	10.72%	3.38%	-2.233185
7/24/1980	15.00%	10.73%	4.27%	-2.232341
7/25/1980	13.48%	10.73%	2.75%	-2.2318797
7/31/1980	14.58%	10.75%	3.83%	-2.2301575
8/8/1980	13.50%	10.78%	2.72%	-2.2277003
8/8/1980	14.00%	10.78%	3.22%	-2.2277003
8/8/1980	15.45%	10.78%	4.67%	-2.2277003
8/11/1980	14.85%	10.78%	4.07%	-2.2273478
8/14/1980	14.00%	10.79%	3.21%	-2.2264207
8/14/1980	16.25%	10.79%	5.46%	-2.2264207
8/25/1980	13.75%	10.82%	2.93%	-2.2238201
8/27/1980	13.80%	10.83%	2.97%	-2.223141
8/29/1980	12.50%	10.84%	1.66%	-2.2221994
9/15/1980	13.50%	10.88%	2.62%	-2.2183634
9/15/1980	13.93%	10.88%	3.05%	-2.2183634
9/15/1980	15.80%	10.88%	4.92%	-2.2183634
9/24/1980	12.50%	10.93%	1.57%	-2.2139059
9/24/1980	15.00%	10.93%	4.07%	-2.2139059
9/26/1980	13.75%	10.94%	2.81%	-2.2124154
9/30/1980	14.10%	10.96%	3.14%	-2.2109863
9/30/1980	14.20%	10.96%	3.24%	-2.2109863
10/1/1980	13.90%	10.97%	2.93%	-2.2102931
10/3/1980	15.50%	10.98%	4.52%	-2.2090447
10/7/1980	12.50%	10.99%	1.51%	-2.2079797
10/9/1980	13.25%	11.00%	2.25%	-2.2069568
10/9/1980	14.50%	11.00%	3.50%	-2.2069568
10/9/1980	14.50%	11.00%	3.50%	-2.2069568
10/16/1980	16.10%	11.02%	5.08%	-2.2050773
10/17/1980	14.50%	11.03%	3.47%	-2.2045287
10/31/1980	13.75%	11.11%	2.64%	-2.1975721
10/31/1980	14.25%	11.11%	3.14%	-2.1975721
11/4/1980	15.00%	11.12%	3.88%	-2.1967847
11/5/1980	13.75%	11.12%	2.63%	-2.1959978
11/5/1980	14.00%	11.12%	2.88%	-2.1959978
11/8/1980	13.75%	11.14%	2.61%	-2.1943273
11/10/1980	14.85%	11.15%	3.70%	-2.1934168
11/17/1980	14.00%	11.18%	2.82%	-2.1909453
11/18/1980	14.00%	11.19%	2.81%	-2.1904178
11/19/1980	13.00%	11.19%	1.81%	-2.1899263
11/24/1980	14.00%	11.21%	2.79%	-2.1887164
11/26/1980	14.00%	11.21%	2.79%	-2.1882301
12/8/1980	14.15%	11.22%	2.93%	-2.1872174
12/8/1980	15.10%	11.22%	3.88%	-2.1872174
12/9/1980	15.35%	11.22%	4.13%	-2.1872566
12/12/1980	15.45%	11.23%	4.22%	-2.1869599

12/17/1980	13.25%	11.23%	2.02%	-2.1864051
12/18/1980	15.80%	11.23%	4.57%	-2.1862707
12/19/1980	14.50%	11.23%	3.27%	-2.1863277
12/19/1980	14.64%	11.23%	3.41%	-2.1863277
12/22/1980	13.45%	11.23%	2.22%	-2.1866161
12/22/1980	15.00%	11.23%	3.77%	-2.1866161
12/30/1980	14.50%	11.22%	3.28%	-2.1876719
12/30/1980	14.95%	11.22%	3.73%	-2.1876719
12/31/1980	13.39%	11.22%	2.17%	-2.1877647
1/2/1981	15.25%	11.22%	4.03%	-2.1878529
1/7/1981	14.30%	11.21%	3.09%	-2.1882694
1/19/1981	15.25%	11.20%	4.05%	-2.1894582
1/23/1981	13.10%	11.20%	1.90%	-2.1892269
1/23/1981	14.40%	11.20%	3.20%	-2.1892269
1/26/1981	15.25%	11.20%	4.05%	-2.1890341
1/27/1981	15.00%	11.21%	3.79%	-2.1888012
1/31/1981	13.47%	11.22%	2.25%	-2.1878083
2/3/1981	15.25%	11.23%	4.02%	-2.1866126
2/5/1981	15.75%	11.25%	4.50%	-2.1851781
2/11/1981	15.60%	11.28%	4.32%	-2.181881
2/20/1981	15.25%	11.33%	3.92%	-2.1775784
3/11/1981	15.40%	11.49%	3.91%	-2.1633894
3/12/1981	14.51%	11.50%	3.01%	-2.1623972
3/12/1981	16.00%	11.50%	4.50%	-2.1623972
3/13/1981	13.02%	11.52%	1.50%	-2.1614927
3/18/1981	16.19%	11.55%	4.64%	-2.1587107
3/19/1981	13.75%	11.56%	2.19%	-2.1578616
3/23/1981	14.30%	11.58%	2.72%	-2.1560315
3/25/1981	15.30%	11.60%	3.70%	-2.1538126
4/1/1981	14.53%	11.68%	2.85%	-2.1475457
4/3/1981	19.10%	11.71%	7.39%	-2.1447005
4/9/1981	15.00%	11.78%	3.22%	-2.1386269
4/9/1981	15.30%	11.78%	3.52%	-2.1386269
4/9/1981	16.50%	11.78%	4.72%	-2.1386269
4/9/1981	17.00%	11.78%	5.22%	-2.1386269
4/10/1981	13.75%	11.80%	1.95%	-2.1370783
4/13/1981	13.57%	11.82%	1.75%	-2.1355659
4/15/1981	15.30%	11.85%	3.45%	-2.1326364
4/16/1981	13.50%	11.87%	1.63%	-2.1311981
4/17/1981	14.10%	11.87%	2.23%	-2.1311981
4/21/1981	14.00%	11.90%	2.10%	-2.1284999
4/21/1981	16.80%	11.90%	4.90%	-2.1284999
4/24/1981	16.00%	11.95%	4.05%	-2.1244556
4/27/1981	12.50%	11.97%	0.53%	-2.1231335
4/27/1981	13.61%	11.97%	1.64%	-2.1231335
4/29/1981	13.65%	12.00%	1.65%	-2.1203402
4/30/1981	13.50%	12.02%	1.48%	-2.118907
5/4/1981	16.22%	12.05%	4.17%	-2.1160342
5/5/1981	14.40%	12.07%	2.33%	-2.1144082
5/7/1981	16.25%	12.11%	4.14%	-2.1112592
5/7/1981	16.27%	12.11%	4.16%	-2.1112592
5/8/1981	13.00%	12.13%	0.87%	-2.1097853
5/8/1981	16.00%	12.13%	3.87%	-2.1097853
5/12/1981	13.50%	12.16%	1.34%	-2.1066754
5/15/1981	15.75%	12.22%	3.53%	-2.1023786
5/18/1981	14.88%	12.23%	2.65%	-2.1011957
5/20/1981	16.00%	12.26%	3.74%	-2.0987402
5/21/1981	14.00%	12.27%	1.73%	-2.0976267
5/26/1981	14.90%	12.30%	2.60%	-2.0955335
5/27/1981	15.00%	12.31%	2.69%	-2.0944845
5/29/1981	15.50%	12.34%	3.16%	-2.092556
6/1/1981	16.50%	12.35%	4.15%	-2.0916801
6/3/1981	14.67%	12.37%	2.30%	-2.0899995
6/5/1981	13.00%	12.39%	0.61%	-2.088253
6/10/1981	16.75%	12.42%	4.33%	-2.0860054
6/17/1981	14.40%	12.46%	1.94%	-2.0828016
6/18/1981	16.33%	12.47%	3.86%	-2.0821388
6/25/1981	14.75%	12.51%	2.24%	-2.0784317
6/26/1981	16.00%	12.52%	3.48%	-2.0776
6/30/1981	15.25%	12.54%	2.71%	-2.075919
7/1/1981	15.50%	12.56%	2.94%	-2.0749421
7/1/1981	17.50%	12.56%	4.94%	-2.0749421
7/10/1981	16.00%	12.62%	3.38%	-2.0700474
7/14/1981	16.90%	12.64%	4.26%	-2.0684739
7/15/1981	16.00%	12.65%	3.35%	-2.0677533
7/17/1981	15.00%	12.67%	2.33%	-2.0663097
7/20/1981	15.00%	12.68%	2.32%	-2.065496
7/21/1981	14.00%	12.69%	1.31%	-2.0647421
7/28/1981	13.48%	12.74%	0.74%	-2.0603411
7/31/1981	13.50%	12.78%	0.72%	-2.0572277
7/31/1981	15.00%	12.78%	2.22%	-2.0572277
7/31/1981	16.00%	12.78%	3.22%	-2.0572277
8/5/1981	15.71%	12.83%	2.88%	-2.0536872
8/10/1981	14.50%	12.87%	1.63%	-2.0506333
8/11/1981	15.00%	12.88%	2.12%	-2.0498167
8/20/1981	13.50%	12.95%	0.55%	-2.0444243
8/20/1981	16.50%	12.95%	3.55%	-2.0444243
8/24/1981	15.00%	12.97%	2.03%	-2.0427787
8/28/1981	15.00%	13.01%	1.99%	-2.0396802
9/3/1981	14.50%	13.05%	1.45%	-2.0360472
9/10/1981	14.50%	13.11%	1.39%	-2.0321565
9/11/1981	16.00%	13.12%	2.88%	-2.0313244
9/16/1981	16.00%	13.15%	2.85%	-2.0288549
9/17/1981	16.50%	13.16%	3.34%	-2.0281896
9/23/1981	15.85%	13.20%	2.65%	-2.0253133
9/28/1981	15.50%	13.23%	2.27%	-2.0227097
10/9/1981	15.75%	13.33%	2.42%	-2.0152768
10/15/1981	16.25%	13.37%	2.88%	-2.0124298
10/16/1981	15.50%	13.38%	2.12%	-2.0114614
10/16/1981	16.50%	13.38%	3.12%	-2.0114614
10/19/1981	14.25%	13.39%	0.86%	-2.0105127
10/20/1981	15.25%	13.41%	1.84%	-2.0095238
10/20/1981	17.00%	13.41%	3.59%	-2.0095238
10/23/1981	16.00%	13.45%	2.55%	-2.0060127
10/27/1981	10.00%	13.48%	-3.48%	-2.0036886

10/29/1981	14.75%	13.51%	1.24%	-2.0016401
10/29/1981	16.50%	13.51%	2.99%	-2.0016401
11/3/1981	15.17%	13.53%	1.64%	-1.9999947
11/5/1981	16.60%	13.55%	3.05%	-1.9986508
11/6/1981	15.17%	13.56%	1.61%	-1.998009
11/24/1981	15.50%	13.61%	1.89%	-1.9945968
11/25/1981	15.25%	13.61%	1.64%	-1.9945491
11/25/1981	15.35%	13.61%	1.74%	-1.9945491
11/25/1981	16.10%	13.61%	2.49%	-1.9945491
11/25/1981	16.10%	13.61%	2.49%	-1.9945491
12/1/1981	15.70%	13.61%	2.09%	-1.9944499
12/1/1981	16.00%	13.61%	2.39%	-1.9944499
12/1/1981	16.49%	13.61%	2.88%	-1.9944499
12/1/1981	16.50%	13.61%	2.89%	-1.9944499
12/4/1981	16.00%	13.61%	2.39%	-1.9944058
12/11/1981	16.25%	13.63%	2.62%	-1.9932051
12/14/1981	14.00%	13.63%	0.37%	-1.99304
12/15/1981	15.81%	13.63%	2.18%	-1.9929226
12/15/1981	16.00%	13.63%	2.37%	-1.9929226
12/16/1981	15.25%	13.63%	1.62%	-1.9927942
12/17/1981	16.50%	13.63%	2.87%	-1.9926879
12/18/1981	15.45%	13.63%	1.82%	-1.9925778
12/30/1981	14.25%	13.67%	0.58%	-1.990069
12/30/1981	16.00%	13.67%	2.33%	-1.990069
12/30/1981	16.25%	13.67%	2.58%	-1.990069
12/31/1981	16.15%	13.67%	2.48%	-1.9896191
1/4/1982	15.50%	13.67%	1.83%	-1.9896191
1/11/1982	14.50%	13.72%	0.78%	-1.9860204
1/11/1982	17.00%	13.72%	3.28%	-1.9860204
1/13/1982	14.75%	13.74%	1.01%	-1.9848589
1/14/1982	15.75%	13.75%	2.00%	-1.9842986
1/15/1982	15.00%	13.76%	1.24%	-1.9837569
1/15/1982	16.50%	13.76%	2.74%	-1.9837569
1/22/1982	16.25%	13.79%	2.46%	-1.981009
1/27/1982	16.84%	13.81%	3.03%	-1.9797953
1/28/1982	13.00%	13.81%	-0.81%	-1.9794949
1/29/1982	15.50%	13.82%	1.68%	-1.9791728
2/1/1982	15.85%	13.82%	2.03%	-1.9787459
2/3/1982	16.44%	13.84%	2.60%	-1.9779108
2/8/1982	15.50%	13.86%	1.64%	-1.9764915
2/11/1982	16.00%	13.88%	2.12%	-1.974959
2/11/1982	16.20%	13.88%	2.32%	-1.974959
2/17/1982	15.00%	13.89%	1.11%	-1.9742746
2/19/1982	15.17%	13.89%	1.28%	-1.9738463
2/26/1982	15.25%	13.89%	1.36%	-1.9741162
3/1/1982	15.03%	13.89%	1.14%	-1.9741918
3/1/1982	16.00%	13.89%	2.11%	-1.9741918
3/3/1982	15.00%	13.88%	1.12%	-1.9744871
3/8/1982	17.10%	13.88%	3.22%	-1.9749806
3/12/1982	16.25%	13.88%	2.37%	-1.9748293
3/17/1982	17.30%	13.88%	3.42%	-1.9746348
3/22/1982	15.10%	13.89%	1.21%	-1.974271
3/27/1982	15.40%	13.89%	1.51%	-1.9736591
3/30/1982	15.50%	13.90%	1.60%	-1.9730763
3/31/1982	17.00%	13.91%	3.09%	-1.9727923
4/1/1982	14.70%	13.91%	0.79%	-1.9725119
4/1/1982	16.50%	13.91%	2.59%	-1.9725119
4/2/1982	15.50%	13.91%	1.59%	-1.9722351
4/5/1982	15.50%	13.92%	1.58%	-1.971919
4/8/1982	16.40%	13.93%	2.47%	-1.9708455
4/13/1982	14.50%	13.94%	0.56%	-1.97058
4/23/1982	15.75%	13.94%	1.81%	-1.9703145
4/27/1982	15.00%	13.94%	1.06%	-1.9703827
4/28/1982	15.75%	13.94%	1.81%	-1.9704365
4/30/1982	14.70%	13.94%	0.76%	-1.9704831
4/30/1982	15.50%	13.94%	1.56%	-1.9704831
5/3/1982	16.60%	13.94%	2.66%	-1.9704114
5/4/1982	16.00%	13.94%	2.06%	-1.970397
5/14/1982	15.50%	13.92%	1.58%	-1.971707
5/18/1982	15.42%	13.92%	1.50%	-1.9719944
5/19/1982	14.69%	13.92%	0.77%	-1.972174
5/20/1982	15.00%	13.91%	1.09%	-1.9724436
5/20/1982	15.10%	13.91%	1.19%	-1.9724436
5/20/1982	15.50%	13.91%	1.59%	-1.9724436
5/20/1982	16.30%	13.91%	2.39%	-1.9724436
5/21/1982	17.75%	13.91%	3.84%	-1.9727239
5/27/1982	15.00%	13.89%	1.11%	-1.9738786
5/28/1982	15.50%	13.89%	1.61%	-1.9741126
5/28/1982	17.00%	13.89%	3.11%	-1.9741126
6/1/1982	13.75%	13.89%	-0.14%	-1.9742602
6/1/1982	16.60%	13.89%	2.71%	-1.9742602
6/9/1982	17.86%	13.88%	3.98%	-1.974606
6/14/1982	15.75%	13.88%	1.87%	-1.9748797
6/15/1982	14.85%	13.88%	0.97%	-1.974977
6/18/1982	15.50%	13.87%	1.63%	-1.9755465
6/21/1982	14.90%	13.87%	1.03%	-1.9757051
6/23/1982	16.00%	13.86%	2.14%	-1.9759937
6/23/1982	16.17%	13.86%	2.31%	-1.9759937
6/24/1982	14.85%	13.86%	0.99%	-1.976174
6/25/1982	14.70%	13.86%	0.84%	-1.97634
7/1/1982	16.00%	13.84%	2.16%	-1.9775205
7/2/1982	15.62%	13.84%	1.78%	-1.9777554
7/2/1982	17.00%	13.84%	3.16%	-1.9777554
7/13/1982	14.00%	13.82%	0.18%	-1.9792379
7/13/1982	16.80%	13.82%	2.98%	-1.9792379
7/14/1982	15.76%	13.82%	1.94%	-1.9793863
7/14/1982	16.02%	13.82%	2.20%	-1.9793863
7/19/1982	16.50%	13.80%	2.70%	-1.9806067
7/22/1982	14.50%	13.77%	0.73%	-1.9826198
7/22/1982	17.00%	13.77%	3.23%	-1.9826198
7/27/1982	16.75%	13.75%	3.00%	-1.984415
7/29/1982	16.50%	13.74%	2.76%	-1.9851828
8/11/1982	17.50%	13.68%	3.82%	-1.9890233
8/18/1982	17.07%	13.63%	3.44%	-1.9930584
8/20/1982	15.73%	13.60%	2.13%	-1.9949828

8/25/1982	16.00%	13.57%	2.43%	-1.9972166
8/26/1982	15.50%	13.56%	1.94%	-1.9978616
8/30/1982	15.00%	13.55%	1.45%	-1.9987209
9/3/1982	16.20%	13.53%	2.67%	-2.0001092
9/8/1982	15.00%	13.52%	1.48%	-2.0008263
9/15/1982	13.08%	13.50%	-0.42%	-2.0023213
9/15/1982	16.25%	13.50%	2.75%	-2.0023213
9/16/1982	16.00%	13.50%	2.50%	-2.0025361
9/17/1982	15.25%	13.50%	1.75%	-2.0028287
9/23/1982	17.17%	13.47%	3.70%	-2.0046384
9/24/1982	14.50%	13.46%	1.04%	-2.0051507
9/27/1982	15.25%	13.46%	1.79%	-2.0056782
10/1/1982	15.50%	13.42%	2.08%	-2.0082341
10/15/1982	15.90%	13.32%	2.58%	-2.0159486
10/22/1982	15.75%	13.24%	2.51%	-2.0216633
10/22/1982	17.15%	13.24%	3.91%	-2.0216633
10/29/1982	15.54%	13.16%	2.38%	-2.0276616
11/1/1982	15.50%	13.15%	2.35%	-2.0289804
11/3/1982	17.20%	13.13%	4.07%	-2.0303847
11/4/1982	16.25%	13.11%	3.14%	-2.0317606
11/5/1982	16.20%	13.09%	3.11%	-2.0331994
11/9/1982	16.00%	13.05%	2.95%	-2.0360603
11/23/1982	15.50%	12.89%	2.61%	-2.0490365
11/23/1982	15.85%	12.89%	2.96%	-2.0490365
11/30/1982	16.50%	12.81%	3.69%	-2.0553032
12/1/1982	17.04%	12.79%	4.25%	-2.0568467
12/6/1982	15.00%	12.73%	2.27%	-2.0614288
12/6/1982	16.35%	12.73%	3.62%	-2.0614288
12/10/1982	15.50%	12.66%	2.84%	-2.0666754
12/13/1982	16.00%	12.65%	3.35%	-2.0678806
12/14/1982	15.30%	12.63%	2.67%	-2.0691626
12/14/1982	16.40%	12.63%	3.77%	-2.0691626
12/20/1982	16.00%	12.57%	3.43%	-2.0737736
12/21/1982	14.75%	12.56%	2.19%	-2.0748959
12/21/1982	15.85%	12.56%	3.29%	-2.0748959
12/22/1982	16.25%	12.54%	3.71%	-2.0760114
12/22/1982	16.58%	12.54%	4.04%	-2.0760114
12/22/1982	16.75%	12.54%	4.21%	-2.0760114
12/29/1982	14.90%	12.48%	2.42%	-2.0808906
12/29/1982	16.25%	12.48%	3.77%	-2.0808906
12/30/1982	16.00%	12.47%	3.53%	-2.0821693
12/30/1982	16.35%	12.47%	3.88%	-2.0821693
12/30/1982	16.77%	12.47%	4.30%	-2.0821693
1/5/1983	17.33%	12.40%	4.93%	-2.0871633
1/11/1983	15.90%	12.34%	3.56%	-2.0919353
1/12/1983	14.63%	12.33%	2.30%	-2.0931633
1/12/1983	15.50%	12.33%	3.17%	-2.0931633
1/20/1983	17.75%	12.24%	5.51%	-2.1008164
1/21/1983	15.00%	12.22%	2.78%	-2.1020185
1/24/1983	14.50%	12.21%	2.29%	-2.1031852
1/24/1983	15.50%	12.21%	3.29%	-2.1031852
1/25/1983	15.85%	12.19%	3.66%	-2.1043697
1/27/1983	16.14%	12.17%	3.97%	-2.1064264
2/1/1983	18.50%	12.13%	6.37%	-2.1093978
2/4/1983	14.00%	12.10%	1.90%	-2.1120391
2/10/1983	15.00%	12.06%	2.94%	-2.1155289
2/21/1983	15.50%	11.98%	3.52%	-2.1215936
2/22/1983	15.50%	11.97%	3.53%	-2.1227249
2/23/1983	15.10%	11.96%	3.14%	-2.1237739
2/23/1983	16.00%	11.96%	4.04%	-2.1237739
3/2/1983	15.25%	11.89%	3.36%	-2.1293169
3/9/1983	15.20%	11.82%	3.38%	-2.1349712
3/15/1983	13.00%	11.77%	1.23%	-2.1393996
3/18/1983	15.25%	11.73%	3.52%	-2.1429481
3/23/1983	15.40%	11.69%	3.71%	-2.1467744
3/24/1983	15.00%	11.67%	3.33%	-2.1480802
3/29/1983	15.50%	11.63%	3.87%	-2.1519735
3/30/1983	16.71%	11.61%	5.10%	-2.1532474
3/31/1983	15.00%	11.59%	3.41%	-2.1546264
4/4/1983	15.20%	11.58%	3.62%	-2.1560073
4/8/1983	15.50%	11.51%	3.99%	-2.1621234
4/11/1983	14.81%	11.49%	3.32%	-2.163754
4/19/1983	14.50%	11.38%	3.12%	-2.1735632
4/20/1983	16.00%	11.36%	4.64%	-2.1750674
4/29/1983	16.00%	11.24%	4.76%	-2.1852644
5/1/1983	14.50%	11.24%	3.26%	-2.1852644
5/9/1983	15.50%	11.15%	4.35%	-2.1935199
5/11/1983	16.46%	11.12%	5.34%	-2.1961327
5/12/1983	14.14%	11.11%	3.03%	-2.1975181
5/18/1983	15.00%	11.05%	3.95%	-2.2028891
5/23/1983	14.90%	11.01%	3.89%	-2.2063526
5/23/1983	15.50%	11.01%	4.49%	-2.2063526
5/25/1983	15.50%	10.98%	4.52%	-2.2087624
5/27/1983	15.00%	10.96%	4.04%	-2.2110593
5/31/1983	14.00%	10.95%	3.05%	-2.2121125
5/31/1983	15.50%	10.95%	4.55%	-2.2121125
6/2/1983	14.50%	10.93%	3.57%	-2.2141018
6/17/1983	15.03%	10.84%	4.19%	-2.2218824
7/1/1983	14.80%	10.78%	4.02%	-2.2278817
7/1/1983	14.90%	10.78%	4.12%	-2.2278817
7/8/1983	16.25%	10.76%	5.49%	-2.2295582
7/13/1983	13.20%	10.75%	2.45%	-2.2301654
7/19/1983	15.00%	10.74%	4.26%	-2.2310373
7/19/1983	15.10%	10.74%	4.36%	-2.2310373
7/25/1983	16.25%	10.73%	5.52%	-2.2317143
7/28/1983	15.90%	10.74%	5.16%	-2.2314665
8/3/1983	16.34%	10.75%	5.59%	-2.2300975
8/3/1983	16.50%	10.75%	5.75%	-2.2300975
8/19/1983	15.00%	10.80%	4.20%	-2.2258018
8/22/1983	15.50%	10.80%	4.70%	-2.2254241
8/22/1983	16.40%	10.80%	5.60%	-2.2254241
8/31/1983	14.75%	10.84%	3.91%	-2.2215744
9/7/1983	15.00%	10.86%	4.14%	-2.2197322
9/14/1983	15.78%	10.89%	4.89%	-2.217037
9/16/1983	15.00%	10.90%	4.10%	-2.2161024

9/19/1983	14.50%	10.91%	3.59%	-2.2156801
9/20/1983	16.50%	10.91%	5.59%	-2.2152649
9/28/1983	14.50%	10.94%	3.56%	-2.2126187
9/29/1983	15.50%	10.95%	4.55%	-2.2122249
9/30/1983	15.25%	10.95%	4.30%	-2.2118033
9/30/1983	16.15%	10.95%	5.20%	-2.2118033
10/4/1983	14.80%	10.96%	3.84%	-2.2110653
10/7/1983	16.00%	10.97%	5.03%	-2.2101303
10/13/1983	15.52%	10.99%	4.53%	-2.2086103
10/17/1983	15.50%	11.00%	4.50%	-2.20767
10/18/1983	14.50%	11.00%	3.50%	-2.2071817
10/19/1983	16.25%	11.01%	5.24%	-2.2066969
10/19/1983	16.50%	11.01%	5.49%	-2.2066969
10/26/1983	15.00%	11.04%	3.96%	-2.2040084
10/27/1983	15.20%	11.04%	4.16%	-2.2034731
11/1/1983	16.00%	11.06%	4.94%	-2.2017226
11/9/1983	14.90%	11.09%	3.81%	-2.1988721
11/10/1983	14.35%	11.10%	3.25%	-2.1984715
11/23/1983	16.00%	11.13%	4.87%	-2.1956347
11/23/1983	16.15%	11.13%	5.02%	-2.1956347
11/30/1983	15.00%	11.14%	3.86%	-2.194685
12/5/1983	15.25%	11.15%	4.10%	-2.1937065
12/6/1983	15.07%	11.15%	3.92%	-2.1933294
12/8/1983	15.90%	11.16%	4.74%	-2.192531
12/9/1983	14.75%	11.17%	3.58%	-2.192072
12/12/1983	14.50%	11.17%	3.33%	-2.19156
12/15/1983	15.56%	11.19%	4.37%	-2.1897181
12/19/1983	14.80%	11.21%	3.59%	-2.1884478
12/20/1983	14.69%	11.22%	3.47%	-2.1877727
12/20/1983	16.00%	11.22%	4.78%	-2.1877727
12/20/1983	16.25%	11.22%	5.03%	-2.1877727
12/22/1983	14.75%	11.23%	3.52%	-2.1865275
12/22/1983	15.75%	11.23%	4.52%	-2.1865275
1/3/1984	14.75%	11.27%	3.48%	-2.1832916
1/10/1984	15.90%	11.30%	4.60%	-2.1807494
1/12/1984	15.60%	11.31%	4.29%	-2.1797875
1/18/1984	13.75%	11.33%	2.42%	-2.1780833
1/19/1984	15.90%	11.33%	4.57%	-2.1776504
1/30/1984	16.10%	11.37%	4.73%	-2.1743203
1/31/1984	15.25%	11.37%	3.88%	-2.173754
2/1/1984	14.80%	11.38%	3.42%	-2.1732047
2/6/1984	13.75%	11.40%	2.35%	-2.1714634
2/6/1984	14.75%	11.40%	3.35%	-2.1714634
2/9/1984	15.25%	11.42%	3.83%	-2.1696516
2/15/1984	15.70%	11.44%	4.26%	-2.1678042
2/20/1984	15.00%	11.46%	3.54%	-2.1664715
2/20/1984	15.00%	11.46%	3.54%	-2.1664715
2/22/1984	14.75%	11.47%	3.28%	-2.1650352
2/28/1984	14.50%	11.51%	2.99%	-2.1618875
3/2/1984	14.25%	11.54%	2.71%	-2.1595524
3/20/1984	16.00%	11.64%	4.36%	-2.1504071
3/23/1984	15.50%	11.67%	3.83%	-2.1482884
3/26/1984	14.71%	11.68%	3.03%	-2.1476266
4/2/1984	15.50%	11.71%	3.79%	-2.1443108
4/6/1984	14.74%	11.75%	2.99%	-2.1412757
4/11/1984	15.72%	11.78%	3.94%	-2.1390811
4/17/1984	15.00%	11.81%	3.19%	-2.1363311
4/18/1984	16.20%	11.82%	4.38%	-2.1356623
4/25/1984	14.64%	11.85%	2.79%	-2.1327837
4/30/1984	14.40%	11.87%	2.53%	-2.1308346
5/16/1984	14.69%	11.98%	2.71%	-2.121531
5/16/1984	15.00%	11.98%	3.02%	-2.121531
5/22/1984	14.40%	12.02%	2.38%	-2.118414
5/29/1984	15.10%	12.06%	3.04%	-2.1153602
6/13/1984	15.25%	12.15%	3.10%	-2.1075538
6/15/1984	15.60%	12.17%	3.43%	-2.1062045
6/22/1984	16.25%	12.21%	4.04%	-2.1029423
6/29/1984	15.25%	12.26%	2.99%	-2.0991668
7/2/1984	13.35%	12.27%	1.08%	-2.0983263
7/10/1984	16.00%	12.31%	3.69%	-2.0948817
7/12/1984	16.50%	12.32%	4.18%	-2.0935526
7/13/1984	16.25%	12.33%	3.92%	-2.092922
7/17/1984	14.14%	12.35%	1.79%	-2.0915214
7/18/1984	15.30%	12.36%	2.94%	-2.0908492
7/18/1984	15.50%	12.36%	3.14%	-2.0908492
7/19/1984	14.30%	12.37%	1.93%	-2.0901903
7/24/1984	16.79%	12.39%	4.40%	-2.0881086
7/31/1984	16.00%	12.43%	3.57%	-2.0852528
8/3/1984	14.25%	12.44%	1.81%	-2.0840449
8/17/1984	14.30%	12.49%	1.81%	-2.0804484
8/20/1984	15.00%	12.49%	2.51%	-2.0802106
8/27/1984	16.30%	12.51%	3.79%	-2.078988
8/31/1984	15.55%	12.52%	3.03%	-2.0776951
9/6/1984	16.00%	12.53%	3.47%	-2.0767256
9/10/1984	14.75%	12.54%	2.21%	-2.0761466
9/13/1984	15.00%	12.55%	2.45%	-2.0754499
9/17/1984	17.38%	12.56%	4.82%	-2.0750253
9/26/1984	14.50%	12.57%	1.93%	-2.0739479
9/28/1984	15.00%	12.57%	2.43%	-2.0737705
9/28/1984	16.25%	12.57%	3.68%	-2.0737705
10/9/1984	14.75%	12.58%	2.17%	-2.0730202
10/12/1984	15.60%	12.59%	3.01%	-2.0726363
10/22/1984	15.00%	12.59%	2.41%	-2.0725152
10/26/1984	16.40%	12.58%	3.82%	-2.0727651
10/31/1984	16.25%	12.58%	3.67%	-2.0728481
11/7/1984	15.60%	12.58%	3.02%	-2.0730727
11/9/1984	16.00%	12.58%	3.42%	-2.0730532
11/14/1984	15.75%	12.58%	3.17%	-2.0729956
11/20/1984	15.25%	12.58%	2.67%	-2.0731565
11/20/1984	15.92%	12.58%	3.34%	-2.0731565
11/23/1984	15.00%	12.58%	2.42%	-2.0734356
11/28/1984	16.15%	12.57%	3.58%	-2.0739841
12/3/1984	15.80%	12.56%	3.24%	-2.0744357
12/4/1984	16.50%	12.56%	3.94%	-2.0745989
12/18/1984	16.40%	12.53%	3.87%	-2.076754

12/19/1984	14.75%	12.53%	2.22%	-2.0770249
12/19/1984	15.00%	12.53%	2.47%	-2.0770249
12/20/1984	16.00%	12.53%	3.47%	-2.0773513
12/28/1984	16.00%	12.50%	3.50%	-2.0791272
1/3/1985	14.75%	12.49%	2.26%	-2.0800121
1/10/1985	15.75%	12.47%	3.28%	-2.0819896
1/11/1985	16.30%	12.46%	3.84%	-2.0823397
1/23/1985	15.80%	12.43%	3.37%	-2.0847544
1/24/1985	15.82%	12.43%	3.39%	-2.0853469
1/25/1985	16.75%	12.42%	4.33%	-2.0859394
1/30/1985	14.90%	12.40%	2.50%	-2.0876415
1/31/1985	14.75%	12.39%	2.36%	-2.0881711
2/8/1985	14.47%	12.35%	2.12%	-2.091255
3/1/1985	13.84%	12.31%	1.53%	-2.0950893
3/8/1985	16.85%	12.28%	4.57%	-2.0968937
3/14/1985	15.50%	12.25%	3.25%	-2.0992468
3/15/1985	15.62%	12.25%	3.37%	-2.0992468
3/29/1985	15.62%	12.17%	3.45%	-2.1064251
4/3/1985	14.60%	12.14%	2.46%	-2.1090718
4/9/1985	15.50%	12.11%	3.39%	-2.111374
4/16/1985	15.70%	12.06%	3.64%	-2.1155231
4/22/1985	14.00%	12.02%	1.98%	-2.1188454
4/26/1985	15.50%	11.98%	3.52%	-2.1221345
4/29/1985	15.00%	11.97%	3.03%	-2.1229434
5/2/1985	14.68%	11.94%	2.74%	-2.125653
5/8/1985	15.62%	11.89%	3.73%	-2.1294788
5/10/1985	16.50%	11.87%	4.63%	-2.1313557
5/29/1985	14.61%	11.73%	2.88%	-2.1427588
5/31/1985	16.00%	11.71%	4.29%	-2.1446361
6/14/1985	15.50%	11.61%	3.89%	-2.1534386
7/9/1985	15.00%	11.45%	3.55%	-2.1675932
7/16/1985	14.50%	11.39%	3.11%	-2.1722198
7/26/1985	14.50%	11.33%	3.17%	-2.1779871
8/2/1985	14.80%	11.29%	3.51%	-2.181329
8/7/1985	15.00%	11.27%	3.73%	-2.1833516
8/28/1985	14.25%	11.15%	3.10%	-2.1935684
8/28/1985	15.50%	11.15%	4.35%	-2.1935684
8/29/1985	14.50%	11.15%	3.35%	-2.1941115
9/9/1985	14.60%	11.11%	3.49%	-2.1970528
9/9/1985	14.90%	11.11%	3.79%	-2.1970528
9/17/1985	14.90%	11.08%	3.82%	-2.1996676
9/23/1985	15.00%	11.06%	3.94%	-2.2015789
9/27/1985	15.50%	11.05%	4.45%	-2.2031349
9/27/1985	15.80%	11.05%	4.75%	-2.2031349
10/2/1985	14.00%	11.03%	2.97%	-2.2042776
10/2/1985	14.75%	11.03%	3.72%	-2.2042776
10/3/1985	15.25%	11.03%	4.22%	-2.2047064
10/24/1985	15.40%	10.96%	4.44%	-2.2111109
10/24/1985	15.82%	10.96%	4.86%	-2.2111109
10/24/1985	15.85%	10.96%	4.89%	-2.2111109
10/28/1985	16.00%	10.95%	5.05%	-2.211907
10/29/1985	16.65%	10.94%	5.71%	-2.2124213
10/31/1985	15.06%	10.93%	4.13%	-2.2135313
11/4/1985	14.50%	10.92%	3.58%	-2.214821
11/7/1985	15.50%	10.90%	4.60%	-2.2167598
11/8/1985	14.30%	10.89%	3.41%	-2.2173661
12/12/1985	14.75%	10.73%	4.02%	-2.2320702
12/18/1985	15.00%	10.69%	4.31%	-2.2355678
12/20/1985	14.50%	10.67%	3.83%	-2.2377641
12/20/1985	14.50%	10.67%	3.83%	-2.2377641
12/20/1985	15.00%	10.67%	4.33%	-2.2377641
1/24/1986	15.40%	10.41%	4.99%	-2.2627828
1/31/1986	15.00%	10.35%	4.65%	-2.2680808
2/5/1986	15.00%	10.32%	4.68%	-2.2710753
2/5/1986	15.75%	10.32%	5.43%	-2.2710753
2/10/1986	13.30%	10.29%	3.01%	-2.27395
2/11/1986	12.50%	10.28%	2.22%	-2.2749938
2/14/1986	14.40%	10.24%	4.16%	-2.278457
2/18/1986	16.00%	10.23%	5.77%	-2.2797386
2/24/1986	14.50%	10.18%	4.32%	-2.2848287
2/26/1986	14.00%	10.15%	3.85%	-2.2875152
3/5/1986	14.90%	10.08%	4.82%	-2.2949935
3/11/1986	14.50%	10.02%	4.48%	-2.3007433
3/12/1986	13.50%	10.00%	3.50%	-2.3021957
3/27/1986	14.10%	9.86%	4.24%	-2.3171309
3/31/1986	13.50%	9.84%	3.66%	-2.3186962
4/1/1986	14.00%	9.83%	4.17%	-2.32021
4/2/1986	15.50%	9.81%	5.69%	-2.3217776
4/4/1986	15.00%	9.78%	5.22%	-2.3247264
4/14/1986	13.40%	9.69%	3.71%	-2.3341294
4/23/1986	15.00%	9.57%	5.43%	-2.3460491
5/16/1986	14.50%	9.32%	5.18%	-2.3728482
5/16/1986	14.50%	9.32%	5.18%	-2.3728482
5/29/1986	13.90%	9.19%	4.71%	-2.3865212
5/30/1986	15.10%	9.18%	5.92%	-2.3880727
6/2/1986	12.81%	9.17%	3.64%	-2.3895585
6/11/1986	14.00%	9.07%	4.93%	-2.4001863
6/24/1986	16.63%	8.94%	7.69%	-2.4149053
6/26/1986	12.00%	8.91%	3.09%	-2.4185382
6/26/1986	14.75%	8.91%	5.84%	-2.4185382
6/30/1986	13.00%	8.87%	4.13%	-2.4224142
7/10/1986	14.34%	8.75%	5.59%	-2.4362016
7/11/1986	12.75%	8.73%	4.02%	-2.4381431
7/14/1986	12.60%	8.71%	3.89%	-2.4401423
7/17/1986	12.40%	8.66%	3.74%	-2.4459608
7/25/1986	14.25%	8.57%	5.68%	-2.4573588
8/6/1986	13.50%	8.44%	5.06%	-2.4718532
8/14/1986	13.50%	8.35%	5.15%	-2.482732
9/16/1986	12.75%	8.06%	4.69%	-2.517678
9/19/1986	13.25%	8.03%	5.22%	-2.5217005
10/1/1986	14.00%	7.95%	6.05%	-2.5321052
10/3/1986	13.40%	7.93%	5.47%	-2.5345096
10/31/1986	13.50%	7.77%	5.73%	-2.554395
11/5/1986	13.00%	7.75%	5.25%	-2.5579058
12/3/1986	12.90%	7.58%	5.32%	-2.5791782

12/4/1986	14.44%	7.58%	6.86%	-2.5802858
12/16/1986	13.60%	7.52%	6.08%	-2.5872338
12/22/1986	13.80%	7.51%	6.29%	-2.5893689
12/30/1986	13.00%	7.49%	5.51%	-2.591566
1/2/1987	13.00%	7.49%	5.51%	-2.5922224
1/12/1987	12.40%	7.47%	4.93%	-2.5948075
1/27/1987	12.71%	7.46%	5.25%	-2.5959198
3/2/1987	12.47%	7.47%	5.00%	-2.5938924
3/3/1987	13.60%	7.47%	6.13%	-2.5938609
3/4/1987	12.38%	7.47%	4.91%	-2.5938429
3/10/1987	13.50%	7.47%	6.03%	-2.5940717
3/13/1987	13.00%	7.47%	5.53%	-2.5941386
3/31/1987	13.00%	7.46%	5.54%	-2.5949602
4/6/1987	13.00%	7.47%	5.53%	-2.5941534
4/14/1987	12.50%	7.49%	5.01%	-2.5913464
4/16/1987	14.50%	7.50%	7.00%	-2.5901572
4/27/1987	12.00%	7.54%	4.46%	-2.5850024
5/5/1987	12.85%	7.58%	5.27%	-2.5793127
5/12/1987	12.65%	7.62%	5.03%	-2.5743781
5/28/1987	13.50%	7.70%	5.80%	-2.5643441
6/15/1987	13.20%	7.78%	5.42%	-2.5536646
6/29/1987	15.00%	7.83%	7.17%	-2.5467231
6/30/1987	12.50%	7.84%	4.66%	-2.5461189
7/8/1987	12.00%	7.86%	4.14%	-2.5436813
7/10/1987	12.90%	7.86%	5.04%	-2.5427807
7/15/1987	13.50%	7.88%	5.62%	-2.5411793
7/16/1987	13.50%	7.88%	5.62%	-2.5405923
7/16/1987	15.00%	7.88%	7.12%	-2.5405923
7/27/1987	13.00%	7.92%	5.08%	-2.5355921
7/27/1987	13.40%	7.92%	5.48%	-2.5355921
7/27/1987	13.50%	7.92%	5.58%	-2.5355921
7/31/1987	12.98%	7.95%	5.03%	-2.5324543
8/26/1987	12.63%	8.06%	4.57%	-2.518807
8/26/1987	12.75%	8.06%	4.69%	-2.518807
8/27/1987	13.25%	8.06%	5.19%	-2.5179019
9/9/1987	13.00%	8.14%	4.86%	-2.5086497
9/30/1987	12.75%	8.31%	4.44%	-2.4881222
9/30/1987	13.00%	8.31%	4.69%	-2.4881222
10/2/1987	11.50%	8.33%	3.17%	-2.4853085
10/15/1987	13.00%	8.43%	4.57%	-2.4730692
11/2/1987	13.00%	8.55%	4.45%	-2.4595395
11/19/1987	13.00%	8.64%	4.36%	-2.4492533
11/30/1987	12.00%	8.68%	3.32%	-2.444083
12/3/1987	14.20%	8.70%	5.50%	-2.4414518
12/15/1987	13.25%	8.77%	4.48%	-2.4334292
12/16/1987	13.50%	8.78%	4.72%	-2.4324728
12/16/1987	13.72%	8.78%	4.94%	-2.4324728
12/17/1987	11.75%	8.79%	2.96%	-2.4315282
12/18/1987	13.50%	8.80%	4.70%	-2.4306799
12/21/1987	12.01%	8.81%	3.20%	-2.4297908
12/22/1987	12.00%	8.81%	3.19%	-2.4289219
12/22/1987	12.00%	8.81%	3.19%	-2.4289219
12/22/1987	12.75%	8.81%	3.94%	-2.4289219
12/22/1987	13.00%	8.81%	4.19%	-2.4289219
1/20/1988	13.80%	8.94%	4.86%	-2.4151778
1/26/1988	13.90%	8.95%	4.95%	-2.4134368
1/29/1988	13.20%	8.96%	4.24%	-2.4127064
2/4/1988	12.60%	8.96%	3.64%	-2.4125088
3/1/1988	11.56%	8.94%	2.62%	-2.414478
3/23/1988	12.87%	8.92%	3.95%	-2.4169286
3/24/1988	11.24%	8.92%	2.32%	-2.4168826
3/30/1988	12.72%	8.92%	3.80%	-2.4167762
4/1/1988	12.50%	8.92%	3.58%	-2.4166254
4/7/1988	13.25%	8.93%	4.32%	-2.4157919
4/25/1988	10.96%	8.96%	2.00%	-2.4127114
5/3/1988	12.91%	8.97%	3.94%	-2.4108376
5/11/1988	13.50%	8.99%	4.51%	-2.4092459
5/16/1988	13.00%	8.99%	4.01%	-2.4087309
6/30/1988	12.75%	9.00%	3.75%	-2.408299
7/1/1988	12.75%	8.99%	3.76%	-2.4086675
7/20/1988	13.40%	8.96%	4.44%	-2.4121121
8/5/1988	12.75%	8.92%	3.83%	-2.417062
8/23/1988	11.70%	8.93%	2.77%	-2.4158764
8/29/1988	12.75%	8.94%	3.81%	-2.4146318
8/30/1988	13.50%	8.94%	4.56%	-2.4143802
9/8/1988	12.60%	8.95%	3.65%	-2.4136552
10/13/1988	13.10%	8.93%	4.17%	-2.4152024
12/19/1988	13.00%	9.02%	3.98%	-2.4061522
12/20/1988	12.25%	9.02%	3.23%	-2.4057996
12/20/1988	13.00%	9.02%	3.98%	-2.4057996
12/21/1988	12.90%	9.02%	3.88%	-2.4055391
12/27/1988	13.00%	9.03%	3.97%	-2.4048471
12/28/1988	13.10%	9.03%	4.07%	-2.4046034
12/30/1988	13.40%	9.04%	4.36%	-2.4040582
1/27/1989	13.00%	9.05%	3.95%	-2.4019321
1/31/1989	13.00%	9.05%	3.95%	-2.4018724
2/17/1989	13.00%	9.05%	3.95%	-2.4021718
2/20/1989	12.40%	9.05%	3.35%	-2.4021718
3/1/1989	12.76%	9.05%	3.71%	-2.4021463
3/8/1989	13.00%	9.05%	3.95%	-2.4023734
3/30/1989	14.00%	9.05%	4.95%	-2.4026414
4/5/1989	14.20%	9.05%	5.15%	-2.4024806
4/18/1989	13.00%	9.05%	3.95%	-2.4019729
5/5/1989	12.40%	9.05%	3.35%	-2.4024585
6/2/1989	13.20%	9.00%	4.20%	-2.4075685
6/8/1989	13.50%	8.98%	4.52%	-2.4098791
6/27/1989	13.25%	8.91%	4.34%	-2.4174624
6/30/1989	13.00%	8.90%	4.10%	-2.4189976
8/14/1989	12.50%	8.77%	3.73%	-2.4342149
9/28/1989	12.25%	8.63%	3.62%	-2.449983
10/24/1989	12.50%	8.54%	3.96%	-2.4602254
11/9/1989	13.00%	8.49%	4.51%	-2.4668603
12/15/1989	13.00%	8.34%	4.66%	-2.4843342
12/20/1989	12.90%	8.32%	4.58%	-2.4866444
12/21/1989	12.90%	8.31%	4.59%	-2.4874032

12/27/1989	12.50%	8.29%	4.21%	-2.4896185
12/27/1989	13.00%	8.29%	4.71%	-2.4896185
1/10/1990	12.80%	8.24%	4.56%	-2.4959727
1/11/1990	12.90%	8.24%	4.66%	-2.4965522
1/17/1990	12.80%	8.22%	4.58%	-2.4985708
1/26/1990	12.00%	8.20%	3.80%	-2.5014825
2/9/1990	12.10%	8.17%	3.93%	-2.5043005
2/24/1990	12.86%	8.15%	4.71%	-2.5071185
3/30/1990	12.90%	8.16%	4.74%	-2.5057961
4/4/1990	15.76%	8.17%	7.59%	-2.5052492
4/12/1990	12.52%	8.18%	4.34%	-2.5035508
4/19/1990	12.75%	8.20%	4.55%	-2.5015136
5/21/1990	12.10%	8.28%	3.82%	-2.4909239
5/29/1990	12.40%	8.30%	4.10%	-2.4892201
5/31/1990	12.00%	8.30%	3.70%	-2.4887719
6/4/1990	12.90%	8.30%	4.60%	-2.4884594
6/6/1990	12.25%	8.31%	3.94%	-2.4881764
6/15/1990	13.20%	8.32%	4.88%	-2.4870694
6/20/1990	12.92%	8.32%	4.60%	-2.4863541
6/27/1990	12.90%	8.33%	4.57%	-2.4851435
6/29/1990	12.50%	8.33%	4.17%	-2.4847919
7/6/1990	12.10%	8.34%	3.76%	-2.4842617
7/6/1990	12.35%	8.34%	4.01%	-2.4842617
8/10/1990	12.55%	8.41%	4.14%	-2.4760555
8/16/1990	13.21%	8.43%	4.78%	-2.473902
8/22/1990	13.10%	8.45%	4.65%	-2.4713529
8/24/1990	13.00%	8.46%	4.54%	-2.46985
9/26/1990	11.45%	8.59%	2.86%	-2.4546384
10/2/1990	13.00%	8.61%	4.39%	-2.4521739
10/5/1990	12.84%	8.62%	4.22%	-2.4507134
10/19/1990	13.00%	8.67%	4.33%	-2.4457911
10/25/1990	12.30%	8.68%	3.62%	-2.4446061
11/21/1990	12.70%	8.69%	4.01%	-2.442751
12/13/1990	12.30%	8.67%	3.63%	-2.4449312
12/17/1990	12.87%	8.67%	4.20%	-2.4454312
12/18/1990	13.10%	8.67%	4.43%	-2.4457929
12/19/1990	12.00%	8.66%	3.34%	-2.4460375
12/20/1990	12.75%	8.66%	4.09%	-2.4462586
12/21/1990	12.50%	8.66%	3.84%	-2.4464081
12/27/1990	12.79%	8.66%	4.13%	-2.4468222
1/2/1991	13.10%	8.65%	4.45%	-2.4470498
1/4/1991	12.50%	8.65%	3.85%	-2.4474057
1/15/1991	12.75%	8.64%	4.11%	-2.4482243
1/25/1991	11.70%	8.63%	3.07%	-2.4501198
2/4/1991	12.50%	8.60%	3.90%	-2.4528849
2/7/1991	12.50%	8.59%	3.91%	-2.4546029
2/12/1991	13.00%	8.58%	4.43%	-2.4563192
2/14/1991	12.72%	8.57%	4.15%	-2.4573238
2/22/1991	12.80%	8.55%	4.25%	-2.4597361
3/6/1991	13.10%	8.53%	4.57%	-2.4618212
3/8/1991	12.30%	8.52%	3.78%	-2.46222
3/8/1991	13.00%	8.52%	4.48%	-2.46222
4/22/1991	13.00%	8.49%	4.51%	-2.4662671
5/7/1991	13.50%	8.47%	5.03%	-2.4682555
5/13/1991	13.25%	8.47%	4.78%	-2.4686184
5/30/1991	12.75%	8.44%	4.31%	-2.4726655
6/12/1991	12.00%	8.41%	3.59%	-2.475977
6/25/1991	11.70%	8.39%	3.31%	-2.4784509
6/28/1991	12.50%	8.38%	4.12%	-2.4794816
7/1/1991	12.00%	8.38%	3.62%	-2.4798409
7/3/1991	12.50%	8.37%	4.13%	-2.4807033
7/19/1991	12.10%	8.34%	3.76%	-2.4839763
8/1/1991	12.90%	8.32%	4.58%	-2.4865338
8/16/1991	13.20%	8.29%	4.91%	-2.4902384
9/27/1991	12.50%	8.23%	4.27%	-2.4969371
9/30/1991	12.25%	8.23%	4.02%	-2.497194
10/17/1991	13.00%	8.20%	4.80%	-2.5006184
10/23/1991	12.50%	8.20%	4.30%	-2.5014227
10/23/1991	12.55%	8.20%	4.35%	-2.5014227
10/31/1991	11.80%	8.19%	3.61%	-2.5022532
11/1/1991	12.00%	8.19%	3.81%	-2.5024346
11/5/1991	12.25%	8.19%	4.06%	-2.5027033
11/12/1991	12.50%	8.18%	4.32%	-2.5033992
11/12/1991	13.25%	8.18%	5.07%	-2.5033992
11/25/1991	12.40%	8.18%	4.22%	-2.5038277
11/26/1991	11.60%	8.18%	3.42%	-2.5038534
11/26/1991	12.50%	8.18%	4.32%	-2.5038534
11/27/1991	12.10%	8.18%	3.92%	-2.5038987
12/18/1991	12.25%	8.15%	4.10%	-2.5072989
12/19/1991	12.60%	8.15%	4.45%	-2.507634
12/19/1991	12.80%	8.15%	4.65%	-2.507634
12/20/1991	12.65%	8.14%	4.51%	-2.5080631
1/9/1992	12.80%	8.09%	4.71%	-2.5147046
1/16/1992	12.75%	8.07%	4.68%	-2.5166859
1/21/1992	12.00%	8.06%	3.94%	-2.517776
1/22/1992	13.00%	8.06%	4.94%	-2.5180798
1/27/1992	12.65%	8.05%	4.60%	-2.5189374
1/31/1992	12.00%	8.04%	3.96%	-2.5202139
2/11/1992	12.40%	8.03%	4.37%	-2.5220566
2/25/1992	12.50%	8.01%	4.49%	-2.5242703
3/16/1992	11.43%	7.98%	3.45%	-2.5276568
3/18/1992	12.28%	7.98%	4.30%	-2.5282431
4/2/1992	12.10%	7.95%	4.15%	-2.5320039
4/9/1992	11.45%	7.94%	3.51%	-2.5337287
4/10/1992	11.50%	7.93%	3.57%	-2.5340683
4/14/1992	11.50%	7.93%	3.57%	-2.5348671
5/5/1992	11.50%	7.89%	3.61%	-2.539059
5/12/1992	11.87%	7.88%	3.99%	-2.5403056
5/12/1992	12.46%	7.88%	4.58%	-2.5403056
6/1/1992	12.30%	7.87%	4.43%	-2.5426841
6/12/1992	10.90%	7.86%	3.04%	-2.5438926
6/26/1992	12.35%	7.85%	4.50%	-2.5448815
6/29/1992	11.00%	7.85%	3.15%	-2.5449752
6/30/1992	13.00%	7.85%	5.15%	-2.5450465
7/13/1992	11.90%	7.84%	4.06%	-2.5462579

7/13/1992	13.50%	7.84%	5.66%	-2.5462579
7/22/1992	11.20%	7.83%	3.37%	-2.5472032
8/3/1992	12.00%	7.81%	4.19%	-2.5498536
8/6/1992	12.50%	7.80%	4.70%	-2.5509151
9/22/1992	12.00%	7.71%	4.29%	-2.5621119
9/28/1992	11.40%	7.71%	3.69%	-2.5630399
9/30/1992	11.75%	7.70%	4.05%	-2.5633643
10/2/1992	13.00%	7.70%	5.30%	-2.56362
10/12/1992	12.20%	7.70%	4.50%	-2.5636999
10/16/1992	13.16%	7.70%	5.46%	-2.5634578
10/30/1992	11.75%	7.71%	4.04%	-2.563073
11/3/1992	12.00%	7.71%	4.29%	-2.5631508
12/3/1992	11.85%	7.68%	4.17%	-2.5665871
12/15/1992	11.00%	7.66%	3.34%	-2.5688808
12/16/1992	11.90%	7.66%	4.24%	-2.569168
12/16/1992	12.40%	7.66%	4.74%	-2.569168
12/17/1992	12.00%	7.66%	4.34%	-2.5694814
12/22/1992	12.30%	7.65%	4.65%	-2.5707273
12/22/1992	12.40%	7.65%	4.75%	-2.5707273
12/29/1992	12.25%	7.63%	4.62%	-2.5728641
12/30/1992	12.00%	7.63%	4.37%	-2.5732901
12/31/1992	11.90%	7.63%	4.27%	-2.57365
1/12/1993	12.00%	7.61%	4.39%	-2.5761151
1/21/1993	11.25%	7.59%	3.66%	-2.5785718
2/2/1993	11.40%	7.56%	3.84%	-2.582471
2/15/1993	12.30%	7.52%	4.78%	-2.5875509
2/24/1993	11.90%	7.49%	4.41%	-2.5916868
2/26/1993	11.80%	7.48%	4.32%	-2.5928839
2/26/1993	12.20%	7.48%	4.72%	-2.5928839
4/23/1993	11.75%	7.29%	4.46%	-2.6189067
5/11/1993	11.75%	7.25%	4.50%	-2.6247309
5/14/1993	11.50%	7.24%	4.26%	-2.6258011
5/25/1993	11.50%	7.23%	4.27%	-2.6276133
5/28/1993	11.00%	7.22%	3.78%	-2.628426
6/3/1993	12.00%	7.21%	4.79%	-2.6298073
6/16/1993	11.50%	7.19%	4.31%	-2.6329757
6/18/1993	12.10%	7.18%	4.92%	-2.6335937
6/25/1993	11.67%	7.17%	4.50%	-2.6355393
7/21/1993	11.38%	7.10%	4.28%	-2.6454452
7/23/1993	10.46%	7.09%	3.37%	-2.6466076
8/24/1993	11.50%	6.96%	4.54%	-2.6653255
9/21/1993	10.50%	6.81%	3.69%	-2.6870696
9/29/1993	11.47%	6.77%	4.70%	-2.6932343
9/30/1993	11.60%	6.76%	4.84%	-2.6942176
11/2/1993	10.80%	6.60%	4.20%	-2.7175598
11/12/1993	12.00%	6.57%	5.43%	-2.7231519
11/26/1993	11.00%	6.52%	4.48%	-2.7300458
12/14/1993	10.55%	6.48%	4.07%	-2.7359591
12/16/1993	10.60%	6.48%	4.12%	-2.7366287
12/21/1993	11.30%	6.47%	4.83%	-2.73777
1/4/1994	10.07%	6.44%	3.63%	-2.7420789
1/13/1994	11.00%	6.42%	4.58%	-2.7458494
1/21/1994	11.00%	6.40%	4.60%	-2.7483957
1/28/1994	11.35%	6.39%	4.96%	-2.750166
2/3/1994	11.40%	6.38%	5.02%	-2.751832
2/17/1994	10.60%	6.36%	4.24%	-2.755038
2/25/1994	11.25%	6.35%	4.90%	-2.7563926
2/25/1994	12.00%	6.35%	5.65%	-2.7563926
3/1/1994	11.00%	6.35%	4.65%	-2.7568524
3/4/1994	11.00%	6.35%	4.65%	-2.757232
4/25/1994	11.00%	6.41%	4.59%	-2.748085
5/10/1994	11.75%	6.45%	5.30%	-2.7418229
5/13/1994	10.50%	6.46%	4.04%	-2.7394728
6/3/1994	11.00%	6.54%	4.46%	-2.7277607
6/27/1994	11.40%	6.65%	4.75%	-2.7110655
8/5/1994	12.75%	6.88%	5.87%	-2.6772335
10/31/1994	10.00%	7.33%	2.67%	-2.6137405
11/9/1994	10.85%	7.39%	3.46%	-2.6050066
11/9/1994	10.85%	7.39%	3.46%	-2.6050066
11/18/1994	11.20%	7.45%	3.75%	-2.5969145
11/22/1994	11.60%	7.47%	4.13%	-2.5947164
11/28/1994	11.06%	7.49%	3.57%	-2.5910188
12/8/1994	11.50%	7.54%	3.96%	-2.5845403
12/8/1994	11.70%	7.54%	4.16%	-2.5845403
12/14/1994	10.95%	7.56%	3.39%	-2.5817839
12/15/1994	11.50%	7.57%	3.93%	-2.5811812
12/19/1994	11.50%	7.58%	3.92%	-2.5799618
12/28/1994	12.15%	7.61%	4.54%	-2.5755822
1/9/1995	12.28%	7.64%	4.64%	-2.5715671
1/31/1995	11.00%	7.69%	3.31%	-2.565624
2/10/1995	12.60%	7.70%	4.90%	-2.5637895
2/17/1995	11.90%	7.70%	4.20%	-2.5636609
3/9/1995	11.50%	7.71%	3.79%	-2.562062
3/20/1995	12.00%	7.72%	4.28%	-2.5615476
3/23/1995	12.81%	7.72%	5.09%	-2.5613707
3/29/1995	11.60%	7.72%	3.88%	-2.5615968
4/6/1995	11.10%	7.71%	3.39%	-2.5620406
4/7/1995	11.00%	7.71%	3.29%	-2.5621858
4/19/1995	11.00%	7.70%	3.30%	-2.5636616
5/12/1995	11.63%	7.68%	3.95%	-2.5669934
5/25/1995	11.20%	7.65%	3.55%	-2.570811
6/9/1995	11.25%	7.60%	3.65%	-2.5770713
6/21/1995	12.25%	7.56%	4.69%	-2.5824723
6/30/1995	11.10%	7.52%	3.58%	-2.5881008
9/11/1995	11.30%	7.20%	4.10%	-2.6304158
9/27/1995	11.30%	7.12%	4.18%	-2.6416033
9/27/1995	11.50%	7.12%	4.38%	-2.6416033
9/27/1995	11.75%	7.12%	4.63%	-2.6416033
9/29/1995	11.00%	7.11%	3.89%	-2.6434247
11/9/1995	11.38%	6.90%	4.48%	-2.6740155
11/9/1995	12.36%	6.90%	5.46%	-2.6740155
11/17/1995	11.00%	6.86%	4.14%	-2.6800183
12/4/1995	11.35%	6.78%	4.57%	-2.691064
12/11/1995	11.40%	6.74%	4.66%	-2.6964228
12/20/1995	11.60%	6.70%	4.90%	-2.7035344

12/27/1995	12.00%	6.66%	5.34%	-2.7085951
2/5/1996	12.25%	6.48%	5.77%	-2.7364427
3/29/1996	10.67%	6.42%	4.25%	-2.7462054
4/8/1996	11.00%	6.42%	4.58%	-2.7456462
4/11/1996	12.59%	6.43%	6.16%	-2.7448911
4/11/1996	12.59%	6.43%	6.16%	-2.7448911
4/24/1996	11.25%	6.43%	4.82%	-2.7436973
4/30/1996	11.00%	6.43%	4.57%	-2.7438528
5/13/1996	11.00%	6.44%	4.56%	-2.7430229
5/23/1996	11.25%	6.43%	4.82%	-2.7434766
6/25/1996	11.25%	6.48%	4.77%	-2.7368394
6/27/1996	11.20%	6.48%	4.72%	-2.7360616
8/12/1996	10.40%	6.57%	3.83%	-2.7224768
9/27/1996	11.00%	6.71%	4.29%	-2.7019543
10/16/1996	12.25%	6.76%	5.49%	-2.6941051
11/5/1996	11.00%	6.81%	4.19%	-2.6870314
11/26/1996	11.30%	6.83%	4.47%	-2.6834964
12/18/1996	11.75%	6.83%	4.92%	-2.6831722
12/31/1996	11.50%	6.83%	4.67%	-2.6836486
1/3/1997	10.70%	6.83%	3.87%	-2.6836171
2/13/1997	11.80%	6.82%	4.98%	-2.68472
2/20/1997	11.80%	6.82%	4.98%	-2.6858849
3/31/1997	10.02%	6.80%	3.22%	-2.6878712
4/2/1997	11.65%	6.80%	4.85%	-2.6878227
4/28/1997	11.50%	6.81%	4.69%	-2.6866892
4/29/1997	11.70%	6.81%	4.89%	-2.6866819
7/17/1997	12.00%	6.77%	5.23%	-2.6922925
12/12/1997	11.00%	6.60%	4.40%	-2.7174507
12/23/1997	11.12%	6.57%	4.55%	-2.7226267
2/2/1998	12.75%	6.39%	6.36%	-2.7501863
3/2/1998	11.25%	6.29%	4.96%	-2.7664405
3/6/1998	10.75%	6.27%	4.48%	-2.7694345
3/20/1998	10.50%	6.22%	4.28%	-2.7768297
4/30/1998	12.20%	6.12%	6.08%	-2.7931082
7/10/1998	11.40%	5.94%	5.46%	-2.8239157
9/15/1998	11.90%	5.78%	6.12%	-2.8505183
11/30/1998	12.60%	5.58%	7.02%	-2.8856616
12/10/1998	12.20%	5.54%	6.66%	-2.8927236
12/17/1998	12.10%	5.52%	6.58%	-2.8969735
2/5/1999	10.30%	5.38%	4.92%	-2.9220358
3/4/1999	10.50%	5.34%	5.16%	-2.9302732
4/6/1999	10.94%	5.32%	5.62%	-2.9333332
7/29/1999	10.75%	5.52%	5.23%	-2.8974964
9/23/1999	10.75%	5.70%	5.05%	-2.864747
11/17/1999	11.10%	5.90%	5.20%	-2.8309902
1/7/2000	11.50%	6.05%	5.45%	-2.8056153
1/7/2000	11.50%	6.05%	5.45%	-2.8056153
2/17/2000	10.60%	6.17%	4.43%	-2.7849026
3/28/2000	11.25%	6.20%	5.05%	-2.7814261
5/24/2000	11.00%	6.18%	4.82%	-2.7835429
7/18/2000	12.20%	6.16%	6.04%	-2.787635
9/29/2000	11.16%	6.03%	5.13%	-2.8081935
11/28/2000	12.90%	5.89%	7.01%	-2.8322334
11/30/2000	12.10%	5.88%	6.22%	-2.8330515
1/23/2001	11.25%	5.79%	5.46%	-2.8485475
2/8/2001	11.50%	5.77%	5.73%	-2.8522954
5/8/2001	10.75%	5.62%	5.13%	-2.8787896
6/26/2001	11.00%	5.62%	5.38%	-2.8784623
7/25/2001	11.02%	5.60%	5.42%	-2.8828251
7/25/2001	11.02%	5.60%	5.42%	-2.8828251
7/31/2001	11.00%	5.59%	5.41%	-2.8835212
8/31/2001	10.50%	5.56%	4.94%	-2.8898131
9/7/2001	10.75%	5.55%	5.20%	-2.8908697
9/10/2001	11.00%	5.55%	5.45%	-2.891048
9/20/2001	10.00%	5.55%	4.45%	-2.8915822
10/24/2001	10.30%	5.54%	4.76%	-2.8929474
11/28/2001	10.60%	5.49%	5.11%	-2.9021436
12/3/2001	12.88%	5.49%	7.39%	-2.9028058
12/20/2001	12.50%	5.50%	7.00%	-2.9010923
1/22/2002	10.00%	5.50%	4.50%	-2.9009595
3/27/2002	10.10%	5.45%	4.65%	-2.9100556
4/22/2002	11.80%	5.45%	6.35%	-2.9094316
5/28/2002	10.17%	5.46%	4.71%	-2.9069224
6/10/2002	12.00%	5.47%	6.53%	-2.9052135
6/18/2002	11.16%	5.48%	5.68%	-2.9048812
6/20/2002	11.00%	5.48%	5.52%	-2.9048769
6/20/2002	12.30%	5.48%	6.82%	-2.9048769
7/15/2002	11.00%	5.48%	5.52%	-2.904958
9/12/2002	12.30%	5.45%	6.85%	-2.9092149
9/26/2002	10.45%	5.41%	5.04%	-2.9165777
12/4/2002	11.55%	5.29%	6.26%	-2.9391932
12/13/2002	11.75%	5.27%	6.48%	-2.9432622
12/20/2002	11.40%	5.25%	6.15%	-2.9470648
1/8/2003	11.10%	5.19%	5.91%	-2.9583275
1/31/2003	12.45%	5.13%	7.32%	-2.9705027
2/28/2003	12.30%	5.05%	7.25%	-2.9867412
3/6/2003	10.75%	5.03%	5.72%	-2.9905625
3/7/2003	9.96%	5.02%	4.94%	-2.9914889
3/20/2003	12.00%	4.98%	7.02%	-2.9989389
4/3/2003	12.00%	4.96%	7.04%	-3.0042162
4/15/2003	11.15%	4.94%	6.21%	-3.0084169
6/25/2003	10.75%	4.79%	5.96%	-3.038147
6/26/2003	10.75%	4.79%	5.96%	-3.0382929
7/9/2003	9.75%	4.79%	4.96%	-3.038784
7/16/2003	9.75%	4.79%	4.96%	-3.0382621
7/25/2003	9.50%	4.80%	4.70%	-3.0375007
8/26/2003	10.50%	4.83%	5.67%	-3.0302383
12/17/2003	9.85%	4.94%	4.91%	-3.0087414
12/17/2003	10.70%	4.94%	5.76%	-3.0087414
12/18/2003	11.50%	4.94%	6.56%	-3.0085406
12/19/2003	12.00%	4.94%	7.06%	-3.008279
12/19/2003	12.00%	4.94%	7.06%	-3.008279
12/23/2003	10.50%	4.94%	5.56%	-3.0079202
1/13/2004	12.00%	4.95%	7.05%	-3.0060914
3/2/2004	10.75%	4.99%	5.76%	-2.9982463

3/26/2004	10.25%	5.02%	5.23%	-2.9915145
4/5/2004	11.25%	5.03%	6.22%	-2.9892077
5/18/2004	10.50%	5.07%	5.43%	-2.9811315
5/25/2004	10.25%	5.08%	5.17%	-2.9807544
5/27/2004	10.25%	5.08%	5.17%	-2.9806371
6/2/2004	11.22%	5.08%	6.14%	-2.9802752
6/30/2004	10.50%	5.10%	5.40%	-2.975934
6/30/2004	10.50%	5.10%	5.40%	-2.975934
7/16/2004	11.60%	5.11%	6.49%	-2.9739613
8/25/2004	10.25%	5.10%	5.15%	-2.975367
9/9/2004	10.40%	5.10%	5.30%	-2.9764478
11/9/2004	10.50%	5.07%	5.43%	-2.9828036
11/23/2004	11.00%	5.06%	5.94%	-2.983243
12/14/2004	10.97%	5.07%	5.90%	-2.9827736
12/21/2004	11.25%	5.07%	6.18%	-2.9822109
12/21/2004	11.50%	5.07%	6.43%	-2.9822109
12/22/2004	10.70%	5.07%	5.63%	-2.9820499
12/22/2004	11.50%	5.07%	6.43%	-2.9820499
12/29/2004	9.85%	5.07%	4.78%	-2.980979
1/6/2005	10.70%	5.08%	5.62%	-2.9805448
2/18/2005	10.30%	4.98%	5.32%	-3.0001973
2/25/2005	10.50%	4.96%	5.54%	-3.0041623
3/10/2005	11.00%	4.93%	6.07%	-3.0101984
3/24/2005	10.30%	4.90%	5.40%	-3.0165142
4/4/2005	10.00%	4.88%	5.12%	-3.0206364
4/7/2005	10.25%	4.87%	5.38%	-3.0223386
5/18/2005	10.25%	4.78%	5.47%	-3.0406302
5/25/2005	10.75%	4.76%	5.99%	-3.0438822
5/26/2005	9.75%	4.76%	4.99%	-3.0445103
6/1/2005	9.75%	4.75%	5.00%	-3.0474474
7/19/2005	11.50%	4.64%	6.86%	-3.0694251
8/5/2005	11.75%	4.62%	7.13%	-3.0739867
8/15/2005	10.13%	4.61%	5.52%	-3.0760712
9/28/2005	10.00%	4.54%	5.46%	-3.0916528
10/4/2005	10.75%	4.54%	6.21%	-3.0929609
12/12/2005	11.00%	4.55%	6.45%	-3.0904814
12/13/2005	10.75%	4.55%	6.20%	-3.0904628
12/21/2005	10.29%	4.54%	5.75%	-3.0914071
12/21/2005	10.40%	4.54%	5.86%	-3.0914071
12/22/2005	11.00%	4.54%	6.46%	-3.0915833
12/22/2005	11.15%	4.54%	6.61%	-3.0915833
12/28/2005	10.00%	4.54%	5.46%	-3.0926516
12/28/2005	10.00%	4.54%	5.46%	-3.0926516
1/5/2006	11.00%	4.53%	6.47%	-3.0946973
1/27/2006	9.75%	4.52%	5.23%	-3.0966053
3/3/2006	10.39%	4.53%	5.86%	-3.0942693
4/17/2006	10.20%	4.61%	5.59%	-3.0759052
4/26/2006	10.60%	4.64%	5.96%	-3.0704974
5/17/2006	11.60%	4.69%	6.91%	-3.0588472
6/6/2006	10.00%	4.74%	5.26%	-3.0482719
6/27/2006	10.75%	4.80%	5.95%	-3.0365907
7/6/2006	10.20%	4.83%	5.37%	-3.0313546
7/24/2006	9.60%	4.86%	4.74%	-3.0249493
7/26/2006	10.50%	4.86%	5.64%	-3.0241169
7/28/2006	10.05%	4.86%	5.19%	-3.0232699
8/23/2006	9.55%	4.89%	4.66%	-3.0185051
9/1/2006	10.54%	4.90%	5.64%	-3.0168105
9/14/2006	10.00%	4.91%	5.09%	-3.0147555
10/6/2006	9.67%	4.92%	4.75%	-3.0122367
11/21/2006	10.08%	4.95%	5.13%	-3.0056269
11/21/2006	10.08%	4.95%	5.13%	-3.0056269
11/21/2006	10.12%	4.95%	5.17%	-3.0056269
12/1/2006	10.25%	4.95%	5.30%	-3.0049586
12/1/2006	10.50%	4.95%	5.55%	-3.0049586
12/7/2006	10.75%	4.95%	5.80%	-3.0048698
12/21/2006	10.90%	4.95%	5.95%	-3.0052102
12/21/2006	11.25%	4.95%	6.30%	-3.0052102
12/22/2006	10.25%	4.95%	5.30%	-3.0051694
1/5/2007	10.00%	4.95%	5.05%	-3.0052429
1/11/2007	10.10%	4.95%	5.15%	-3.0058639
1/11/2007	10.10%	4.95%	5.15%	-3.0058639
1/11/2007	10.90%	4.95%	5.95%	-3.0058639
1/12/2007	10.10%	4.95%	5.15%	-3.0060612
1/13/2007	10.40%	4.95%	5.45%	-3.0060612
1/19/2007	10.80%	4.94%	5.86%	-3.0071026
3/21/2007	11.35%	4.87%	6.48%	-3.0228574
3/22/2007	9.75%	4.86%	4.89%	-3.0232291
5/15/2007	10.00%	4.81%	5.19%	-3.0348794
5/17/2007	10.25%	4.81%	5.44%	-3.0352223
5/17/2007	10.25%	4.81%	5.44%	-3.0352223
5/22/2007	10.20%	4.80%	5.40%	-3.0356172
5/22/2007	10.50%	4.80%	5.70%	-3.0356172
5/23/2007	10.70%	4.80%	5.90%	-3.0356048
5/25/2007	9.67%	4.80%	4.87%	-3.0355886
6/15/2007	9.90%	4.82%	5.08%	-3.032061
6/21/2007	10.20%	4.83%	5.37%	-3.0306722
6/22/2007	10.50%	4.83%	5.67%	-3.0303218
6/28/2007	10.75%	4.84%	5.91%	-3.028877
7/12/2007	9.67%	4.86%	4.81%	-3.0243534
7/19/2007	10.00%	4.87%	5.13%	-3.0229975
7/19/2007	10.00%	4.87%	5.13%	-3.0229975
8/15/2007	10.40%	4.88%	5.52%	-3.0201953
10/9/2007	10.00%	4.91%	5.09%	-3.014179
10/17/2007	9.10%	4.91%	4.19%	-3.0133466
10/31/2007	9.96%	4.90%	5.06%	-3.0150474
11/29/2007	10.90%	4.87%	6.03%	-3.0225414
12/6/2007	10.75%	4.86%	5.89%	-3.0241015
12/13/2007	9.96%	4.86%	5.10%	-3.0245207
12/14/2007	10.70%	4.86%	5.84%	-3.0245857
12/14/2007	10.80%	4.86%	5.94%	-3.0245857
12/19/2007	10.20%	4.86%	5.34%	-3.0250911
12/20/2007	10.20%	4.85%	5.35%	-3.0253137
12/20/2007	11.00%	4.85%	6.15%	-3.0253137
12/28/2007	10.25%	4.85%	5.40%	-3.0261654
12/31/2007	11.25%	4.85%	6.40%	-3.0265242

1/8/2008	10.75%	4.83%	5.92%	-3.0294234
1/17/2008	10.75%	4.81%	5.94%	-3.0334447
1/28/2008	9.40%	4.80%	4.60%	-3.0375799
1/30/2008	10.00%	4.79%	5.21%	-3.0385186
1/31/2008	10.71%	4.79%	5.92%	-3.0391013
2/29/2008	10.25%	4.75%	5.50%	-3.0471813
3/12/2008	10.25%	4.73%	5.52%	-3.0516754
3/25/2008	9.10%	4.68%	4.42%	-3.0609604
4/22/2008	10.25%	4.60%	5.65%	-3.0782657
4/24/2008	10.10%	4.60%	5.50%	-3.0795645
5/1/2008	10.70%	4.59%	6.11%	-3.0822367
5/19/2008	11.00%	4.56%	6.44%	-3.0870722
5/27/2008	10.00%	4.55%	5.45%	-3.089707
6/10/2008	10.70%	4.54%	6.16%	-3.0917196
6/27/2008	10.50%	4.54%	5.96%	-3.0925235
6/27/2008	11.04%	4.54%	6.50%	-3.0925235
7/10/2008	10.43%	4.52%	5.91%	-3.0958827
7/16/2008	9.40%	4.52%	4.88%	-3.097465
7/30/2008	10.80%	4.51%	6.29%	-3.0991495
7/31/2008	10.70%	4.51%	6.19%	-3.0992716
8/11/2008	10.25%	4.51%	5.74%	-3.0998116
8/26/2008	10.18%	4.50%	5.68%	-3.1012658
9/10/2008	10.30%	4.50%	5.80%	-3.1021114
9/24/2008	10.65%	4.48%	6.17%	-3.105447
9/24/2008	10.65%	4.48%	6.17%	-3.105447
9/24/2008	10.65%	4.48%	6.17%	-3.105447
9/30/2008	10.20%	4.48%	5.72%	-3.1066614
10/8/2008	10.15%	4.46%	5.69%	-3.1094917
11/13/2008	10.55%	4.45%	6.10%	-3.11334
11/17/2008	10.20%	4.44%	5.76%	-3.1137849
12/1/2008	10.25%	4.40%	5.85%	-3.1245722
12/23/2008	11.00%	4.27%	6.73%	-3.1535888
12/29/2008	10.00%	4.24%	5.76%	-3.161104
12/29/2008	10.20%	4.24%	5.96%	-3.161104
12/31/2008	10.75%	4.22%	6.53%	-3.1650982
1/14/2009	10.50%	4.15%	6.35%	-3.1818421
1/21/2009	10.50%	4.12%	6.38%	-3.1905238
1/21/2009	10.50%	4.12%	6.38%	-3.1905238
1/21/2009	10.50%	4.12%	6.38%	-3.1905238
1/27/2009	10.76%	4.09%	6.67%	-3.1963189
1/30/2009	10.50%	4.08%	6.42%	-3.1999872
2/4/2009	8.75%	4.06%	4.69%	-3.2033603
3/4/2009	10.50%	3.96%	6.54%	-3.2279742
3/12/2009	11.50%	3.93%	7.57%	-3.2363116
4/2/2009	11.10%	3.85%	7.25%	-3.2567237
4/21/2009	10.61%	3.80%	6.81%	-3.2699314
4/24/2009	10.00%	3.79%	6.21%	-3.2730452
4/30/2009	11.25%	3.78%	7.47%	-3.2766309
5/4/2009	10.74%	3.77%	6.97%	-3.2781794
5/20/2009	10.25%	3.74%	6.51%	-3.2851652
5/28/2009	10.50%	3.74%	6.76%	-3.28529
6/22/2009	10.00%	3.76%	6.24%	-3.2797467
6/24/2009	10.80%	3.77%	7.03%	-3.2789243
7/8/2009	10.63%	3.77%	6.86%	-3.2790423
7/17/2009	10.50%	3.78%	6.72%	-3.2763257
8/21/2009	10.25%	3.81%	6.44%	-3.2683752
8/31/2009	10.25%	3.82%	6.43%	-3.265601
10/14/2009	10.70%	4.01%	6.69%	-3.2156934
10/23/2009	10.88%	4.06%	6.82%	-3.2046383
11/2/2009	10.70%	4.09%	6.61%	-3.1963524
11/3/2009	10.70%	4.10%	6.60%	-3.1950269
11/24/2009	10.25%	4.15%	6.10%	-3.1812614
11/25/2009	10.75%	4.16%	6.59%	-3.1804352
11/30/2009	10.35%	4.17%	6.18%	-3.1781733
12/3/2009	10.50%	4.18%	6.32%	-3.175653
12/7/2009	10.70%	4.18%	6.52%	-3.1739066
12/16/2009	10.90%	4.21%	6.69%	-3.1666864
12/16/2009	11.00%	4.21%	6.79%	-3.1666864
12/18/2009	10.40%	4.22%	6.18%	-3.1648013
12/18/2009	10.40%	4.22%	6.18%	-3.1648013
12/22/2009	10.20%	4.23%	5.97%	-3.1629252
12/22/2009	10.40%	4.23%	6.17%	-3.1629252
12/22/2009	10.40%	4.23%	6.17%	-3.1629252
12/30/2009	10.00%	4.26%	5.74%	-3.1558388
1/4/2010	10.80%	4.28%	6.52%	-3.1522661
1/11/2010	11.00%	4.30%	6.70%	-3.1459922
1/26/2010	10.13%	4.35%	5.78%	-3.1349978
1/27/2010	10.40%	4.35%	6.05%	-3.1341256
1/27/2010	10.40%	4.35%	6.05%	-3.1341256
1/27/2010	10.70%	4.35%	6.35%	-3.1341256
2/9/2010	9.80%	4.38%	5.42%	-3.1281197
2/18/2010	10.60%	4.40%	6.20%	-3.1241357
2/24/2010	10.18%	4.41%	5.77%	-3.1217952
3/2/2010	9.63%	4.41%	5.22%	-3.1210182
3/4/2010	10.50%	4.41%	6.09%	-3.1209936
3/5/2010	10.50%	4.41%	6.09%	-3.1206466
3/11/2010	11.90%	4.42%	7.48%	-3.1198767
3/17/2010	10.00%	4.41%	5.59%	-3.1201673
3/25/2010	10.15%	4.42%	5.73%	-3.1197764
4/2/2010	10.10%	4.43%	5.67%	-3.1173904
4/27/2010	10.00%	4.46%	5.54%	-3.1106484
4/29/2010	9.90%	4.46%	5.44%	-3.110403
4/29/2010	10.06%	4.46%	5.60%	-3.110403
4/29/2010	10.26%	4.46%	5.80%	-3.110403
5/12/2010	10.30%	4.45%	5.85%	-3.111211
5/12/2010	10.30%	4.45%	5.85%	-3.111211
5/28/2010	10.10%	4.44%	5.66%	-3.1141307
5/28/2010	10.20%	4.44%	5.76%	-3.1141307
6/7/2010	10.30%	4.44%	5.86%	-3.1143367
6/16/2010	10.00%	4.44%	5.56%	-3.1148688
6/28/2010	9.67%	4.43%	5.24%	-3.1159859
6/28/2010	10.50%	4.43%	6.07%	-3.1159859
6/30/2010	9.40%	4.43%	4.97%	-3.116633
7/1/2010	10.25%	4.43%	5.82%	-3.1169468
7/15/2010	10.53%	4.43%	6.10%	-3.1173507

7/15/2010	10.70%	4.43%	6.27%	-3.1173507
7/30/2010	10.70%	4.41%	6.29%	-3.1202779
8/4/2010	10.50%	4.41%	6.09%	-3.1210816
8/6/2010	9.83%	4.41%	5.42%	-3.1216668
8/25/2010	9.90%	4.37%	5.53%	-3.1302381
9/3/2010	10.60%	4.35%	6.25%	-3.1351978
9/14/2010	10.70%	4.33%	6.37%	-3.1394279
9/16/2010	10.00%	4.33%	5.67%	-3.1407312
9/16/2010	10.00%	4.33%	5.67%	-3.1407312
9/30/2010	9.75%	4.29%	5.46%	-3.1497641
10/14/2010	10.35%	4.24%	6.11%	-3.1602123
10/28/2010	10.70%	4.21%	6.49%	-3.1679569
11/2/2010	10.38%	4.20%	6.18%	-3.1700005
11/4/2010	10.70%	4.20%	6.50%	-3.1711922
11/19/2010	10.20%	4.18%	6.02%	-3.1755024
11/22/2010	10.00%	4.18%	5.82%	-3.1760346
12/1/2010	10.13%	4.16%	5.97%	-3.1800077
12/6/2010	9.86%	4.15%	5.71%	-3.1810669
12/9/2010	10.25%	4.15%	6.10%	-3.1816527
12/13/2010	10.70%	4.15%	6.55%	-3.1822455
12/14/2010	10.13%	4.15%	5.98%	-3.1824223
12/15/2010	10.44%	4.15%	6.29%	-3.1825386
12/17/2010	10.00%	4.15%	5.85%	-3.1829256
12/20/2010	10.60%	4.15%	6.45%	-3.1831489
12/21/2010	10.30%	4.14%	6.16%	-3.1833526
12/27/2010	9.90%	4.14%	5.76%	-3.1839757
12/29/2010	11.15%	4.14%	7.01%	-3.1844278
1/5/2011	10.15%	4.13%	6.02%	-3.1863872
1/12/2011	10.30%	4.12%	6.18%	-3.188165
1/13/2011	10.30%	4.12%	6.18%	-3.1884733
1/18/2011	10.00%	4.12%	5.88%	-3.1890748
1/20/2011	9.30%	4.12%	5.18%	-3.1894489
1/20/2011	10.13%	4.12%	6.01%	-3.1894489
1/31/2011	9.60%	4.12%	5.48%	-3.1903577
2/3/2011	10.00%	4.12%	5.88%	-3.1902253
2/25/2011	10.00%	4.14%	5.86%	-3.1839103
3/25/2011	9.80%	4.18%	5.62%	-3.1755369
3/30/2011	10.00%	4.18%	5.82%	-3.1740804
4/12/2011	10.00%	4.21%	5.79%	-3.1676497
4/25/2011	10.74%	4.23%	6.51%	-3.1626615
4/26/2011	9.67%	4.23%	5.44%	-3.1621752
4/27/2011	10.40%	4.24%	6.16%	-3.1615097
5/4/2011	10.00%	4.24%	5.76%	-3.1594624
5/4/2011	10.00%	4.24%	5.76%	-3.1594624
5/24/2011	10.50%	4.27%	6.23%	-3.1541138
6/8/2011	10.75%	4.30%	6.45%	-3.146248
6/16/2011	9.20%	4.32%	4.88%	-3.1430451
6/17/2011	9.95%	4.32%	5.63%	-3.1426555
7/13/2011	10.20%	4.36%	5.84%	-3.1320623
8/1/2011	9.20%	4.39%	4.81%	-3.1265027
8/8/2011	10.00%	4.38%	5.62%	-3.1277633
8/11/2011	10.00%	4.38%	5.62%	-3.1290605
8/12/2011	10.35%	4.37%	5.98%	-3.1295102
8/19/2011	10.25%	4.36%	5.89%	-3.1333059
9/2/2011	12.88%	4.32%	8.56%	-3.1418768
9/22/2011	10.00%	4.24%	5.76%	-3.1603228
10/12/2011	10.30%	4.14%	6.16%	-3.1847839
10/20/2011	10.50%	4.10%	6.40%	-3.194371
11/30/2011	10.90%	3.87%	7.03%	-3.2508067
11/30/2011	10.90%	3.87%	7.03%	-3.2508067
12/14/2011	10.00%	3.80%	6.20%	-3.2707759
12/14/2011	10.30%	3.80%	6.50%	-3.2707759
12/20/2011	10.20%	3.76%	6.44%	-3.2794433
12/21/2011	10.20%	3.76%	6.44%	-3.2812438
12/22/2011	9.90%	3.75%	6.15%	-3.2831818
12/22/2011	10.40%	3.75%	6.65%	-3.2831818
12/23/2011	10.19%	3.74%	6.45%	-3.2849961
1/25/2012	10.50%	3.57%	6.93%	-3.3326047
1/27/2012	10.50%	3.56%	6.94%	-3.3365212
2/15/2012	10.20%	3.47%	6.73%	-3.3601442
2/23/2012	9.90%	3.44%	6.46%	-3.370015
2/27/2012	10.25%	3.43%	6.82%	-3.3735357
2/29/2012	10.40%	3.41%	6.99%	-3.3770056
3/29/2012	10.37%	3.32%	7.05%	-3.4062932
4/4/2012	10.00%	3.30%	6.70%	-3.4119143
4/26/2012	10.00%	3.21%	6.79%	-3.4397806
5/2/2012	10.00%	3.18%	6.82%	-3.4470547
5/7/2012	9.80%	3.17%	6.63%	-3.4520995
5/15/2012	10.00%	3.14%	6.86%	-3.4594693
5/29/2012	10.05%	3.11%	6.94%	-3.4712273
6/7/2012	10.30%	3.08%	7.22%	-3.481639
6/14/2012	9.40%	3.06%	6.34%	-3.4863142
6/15/2012	10.40%	3.06%	7.34%	-3.487233
6/18/2012	9.60%	3.06%	6.54%	-3.4881985
6/19/2012	9.25%	3.05%	6.20%	-3.4891709
6/26/2012	10.10%	3.04%	7.06%	-3.493769
6/29/2012	10.00%	3.04%	6.96%	-3.4947095
7/9/2012	10.20%	3.03%	7.17%	-3.4974196
7/16/2012	9.80%	3.02%	6.78%	-3.5002838
7/20/2012	9.31%	3.01%	6.30%	-3.5041345
7/20/2012	9.81%	3.01%	6.80%	-3.5041345
9/13/2012	9.80%	2.94%	6.86%	-3.5268963
9/19/2012	9.80%	2.94%	6.86%	-3.526865
9/19/2012	10.05%	2.94%	7.11%	-3.526865
9/26/2012	9.50%	2.94%	6.56%	-3.5269923
10/12/2012	9.60%	2.93%	6.67%	-3.5293544
10/23/2012	9.75%	2.93%	6.82%	-3.529549
10/24/2012	10.30%	2.93%	7.37%	-3.5295606
11/9/2012	10.30%	2.92%	7.38%	-3.5335571
11/28/2012	10.40%	2.90%	7.50%	-3.5416505
11/29/2012	9.75%	2.89%	6.86%	-3.5422429
11/29/2012	9.88%	2.89%	6.99%	-3.5422429
12/5/2012	9.71%	2.89%	6.82%	-3.5442187
12/5/2012	10.40%	2.89%	7.51%	-3.5442187
12/12/2012	9.80%	2.88%	6.92%	-3.5467908

12/13/2012	9.50%	2.88%	6.62%	-3.5472579
12/13/2012	10.50%	2.88%	7.62%	-3.5472579
12/14/2012	10.40%	2.88%	7.52%	-3.5478027
12/19/2012	9.71%	2.87%	6.84%	-3.5493815
12/19/2012	10.25%	2.87%	7.38%	-3.5493815
12/20/2012	9.50%	2.87%	6.63%	-3.550137
12/20/2012	9.80%	2.87%	6.93%	-3.550137
12/20/2012	10.25%	2.87%	7.38%	-3.550137
12/20/2012	10.25%	2.87%	7.38%	-3.550137
12/20/2012	10.30%	2.87%	7.43%	-3.550137
12/20/2012	10.40%	2.87%	7.53%	-3.550137
12/20/2012	10.45%	2.87%	7.58%	-3.550137
12/21/2012	10.20%	2.87%	7.33%	-3.5509641
12/26/2012	9.80%	2.86%	6.94%	-3.5535943
1/9/2013	9.70%	2.85%	6.85%	-3.5591589
1/9/2013	9.70%	2.85%	6.85%	-3.5591589
1/9/2013	9.70%	2.85%	6.85%	-3.5591589
1/16/2013	9.60%	2.84%	6.76%	-3.560679
1/16/2013	9.60%	2.84%	6.76%	-3.560679
2/13/2013	10.20%	2.84%	7.36%	-3.5598859
2/22/2013	9.75%	2.85%	6.90%	-3.5565939
2/27/2013	10.00%	2.86%	7.14%	-3.5552843
3/14/2013	9.30%	2.88%	6.42%	-3.5467549
3/27/2013	9.80%	2.90%	6.90%	-3.5400192
5/1/2013	9.84%	2.94%	6.90%	-3.5268715
5/15/2013	10.30%	2.96%	7.34%	-3.5198894
5/30/2013	10.20%	2.98%	7.22%	-3.513368
5/31/2013	9.00%	2.98%	6.02%	-3.5125662
6/11/2013	10.00%	3.00%	7.00%	-3.505809
6/21/2013	9.75%	3.02%	6.73%	-3.4987385
6/25/2013	9.80%	3.03%	6.77%	-3.4968741
7/12/2013	9.36%	3.07%	6.29%	-3.4819589
8/8/2013	9.83%	3.14%	6.69%	-3.4597397
8/14/2013	9.15%	3.16%	5.99%	-3.4545065
9/11/2013	10.20%	3.26%	6.94%	-3.4222834
9/11/2013	10.25%	3.26%	6.99%	-3.4222834
9/24/2013	10.20%	3.31%	6.89%	-3.4096998
10/3/2013	9.65%	3.33%	6.32%	-3.4017822
11/6/2013	10.20%	3.41%	6.79%	-3.3793912
11/21/2013	10.00%	3.44%	6.56%	-3.3691987
11/26/2013	10.00%	3.45%	6.55%	-3.3664631
12/3/2013	10.25%	3.47%	6.78%	-3.3614308
12/4/2013	9.50%	3.47%	6.03%	-3.3602755
12/5/2013	10.20%	3.48%	6.72%	-3.3590837
12/9/2013	8.72%	3.48%	5.24%	-3.3567515
12/9/2013	9.75%	3.48%	6.27%	-3.3567515
12/13/2013	9.75%	3.50%	6.25%	-3.3527627
12/16/2013	9.95%	3.50%	6.45%	-3.3518568
12/16/2013	9.95%	3.50%	6.45%	-3.3518568
12/16/2013	10.12%	3.50%	6.62%	-3.3518568
12/17/2013	9.50%	3.51%	5.99%	-3.3509252
12/17/2013	10.95%	3.51%	7.44%	-3.3509252
12/18/2013	8.72%	3.51%	5.21%	-3.3499437
12/18/2013	9.80%	3.51%	6.29%	-3.3499437
12/19/2013	10.15%	3.51%	6.64%	-3.3489886
12/30/2013	9.50%	3.54%	5.96%	-3.3417974
2/20/2014	9.20%	3.68%	5.52%	-3.3015126
2/26/2014	9.75%	3.69%	6.06%	-3.2988253
3/17/2014	9.55%	3.72%	5.83%	-3.292199
3/26/2014	9.40%	3.73%	5.67%	-3.2897462
3/26/2014	9.96%	3.73%	6.23%	-3.2897462
4/2/2014	9.70%	3.73%	5.97%	-3.2896893
5/16/2014	9.80%	3.70%	6.10%	-3.296042
5/30/2014	9.70%	3.68%	6.02%	-3.3021194
6/6/2014	10.40%	3.67%	6.73%	-3.3041471
6/30/2014	9.55%	3.64%	5.91%	-3.3129001
7/2/2014	9.62%	3.64%	5.98%	-3.3135601
7/10/2014	9.95%	3.63%	6.32%	-3.3159001
7/23/2014	9.75%	3.61%	6.14%	-3.3212034
7/29/2014	9.45%	3.60%	5.85%	-3.3233723
7/31/2014	9.90%	3.60%	6.30%	-3.3241725
8/20/2014	9.75%	3.57%	6.18%	-3.3336954
8/25/2014	9.60%	3.56%	6.04%	-3.336307
8/29/2014	9.80%	3.54%	6.26%	-3.3405464
9/11/2014	9.60%	3.51%	6.09%	-3.3486729
9/15/2014	10.25%	3.51%	6.74%	-3.3502015
10/9/2014	9.80%	3.45%	6.35%	-3.3682386
11/6/2014	9.56%	3.37%	6.19%	-3.3902313
11/6/2014	10.20%	3.37%	6.83%	-3.3902313
11/14/2014	10.20%	3.35%	6.85%	-3.3951116
11/26/2014	9.70%	3.33%	6.37%	-3.4031072
11/26/2014	10.20%	3.33%	6.87%	-3.4031072
12/4/2014	9.68%	3.31%	6.37%	-3.409516
12/10/2014	9.25%	3.29%	5.96%	-3.4138481
12/10/2014	9.25%	3.29%	5.96%	-3.4138481
12/11/2014	10.07%	3.29%	6.78%	-3.4151903
12/12/2014	10.20%	3.28%	6.92%	-3.4166873
12/17/2014	9.17%	3.27%	5.90%	-3.4211749
12/18/2014	9.83%	3.26%	6.57%	-3.4223575
1/23/2015	9.50%	3.14%	6.36%	-3.4613599
2/24/2015	9.83%	3.04%	6.79%	-3.4940159
3/18/2015	9.75%	2.98%	6.77%	-3.5132769
3/25/2015	9.50%	2.96%	6.54%	-3.5209261
3/26/2015	9.72%	2.95%	6.77%	-3.5224256
4/23/2015	10.20%	2.87%	7.33%	-3.5510911
4/29/2015	9.53%	2.86%	6.67%	-3.5552479
5/1/2015	9.60%	2.85%	6.75%	-3.55694
5/26/2015	9.75%	2.83%	6.92%	-3.5647961
6/17/2015	9.00%	2.82%	6.18%	-3.5681984
6/17/2015	9.00%	2.82%	6.18%	-3.5681984
9/2/2015	9.50%	2.79%	6.71%	-3.5787229
9/10/2015	9.30%	2.79%	6.51%	-3.5789661
9/25/2015	9.60%	2.80%	6.80%	-3.5755213
10/15/2015	9.00%	2.81%	6.19%	-3.5715186
11/19/2015	10.00%	2.88%	7.12%	-3.5474808

11/19/2015	10.30%	2.88%	7.42%	-3.5474808
12/3/2015	10.00%	2.90%	7.10%	-3.5419269
12/9/2015	9.14%	2.90%	6.24%	-3.5398681
12/9/2015	9.14%	2.90%	6.24%	-3.5398681
12/11/2015	10.30%	2.90%	7.40%	-3.5394047
12/15/2015	9.60%	2.91%	6.69%	-3.5386881
12/17/2015	9.70%	2.91%	6.79%	-3.5377478
12/18/2015	9.50%	2.91%	6.59%	-3.5373639
12/30/2015	9.50%	2.93%	6.57%	-3.5313521
1/6/2016	9.50%	2.94%	6.56%	-3.5274603
2/23/2016	9.75%	2.94%	6.81%	-3.5280637
3/16/2016	9.85%	2.91%	6.94%	-3.5373508
4/29/2016	9.80%	2.83%	6.97%	-3.5638521
6/3/2016	9.75%	2.80%	6.95%	-3.5746808
6/8/2016	9.48%	2.80%	6.68%	-3.5768665
6/15/2016	9.00%	2.78%	6.22%	-3.5812105
6/15/2016	9.00%	2.78%	6.22%	-3.5812105
7/18/2016	9.98%	2.71%	7.27%	-3.6079753
8/9/2016	9.85%	2.66%	7.19%	-3.6265225
8/18/2016	9.50%	2.63%	6.87%	-3.63724
8/24/2016	9.75%	2.62%	7.13%	-3.6433552
9/1/2016	9.50%	2.59%	6.91%	-3.652104
9/8/2016	10.00%	2.58%	7.42%	-3.6589021
9/28/2016	9.58%	2.54%	7.04%	-3.6744406
9/30/2016	9.90%	2.53%	7.37%	-3.6770629
11/9/2016	9.80%	2.48%	7.32%	-3.6959526
11/10/2016	9.50%	2.48%	7.02%	-3.6953904
11/15/2016	9.55%	2.49%	7.06%	-3.693162
11/18/2016	10.00%	2.50%	7.50%	-3.690405
11/29/2016	10.55%	2.51%	8.04%	-3.6851464
12/1/2016	10.00%	2.51%	7.49%	-3.6832702
12/6/2016	8.64%	2.52%	6.12%	-3.6807782
12/6/2016	8.64%	2.52%	6.12%	-3.6807782
12/7/2016	10.10%	2.52%	7.58%	-3.680108
12/12/2016	9.60%	2.53%	7.07%	-3.6774281
12/14/2016	9.10%	2.53%	6.57%	-3.6754246
12/19/2016	9.00%	2.54%	6.46%	-3.6729079
12/19/2016	9.37%	2.54%	6.83%	-3.6729079
12/22/2016	9.60%	2.55%	7.05%	-3.670455
12/22/2016	9.90%	2.55%	7.35%	-3.670455
12/28/2016	9.50%	2.55%	6.95%	-3.66716
1/18/2017	9.45%	2.58%	6.87%	-3.6554704
1/24/2017	9.00%	2.59%	6.41%	-3.6520007
1/31/2017	10.10%	2.60%	7.50%	-3.6484445
2/15/2017	9.60%	2.62%	6.98%	-3.6401432
2/22/2017	9.60%	2.64%	6.96%	-3.636024
2/24/2017	9.75%	2.64%	7.11%	-3.6347095
2/28/2017	10.10%	2.64%	7.46%	-3.6333628
3/2/2017	9.41%	2.65%	6.76%	-3.6317948
3/20/2017	9.50%	2.68%	6.82%	-3.6186369
4/4/2017	10.25%	2.71%	7.54%	-3.6067218
4/12/2017	9.40%	2.74%	6.66%	-3.5985771
4/20/2017	9.50%	2.76%	6.74%	-3.5908158
5/3/2017	9.50%	2.79%	6.71%	-3.5797211
5/11/2017	9.20%	2.81%	6.39%	-3.5715849
5/18/2017	9.50%	2.83%	6.67%	-3.5655211
5/23/2017	9.70%	2.84%	6.86%	-3.5620928
6/16/2017	9.65%	2.89%	6.76%	-3.5435017
6/22/2017	9.70%	2.90%	6.80%	-3.5414278
6/22/2017	9.70%	2.90%	6.80%	-3.5414278
7/24/2017	9.50%	2.95%	6.55%	-3.5248425
8/15/2017	10.00%	2.97%	7.03%	-3.5169002
9/22/2017	9.60%	2.93%	6.67%	-3.5301205
9/28/2017	9.80%	2.92%	6.88%	-3.5322146
10/20/2017	9.50%	2.91%	6.59%	-3.5369233
10/26/2017	10.20%	2.91%	7.29%	-3.5373551
10/26/2017	10.25%	2.91%	7.34%	-3.5373551
10/26/2017	10.30%	2.91%	7.39%	-3.5373551
11/6/2017	10.25%	2.90%	7.35%	-3.5398248
11/15/2017	11.95%	2.89%	9.06%	-3.5425819
11/30/2017	10.00%	2.88%	7.12%	-3.5474268
11/30/2017	10.00%	2.88%	7.12%	-3.5474268
12/5/2017	9.50%	2.88%	6.62%	-3.5485954
12/6/2017	8.40%	2.87%	5.53%	-3.5491706
12/6/2017	8.40%	2.87%	5.53%	-3.5491706
12/7/2017	9.80%	2.87%	6.93%	-3.5497137
12/14/2017	9.60%	2.86%	6.74%	-3.5529914
12/14/2017	9.65%	2.86%	6.79%	-3.5529914
12/18/2017	9.50%	2.86%	6.64%	-3.5546495
12/20/2017	9.58%	2.86%	6.72%	-3.5556736
12/21/2017	9.10%	2.85%	6.25%	-3.5562141
12/28/2017	9.50%	2.85%	6.65%	-3.558457
12/29/2017	9.51%	2.85%	6.66%	-3.5589372
1/18/2018	9.70%	2.84%	6.86%	-3.5624162
1/31/2018	9.30%	2.84%	6.46%	-3.5621728
2/2/2018	9.98%	2.84%	7.14%	-3.5618277
2/23/2018	9.90%	2.85%	7.05%	-3.5577551
3/12/2018	9.25%	2.86%	6.39%	-3.5529452
3/15/2018	9.00%	2.87%	6.13%	-3.5516991
3/29/2018	10.00%	2.88%	7.12%	-3.5469054
4/12/2018	9.90%	2.89%	7.01%	-3.5433211
4/13/2018	9.73%	2.89%	6.84%	-3.5431515
4/18/2018	9.25%	2.89%	6.36%	-3.5425107
4/18/2018	10.00%	2.89%	7.11%	-3.5425107
4/26/2018	9.50%	2.90%	6.60%	-3.5396164
5/30/2018	9.95%	2.94%	7.01%	-3.5269918
5/31/2018	9.50%	2.94%	6.56%	-3.5265562
6/14/2018	8.80%	2.96%	5.84%	-3.5206095
6/22/2018	9.50%	2.97%	6.53%	-3.5176023
6/22/2018	9.90%	2.97%	6.93%	-3.5176023
6/28/2018	9.35%	2.97%	6.38%	-3.5163325
6/29/2018	9.50%	2.97%	6.53%	-3.515981
8/8/2018	9.53%	2.99%	6.54%	-3.5085851
8/21/2018	9.70%	3.00%	6.70%	-3.5054617
8/24/2018	9.28%	3.01%	6.27%	-3.5045398

9/5/2018	9.56%	3.02%	6.54%	-3.5010647
9/14/2018	10.00%	3.03%	6.97%	-3.4971729
9/20/2018	9.80%	3.04%	6.76%	-3.4942883
9/26/2018	9.77%	3.05%	6.72%	-3.4914798
9/26/2018	10.00%	3.05%	6.95%	-3.4914798
9/27/2018	9.30%	3.05%	6.25%	-3.4909198
10/4/2018	9.85%	3.06%	6.79%	-3.4870686
10/29/2018	9.60%	3.10%	6.50%	-3.4728606
10/31/2018	9.99%	3.11%	6.88%	-3.4713602
11/1/2018	8.69%	3.11%	5.58%	-3.4705639
12/4/2018	8.69%	3.14%	5.55%	-3.4614066
12/13/2018	9.30%	3.14%	6.16%	-3.4612079
12/14/2018	9.50%	3.14%	6.36%	-3.4612313
12/19/2018	9.84%	3.14%	6.70%	-3.4614271
12/20/2018	9.65%	3.14%	6.51%	-3.4614431
12/21/2018	9.30%	3.14%	6.16%	-3.4615167
1/9/2019	10.00%	3.14%	6.86%	-3.462407
2/27/2019	9.75%	3.12%	6.63%	-3.4671676
3/13/2019	9.60%	3.12%	6.48%	-3.467426
3/14/2019	9.00%	3.12%	5.88%	-3.467462
3/14/2019	9.40%	3.12%	6.28%	-3.467462
3/22/2019	9.65%	3.12%	6.53%	-3.4684262
4/30/2019	9.73%	3.11%	6.62%	-3.4715452
4/30/2019	9.73%	3.11%	6.62%	-3.4715452
5/1/2019	9.50%	3.11%	6.39%	-3.471866
5/2/2019	10.00%	3.11%	6.89%	-3.47214
5/8/2019	9.50%	3.10%	6.40%	-3.4734876
5/14/2019	8.75%	3.10%	5.65%	-3.4750713
5/16/2019	9.50%	3.09%	6.41%	-3.4759249
5/23/2019	9.90%	3.09%	6.81%	-3.4777609
8/12/2019	9.60%	2.90%	6.70%	-3.5415021
8/29/2019	9.06%	2.81%	6.25%	-3.571851
9/4/2019	10.00%	2.78%	7.22%	-3.5815581
9/30/2019	9.60%	2.70%	6.90%	-3.6128329
10/31/2019	10.00%	2.60%	7.40%	-3.6494284
10/31/2019	10.00%	2.60%	7.40%	-3.6494284
11/7/2019	9.35%	2.58%	6.77%	-3.6565586
11/29/2019	9.50%	2.52%	6.98%	-3.6796306
12/4/2019	8.91%	2.51%	6.40%	-3.6844788
12/4/2019	9.75%	2.51%	7.24%	-3.6844788
12/16/2019	8.91%	2.48%	6.43%	-3.6972577
12/17/2019	9.70%	2.48%	7.22%	-3.6986405
12/17/2019	10.50%	2.48%	8.02%	-3.6986405
12/19/2019	10.20%	2.47%	7.73%	-3.7013918
12/19/2019	10.25%	2.47%	7.78%	-3.7013918
12/19/2019	10.30%	2.47%	7.83%	-3.7013918
12/20/2019	9.45%	2.47%	6.98%	-3.7027476
12/20/2019	9.65%	2.47%	7.18%	-3.7027476
12/24/2019	9.70%	2.46%	7.24%	-3.705497
1/8/2020	10.02%	2.43%	7.59%	-3.7179582
1/16/2020	8.80%	2.41%	6.39%	-3.7258329
1/22/2020	9.50%	2.39%	7.11%	-3.7318953
1/23/2020	9.86%	2.39%	7.47%	-3.7335311
2/6/2020	10.00%	2.35%	7.65%	-3.7519528
2/11/2020	9.30%	2.33%	6.97%	-3.7573311
2/14/2020	9.40%	2.32%	7.08%	-3.7625768
2/19/2020	8.25%	2.31%	5.94%	-3.767845
2/24/2020	9.75%	2.30%	7.45%	-3.773893
2/27/2020	9.40%	2.28%	7.12%	-3.780442
3/11/2020	9.70%	2.23%	7.47%	-3.8041494
3/25/2020	9.40%	2.17%	7.23%	-3.8286391
4/17/2020	9.70%	2.07%	7.63%	-3.8783286
4/27/2020	9.25%	2.03%	7.22%	-3.8985817
5/8/2020	9.90%	1.97%	7.93%	-3.9266134
5/20/2020	9.45%	1.94%	7.51%	-3.9433548
6/29/2020	9.70%	1.85%	7.85%	-3.9895652
6/30/2020	9.10%	1.85%	7.25%	-3.9914388
7/1/2020	9.25%	1.84%	7.41%	-3.9935064
7/8/2020	9.40%	1.83%	7.57%	-4.0030257
7/14/2020	9.60%	1.81%	7.79%	-4.0108794
7/28/2020	9.50%	1.77%	7.73%	-4.0368801
8/27/2020	8.20%	1.66%	6.54%	-4.099544
8/27/2020	9.45%	1.66%	7.79%	-4.099544
8/27/2020	10.00%	1.66%	8.34%	-4.099544
10/22/2020	9.50%	1.50%	8.00%	-4.2012065
10/28/2020	9.60%	1.48%	8.12%	-4.2101946
11/19/2020	8.80%	1.45%	7.35%	-4.2343966
11/19/2020	8.80%	1.45%	7.35%	-4.2343966
11/24/2020	9.20%	1.44%	7.76%	-4.2392792
11/24/2020	9.80%	1.44%	8.36%	-4.2392792
12/9/2020	8.38%	1.43%	6.95%	-4.2451631
12/9/2020	8.38%	1.43%	6.95%	-4.2451631
12/10/2020	9.40%	1.43%	7.97%	-4.2448621
12/14/2020	9.50%	1.44%	8.06%	-4.2414737
12/15/2020	9.30%	1.44%	7.86%	-4.2401875
12/16/2020	9.50%	1.44%	8.06%	-4.239273
12/17/2020	9.90%	1.44%	8.46%	-4.2384397
12/18/2020	9.50%	1.44%	8.06%	-4.2378768
12/22/2020	9.15%	1.45%	7.70%	-4.2366561
12/23/2020	10.00%	1.45%	8.55%	-4.2370245
12/30/2020	9.65%	1.45%	8.20%	-4.2338563

1/13/2021	9.30%	1.47%	7.83%	-4.2174557
3/31/2021	9.60%	1.67%	7.93%	-4.0898712
4/16/2021	9.60%	1.73%	7.87%	-4.0572601
5/4/2021	9.85%	1.79%	8.06%	-4.0237896
5/18/2021	9.50%	1.84%	7.66%	-3.993469
6/4/2021	9.28%	1.90%	7.38%	-3.9631413
6/23/2021	9.00%	1.95%	7.05%	-3.9389863
6/28/2021	9.55%	1.96%	7.59%	-3.9337744
6/30/2021	9.43%	1.96%	7.47%	-3.9303838
6/30/2021	9.43%	1.96%	7.47%	-3.9303838
7/14/2021	9.60%	1.99%	7.61%	-3.9171368
7/15/2021	9.38%	1.99%	7.39%	-3.9162979
7/21/2021	9.50%	2.00%	7.50%	-3.9128011
8/5/2021	9.60%	2.01%	7.59%	-3.9045669
8/18/2021	9.50%	2.03%	7.47%	-3.8977126
8/31/2021	8.57%	2.04%	6.53%	-3.8908608
9/1/2021	9.40%	2.04%	7.36%	-3.8901522
9/27/2021	9.40%	2.07%	7.33%	-3.8789002

Source: Bloomberg Professional Service

USGG30YR Index	PX_LAST	Yield %	Lagged Yield	MOODUBAA Index	PX_LAST	Yield %	Lagged Yield
9/30/2021	2.0449	2.04%	2.07%	9/30/2021	3.33	3.33%	3.36%
9/29/2021	2.0604	2.06%	2.07%	9/29/2021	3.32	3.32%	3.36%
9/28/2021	2.086	2.09%	2.07%	9/28/2021	3.3	3.30%	3.36%
9/27/2021	1.9944	1.99%	2.07%	9/27/2021	3.23	3.23%	3.36%
9/24/2021	1.9833	1.98%	2.07%	9/24/2021	3.23	3.23%	3.36%
9/23/2021	1.9398	1.94%	2.06%	9/23/2021	3.18	3.18%	3.36%
9/22/2021	1.8078	1.81%	2.06%	9/22/2021	3.11	3.11%	3.36%
9/21/2021	1.8558	1.86%	2.06%	9/21/2021	3.12	3.12%	3.36%
9/20/2021	1.8471	1.85%	2.06%	9/20/2021	3.11	3.11%	3.36%
9/17/2021	1.8989	1.90%	2.06%	9/17/2021	3.16	3.16%	3.36%
9/16/2021	1.8834	1.88%	2.06%	9/16/2021	3.13	3.13%	3.36%
9/15/2021	1.8592	1.86%	2.06%	9/15/2021	3.11	3.11%	3.36%
9/14/2021	1.8592	1.86%	2.06%	9/14/2021	3.1	3.10%	3.36%
9/13/2021	1.9044	1.90%	2.06%	9/13/2021	3.15	3.15%	3.35%
9/10/2021	1.9337	1.93%	2.05%	9/10/2021	3.19	3.19%	3.35%
9/9/2021	1.8977	1.90%	2.05%	9/9/2021	3.15	3.15%	3.35%
9/8/2021	1.9557	1.96%	2.05%	9/8/2021	3.21	3.21%	3.35%
9/7/2021	1.9868	1.99%	2.05%	9/7/2021	3.24	3.24%	3.35%
9/6/2021	1.942	1.94%	2.05%	9/3/2021	3.2	3.20%	3.35%
9/3/2021	1.942	1.94%	2.05%	9/2/2021	3.17	3.17%	3.35%
9/2/2021	1.897	1.90%	2.05%	9/1/2021	3.18	3.18%	3.35%
9/1/2021	1.9133	1.91%	2.04%	8/31/2021	3.2	3.20%	3.35%
8/31/2021	1.9324	1.93%	2.04%	8/30/2021	3.17	3.17%	3.35%
8/30/2021	1.8964	1.90%	2.04%	8/27/2021	3.18	3.18%	3.35%
8/27/2021	1.9167	1.92%	2.04%	8/26/2021	3.21	3.21%	3.35%
8/26/2021	1.9468	1.95%	2.04%	8/25/2021	3.23	3.23%	3.35%
8/25/2021	1.9482	1.95%	2.04%	8/24/2021	3.18	3.18%	3.35%
8/24/2021	1.9161	1.92%	2.03%	8/23/2021	3.17	3.17%	3.35%
8/23/2021	1.8708	1.87%	2.03%	8/20/2021	3.17	3.17%	3.36%
8/20/2021	1.8688	1.87%	2.03%	8/19/2021	3.17	3.17%	3.36%
8/19/2021	1.8709	1.87%	2.03%	8/18/2021	3.2	3.20%	3.36%
8/18/2021	1.8972	1.90%	2.03%	8/17/2021	3.2	3.20%	3.36%
8/17/2021	1.9189	1.92%	2.03%	8/16/2021	3.19	3.19%	3.36%
8/16/2021	1.927	1.93%	2.03%	8/13/2021	3.23	3.23%	3.36%
8/13/2021	1.9291	1.93%	2.03%	8/12/2021	3.31	3.31%	3.36%
8/12/2021	1.9988	2.00%	2.02%	8/11/2021	3.3	3.30%	3.36%
8/11/2021	1.9988	2.00%	2.02%	8/10/2021	3.27	3.27%	3.36%
8/10/2021	1.9988	2.00%	2.02%	8/9/2021	3.24	3.24%	3.36%
8/9/2021	1.9703	1.97%	2.02%	8/6/2021	3.2	3.20%	3.36%
8/6/2021	1.9454	1.95%	2.02%	8/5/2021	3.13	3.13%	3.36%
8/5/2021	1.8612	1.86%	2.01%	8/4/2021	3.11	3.11%	3.36%
8/4/2021	1.8389	1.84%	2.01%	8/3/2021	3.12	3.12%	3.36%
8/3/2021	1.8408	1.84%	2.01%	8/2/2021	3.1	3.10%	3.36%
8/2/2021	1.8498	1.85%	2.01%	7/30/2021	3.15	3.15%	3.36%
7/30/2021	1.8922	1.89%	2.01%	7/29/2021	3.18	3.18%	3.36%
7/29/2021	1.9195	1.92%	2.01%	7/28/2021	3.18	3.18%	3.36%
7/28/2021	1.8801	1.88%	2.01%	7/27/2021	3.16	3.16%	3.36%
7/27/2021	1.8936	1.89%	2.01%	7/26/2021	3.19	3.19%	3.36%
7/26/2021	1.9418	1.94%	2.00%	7/23/2021	3.19	3.19%	3.36%
7/23/2021	1.9151	1.92%	2.00%	7/22/2021	3.18	3.18%	3.36%
7/22/2021	1.9165	1.92%	2.00%	7/21/2021	3.22	3.22%	3.36%
7/21/2021	1.9387	1.94%	2.00%	7/20/2021	3.16	3.16%	3.36%

USGG30YR Index	PX_LAST	Yield %	Lagged Yield	MOODUBAA Index	PX_LAST	Yield %	Lagged Yield
7/20/2021	1.8771	1.88%	2.00%	7/19/2021	3.11	3.11%	3.36%
7/19/2021	1.8197	1.82%	1.99%	7/16/2021	3.2	3.20%	3.37%
7/16/2021	1.9192	1.92%	1.99%	7/15/2021	3.19	3.19%	3.37%
7/15/2021	1.9206	1.92%	1.99%	7/14/2021	3.24	3.24%	3.37%
7/14/2021	1.971	1.97%	1.99%	7/13/2021	3.3	3.30%	3.37%
7/13/2021	2.0469	2.05%	1.99%	7/12/2021	3.25	3.25%	3.36%
7/12/2021	1.9975	2.00%	1.99%	7/9/2021	3.24	3.24%	3.36%
7/9/2021	1.9889	1.99%	1.98%	7/8/2021	3.16	3.16%	3.36%
7/8/2021	1.9266	1.93%	1.98%	7/7/2021	3.18	3.18%	3.36%
7/7/2021	1.9378	1.94%	1.98%	7/6/2021	3.23	3.23%	3.36%
7/6/2021	1.9739	1.97%	1.98%	7/2/2021	3.27	3.27%	3.36%
7/5/2021	2.0404	2.04%	1.97%	7/1/2021	3.31	3.31%	3.36%
7/2/2021	2.0404	2.04%	1.97%	6/30/2021	3.29	3.29%	3.36%
7/1/2021	2.0607	2.06%	1.97%	6/29/2021	3.33	3.33%	3.36%
6/30/2021	2.0857	2.09%	1.96%	6/28/2021	3.35	3.35%	3.36%
6/29/2021	2.0837	2.08%	1.96%	6/25/2021	3.41	3.41%	3.36%
6/28/2021	2.0946	2.09%	1.96%	6/24/2021	3.34	3.34%	3.36%
6/25/2021	2.1487	2.15%	1.95%	6/23/2021	3.36	3.36%	3.36%
6/24/2021	2.0981	2.10%	1.95%	6/22/2021	3.35	3.35%	3.36%
6/23/2021	2.1083	2.11%	1.95%	6/21/2021	3.35	3.35%	3.35%
6/22/2021	2.0859	2.09%	1.94%	6/18/2021	3.26	3.26%	3.35%
6/21/2021	2.1097	2.11%	1.94%	6/17/2021	3.33	3.33%	3.35%
6/18/2021	2.0127	2.01%	1.94%	6/16/2021	3.45	3.45%	3.35%
6/17/2021	2.0927	2.09%	1.93%	6/15/2021	3.44	3.44%	3.35%
6/16/2021	2.2073	2.21%	1.93%	6/14/2021	3.44	3.44%	3.35%
6/15/2021	2.1864	2.19%	1.93%	6/11/2021	3.41	3.41%	3.35%
6/14/2021	2.1822	2.18%	1.92%	6/10/2021	3.42	3.42%	3.35%
6/11/2021	2.1379	2.14%	1.92%	6/9/2021	3.42	3.42%	3.34%
6/10/2021	2.127	2.13%	1.92%	6/8/2021	3.47	3.47%	3.34%
6/9/2021	2.1684	2.17%	1.91%	6/7/2021	3.51	3.51%	3.34%
6/8/2021	2.2151	2.22%	1.91%	6/4/2021	3.5	3.50%	3.34%
6/7/2021	2.2468	2.25%	1.90%	6/3/2021	3.56	3.56%	3.34%
6/4/2021	2.2313	2.23%	1.90%	6/2/2021	3.54	3.54%	3.33%
6/3/2021	2.296	2.30%	1.90%	6/1/2021	3.56	3.56%	3.33%
6/2/2021	2.2717	2.27%	1.89%	5/28/2021	3.53	3.53%	3.33%
6/1/2021	2.2867	2.29%	1.89%	5/27/2021	3.55	3.55%	3.33%
5/31/2021	2.2824	2.28%	1.88%	5/26/2021	3.53	3.53%	3.32%
5/28/2021	2.2824	2.28%	1.88%	5/25/2021	3.54	3.54%	3.32%
5/27/2021	2.2825	2.28%	1.87%	5/24/2021	3.58	3.58%	3.32%
5/26/2021	2.2561	2.26%	1.87%	5/21/2021	3.6	3.60%	3.31%
5/25/2021	2.2477	2.25%	1.87%	5/20/2021	3.62	3.62%	3.31%
5/24/2021	2.2989	2.30%	1.86%	5/19/2021	3.67	3.67%	3.31%
5/21/2021	2.3176	2.32%	1.86%	5/18/2021	3.65	3.65%	3.30%
5/20/2021	2.3306	2.33%	1.85%	5/17/2021	3.64	3.64%	3.30%
5/19/2021	2.3691	2.37%	1.85%	5/14/2021	3.63	3.63%	3.30%
5/18/2021	2.3597	2.36%	1.84%	5/13/2021	3.66	3.66%	3.29%
5/17/2021	2.3626	2.36%	1.84%	5/12/2021	3.67	3.67%	3.29%
5/14/2021	2.3401	2.34%	1.83%	5/11/2021	3.61	3.61%	3.29%
5/13/2021	2.3955	2.40%	1.83%	5/10/2021	3.57	3.57%	3.28%
5/12/2021	2.4113	2.41%	1.82%	5/7/2021	3.53	3.53%	3.28%
5/11/2021	2.3451	2.35%	1.82%	5/6/2021	3.5	3.50%	3.28%
5/10/2021	2.3256	2.33%	1.81%	5/5/2021	3.52	3.52%	3.28%
5/7/2021	2.2769	2.28%	1.80%	5/4/2021	3.53	3.53%	3.27%
5/6/2021	2.2417	2.24%	1.80%	5/3/2021	3.54	3.54%	3.27%

USGG30YR Index	PX_LAST	Yield %	Lagged Yield	MOODUBAA Index	PX_LAST	Yield %	Lagged Yield
5/5/2021	2.2425	2.24%	1.79%	4/30/2021	3.56	3.56%	3.27%
5/4/2021	2.2615	2.26%	1.79%	4/29/2021	3.58	3.58%	3.27%
5/3/2021	2.2837	2.28%	1.78%	4/28/2021	3.57	3.57%	3.27%
4/30/2021	2.2967	2.30%	1.78%	4/27/2021	3.57	3.57%	3.26%
4/29/2021	2.2982	2.30%	1.77%	4/26/2021	3.52	3.52%	3.26%
4/28/2021	2.2889	2.29%	1.77%	4/23/2021	3.53	3.53%	3.26%
4/27/2021	2.2942	2.29%	1.76%	4/22/2021	3.52	3.52%	3.26%
4/26/2021	2.24	2.24%	1.76%	4/21/2021	3.54	3.54%	3.26%
4/23/2021	2.2339	2.23%	1.75%	4/20/2021	3.53	3.53%	3.26%
4/22/2021	2.218	2.22%	1.75%	4/19/2021	3.56	3.56%	3.26%
4/21/2021	2.2505	2.25%	1.74%	4/16/2021	3.52	3.52%	3.26%
4/20/2021	2.2512	2.25%	1.74%	4/15/2021	3.47	3.47%	3.25%
4/19/2021	2.2963	2.30%	1.73%	4/14/2021	3.58	3.58%	3.25%
4/16/2021	2.2649	2.26%	1.73%	4/13/2021	3.57	3.57%	3.25%
4/15/2021	2.2694	2.27%	1.72%	4/12/2021	3.6	3.60%	3.25%
4/14/2021	2.3116	2.31%	1.72%	4/9/2021	3.6	3.60%	3.25%
4/13/2021	2.2939	2.29%	1.72%	4/8/2021	3.58	3.58%	3.25%
4/12/2021	2.3332	2.33%	1.71%	4/7/2021	3.6	3.60%	3.25%
4/9/2021	2.3293	2.33%	1.71%	4/6/2021	3.59	3.59%	3.25%
4/8/2021	2.3068	2.31%	1.70%	4/5/2021	3.63	3.63%	3.25%
4/7/2021	2.3612	2.36%	1.70%	4/1/2021	3.65	3.65%	3.25%
4/6/2021	2.323	2.32%	1.69%	3/31/2021	3.75	3.75%	3.25%
4/5/2021	2.3463	2.35%	1.69%	3/30/2021	3.75	3.75%	3.24%
4/2/2021	2.3564	2.36%	1.68%	3/29/2021	3.79	3.79%	3.24%
4/1/2021	2.3322	2.33%	1.68%	3/26/2021	3.73	3.73%	3.24%
3/31/2021	2.4106	2.41%	1.67%	3/25/2021	3.71	3.71%	3.24%
3/30/2021	2.3687	2.37%	1.67%	3/24/2021	3.69	3.69%	3.24%
3/29/2021	2.405	2.41%	1.66%	3/23/2021	3.72	3.72%	3.24%
3/26/2021	2.3781	2.38%	1.66%	3/22/2021	3.74	3.74%	3.24%
3/25/2021	2.3568	2.36%	1.66%	3/19/2021	3.82	3.82%	3.24%
3/24/2021	2.3095	2.31%	1.65%	3/18/2021	3.86	3.86%	3.23%
3/23/2021	2.3264	2.33%	1.65%	3/17/2021	3.84	3.84%	3.23%
3/22/2021	2.3984	2.40%	1.64%	3/16/2021	3.8	3.80%	3.23%
3/19/2021	2.4333	2.43%	1.64%	3/15/2021	3.78	3.78%	3.23%
3/18/2021	2.4483	2.45%	1.63%	3/12/2021	3.81	3.81%	3.23%
3/17/2021	2.418	2.42%	1.63%	3/11/2021	3.7	3.70%	3.23%
3/16/2021	2.3785	2.38%	1.62%	3/10/2021	3.67	3.67%	3.23%
3/15/2021	2.3573	2.36%	1.62%	3/9/2021	3.69	3.69%	3.23%
3/12/2021	2.3776	2.38%	1.62%	3/8/2021	3.69	3.69%	3.23%
3/11/2021	2.2945	2.29%	1.61%	3/5/2021	3.64	3.64%	3.23%
3/10/2021	2.2381	2.24%	1.61%	3/4/2021	3.63	3.63%	3.23%
3/9/2021	2.2335	2.23%	1.61%	3/3/2021	3.57	3.57%	3.23%
3/8/2021	2.3159	2.32%	1.60%	3/2/2021	3.54	3.54%	3.23%
3/5/2021	2.2974	2.30%	1.60%	3/1/2021	3.54	3.54%	3.23%
3/4/2021	2.3205	2.32%	1.59%	2/26/2021	3.52	3.52%	3.23%
3/3/2021	2.2759	2.28%	1.59%	2/25/2021	3.62	3.62%	3.23%
3/2/2021	2.1913	2.19%	1.58%	2/24/2021	3.55	3.55%	3.23%
3/1/2021	2.1906	2.19%	1.58%	2/23/2021	3.51	3.51%	3.23%
2/26/2021	2.15	2.15%	1.58%	2/22/2021	3.49	3.49%	3.23%
2/25/2021	2.27	2.27%	1.57%	2/19/2021	3.44	3.44%	3.23%
2/24/2021	2.23	2.23%	1.57%	2/18/2021	3.38	3.38%	3.23%
2/23/2021	2.18	2.18%	1.56%	2/17/2021	3.38	3.38%	3.23%
2/22/2021	2.17	2.17%	1.56%	2/16/2021	3.41	3.41%	3.23%
2/19/2021	2.13	2.13%	1.56%	2/12/2021	3.35	3.35%	3.24%
2/18/2021	2.08	2.08%	1.55%	2/11/2021	3.29	3.29%	3.24%

USGG30YR Index	PX_LAST	Yield %	Lagged Yield	MOODUBAA Index	PX_LAST	Yield %	Lagged Yield
2/17/2021	2.04	2.04%	1.55%	2/10/2021	3.26	3.26%	3.24%
2/16/2021	2.09	2.09%	1.55%	2/9/2021	3.28	3.28%	3.24%
2/15/2021	2.01	2.01%	1.54%	2/8/2021	3.28	3.28%	3.24%
2/12/2021	2.01	2.01%	1.54%	2/5/2021	3.33	3.33%	3.24%
2/11/2021	1.95	1.95%	1.54%	2/4/2021	3.28	3.28%	3.24%
2/10/2021	1.91	1.91%	1.53%	2/3/2021	3.27	3.27%	3.24%
2/9/2021	1.95	1.95%	1.53%	2/2/2021	3.25	3.25%	3.25%
2/8/2021	1.95	1.95%	1.53%	2/1/2021	3.23	3.23%	3.25%
2/5/2021	1.97	1.97%	1.52%	1/29/2021	3.23	3.23%	3.25%
2/4/2021	1.94	1.94%	1.52%	1/28/2021	3.19	3.19%	3.25%
2/3/2021	1.93	1.93%	1.52%	1/27/2021	3.15	3.15%	3.26%
2/2/2021	1.87	1.87%	1.51%	1/26/2021	3.15	3.15%	3.26%
2/1/2021	1.85	1.85%	1.51%	1/25/2021	3.14	3.14%	3.27%
1/29/2021	1.83	1.83%	1.51%	1/22/2021	3.18	3.18%	3.28%
1/28/2021	1.80	1.80%	1.50%	1/21/2021	3.19	3.19%	3.28%
1/27/2021	1.77	1.77%	1.50%	1/20/2021	3.16	3.16%	3.29%
1/26/2021	1.79	1.79%	1.50%	1/19/2021	3.17	3.17%	3.29%
1/25/2021	1.79	1.79%	1.49%	1/15/2021	3.2	3.20%	3.30%
1/22/2021	1.85	1.85%	1.49%	1/14/2021	3.23	3.23%	3.30%
1/21/2021	1.87	1.87%	1.49%	1/13/2021	3.18	3.18%	3.31%
1/20/2021	1.83	1.83%	1.49%	1/12/2021	3.27	3.27%	3.32%
1/19/2021	1.83	1.83%	1.48%	1/11/2021	3.26	3.26%	3.33%
1/18/2021	1.83	1.83%	1.48%	1/8/2021	3.24	3.24%	3.33%
1/15/2021	1.83	1.83%	1.48%	1/7/2021	3.22	3.22%	3.34%
1/14/2021	1.87	1.87%	1.48%	1/6/2021	3.22	3.22%	3.35%
1/13/2021	1.82	1.82%	1.47%	1/5/2021	3.09	3.09%	3.35%
1/12/2021	1.87	1.87%	1.47%	1/4/2021	3.02	3.02%	3.36%
1/11/2021	1.88	1.88%	1.47%	12/31/2020	3	3.00%	3.37%
1/8/2021	1.87	1.87%	1.47%	12/30/2020	3.03	3.03%	3.37%
1/7/2021	1.85	1.85%	1.46%	12/29/2020	3.06	3.06%	3.38%
1/6/2021	1.81	1.81%	1.46%	12/28/2020	3.07	3.07%	3.38%
1/5/2021	1.71	1.71%	1.46%	12/24/2020	3.07	3.07%	3.38%
1/4/2021	1.66	1.66%	1.45%	12/23/2020	3.1	3.10%	3.38%
1/1/2021	1.64	1.64%	1.45%	12/22/2020	3.05	3.05%	3.38%
12/31/2020	1.64	1.64%	1.45%	12/21/2020	3.07	3.07%	3.38%
12/30/2020	1.66	1.66%	1.45%	12/18/2020	3.08	3.08%	3.38%
12/29/2020	1.68	1.68%	1.45%	12/17/2020	3.07	3.07%	3.38%
12/28/2020	1.66	1.66%	1.45%	12/16/2020	3.05	3.05%	3.38%
12/25/2020	1.66	1.66%	1.45%	12/15/2020	3.06	3.06%	3.38%
12/24/2020	1.66	1.66%	1.44%	12/14/2020	3.01	3.01%	3.39%
12/23/2020	1.68	1.68%	1.45%	12/11/2020	3	3.00%	3.39%
12/22/2020	1.65	1.65%	1.45%	12/10/2020	3.01	3.01%	3.39%
12/21/2020	1.67	1.67%	1.45%	12/9/2020	3.05	3.05%	3.39%
12/18/2020	1.69	1.69%	1.44%	12/8/2020	3.01	3.01%	3.39%
12/17/2020	1.68	1.68%	1.44%	12/7/2020	3.04	3.04%	3.39%
12/16/2020	1.66	1.66%	1.44%	12/4/2020	3.09	3.09%	3.40%
12/15/2020	1.65	1.65%	1.44%	12/3/2020	3.03	3.03%	3.40%
12/14/2020	1.63	1.63%	1.44%	12/2/2020	3.07	3.07%	3.40%
12/11/2020	1.63	1.63%	1.44%	12/1/2020	3.08	3.08%	3.40%
12/10/2020	1.63	1.63%	1.43%	11/30/2020	3.01	3.01%	3.40%
12/9/2020	1.68	1.68%	1.43%	11/27/2020	3.03	3.03%	3.41%
12/8/2020	1.66	1.66%	1.43%	11/25/2020	3.08	3.08%	3.41%
12/7/2020	1.68	1.68%	1.43%	11/24/2020	3.06	3.06%	3.41%
12/4/2020	1.73	1.73%	1.43%	11/23/2020	3.08	3.08%	3.41%
12/3/2020	1.65	1.65%	1.43%	11/20/2020	3.08	3.08%	3.41%
12/2/2020	1.69	1.69%	1.43%	11/19/2020	3.11	3.11%	3.42%
12/1/2020	1.67	1.67%	1.43%	11/18/2020	3.16	3.16%	3.42%
11/30/2020	1.57	1.57%	1.44%	11/17/2020	3.17	3.17%	3.42%
11/27/2020	1.57	1.57%	1.44%	11/16/2020	3.21	3.21%	3.42%
11/26/2020	1.62	1.62%	1.44%	11/13/2020	3.21	3.21%	3.42%
11/25/2020	1.62	1.62%	1.44%	11/12/2020	3.22	3.22%	3.42%