

EMPIRE DISTRICT ELECTRIC COMPANY  
ER-2006-0315  
Data Request  
of  
Praxair, Inc. and Explorer Pipeline Company  
to  
Missouri Public Service Commission Staff

October 31, 2006

<u>Item No.</u>	<u>Description</u>
296.	Please provide a copy of the latest Regulatory Research Associates (RRA) Regulatory Focus on Major Rate Case Decisions for the period January - September, 2006. (This is an update of the Regulatory Focus material previously admitted as Exhibit 98)

Response - See Attachment.

FILED<sup>3</sup>

NOV 28 2006

Missouri Public  
Service Commission

Praxair Exhibit No. 147  
Case No(s). ER-2006-0315  
Date 11/20/06 Rptr LV

The attached or above information provided to the requesting party or parties in response to this data or information request is accurate and complete and contains no material misrepresentations or omissions, based upon present facts to the best of the knowledge, information or belief of the undersigned. The undersigned agrees to immediately inform the requesting party or parties if during the pendency of this case any matters are discovered which would materially affect the accuracy or completeness of the attached information and agrees to regard this as a continuing data request.

As used in this request the term "document" includes publications in any format, work papers, letters, memoranda, notes, reports, analyses, computer analyses, test results, studies or data recordings, transcriptions and printer, typed or written materials of every kind in your possession, custody or control or within your knowledge. The pronoun "you" or "your" refers to the party to whom this request is tendered and named above and includes its employees, contractors, agents or others employed by or acting in its behalf.

Signed: Angela Cloven

Date: 11/01/06

# REGULATORY FOCUS

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Regulatory Study  
October 5, 2006

## MAJOR RATE CASE DECISIONS--JANUARY-SEPTEMBER 2006

For the first nine months of 2006, the average electric equity return authorization by state commissions was 10.34% (15 determinations), slightly below the 10.54% average for calendar-2005. The average gas equity return authorization for the first three quarters of 2006 was 10.49% (9 determinations), which is in line with the 10.46% average for calendar-2005. Not included in these averages is a September 20, 2006 steam rate case decision for Consolidated Edison of New York, in which the New York Public Service Commission adopted a settlement that incorporates a 9.8% return on common equity (48% of capital) and a 7.74% return on rate base.

After reaching a low in the late-1990's and early-2000's, the total number of equity return determinations for energy companies increased somewhat and stabilized beginning in 2002. Relatively low inflation and interest rates, competitive pressures, technological improvements, the use of settlements that do not specify return parameters, and a reduced number of companies due to mergers, may continue to prevent the number of determinations from increasing substantially. However, increased costs (especially medical insurance and pension expenses) and the need for generation and delivery system infrastructure upgrades and expansion at many companies, argue for at least a modest increase in the number of cases to be filed and decided over the next several years. We also note that electric industry restructuring in many states has led to the unbundling of rates, with state commissions authorizing revenue requirement and return parameters for transmission and/or distribution operations only (which we footnote in our chronology table), thus complicating data comparability. The tables included in this study are extensions of those contained in the January 12, 2006 Regulatory Study entitled *Major Rate Case Decisions--January 2004-December 2005--Supplemental Study*. Refer to that report for information concerning individual rate case decisions that were rendered in 2004 and 2005.

The table on page 2 shows annual average equity returns authorized since 1996, and by quarter since 2000, in major electric and gas rate decisions, followed by the number of determinations during each period. The tables on page 3 present the composite industry data for items in the chronology of this and earlier reports, summarized annually since 1996, and quarterly for the most recent seven quarters. The individual electric and gas cases decided in the first nine months of 2006 are listed on pages 4 and 5, with the decision date shown first, followed by the company name, the abbreviation for the state issuing the decision, the authorized rate of return (ROR), return on equity (ROE), and percentage of common equity in the adopted capital structure. Next we show the month and year in which the adopted test year ended, whether the commission utilized an average or a year-end rate base, and the amount of the permanent rate change authorized. The dollar amounts represent the permanent rate change ordered at the time decisions were rendered. Fuel adjustment clause rate changes are not reflected in this study.

Average Equity Returns Authorized January 1996 - September 2006

(Return Percent - No. of Observations)

	Period	Electric Utilities	Gas Utilities
1996	Full Year	11.39 (22)	11.19 (20)
1997	Full Year	11.40 (11)	11.29 (13)
1998	Full Year	11.66 (10)	11.51 (10)
1999	Full Year	10.77 (20)	10.66 (9)
2000	1st Quarter	11.06 (5)	10.71 (1)
	2nd Quarter	11.11 (2)	11.08 (4)
	3rd Quarter	11.68 (2)	11.33 (5)
	4th Quarter	12.08 (3)	12.50 (2)
2000	Full Year	11.43 (12)	11.39 (12)
2001	1st Quarter	11.38 (2)	11.16 (4)
	2nd Quarter	10.88 (2)	10.75 (1)
	3rd Quarter	10.78 (8)	— (0)
	4th Quarter	11.50 (6)	10.65 (2)
2001	Full Year	11.09 (18)	10.95 (7)
2002	1st Quarter	10.87 (5)	10.67 (3)
	2nd Quarter	11.41 (6)	11.64 (4)
	3rd Quarter	11.06 (4)	11.50 (3)
	4th Quarter	11.20 (7)	10.78 (11)
2002	Full Year	11.16 (22)	11.03 (21)
2003	1st Quarter	11.47 (7)	11.38 (5)
	2nd Quarter	11.16 (4)	11.36 (4)
	3rd Quarter	9.95 (5)	10.61 (5)
	4th Quarter	11.09 (6)	10.84 (11)
2003	Full Year	10.97 (22)	10.99 (25)
2004	1st Quarter	11.00 (3)	11.10 (4)
	2nd Quarter	10.54 (6)	10.25 (2)
	3rd Quarter	10.33 (2)	10.37 (8)
	4th Quarter	10.91 (8)	10.66 (6)
2004	Full Year	10.75 (19)	10.59 (20)
2005	1st Quarter	10.51 (7)	10.65 (2)
	2nd Quarter	10.05 (7)	10.54 (5)
	3rd Quarter	10.84 (4)	10.47 (5)
	4th Quarter	10.75 (11)	10.40 (14)
2005	Full Year	10.54 (29)	10.46 (26)
2006	1st Quarter	10.38 (3)	10.63 (6)
	2nd Quarter	10.69 (5)	10.50 (2)
	3rd Quarter	10.06 (7)	9.60 (1)
2006	Year-To-Date	10.34 (15)	10.49 (9)

**Electric Utilities--Summary Table\***

	Period	ROR %	ROE %	Eq. as % Cap. Struc.	Amt. \$ Mil.
1996	Full Year	9.21 (20)	11.39 (22)	44.34 (20)	-5.6 (38)
1997	Full Year	9.16 (12)	11.40 (11)	48.79 (11)	-553.3 (33)
1998	Full Year	9.44 (9)	11.66 (10)	46.14 (8)	-429.3 (31)
1999	Full Year	8.81 (18)	10.77 (20)	45.08 (17)	-1,683.8 (30)
2000	Full Year	9.20 (12)	11.43 (12)	48.85 (12)	-291.4 (34)
2001	Full Year	8.93 (15)	11.09 (18)	47.20 (13)	14.2 (21)
2002	Full Year	8.72 (20)	11.16 (22)	46.27 (19)	-475.4 (24)
2003	Full Year	8.86 (20)	10.97 (22)	49.41 (19)	313.8 (22)
2004	Full Year	8.44 (18)	10.75 (19)	46.84 (17)	1,092.6 (30)
2005	1st Quarter	8.57 (6)	10.51 (7)	44.55 (7)	482.1 (8)
	2nd Quarter	8.27 (5)	10.05 (7)	48.30 (5)	180.2 (9)
	3rd Quarter	7.78 (4)	10.84 (4)	43.58 (4)	40.2 (5)
	4th Quarter	<u>8.37 (11)</u>	<u>10.75 (11)</u>	<u>48.55 (11)</u>	<u>671.2 (14)</u>
2005	Full Year	8.31 (26)	10.54 (29)	46.73 (27)	1,373.7 (36)
2006	1st Quarter	8.13 (3)	10.38 (3)	50.25 (3)	444.6 (9)
	2nd Quarter	8.02 (5)	10.69 (5)	45.40 (4)	130.7 (6)
	3rd Quarter	7.89 (7)	10.06 (7)	46.86 (6)	177.0 (9)
2006	Year-To-Date	7.98 (15)	10.34 (15)	47.19 (13)	752.3 (24)

**Gas Utilities--Summary Table\***

1996	Full Year	9.25 (23)	11.19 (20)	47.69 (19)	193.4 (34)
1997	Full Year	9.13 (13)	11.29 (13)	47.78 (11)	-82.5 (21)
1998	Full Year	9.46 (10)	11.51 (10)	49.50 (10)	93.9 (20)
1999	Full Year	8.86 (9)	10.66 (9)	49.06 (9)	51.0 (14)
2000	Full Year	9.33 (13)	11.39 (12)	48.59 (12)	135.9 (20)
2001	Full Year	8.51 (6)	10.95 (7)	43.96 (5)	114.0 (11)
2002	Full Year	8.80 (20)	11.03 (21)	48.29 (18)	303.6 (26)
2003	Full Year	8.75 (22)	10.99 (25)	49.93 (22)	260.1 (30)
2004	Full Year	8.34 (21)	10.59 (20)	45.90 (20)	303.5 (31)
2005	1st Quarter	8.19 (3)	10.65 (2)	43.00 (1)	50.8 (4)
	2nd Quarter	8.17 (5)	10.54 (5)	47.69 (4)	99.5 (6)
	3rd Quarter	8.15 (6)	10.47 (5)	49.54 (5)	75.3 (7)
	4th Quarter	<u>8.33 (15)</u>	<u>10.40 (14)</u>	<u>49.03 (14)</u>	<u>232.8 (17)</u>
2005	Full Year	8.25 (29)	10.46 (26)	48.66 (24)	458.4 (34)
2006	1st Quarter	8.62 (6)	10.63 (6)	51.18 (6)	138.7 (6)
	2nd Quarter	7.98 (1)	10.50 (2)	44.38 (2)	-4.8 (2)
	3rd Quarter	7.05 (1)	9.60 (1)	45.00 (1)	14.1 (1)
2006	Year-To-Date	8.35 (8)	10.49 (9)	48.98 (9)	148.0 (9)

\* Number of observations in each period indicated in parentheses.

**ELECTRIC UTILITY DECISIONS**

<b>Date</b>	<b>Company (State)</b>	<b>ROR %_</b>	<b>ROE %_</b>	<b>Common Eq. as % Cap. Str.</b>	<b>Test Year &amp; Rate Base</b>	<b>Amt. \$ Mil.</b>
1/5/06	Northern States Power (WI)	8.94 (G)	11.00	53.66	12/06-A	43.4
1/25/06	Wisconsin Electric Power (WI)	---	---	---	---	229.7 (1)
1/27/06	United Illuminating (CT)	6.88 (2)	9.75	48.00	12/04-A	41.2 (R,Di,Z,2)
2/22/06	PacifiCorp (WY)	---	---	---	---	25.0 (B,Z)
2/23/06	Aquila Networks-MPS (MO)	---	---	---	---	22.4 (B)
2/23/06	Aquila Networks-L&P (MO)	---	---	---	---	3.9 (B)
3/3/06	Interstate Power and Light (MN)	8.58	10.39	49.10	12/04-A	1.2 (I,B)
3/14/06	Kentucky Power (KY)	---	---	---	---	41.0 (B)
3/29/06	Entergy Gulf States (LA)	---	---	---	---	36.8 (I,B)
<b>2006</b>	<b>1ST QUARTER: AVERAGES/TOTAL</b>	<b>8.13</b>	<b>10.38</b>	<b>50.25</b>		<b>444.6</b>
	<b>MEDIAN</b>	<b>8.58</b>	<b>10.39</b>	<b>49.10</b>		<b>---</b>
	<b>OBSERVATIONS</b>	<b>3</b>	<b>3</b>	<b>3</b>		<b>9</b>
4/17/06	PacifiCorp (WA)	8.10	10.20	46.00	9/04-A	0.0
4/18/06	MidAmerican Energy (IA)	---	11.90 (3)	---	---	---
4/25/06	Delmarva Power & Light (DE)	7.17	10.00	47.72	3/05-A	-11.1 (Di)
4/26/06	Sierra Pacific Power (NV)	8.96	10.60	40.76	5/05-YE	-14.0
5/12/06	Idaho Power (ID)	8.10	---	---	12/05	18.1 (B)
5/17/06	Southern California Edison (CA)	---	---	---	12/06-A	133.9 (4)
6/27/06	Upper Peninsula Power (MI)	7.75	10.75	47.12	12/06	3.8 (B)
<b>2006</b>	<b>2ND QUARTER: AVERAGES/TOTAL</b>	<b>8.02</b>	<b>10.69</b>	<b>45.40</b>		<b>130.7</b>
	<b>MEDIAN</b>	<b>8.10</b>	<b>10.60</b>	<b>46.56</b>		<b>---</b>
	<b>OBSERVATIONS</b>	<b>5</b>	<b>5</b>	<b>4</b>		<b>6</b>
7/6/06	Maine Public Service (ME)	8.45	10.20	50.00	12/05	1.8 (B,Di)
7/24/06	Central Hudson Gas & Electric (NY)	7.05 (5)	9.60	45.00	3/06-A	53.7 (B,Z,TD)
7/26/06	AEP West Virginia (WV)	7.60	10.50	---	12/04-A	111.7 (B,Z)
7/28/06	Commonwealth Edison (IL)	8.01	10.05	42.86	12/04-YE	8.3 (TD,6)
8/23/06	New York State Electric & Gas (NY)	7.18	9.55	41.60	12/07-A	-36.3 (TD)
8/31/06	Detroit Edison (MI)	---	---	---	---	-78.8 (B,Z)
9/1/06	Northern States Power (MN)	8.81	10.54	51.67	12/06-A	131.5 (I,7)
9/5/06	CenterPoint Energy Houston Electric (TX)	---	---	---	---	-57.9 (B,TD)
9/14/06	PacifiCorp (OR)	8.16	10.00	50.00	12/07-A	43.0 (B,6)
<b>2006</b>	<b>3RD QUARTER: AVERAGES/TOTAL</b>	<b>7.89</b>	<b>10.06</b>	<b>46.86</b>		<b>177.0</b>
	<b>MEDIAN</b>	<b>8.01</b>	<b>10.05</b>	<b>47.50</b>		<b>---</b>
	<b>OBSERVATIONS</b>	<b>7</b>	<b>7</b>	<b>6</b>		<b>9</b>
<b>2006</b>	<b>YEAR-TO-DATE: AVERAGES/TOTAL</b>	<b>7.98</b>	<b>10.34</b>	<b>47.19</b>		<b>752.3</b>
	<b>MEDIAN</b>	<b>8.10</b>	<b>10.20</b>	<b>47.42</b>		<b>---</b>
	<b>OBSERVATIONS</b>	<b>15</b>	<b>15</b>	<b>13</b>		<b>24</b>

## GAS UTILITY DECISIONS

Date	Company (State)	ROR %	ROE %	Common Eq. as % Cap. Str.	Test Year & Rate Base	Amt. \$ Mil.
1/5/06	Northern States Power (WI)	8.94 (G)	11.00	53.66	12/06-A	3.9
1/25/06	Wisconsin Electric Power (WI)	8.52 (G)	11.20	56.34	12/06-A	21.4
1/25/06	Wisconsin Gas (WI)	8.29 (G)	11.20	50.20	12/06-A	38.7
2/3/06	Public Service of Colorado (CO)	8.70	10.50	55.49	12/04-A	22.5 (B)
2/23/06	Southwest Gas (AZ)	8.40	9.50	40.00 (Hy)	8/04-YE	49.3
3/1/06	Aquila (IA)	8.88	10.40 (E)	51.39	12/04-A	2.9 (I,B)
<b>2006</b>	<b>1ST QUARTER: AVERAGES/TOTAL</b>	<b>8.62</b>	<b>10.63</b>	<b>51.18</b>		<b>138.7</b>
	<b>MEDIAN</b>	<b>8.61</b>	<b>10.75</b>	<b>52.53</b>		<b>---</b>
	<b>OBSERVATIONS</b>	<b>6</b>	<b>6</b>	<b>6</b>		<b>6</b>
4/26/06	Sierra Pacific Power (NV)	7.98	10.60	40.76	5/05-YE	4.9
5/25/06	LA Gas Service/Trans LA Gas (LA)	---	10.40	48.00 (Hy)	---	--- (B)
5/26/06	Questar Gas (UT)	---	---	---	---	-9.7 (B)
<b>2006</b>	<b>2ND QUARTER: AVERAGES/TOTAL</b>	<b>7.98</b>	<b>10.50</b>	<b>44.38</b>		<b>-4.8</b>
	<b>MEDIAN</b>	<b>7.98</b>	<b>10.50</b>	<b>44.38</b>		<b>---</b>
	<b>OBSERVATIONS</b>	<b>1</b>	<b>2</b>	<b>2</b>		<b>2</b>
7/24/06	Central Hudson Gas & Electric (NY)	7.05 (5)	9.60	45.00	3/06-A	14.1 (B,Z,Di)
<b>2006</b>	<b>3RD QUARTER: AVERAGES/TOTAL</b>	<b>7.05</b>	<b>9.60</b>	<b>45.00</b>		<b>14.1</b>
	<b>MEDIAN</b>	<b>7.05</b>	<b>9.60</b>	<b>45.00</b>		<b>---</b>
	<b>OBSERVATIONS</b>	<b>1</b>	<b>1</b>	<b>1</b>		<b>1</b>
<b>2006</b>	<b>YEAR-TO-DATE: AVERAGES/TOTAL</b>	<b>8.35</b>	<b>10.49</b>	<b>48.98</b>		<b>148.0</b>
	<b>MEDIAN</b>	<b>8.46</b>	<b>10.50</b>	<b>50.20</b>		<b>---</b>
	<b>OBSERVATIONS</b>	<b>8</b>	<b>9</b>	<b>9</b>		<b>9</b>

## FOOTNOTES

- A- Average
- B- Order followed stipulation or settlement by the parties. Decision particulars not necessarily precedent-setting or specifically adopted by the regulatory body.
- Di- Rate change applicable to electric distribution rates only.
- E- Estimated
- G- Return on capital
- Hy- Hypothetical capital structure utilized
- I- Interim rates implemented prior to the issuance of final order, normally under bond and subject to refund.
- TD- Rate change applicable to electric transmission and distribution rates only.
- YE- Year-end
- Z- Rate change implemented in multiple steps.
- \* Capital structure includes cost-free items or tax credit balances at the overall rate of return.

- (1) The electric rate increase was not supported by a traditional cost-of-service analysis, but reflected recovery of certain specific costs.
- (2) Indicated rate increase to be phased-in over four years, with a 6.88% ROR authorized for 2006, 6.89% for 2007, 7.09% for 2008, and 7.48% for 2009.
- (3) ROE applies only to a proposed 545-mW wind generation project.
- (4) Increase is net of a \$139.6 million one-time reduction resulting from a post-retirement-benefits-other-than-pensions overcollection. Additional increases of \$73.5 million and \$104.1 million authorized for 2007 and 2008, respectively.
- (5) Multi-year rate increase adopted. Authorized ROR for year one is 7.05%, for year two is 7.09%, and for year three is 7.13%.
- (6) Rate increase to become effective 1/1/07.
- (7) Rate increase declines to \$114.9 million effective 1/1/07.

Dennis Spurduto