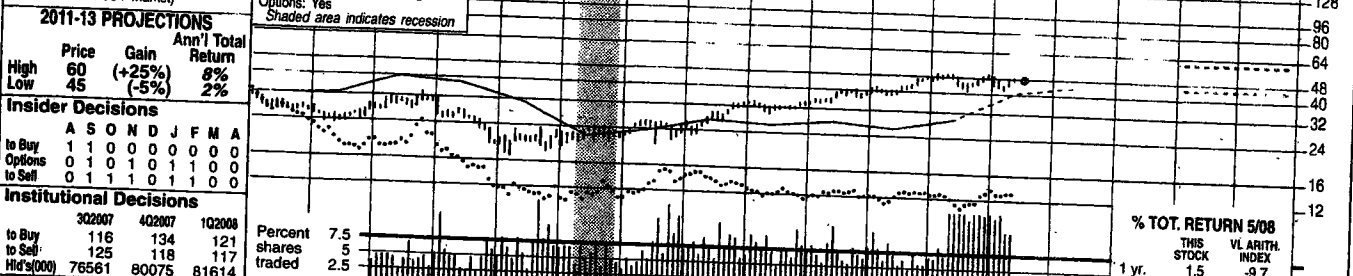




# WISCONSIN ENERGY NYSE-WEC

<b>TIMELINESS</b>	<b>3</b>	Raised 11/9/07
<b>SAFETY</b>	<b>2</b>	Lowered 7/11/97
<b>TECHNICAL</b>	<b>3</b>	Lowered 5/30/08
<b>BETA</b>	<b>.80</b>	(1.00 = Market)

<b>2011-13 PROJECTIONS</b>	<b>Insider Decisions</b>	<b>Institutional Decisions</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>©VALUE LINE PUB., INC. 11-13</b>
High: 29.1	Low: 23.0	34.0	31.6	23.6	24.6	26.5	33.7	34.6	40.8	48.7	50.5	49.6									
23.0	27.0	19.1	16.8	19.1	20.2	22.6	29.5	33.3	38.2	41.1	42.0										
<b>LEGENDS</b>																					
— 1.36 x Dividends p sh																					
divided by Interest Rate																					
..... Relative Price Strength																					
Options: Yes																					
Shaded area indicates recession																					
Price																					
Gain																					
Ann'l Total																					
High																					
Low																					
60																					
(+25%)																					
8%																					
45																					
(-5%)																					
2%																					



1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	© VALUE LINE PUB., INC.		11-13
15.05	15.61	15.99	15.98	15.88	15.86	17.13	19.11	28.28	34.04	32.20	34.24	29.33	32.62	34.17	36.24	38.90	41.45	Revenues per sh	49.50	
3.22	3.84	3.81	4.28	4.25	2.96	4.13	4.53	4.48	5.44	5.68	5.71	5.16	5.78	5.80	5.97	5.90	6.60	"Cash Flow" per sh	8.50	
1.67	1.81	1.67	2.13	1.97	.54	1.65	1.88	1.08	1.84	2.32	2.26	1.85	2.56	2.64	2.84	2.80	3.25	Earnings per sh <sup>A</sup>	4.25	
1.29	1.34	1.40	1.46	1.51	1.54	1.56	1.56	1.37	.80	.80	.83	.88	.92	1.00	1.08	1.24	Div'd Dec'd per sh <sup>B +</sup>	1.60		
3.11	3.43	2.76	2.50	3.53	3.13	3.52	4.44	5.29	6.03	5.07	5.89	5.70	6.79	8.35	10.56	10.45	7.20	Cap'l Spending per sh	7.25	
14.97	15.67	16.01	16.89	17.42	16.51	16.46	16.89	17.00	17.81	18.44	19.92	21.31	22.91	24.70	26.50	27.95	29.65	Book Value per sh <sup>C</sup>	36.00	
103.09	105.32	108.94	110.82	111.68	112.87	115.61	118.90	118.65	115.42	116.03	118.43	116.99	116.98	116.97	116.94	117.00	117.00	Common Shs Outst'g <sup>D</sup>	117.00	
15.6	15.2	15.2	13.1	14.3	47.3	18.0	13.3	18.7	12.1	10.5	12.4	17.5	14.5	16.0	16.5	16.5	16.5	Avg Ann'l P/E Ratio	12.5	
.95	.90	1.00	.88	.90	2.73	.94	.76	1.22	.62	.57	.71	.92	.77	.86	.87	.87	.87	Relative P/E Ratio	.85	
5.0%	4.9%	5.5%	5.2%	5.4%	6.0%	5.2%	6.3%	6.8%	3.6%	3.3%	2.8%	2.6%	2.4%	2.2%	2.1%	2.1%	2.1%	Avg Ann'l Div'd Yield	3.0%	
																		Value Line		

CAPITAL STRUCTURE as of 3/31/08													estimates		2008		2009
Total Debt \$4383.8 mill. Due in 5 Yrs \$1949.9 mill.	1980.0	2272.6	3354.7	3928.5	3736.2	4054.3	3431.1	3815.5	3996.4	4237.8	4550	4850	Avg Ann'l Div'd Yield	3.0%			
LT Debt \$2974.2 mill. LT Interest \$178.5 mill.	189.3	231.5	132.0	218.8	270.8	269.2	221.2	304.8	313.7	337.7	335	385	Revenues (\$mill)	5800			
Incl. \$154.1 mill. capitalized leases.	32.7%	33.8%	43.7%	40.9%	37.4%	35.5%	37.5%	32.9%	35.8%	39.1%	39.0%	39.0%	Net Profit (\$mill)	500			
LT interest earned: 3.3x)	5.7%	5.8%	12.3%	6.9%	4.1%	6.9%	10.0%	12.5%	19.0%	23.8%	15.0%	13.0%	Income Tax Rate	39.0%			
Leases, Uncapitalized Annual rentals \$37.0 mill.	47.5%	48.8%	58.9%	62.2%	59.8%	59.9%	56.2%	52.8%	51.3%	50.3%	51.5%	51.5%	AFUDC % to Net Profit	8.0%			
Pension Assets-12/07 \$1.01 bill. Oblig. \$1.16 bill.	51.7%	45.9%	40.5%	37.2%	39.6%	39.6%	43.3%	46.7%	48.2%	49.2%	48.0%	48.0%	Long-Term Debt Ratio	48.5%			
Pfd Stock \$30.4 mill. Pfd Div'd \$12 mill.	3682.6	4372.8	4979.9	5523.8	5400.3	5963.3	5762.3	5741.5	5992.8	6302.1	6825	7225	Common Equity Ratio	51.0%			
260,000 shs. 3.60%, \$100 par, callable at \$101;	3238.4	3846.6	4152.4	4188.0	4398.8	5926.1	5903.1	6362.9	7052.5	7681.2	8545	9000	Total Capital (\$mill)	8275			
44,498 shs. 6%, \$100 par.	6.6%	6.7%	4.7%	5.8%	7.1%	6.3%	5.6%	7.0%	6.6%	7.0%	6.5%	7.0%	Net Plant (\$mill)	10225			
Common Stock 116,927,953 shs.	9.8%	10.3%	6.4%	10.5%	12.5%	11.3%	8.8%	11.2%	10.7%	10.8%	10.0%	11.0%	Return on Total Cap'l	7.5%			
MARKET CAP: \$5.6 billion (Large Cap)	9.9%	10.9%	6.5%	10.6%	12.6%	11.4%	8.8%	11.3%	10.8%	10.9%	10.0%	11.0%	Return on Shr. Equity	12.0%			
ELECTRIC OPERATING STATISTICS	.6%	1.9%	NMF	6.0%	8.3%	7.4%	4.9%	7.5%	7.1%	7.1%	6.5%	7.0%	Return on Com Equity	12.0%			
2005 2006 2007	94%	84%	NMF	43%	35%	35%	45%	34%	35%	35%	38%	38%	Retained to Com Eq	7.5%			

**BUSINESS:** Wisconsin Energy Corporation (WEC) is a holding company for We Energies, which provides electric, gas & steam service in WI & upper MI. Customers: 1.1 mill. elec., 1 mill. gas. Acq'd Edison Sault Electric 5/98; WICOR 4/00. Discontinued pump-manufacturing ops. in '04. Sold Point Beach nuclear plant in '07. Electric rev. breakdown, '07: residential, 34%, small commercial & industrial, 32%; large comm'l & ind'l, 25%; other, 9%. Generating sources, '07: coal, 54%; nuclear, 17%; gas, 6%; hydro, 1%; purch., 22%. Fuel costs: 48% of revs. '07 reported depr. rate (utility): 3.7%. Has 5,000 empls. Chairman, Pres. & CEO: Gale E. Klappa, Inc.: WI. Address: 231 W Michigan St. P.O. Box 2949, Milwaukee, WI 53201. Tel.: 414-221-2345. Internet: www.wisconsinenergy.com

<b>ANNUAL RATES</b>	<b>Past 10 Yrs</b>	<b>Past 5 Yrs</b>	<b>Est'd '05-'07</b>	<b>to '11-'13</b>
Revenues	8.0%	1.5%	6.5%	6.5%
"Cash Flow"	4.5%	2.5%	6.5%	6.5%
Earnings	5.5%	9.0%	8.0%	8.0%
Dividends	-4.5%	-1.0%	9.5%	9.5%
Book Value	4.0%	7.0%	6.5%	6.5%

<b>QUARTERLY REVENUES (\$ mill.)</b>	<b>Cal-ender</b>	<b>Mar.31</b>	<b>Jun.30</b>	<b>Sep.30</b>	<b>Dec.31</b>	<b>Full Year</b>
2005	1094.7	788.5	797.3	1135.0	3815.5	
2006	1247.0	814.4	839.8	1095.2	3996.4	
2007	1301.1	906.5	881.5	1148.7	4237.8	
2008	1431.8	950	950	1218.2	4550	
2009	1525	1000	1025	1300	4850	

<b>EARNINGS PER SHARE</b>	<b>Cal-ender</b>	<b>Mar.31</b>	<b>Jun.30</b>	<b>Sep.30</b>	<b>Dec.31</b>	<b>Full Year</b>
2005	.76	.48	.56	.77	2.56	
2006	.88	.50	.60	.65	2.64	
2007	.85	.49	.70	.80	2.84	
2008	1.04	.46	.50	.80	2.80	
2009	1.10	.55	.65	.95	3.25	

<b>QUARTERLY DIVIDENDS PAID</b>	<b>Cal-ender</b>	<b>Mar.31</b>	<b>Jun.30</b>
---------------------------------	------------------	---------------	---------------

# HAWAIIAN ELECTRIC NYSE:HE

RECENT PRICE **24.51** P/E RATIO **22.3** (Trailing: 18.2; Median: 15.0) RELATIVE P/E RATIO **1.44** DIV'D YLD **5.1%** VALUE LINE **1786**

**TIMELINESS** 3 Lowered 7/18/06  
**SAFETY** 2 Raised 2/15/02  
**TECHNICAL** 3 Lowered 7/18/06  
**BETA** .75 (1.00 = Market)

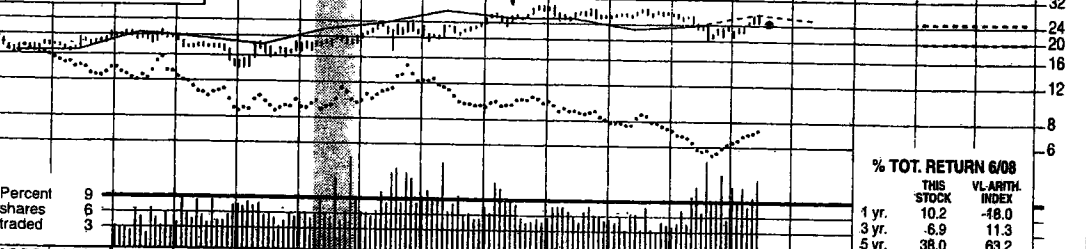
High: 20.8 21.3 20.3 19.0 20.6 24.5 24.0 29.5 29.8 28.9 27.5 27.2  
 Low: 16.4 18.2 14.0 13.8 16.8 17.3 19.1 23.0 24.6 25.7 20.3 21.0

LEGENDS  
 0.88 x Dividends p sh  
 divided by Interest Rate  
 Relative Price Strength  
 2-for-1 split 6/04  
 Options: Yes  
 Shaded area indicates recession

**2011-13 PROJECTIONS**  
 Price Gain Ann'l Total  
 High 25 (Nil) 5%  
 Low 20 (-20%) Nil

**Insider Decisions**  
 S O N D J F M A M  
 to Buy 0 0 0 0 0 0 0 0  
 Options 0 0 0 0 0 0 0 0  
 to Sell 0 0 0 0 0 0 0 0

**Institutional Decisions**  
 3Q2007 4Q2007 1Q2008  
 to Buy 57 87 94  
 to Sell 89 53 70  
 Mid's(000) 26611 27714 30608



1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	VALUE LINE PUB, INC.	11-13
20.83	20.64	20.74	21.76	22.86	22.95	23.12	23.64	26.05	24.26	22.48	23.49	23.85	27.36	30.21	30.40	34.50	34.85	Revenues per sh	38.75
2.51	2.23	2.52	2.73	2.81	3.01	3.23	3.35	3.08	3.33	3.52	3.54	3.09	3.22	3.19	3.01	3.00	3.60	"Cash Flow" per sh	4.00
1.27	1.19	1.30	1.33	1.30	1.38	1.48	1.45	1.27	1.60	1.62	1.58	1.36	1.46	1.33	1.11	1.10	1.65	Earnings per sh	2.00
1.13	1.15	1.17	1.19	1.21	1.22	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	Div'd Decl'd per sh	1.30
4.03	4.06	3.50	3.27	3.33	2.31	2.60	2.09	2.04	1.77	1.74	2.15	2.66	2.76	2.58	2.62	4.10	3.45	Cap'l Spending per sh	2.75
11.06	11.62	11.90	12.25	12.52	12.77	12.87	13.16	12.72	13.06	14.21	14.36	15.01	15.02	13.44	15.29	15.10	15.40	Book Value per sh	17.00
49.52	55.35	57.31	59.55	61.71	63.79	64.23	64.43	65.98	71.20	73.62	75.84	80.69	80.98	81.46	83.43	85.50	87.50	Common Shs Outst'g	89.00
15.3	15.5	12.5	13.5	13.7	13.2	13.4	12.1	12.9	11.8	13.5	13.8	19.2	18.3	20.3	21.6	21.6	21.6	Avg Ann'l P/E Ratio	12.0
.93	.92	.82	.90	.86	.76	.70	.69	.84	.60	.74	.79	1.01	.97	1.10	1.13	1.13	1.13	Relative P/E Ratio	.80
5.8%	6.2%	7.2%	6.6%	6.8%	6.7%	6.2%	7.1%	7.5%	6.6%	5.7%	5.7%	4.8%	4.6%	4.6%	5.2%	5.2%	5.2%	Avg Ann'l Div'd Yield	5.5%

**CAPITAL STRUCTURE** as of 3/31/08  
 Total Debt \$1401.3 mill Due in 5 Yrs \$465.0 mill.  
 LT-Debt \$1152.0 mill. LT Interest \$63.0 mill.  
 Incl. \$50 mill. 6.5% oblig. pfd. sec. of trust subord.  
 (LT interest earned: 2.9%)  
**Pension Assets-12/07** \$907.3 mill. Oblig. \$998.6 mill.  
**Pfd Stock** \$34.3 mill. Pfd Div'd \$2.0 mill.  
 1,114,657 shs 4 1/4% to 5 1/4%, \$20 par. call. \$20 to \$21; 120,000 shs. 7 1/2%, \$100 par. call. \$100.  
 Sinking fund ends 2018.  
**Common Stock** 84,077,675 shs.  
 as of 4/30/08  
**MARKET CAP:** \$2.1 billion (Mid Cap)

**ELECTRIC OPERATING STATISTICS**  
 2005 2006 2007  
 % Change Retail Sales (KWH) +3.3 +3.3 +3.3  
 Avg. Indust. Use (MWH) 6718 6623 6584  
 Avg. Indust. Revs. per KWH (¢) 15.21 17.38 17.68  
 Capacity at Yearend (Mw) 2184 2204 2223  
 Peak Load, Winter (Mw) 1641 1685 1635  
 Annual Load Factor (%) 74.1 72.5 74.7  
 % Change Customers (yr-end) +1.7 +1.2 +1.3

**ANNUAL RATES** Past Past Est'd '05-'07  
 of change (per sh) 10 Yrs. 5 Yrs. to '11-'13  
 Revenues 2.5% 4.0% 5.0%  
 "Cash Flow" 1.0% -1.0% 4.0%  
 Earnings -5% -3.0% 7.5%  
 Dividends .5% - 1.0%  
 Book Value 1.5% 2.0% 2.5%

Cal-endar	QUARTERLY REVENUES (\$ mill.)	Full Year
Mar.31 Jun.30 Sep.30 Dec.31		
2005	472.6 522.3 595.9 624.8	2215.6
2006	574.9 605.0 673.9 607.1	2460.9
2007	554.0 600.8 673.4 708.2	2536.4
2008	729.6 735.4 740 745	2950
2009	750 750 775 775	3050

Cal-endar	EARNINGS PER SHARE	Full Year
Mar.31 Jun.30 Sep.30 Dec.31		
2005	.30 .35 .46 .35	1.46
2006	.40 .33 .40 .20	1.33
2007	.17 .21 .24 .49	1.11
2008	.41 .40 .40 .34	1.10
2009	.40 .40 .45 .40	1.65

Cal-endar	QUARTERLY DIVIDENDS PAID	Full Year
Mar.31 Jun.30 Sep.30 Dec.31		
2004	.31 .31 .31 .31	1.24
2005	.31 .31 .31 .31	1.24
2006	.31 .31 .31 .31	1.24
2007	.31 .31 .31 .31	1.24
2008	.31 .31 .31 .31	1.24

**BUSINESS:** Hawaiian Electric Industries, Inc. is the parent company of Hawaiian Electric Company (HECO) and American Savings Bank (ASB). HECO & its subs., Maui Electric Co. (MECO) & Hawaii Electric Light Co. (HELCO), supply electricity to 440,000 customers on Oahu, Maui, Molokai, Lanai, & Hawaii. Operating companies' systems are not interconnected. Discontinued int'l power sub. in

**Hawaiian Electric Industries has taken a major step to improve results at its American Savings Bank (ASB) subsidiary.** ASB's new president determined that the bank had too many "whole-sale" assets and liabilities (i.e., things other than loans and deposits) on its balance sheet. These were dragging down ASB's return on assets, which has long been subpar, at well below 1%. So the bank sold \$1.3 billion of wholesale securities and unwound \$1.2 billion of borrowings. Pending the approval of the Office of Thrift Supervision, HEI will seek to have roughly \$75 million of excess capital returned to the parent company. This will offset some of its financing needs. ASB is also taking steps to improve its efficiency ratio, which has been hurt by excessive costs. Increased automation should help in this regard. The one downside is that the moves will force HEI to take a \$36 million aftertax charge (included in our presentation) in the June quarter. Thus **We have slashed our 2008 earnings estimate.** We now estimate that profits will wind up about equal to the 2007 tally, despite the fact that HEI's utilities are

benefiting from interim rate hikes that they received last year. Assuming that 2009 is a more "normal" year, the bottom line should be much improved. **Hawaiian Electric Company has filed a general rate case.** The utility is seeking an increase of \$97.0 million (5.2%) based on an 11.25% return on equity. HECO is asking for an interim rate hike of \$73.1 million as soon as possible, followed by \$23.9 million when a 110-megawatt generating plant goes into service. Due to rising operating expenses, the utility has not been earning its allowed ROE (currently 10.7%). For the 12 months that ended on March 31st, HECO earned an ROE of just 6.65%. Despite the utility's clear need for rate relief, this is a challenging time to file a rate case, given the high cost of oil, which fuels its plants. An interim rate order is due by mid-2009. **We think investors should look elsewhere, despite the high yield.** The share price is near the upper end of our 3- to 5-year Target Price Range. A dividend hike is unlikely for a while, so total return potential to 2011-2013 is low. **Paul E. Debbas, CFA August 8, 2008**

(A) Diluted EPS. Excl. gains (losses) from disc. ops.: '98, (16¢); '99, 6¢; '00, (56¢); '01, (36¢); '03, (5¢); '04, 2¢; '05, (1¢); nonrec. gain (loss): '05, 11¢; '07, (9¢). Next egs. due early Nov.  
 (B) Div'ds historically paid in early Mar., June, Sept., and Dec. = Div'd reinv. plan avail. † Sharehldr. invest. plan avail. (C) Incl. intang. in '07: \$4.41/sh. (D) In mill., adj. for split. (E) Rate base: Orig. cost. Rate all'd on com. eq. in '07: HECO, 10.7% (interim); in '07: HELCO, 10.7%; in '07: MECO, 10.7%; earned on avg. com. eq., '07: 7.7%. Regulatory Climate: Above Average.  
 © 2008, Value Line Publishing, Inc. All rights reserved. Factual material is obtained from sources believed to be reliable and is provided without warranties of any kind. THE PUBLISHER IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS HEREIN. This publication is strictly for subscriber's own, non-commercial, internal use. No part of it may be reproduced, resold, stored or transmitted in any printed, electronic or other form, or used for generating or marketing any printed or electronic publication, service or product.  
 Company's Financial Strength B++  
 Stock's Price Stability 100  
 Price Growth Persistence 40  
 Earnings Predictability 70  
 To subscribe call 1-800-833-0046.

# MDU RESOURCES

NYSE-MDU

RECENT PRICE 31.26

P/E RATIO 15.6 (Trailing: 16.2 Median: 14.0)

RELATIVE P/E RATIO 1.01

DIV'D YLD 2.0%

VALUE LINE 1788

**TIMELINESS** 2 Raised 5/30/08  
**SAFETY** 1 Raised 8/17/01  
**TECHNICAL** 2 Raised 8/8/08  
**BETA** 1.00 (1.00 = Market)

High: 9.9 12.8 12.1 14.7 17.9 14.9 16.2 18.5 24.8 27.0 31.8 35.3  
Low: 6.2 8.4 8.4 7.8 9.9 8.0 10.9 14.6 17.0 21.8 24.4 23.1

**LEGENDS**  
1.62 x Dividends p sh divided by Interest Rate  
Relative Price Strength  
3-for-2 split 10/95  
3-for-2 split 7/98  
3-for-2 split 10/03  
3-for-2 split 7/06  
Options: Yes  
Shaded area indicates recession

**2011-13 PROJECTIONS**  
Price 35 (+10%)  
Gain 30 (-5%)  
Ann'l Total Return 5%  
High 35  
Low 30

**Insider Decisions**  
S O N D J F M A M  
to Buy 0 0 0 0 0 0 0 0 0  
to Sell 0 0 1 0 0 0 0 0 3  
Options 0 0 1 0 0 0 0 0 2

**Institutional Decisions**  
302007 402007 102008  
to Buy 118 135 143  
to Sell 135 128 132  
Hld's(000) 87585 89630 91770

1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
3.67	4.57	4.68	4.83	5.36	6.40	7.51	9.97	12.81	14.16	12.03	13.83	15.33	19.21	22.49	23.22	26.10	27.15
.77	.87	.91	1.00	1.12	1.26	1.27	1.29	1.51	1.84	1.74	2.18	2.37	2.80	3.25	3.41	3.75	3.95
.36	.40	.41	.42	.47	.55	.64	.68	.80	.98	1.82	1.08	1.20	1.53	1.75	1.76	2.00	2.05
.29	.30	.31	.32	.33	.33	.35	.36	.38	.40	.42	.44	.47	.49	.52	.56	.60	.64
.74	1.07	.85	.87	1.16	1.18	.81	1.29	.84	1.35	1.66	1.84	1.90	2.84	2.81	3.05	4.05	3.95
3.16	3.31	3.40	3.51	3.65	4.07	4.62	5.22	6.02	7.37	7.71	8.44	9.39	10.43	11.88	13.75	14.90	16.25
96.11	96.11	96.11	96.11	96.11	94.98	119.33	128.34	146.31	157.00	166.60	170.04	177.34	179.86	181.02	182.95	185.00	187.00
13.5	15.1	13.7	13.7	13.9	13.4	16.6	15.1	13.2	13.8	14.4	13.0	13.6	13.0	13.7	15.7	15.7	15.7
.82	.89	.90	.92	.87	.77	.86	.86	.86	.71	.79	.74	.72	.69	.74	.83	.83	.83
5.9%	5.0%	5.6%	5.5%	5.1%	4.5%	3.3%	3.6%	3.6%	3.0%	3.6%	3.1%	2.9%	2.5%	2.2%	2.0%	2.0%	2.0%

**CAPITAL STRUCTURE as of 3/31/08**  
Total Debt \$1481.6 mill. Due in 5 Yrs \$555.9 mill.  
LT Debt \$1270.0 mill. LT Interest \$73.0 mill.  
(LT Interest earned: 8.2%)  
Leases, Uncapitalized Annual rentals \$20.3 mill.  
Pension Assets-12/07 \$331.0 mill. Oblig. \$359.9 mill.  
Pfd Stock \$15.0 mill. Pfd Div'd \$7 mill.  
50,000 shs. 4.7% cum. (\$100 par), call. at \$102;  
100,000 shs. 4.5% (\$100 par), call. at \$105.  
Common Stock 182,868,115 shs.  
as of 4/29/08

**MARKET CAP: \$5.7 billion (Large Cap)**

	2005	2006	2007
% Change Retail Sales (KWH)	+4.8	+2.9	+4.8
Av. Indust. Use (MWH)	1219	1268	1358
Av. Indust. Revs. per KWH (¢)	4.57	4.70	4.83
Capacity at Peak (Mw)	546	547	571
Peak Load, Summer (Mw)	470	485	526
Annual Load Factor (%)	58.0	56.0	NA
% Change Customers (avg.)	+6	+6	+8

	2005	2006	2007
Fixed Charge Cov. (%)	663	651	690
ANNUAL RATES of change (per sh)	Past 10 Yrs.	Past 5 Yrs.	Est'd '05-'07 to '11-'13
Revenues	14.5%	10.5%	6.5%
"Cash Flow"	11.0%	13.0%	7.0%
Earnings	13.5%	14.0%	7.0%
Dividends	5.0%	5.5%	6.5%
Book Value	12.5%	11.5%	9.5%

Cal-endar	QUARTERLY REVENUES (\$mill.)	Full Year
	Mar.31 Jun.30 Sep.30 Dec.31	
2005	604.3 770.2 1066.8 1014.1	3455.4
2006	814.8 973.2 1190.6 1092.1	4070.7
2007	787.5 982.4 1245.3 1232.7	4247.9
2008	1122 1178 1275 1250	4825
2009	1155 1200 1375 1350	5080

Cal-endar	QUARTERLY EARNINGS PER SHARE	Full Year
	Mar.31 Jun.30 Sep.30 Dec.31	
2005	.19 .45 .48 .41	1.53
2006	.29 .39 .61 .45	1.75
2007	.23 .45 .57 .52	1.76
2008	.39 .51 .60 .50	2.00
2009	.30 .55 .65 .55	2.05

Cal-endar	QUARTERLY DIVIDENDS PAID	Full Year
	Mar.31 Jun.30 Sep.30 Dec.31	
2004	.113 .113 .113 .12	.46
2005	.12 .12 .12 .12	.49
2006	.127 .127 .127 .135	.52
2007	.135 .135 .135 .145	.55
2008	.145 .145 .145 .145	.55

**MDU Resources is benefiting from high prices of oil and gas.** Production growth of 12%-16% is expected in 2008, with about half of the increase reflecting a big acquisition that took effect at the start of the year. The record level of oil prices is a big plus for the company, since MDU has hedged little of its expected oil production. The sputtering economy is hurting two of MDU's divisions. Especially hard hit is the Construction Materials segment, where the normal seasonal loss in the first quarter more than doubled, to \$21 million. The decline in residential construction has spilled over to affect commercial building. Although public works projects are picking up some of the slack, margins aren't as high as on private projects. The sharp rise in the cost of diesel fuel is a problem, too. Earnings in this operation are likely to decline for the full year. To a lesser extent, the economic weakness is also affecting the Construction Services unit, where MDU expects lower margins in 2008. Despite the strength in gas and oil prices, we have raised our 2008 and 2009 earnings estimates only slightly. We figure that the weakness in the Con-

struction Materials division will mitigate the strength in the Gas and Oil Production segment. We have boosted our 2008 and 2009 estimates by a dime a share, to \$2.00 and \$2.05, respectively.

**A utility acquisition is pending.** MDU plans to buy privately held Intermountain Gas, which serves over 300,000 customers in a fast-growing area in Idaho. The price, including the assumption of \$80 million-\$85 million of debt, is \$328 million. The deal should close in the fourth quarter of 2008. It won't affect earnings much in the first year, but we will wait to adjust our figures until after it has closed, anyway. This timely stock has far outperformed the broad market averages so far this year. This reflects the sharp rise in gas and oil prices. But MDU is hardly a pure play—this division generated 41% of operating income in 2007. That's material, but still less than half of corporate profits. Considering the falloff in Construction Materials (25% of operating income in 2007), we think the stock's run-up is excessive. In fact, the quotation is well within our 2011-2013 Target Price Range.

Paul E. Debbas, CFA August 8, 2008

PG&E CORP. NYSE-PCG				RECENT PRICE	37.31	P/E RATIO	12.6	(Trailing: 13.9) Median: 15.0	RELATIVE P/E RATIO	0.81	DIV'D YLD	4.3%	VALUE LINE	1789							
<b>TIMELINESS</b> 3	Raised 7/11/08	High: 30.9	35.1	34.0	31.8	20.9	23.8	28.0	34.5	40.1	48.2	52.2	45.7								
<b>SAFETY</b> 2	Raised 5/12/06	Low: 20.9	29.1	20.3	17.0	6.5	8.0	11.7	25.9	31.8	36.3	42.6	36.3								
<b>TECHNICAL</b> 4	Lowered 7/25/08	LEGENDS																			
<b>BETA</b> .85	(1.00 = Market)	1.53 x Dividends p sh divided by Interest Rate Relative Price Strength Options: Yes Shaded area indicates recession																			
<b>2011-13 PROJECTIONS</b>																					
		Price	Gain	Ann'l Total																	
		50	(+35%)	12%																	
		35	(-5%)	4%																	
<b>Insider Decisions</b>																					
		S O N D J F M A M																			
to Buy		0	0	0	0	0	0	0	0	0	0	0	0	0							
Options		1	0	0	2	0	0	0	0	0	0	0	0	0							
to Sell		1	0	0	12	0	0	0	0	0	0	0	0	0							
<b>Institutional Decisions</b>																					
		302007	402007	102008																	
to Buy		170	199	171																	
to Sell		180	174	197																	
Hld's(000)		234682	237710	241684																	
				Percent shares traded	12	8	4														



# PORTLAND GENERAL NYSE-POR

RECENT PRICE **23.28**

P/E RATIO **12.9** (Trailing: 12.3 Median: NMF)

RELATIVE P/E RATIO **0.83**

DIV'D YLD **4.3%**

VALUE LINE **1792**

**TIMELINESS** —  
**SAFETY** 2 New 11/10/06  
**TECHNICAL** —  
BETA .80 (1.00 = Market)

**LEGENDS**  
..... Relative Price Strength  
Options: Yes  
Shaded area indicates recession

**2011-13 PROJECTIONS**

	Price	Gain	Ann'l Total Return
High	30	(+30%)	11%
Low	25	(+5%)	7%

**Insider Decisions**

	S	O	N	D	J	F	M	A	M
to Buy	0	0	0	0	0	0	0	0	0
Options	0	0	0	0	0	0	0	0	0
to Sell	0	0	0	0	0	0	0	0	0

**Institutional Decisions**

	3Q2007	4Q2007	1Q2008
to Buy	118	102	105
to Sell	75	94	82
Hld's(000)	63222	62512	62154

Percent shares traded 15  
10  
5

On April 3, 2006, Portland General Electric's existing stock (which was owned by Enron) was canceled, and 62.5 million shares were issued to Enron's creditors or the Disputed Claims Reserve (DCR). The stock began trading on a when-issued basis that day, and regular trading began on April 10, 2006. Shares issued to the DCR were released over time to Enron's creditors until all of the remaining shares were released in June, 2007.

**CAPITAL STRUCTURE as of 3/31/08**  
Total Debt \$1256.0 mill. Due in 5 Yrs \$286.0 mill.  
LT Debt \$1256.0 mill. LT Interest \$78.0 mill.  
(LT interest earned: 3.4x)  
Leases, Uncapitalized Annual rentals \$8.0 mill.

**Pension Assets-12/07** \$518.0 mill. **Oblig.** \$475.0 mill.  
**Pfd Stock** None

**Common Stock** 62,532,232 shs. as of 4/30/08

**MARKET CAP:** \$1.5 billion (Mid Cap)

**ELECTRIC OPERATING STATISTICS**

	2005	2006	2007
% Change Retail Sales (KWH)	+1.2	+3.6	+1.0
Avg. Indust. Use (MWH)	13199	15930	16148
Avg. Indust. Revs. per KWH (¢)	5.65	5.82	6.40
Capacity at Peak (MW)	NA	NA	NA
Peak Load, Winter (MW) F	3608	3706	3664
Annual Load Factor (%)	NA	NA	NA
% Change Customers (Y-end)	+1.7	+1.7	+1.4

**Fixed Charge Cov. (%)** 239 206 320

**ANNUAL RATES** Past 10 Yrs. Past 5 Yrs. Est'd '05-'07 to '11-'13

	10 Yrs.	5 Yrs.	Est'd '05-'07 to '11-'13
Revenues	---	---	2.5%
"Cash Flow"	---	---	2.0%
Earnings	---	---	7.0%
Dividends	---	---	NMF
Book Value	---	---	4.5%

**QUARTERLY REVENUES (\$ mill.)**

Calendar	Mar.31	Jun.30	Sep.30	Dec.31	Full Year
2005	371.0	333.0	355.0	387.0	1446.0
2006	381.0	351.0	372.0	416.0	1520.0
2007	436.0	402.0	435.0	470.0	1743.0
2008	471.0	429	450	450	1800
2009	500	450	475	475	1900

**EARNINGS PER SHARE A**

Calendar	Mar.31	Jun.30	Sep.30	Dec.31	Full Year
2005	.61	.26	.30	d.15	1.02
2006	d.10	.43	.16	.65	1.14
2007	.88	.73	.32	.40	2.33
2008	.44	.56	.30	.50	1.80
2009	.65	.55	.25	.55	2.00

**QUARTERLY DIVIDENDS PAID B**

Calendar	Mar.31	Jun.30	Sep.30	Dec.31	Full Year
2004	---	---	---	---	---
2005	---	---	---	---	---
2006	---	---	.225	.225	.45
2007	.225	.225	.235	.235	.92
2008	.235	.235	.245	---	---

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Revenues per sh	---	---	---	---	---	---	---	23.14	24.32	27.87	28.75	26.75	26.75	26.75	26.75	26.75
"Cash Flow" per sh	---	---	---	---	---	---	---	4.75	4.64	5.21	5.10	4.85	4.85	4.85	4.85	4.85
Earnings per sh A	---	---	---	---	---	---	---	1.02	1.14	2.33	1.80	2.00	2.00	2.00	2.00	2.00
Div'd Decl'd per sh B	---	---	---	---	---	---	---	---	.68	.93	.97	1.01	1.01	1.01	1.01	1.01
Cap'l Spending per sh	---	---	---	---	---	---	---	4.08	5.94	7.28	6.75	10.35	10.35	10.35	10.35	10.35
Book Value per sh C	---	---	---	---	---	---	---	19.15	19.58	21.05	21.90	23.05	23.05	23.05	23.05	23.05
Common Shs Outst'g D	---	---	---	---	---	---	---	62.50	62.50	62.53	62.60	71.00	71.00	71.00	71.00	71.00
Avg Ann'l P/E Ratio	---	---	---	---	---	---	---	---	23.4	11.9	12.5	12.5	12.5	12.5	12.5	12.5
Relative P/E Ratio	---	---	---	---	---	---	---	---	1.26	.63	1.00	1.00	1.00	1.00	1.00	1.00
Avg Ann'l Div'd Yield	---	---	---	---	---	---	---	---	2.5%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%
Revenues (\$mill)	---	---	---	---	---	---	---	1454.0	1446.0	1520.0	1743.0	1800	1800	1800	1800	1800
Net Profit (\$mill)	---	---	---	---	---	---	---	92.0	64.0	71.0	145.0	115	115	115	115	115
Income Tax Rate	---	---	---	---	---	---	---	37.0%	40.2%	33.6%	33.8%	38.0%	38.0%	38.0%	38.0%	38.0%
AFUDC % to Net Profit	---	---	---	---	---	---	---	9.8%	18.8%	33.8%	17.9%	18.0%	26.0%	26.0%	26.0%	26.0%
Long-Term Debt Ratio	---	---	---	---	---	---	---	41.1%	42.3%	43.4%	49.9%	53.5%	49.0%	49.0%	49.0%	49.0%
Common Equity Ratio	---	---	---	---	---	---	---	58.9%	57.7%	56.6%	50.1%	46.5%	51.0%	51.0%	51.0%	51.0%
Total Capital (\$mill)	---	---	---	---	---	---	---	2171.0	2076.0	2161.0	2629.0	2930	2930	2930	2930	2930
Net Plant (\$mill)	---	---	---	---	---	---	---	2275.0	2436.0	2718.0	3068.0	3285	3285	3285	3285	3285
Return on Total Cap'l	---	---	---	---	---	---	---	5.6%	4.6%	4.7%	6.9%	5.5%	5.5%	5.5%	5.5%	5.5%
Return on Shr. Equity	---	---	---	---	---	---	---	7.2%	5.3%	5.8%	11.0%	8.5%	8.0%	8.0%	8.0%	8.0%
Return on Com Equity E	---	---	---	---	---	---	---	7.2%	5.3%	5.8%	11.0%	8.5%	8.0%	8.0%	8.0%	8.5%
Retained to Com Eq	---	---	---	---	---	---	---	---	3.5%	6.6%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
All Div'ds to Net Prof	---	---	---	---	---	---	---	---	39%	40%	53%	53%	53%	53%	53%	54%

**BUSINESS:** Portland General Electric Company (PGE) provides electricity to 808,000 customers in 52 cities in a 4,000-square-mile area of Oregon, including Portland and Salem. The company is in the process of decommissioning the Trojan nuclear plant, which it closed in 1993. Electric revenue breakdown, '07: residential, 43%; commercial, 35%; industrial, 13%; other, 9%. Generating sources

include coal, gas, hydro, wind, and purchased; breakdown is not available. Fuel costs: 50% of revenues. '07 reported depreciation rate: 3.9%. Has 2,700 employees. Chairman: Corbin A. McNeill, Jr. Chief Executive Officer and President: Peggy Y. Fowler, Inc.: Oregon. Address: 121 SW Salmon Street, Portland, Oregon 97204. Tel.: 503-464-8000. Internet: www.portlandgeneral.com.

**Portland General Electric has a rate case pending.** PGE filed for a tariff increase of \$146 million (8.9%) based on a 10.75% return on a 50% common-equity ratio. The utility is in settlement talks with the staff of the Oregon Public Utility Commission (OPUC) and some intervenor groups. Even if the talks are fruitless, an order should come in time for new rates to take effect at the start of 2009, thereby producing an earnings increase. **Another regulatory request was approved.** The OPUC granted PGE a \$13 million rate increase to cover the cost of an advanced metering system. This is expected to cost \$130 million-\$135 million, but should reduce annual operating expenses by \$18 million starting in 2011, the first full year with the new meters. **Two large capital projects are upcoming.** PGE plans to spend over \$700 million to add 325 megawatts of capacity (in two phases, coming on line in 2009 and 2010) to the Biglow Canyon windfarm. The utility must also add pollution control equipment to the Boardman coal-fired plant. The estimated costs of the proposed methods for compliance range from as low as

\$300 million to as high as \$620 million. **The company plans to issue \$200 million of common equity in late 2008 or early 2009.** This will help finance its heavy capital budget and keep the common-equity ratio near the desired 50% level. Future equity needs will depend on the size of the Boardman project and the outcome of a request for proposals for up to 218 mw of renewable resources. **All issues related to the Trojan nuclear plant should be resolved with an OPUC order in September.** PGE collected a return on the decommissioned plant from April, 1995 through September, 2000. The OPUC will decide what rates would have been over that time if PGE had not collected a return on Trojan, and whether rates approved in a 2000 settlement were reasonable. A rate refund (not reflected in our estimates) is possible. **We think that this stock is fairly valued.** Its yield and 3- to 5-year total return potential are about average for a utility. PGE's trading history since re-emerging as a publicly traded equity is too short for us to compute a Timeliness rank. **Paul E. Debbas, CFA** August 8, 2008

(A) Diluted earnings '05 per-share data are pro forma, based on shares outstanding when stock began trading in '06. '06 EPS don't add to full-year total due to rounding. Next earnings report due early Nov. (B) Dividends paid mid-Jan., Apr., July, and Oct. (C) Incl. deferred charges. In '07: \$304.0 mill., \$4.86/sh. (D) In millions. (E) Rate base: Net original cost. Rate allowed on common equity in '07: 10.1%; earned on average common equity, '07: 11.4%. Regulatory Climate: Average. (F) Summer peak in '06.

Company's Financial Strength B++  
Stock's Price Stability 90  
Price Growth Persistence NMF  
Earnings Predictability NMF

To subscribe call 1-800-833-0046.

# SEMPRA ENERGY NYSE:SRE

RECENT PRICE **54.65** P/E RATIO **14.6** (Trailing: 12.7 Median: 11.0) RELATIVE P/E RATIO **0.94** DIV'D YLD **2.7%** VALUE LINE **1794**

**TIMELINESS** 3 Raised 5/23/08  
**SAFETY** 2 Lowered 2/4/00  
**TECHNICAL** 3 Raised 8/8/08  
**BETA** .95 (1.00 = Market)

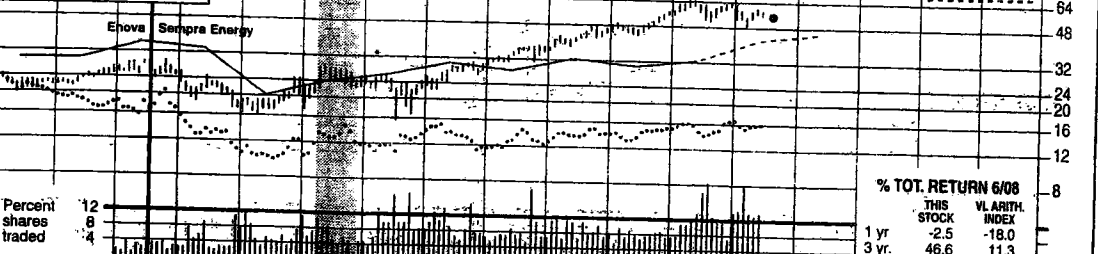
High: 27.1 29.3 26.0 24.9 28.6 26.3 30.9 37.9 47.9 57.3 66.4 63.0  
Low: 21.4 23.8 17.1 16.2 17.3 15.5 22.3 29.5 35.5 42.9 50.9 48.6

**LEGENDS**  
1.21 x Dividends p sh  
divided by Interest Rate  
Relative Price Strength  
..... Yes  
Shaded area indicates recession

**2011-13 PROJECTIONS**  
Price 90 (+65%)  
Low 70 (+30%)  
Ann'l Total Return 15%  
9%

**Insider Decisions**  
S O N D J F M A M  
to Buy 0 0 0 0 0 0 0 0 0  
to Sell 2 0 1 0 0 0 0 1 1  
to Buy 2 0 1 0 0 0 0 2 1

**Institutional Decisions**  
302007 402007 102008  
to Buy 180 231 228  
to Sell 192 157 194  
Hds(100) 172828 176105 174741



Sempra Energy was formed through the merger of Enova Corp. and Pacific Enterprises on June 26, 1998. Enova stockholders received one Sempra share for each Enova share, and Pacific Enterprises stockholders received 1.5038 Sempra shares for every Pacific Enterprises share.

**CAPITAL STRUCTURE as of 3/31/08**  
Total Debt \$6242.0 mill. Due in 5 Yrs \$3117.0 mill.  
LT Debt \$4589.0 mill. LT Interest \$252.0 mill.  
(LT interest earned: 7.3x)

**Leases, Uncapitalized Annual rentals \$120.0 mill.**  
**Pension Assets-12/07 \$2.53 bill. Oblig. \$2.79 bill.**

**Pfd Stock \$179.0 mill. Pfd Div'd \$9.0 mill.**  
1,373,770 shs. 4.40%-5% cumulative, \$20 par, callable \$20.25-\$24; 2,040,000 shs. \$1.70-\$1.82 cum., no par, callable \$25.595-\$26; 800,000 shs. \$4.36-\$4.75 cum., no par, callable \$100-\$101.50; 811,073 shs. 6% cum., \$25 par.

**Common Stock 250,341,668 shs.**  
**as of 4/30/08**  
**MARKET CAP: \$14 billion (Large Cap)**

**ELECTRIC OPERATING STATISTICS**  
2005 2006 2007  
% Change Retail Sales (KWH) -2 +5.3 +2  
Avg. Indust. Use (MWH) 4608 4586 4474  
Avg. Indust. Rev. per KWH (¢) 6.58 8.0 10.06  
Capacity at Peak (MW) NMF NMF NMF  
Peak Load, Summer (MW) NMF NMF NMF  
Annual Load Factor (%) NMF NMF NMF  
% Change Customers (yr-end) +1.5 +1.3 +7

**Fixed Charge Cov. (%)** 274 409 419  
**ANNUAL RATES** Past 10 Yrs. Past 5 Yrs. Est'd '05-'07  
of change (per sh) -10 Yrs. 5 Yrs. to '11-'13  
Revenues 10.0% 5.0% 3.5%  
Cash Flow 3.0% 4.0% 8.0%  
Earnings 7.0% 10.0% 6.0%  
Dividends -2.5% 3.5% 9.0%  
Book Value 7.5% 16.5% 8.0%

Cal-endar	QUARTERLY REVENUES (\$ mill.)				Full Year
	Mar.31	Jun.30	Sep.30	Dec.31	
2005	2697	2276	2770	3994	11737
2006	3336	2486	2694	3245	11761
2007	3004	2661	2663	3110	11438
2008	3270	2180	2300	2600	10350
2009	2800	2300	2500	2800	10400

Cal-endar	EARNINGS PER SHARE ^				Full Year
	Mar.31	Jun.30	Sep.30	Dec.31	
2005	.92	.49	.71	1.39	3.52
2006	.90	.71	1.29	1.33	4.23
2007	.86	1.06	1.24	1.10	4.26
2008	.92	.78	1.05	1.00	3.75
2009	1.15	.90	1.20	1.15	4.40

Cal-endar	QUARTERLY DIVIDENDS PAID ^				Full Year
	Mar.31	Jun.30	Sep.30	Dec.31	
2004	.25	.25	.25	.25	1.00
2005	.25	.29	.29	.29	1.12
2006	.29	.30	.30	.30	1.19
2007	.30	.31	.31	.31	1.23
2008	.31	.32	.35		

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Revenues per sh	23.31	22.89	35.38	39.27	29.38	34.81	40.18	45.64	44.89	43.79	42.25	45.00	45.00	45.00	45.00	45.00
"Cash Flow" per sh	5.16	5.36	4.91	5.39	5.71	5.56	6.58	5.96	6.74	6.93	6.85	8.15	8.15	8.15	8.15	8.15
Earnings per sh ^	1.24	1.66	2.06	2.55	2.79	3.01	3.93	3.52	4.23	4.26	3.75	4.40	4.40	4.40	4.40	4.40
Div'd Decl'd per sh ^	1.56	1.56	1.00	1.00	1.00	1.00	1.00	1.16	1.20	1.24	1.37	1.60	1.60	1.60	1.60	1.60
Cap'l Spending per sh	1.85	2.48	3.76	5.22	5.92	4.63	4.62	5.46	7.28	7.70	8.55	11.15	11.15	11.15	11.15	11.15
Book Value per sh ^	12.29	12.58	12.35	13.17	13.79	17.17	20.78	23.95	28.66	31.87	32.80	33.70	33.70	33.70	33.70	33.70
Common Shs Outst'd ^	237.00	237.40	201.90	204.48	204.91	226.60	234.18	257.19	262.01	261.21	245.00	231.00	231.00	231.00	231.00	231.00
Avg Ann'l P/E Ratio	21.1	12.8	9.4	9.7	8.2	9.0	8.6	11.8	11.5	14.0	14.0	14.0	14.0	14.0	14.0	14.0
Relative P/E Ratio	1.10	.73	.61	.50	.45	.51	.45	.63	.62	.73	.73	.73	.73	.73	.73	.73
Avg Ann'l Div'd Yield	6.0%	7.4%	5.2%	4.1%	4.4%	3.7%	2.9%	2.8%	2.5%	2.1%	2.1%	2.1%	2.1%	2.1%	2.1%	2.1%
Revenues (\$mill)	5525.0	5435.0	7143.0	8029.0	6020.0	7887.0	9410.0	11737	11761	11438	10350	10400	10400	10400	10400	10400
Net Profit (\$mill)	306.0	405.0	440.0	534.0	566.0	655.0	930.0	898.0	1118.0	1135.0	955	1090	1090	1090	1090	1090
Income Tax Rate	31.1%	30.7%	38.0%	28.8%	19.9%	23.2%	17.2%	17.2%	31.3%	33.6%	37.0%	37.5%	37.5%	37.5%	37.5%	37.5%
AFUDC % to Net Profit	3.6%	2.2%	3.6%	5.2%	10.8%	8.4%	2.9%	5.3%	7.2%	11.5%	13.0%	9.0%	9.0%	9.0%	9.0%	9.0%
Long-Term Debt Ratio	47.3%	47.6%	56.2%	55.7%	58.6%	48.4%	45.3%	43.1%	37.0%	34.8%	37.5%	41.0%	41.0%	41.0%	41.0%	41.0%
Common Equity Ratio	48.3%	49.0%	40.4%	41.2%	38.6%	49.0%	52.6%	55.1%	61.4%	63.7%	61.0%	57.5%	57.5%	57.5%	57.5%	57.5%
Total Capital (\$mill)	5912.0	6092.0	6166.0	6532.0	7312.0	7931.0	9255.0	11178	12229	13071	13100	13425	13425	13425	13425	13425
Net Plant (\$mill)	5441.0	5394.0	5726.0	6217.0	6832.0	10474	11086	12101	13175	14884	16250	18025	18025	18025	18025	18025
Return on Total Cap'l	6.8%	8.3%	9.0%	10.2%	9.8%	11.3%	9.2%	10.3%	9.6%	8.5%	9.0%	9.0%	9.0%	9.0%	9.0%	9.0%
Return on Shr. Equity	9.8%	12.7%	16.3%	18.4%	19.3%	16.0%	18.4%	14.1%	14.5%	13.3%	11.5%	13.5%	13.5%	13.5%	13.5%	13.5%
Return on Com Equity ^	10.1%	13.2%	17.2%	19.4%	20.4%	16.6%	18.9%	14.4%	14.8%	13.5%	12.0%	14.0%	14.0%	14.0%	14.0%	14.0%
Retained to Com Eq	NMF	.9%	7.4%	11.9%	13.1%	11.3%	14.9%	10.1%	11.0%	9.7%	7.5%	9.0%	9.0%	9.0%	9.0%	9.0%
All Div'ds to Net Prof	110%	94%	58%	40%	37%	33%	22%	31%	26%	29%	37%	36%	36%	36%	36%	36%

**BUSINESS:** Sempra Energy is a holding company for San Diego Gas & Electric Co., which sells electricity and gas mainly in San Diego County, & Southern California Gas Co., which distributes gas to most of Southern California. Customers: 1.4 million electric, 6.5 million gas. Has various nonutility subsidiaries (54% of '07 earnings). Electric revenue breakdown, '07: residential, 45%; commercial, 39%; industrial, 10%; other, 6%. Purchases most of its power; the rest is nuclear and gas. Power costs: 42% of revenues. '07 deprec. rate: 3.3%. Has 14,300 employees. Chairman & CEO: Donald E. Felsing. President & COO: Neal E. Schmale, Jr. California. Address: 101 Ash St., San Diego, California 92101-3017. Tel.: 619-696-2034. Internet: www.sempra.com.

**Sempra Energy's annual income from its commodities business should become more predictable thanks to its joint venture with Royal Bank of Scotland (RBS).** The joint venture agreement will split the profits in a manner that will give Sempra the majority, up to a specified level. Thus, earnings in the inherently unpredictable energy-marketing business should vacillate less from year to year. On the other hand, the company has sacrificed some of the upside potential of this business. Because profits from this operation will most likely be well below the \$499 million posted in 2007, Sempra's earnings are likely to decline in 2008. Our estimate is at the midpoint of the company's guidance of \$3.65-\$3.85 a share.

**Earnings should improve in 2009.** Utility income ought to advance thanks to rate increases that Southern California Gas and San Diego Gas & Electric were awaiting as this report went to press. On the nonutility side, a few major projects have gone into service this year or will do so in the coming months, and these will benefit corporate profits in 2009. These include a 25% stake in a major gas pipeline project

(in which Sempra's share will cost more than \$1 billion) and two liquefied natural gas terminals. Finally, the reduction in shares outstanding will help boost share earnings.

**Sempra has agreed to acquire EnergySouth for \$510 million in cash.** EnergySouth has 93,000 gas customers in Alabama, but its two large gas storage facilities provided the big attraction for Sempra. The deal requires the approval of EnergySouth's shareholders and various regulatory bodies and should be completed by the end of 2008. Sempra expects the deal to be "slightly accretive" to earnings in 2009 and to contribute as much as \$0.30 a share in 2012. Our estimates and projections will not include EnergySouth until after the transaction has been completed. **Sempra stock offers decent risk-adjusted total return potential for the 3- to 5-year period.** Over that time, the company has a lot of investment opportunities that should enable it to benefit from the rising nationwide demand for natural gas. This should produce strong earnings and dividend growth over that time.

Paul E. Debbas, CFA August 8, 2008

(A) Diluted eqs. Excl. nonrec. gain (loss): '05, 17¢; '06, (6¢); gain (losses) from disc. ops.: '04, (10¢); '05, (4¢); '06, \$1.21; '07, (10¢). '05 EPS don't add due to rounding. Next eqs. re-  
© 2008, Value Line Publishing, Inc. All rights reserved. Factual material is obtained from sources believed to be reliable and is provided without warranties of any kind. THE PUBLISHER IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS HEREIN. This publication is strictly for subscriber's own, non-commercial, internal use. No part of it may be reproduced, resold, stored or transmitted in any printed, electronic or other form, or used for generating or marketing any printed or electronic publication, service or product.  
port due early-Nov. (B) Div'ds historically paid mid-Jan., Apr., July, & Oct. = Div'd reinvest. plan avail. † Shareholder invest. plan avail. (C) Incl. intang. in '07: \$3.56/sh. (D) In mill. Excl. ESOP shs. (E) Rate base: Net orig. cost. Rate all'd on com. eq.: SDG&E in '08, 11.1%; SoCalGas in '03, 10.82%; earned on avg. com. eq., '07: 14.2%. Regulatory Climate: Average.

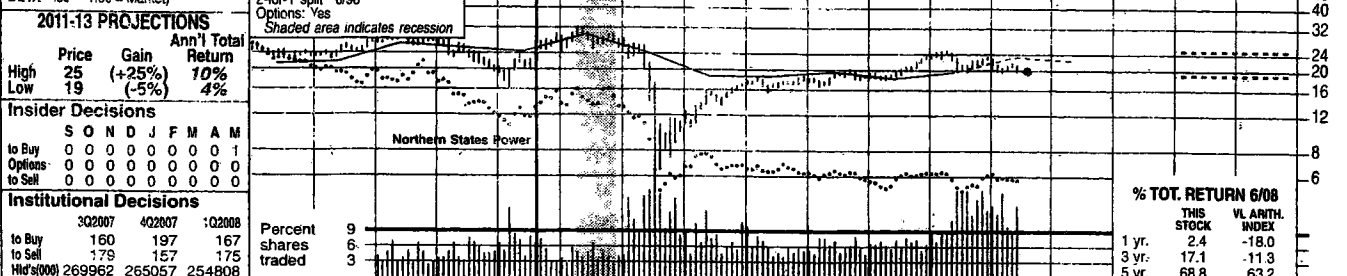
Company's Financial Strength	A
Stock's Price Stability	95
Price Growth Persistence	90
Earnings Predictability	90

To subscribe call 1-800-833-0046.

# XCEL ENERGY NYSE-XEL

**RECENT PRICE** 19.89 **P/E RATIO** 13.3 (Trailing: 13.3 Median: 15.0) **RELATIVE P/E RATIO** 0.86 **DIV'D YLD** 4.8% **VALUE LINE** 1797

**TIMELINESS** 3 Lowered 3/16/07 **SAFETY** 2 Raised 5/14/04 **TECHNICAL** 3 Raised 8/8/08 **BETA** .80 (1.00 = Market)



Xcel Energy was formed through the merger of Northern States Power and New Century Energy on August 21, 2000. NSP stockholders received one share of Xcel for every NSP share, and NCE stockholders received 1.55 shares of Xcel for each NCE share. Data prior to 2000 reflect NSP on a stand-alone basis and are not comparable with Xcel data.

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	© VALUE LINE PUB., INC.	11-13
Total Debt \$8259.3 mill. Due in 5 Yrs \$3336.5 mill.	18.46	18.42	34.11	43.56	23.89	19.90	20.84	23.86	24.16	23.40	25.60	26.60	Revenues per sh	31.00
LT Debt \$7139.8 mill. LT Interest \$464.1 mill.	4.30	4.13	4.12	5.09	3.14	3.35	3.27	3.28	3.61	3.45	3.75	3.90	"Cash Flow" per sh	4.75
Incl. 8,000,000 shares 7.875% tax-deductible Trust	1.84	1.43	1.60	2.27	42	1.23	1.27	1.20	1.35	1.35	1.50	1.55	Earnings per sh	2.00
Originated Preferred Securities, liquidation value	1.43	1.45	1.43	.50	1.13	.75	.81	.85	.88	.91	.94	.97	Div'd Decl'd per sh	1.06
\$25/share; 7,760,000 shares 7.60%, cumulative,	2.99	13.87	3.63	7.40	6.04	2.49	3.19	3.25	4.00	4.89	4.90	3.70	Cap'l Spending per sh	4.75
\$25 par; \$100 mill. 7.85% tax-deductible Trust	16.25	16.42	16.37	17.95	11.70	12.95	12.99	13.37	14.28	14.70	15.25	15.90	Book Value per sh	18.50
Preferred Securities.	152.70	155.73	339.79	345.02	398.71	398.96	400.46	403.39	407.30	428.78	430.00	432.00	Common Shs Outst'g	438.00
(LT interest earned: 2.5x)	15.2	16.6	14.3	12.4	40.8	11.6	13.6	15.4	14.8	16.7	16.7	16.7	Avg Ann'l P/E Ratio	11.5
Leases, Uncapitalized Annual rentals \$104.6 mill.	.79	.95	.93	.54	2.23	.66	.72	.82	.80	.88	.88	.88	Relative P/E Ratio	.75
Pension Assets-12/07 \$3.19 bill. Oblig. \$2.66 bill.	5.1%	6.1%	6.4%	5.3%	6.6%	5.2%	4.7%	4.6%	4.4%	4.0%	4.0%	4.0%	Avg Ann'l Div'd Yield	4.8%
Pfd Stock \$105.0 mill. Pfd Div'd \$4.2 mill.	2819.2	2869.0	11592	15028	9524.4	7937.5	8345.3	9625.6	9840.3	10034	11000	11500	Revenues (\$mill)	13600
1,049,800 shares \$3.60 to \$4.56, cumulative, \$100	298.1	240.1	545.8	764.7	177.6	510.0	526.9	499.0	568.7	575.9	680	680	Net Profit (\$mill)	890
par, callable \$102.00 to \$103.75.	26.0%	21.6%	35.8%	28.2%	32.7%	23.7%	23.2%	25.8%	24.2%	33.8%	33.5%	33.5%	Income Tax Rate	33.5%
Common Stock 430 857,162 shs. as of 4/25/08	5.3%	2.5%	4.4%	7.1%	46.7%	8.9%	10.9%	8.5%	9.8%	12.5%	16.0%	11.0%	AFUDC % to Net Profit	12.0%
MARKET CAP: \$8.6 billion (Large Cap)	39.9%	54.7%	58.8%	66.7%	59.6%	55.3%	55.0%	51.7%	52.1%	49.7%	52.5%	52.0%	Long-Term Debt Ratio	51.0%
	53.5%	40.5%	40.5%	32.8%	39.5%	43.8%	44.1%	47.3%	47.0%	49.4%	46.5%	47.5%	Common Equity Ratio	48.0%
	4637.7	6316.2	13745	18911	11815	11790	11801	11398	12371	12748	14700	14525	Total Capital (\$mill)	16700
	4395.2	4451.5	15273	21163	18816	13667	14096	14696	15549	16676	17825	18425	Net Plant (\$mill)	20900
	8.1%	5.4%	6.0%	6.0%	5.4%	6.1%	6.2%	6.2%	6.2%	6.3%	6.5%	6.5%	Return on Total Cap'l	7.0%
	10.7%	8.4%	9.6%	12.5%	3.7%	9.7%	9.9%	9.1%	9.6%	9.0%	10.0%	10.0%	Return on Shr. Equity	11.0%
	11.2%	8.6%	9.7%	12.6%	3.7%	9.8%	10.0%	9.2%	9.7%	9.1%	10.0%	10.0%	Return on Com Equity	11.0%
	2.5%	NMF	.9%	4.3%	NMF	3.9%	3.9%	2.9%	3.6%	3.1%	4.0%	4.0%	Retained to Com Eq	5.0%
	79%	100%	91%	66%	NMF	60%	62%	69%	63%	66%	62%	62%	All Div'ds to Net Prof	53%

**ELECTRIC OPERATING STATISTICS**

	2005	2006	2007
% Change Retail Sales (KWH)	+3.6%	+1.8%	+2.0%
Avg. C & I Use (MWH)	150	153	153
Avg. C & I Revs. per KWH (¢)	6.22	6.56	6.57
Capacity at Peak (MW)	NA	NA	NA
Peak Load, Summer (MW)	20854	21255	21108
Annual Load Factor (%)	NA	NA	NA
% Change Customers (yr-end)	-4	+1.2	+9

**Fixed Charge Cov. (%)** 232 238 256

**ANNUAL RATES**

	Past 10 Yrs.	Past 5 Yrs.	Est'd '05-'07
of change (per sh)	10 Yrs.	5 Yrs.	to '11-'13
Revenues	2.5%	-7.0%	4.5%
"Cash Flow"	-2.0%	-3.5%	5.5%
Earnings	-3.5%	-2.0%	7.5%
Dividends	-4.5%	-8.5%	3.0%
Book Value	-1.0%	-1.5%	4.5%

**QUARTERLY REVENUES (\$mill.)**

Cal-ender	Mar.31	Jun.30	Sep.30	Dec.31	Full Year
2005	2381	2074	2289	2882	9625.5
2006	2888	2074	2411	2467	9840.3
2007	2764	2267	2400	2603	10034
2008	3028	2616	2700	2656	11000
2009	3000	2750	2900	2850	11500

**EARNINGS PER SHARE**

Cal-ender	Mar.31	Jun.30	Sep.30	Dec.31	Full Year
2005	.31	.18	.47	.24	1.20
2006	.36	.24	.53	.23	1.35
2007	.28	.16	.59	.31	1.35
2008	.35	.24	.60	.31	1.50
2009	.33	.28	.62	.32	1.55

**QUARTERLY DIVIDENDS PAID**

Cal-ender	Mar.31	Jun.30	Sep.30	Dec.31	Full Year
2004	.188	.188	.208	.208	.79
2005	.208	.208	.215	.215	.85
2006	.215	.215	.223	.223	.88
2007	.223	.223	.23	.23	.91
2008	.23	.23	.238		

**One of Xcel Energy's subsidiaries has filed a rate case.** Southwestern Public Service (SPS) is asking the Texas commission for a tariff hike of \$94.4 million (9.1%) based on a return of 11.25% on a common-equity ratio of 51.0%. SPS is also asking for an interim rate increase of \$18 million. A final order is expected in early 2009.

**Other rate cases are pending or under consideration.** In addition to the aforementioned general rate case, SPS is seeking a wholesale tariff hike of \$14.9 million (5.1%) based on a 12.2% return on equity and a \$16.6 million (6.3%) increase in New Mexico based on an 10.7% return on a common-equity ratio of 51.2%. The commission's staff is proposing an \$8 million boost based on a 9.1% ROE, and a hearing examiner is recommending \$12.6 million based on a 10.14% ROE. A ruling is expected this summer. P.S. of Colorado, which requested a wholesale increase of \$8.8 million based on an 11.5% ROE, settled for a raise of \$6.5 million. Northern States Power (NSP) wants a \$17.9 million (12.2%) increase in North Dakota, based on an 10.75% return on a 51.77% common-equity ratio, but the commission's staff is

recommending a \$4.9 million increase. A decision is expected this fall. Finally, P.S. of Colorado and NSP (in Minnesota) are evaluating the need for rate filings.

**Rate relief should continue driving earnings growth.** Besides the base rate increases that Xcel's utilities are receiving every year, the company also has rate riders that allow it to recover certain capital investments without a full-blown rate case. These will amount to an estimated \$166 million this year and \$195 million in 2009. We think that Xcel's 2008 share-earnings goal of \$1.45-\$1.55 is reasonable, and we look for a modest bottom-line increase next year.

**The board of directors increased the annual dividend by \$0.03 a share (3.3%).** This is in line with Xcel's target of dividend growth of 2%-4% annually. **This stock offers an attractive yield and decent dividend-growth potential.** Although the heavy rate case schedule raises regulatory risk, Xcel has managed the regulatory process ably, so far. Prospective total returns over the 3- to 5-year period are unspectacular, however.

Paul E. Debbas, CFA August 8, 2008

(A) Diluted EPS. Excl. nonrec. loss: '02, \$6.27; gains (losses) on discount ops.: '03, 27¢; '04, (30¢); '05, 3¢; '06, 1¢. '06 & '07 EPS don't add due to rounding. Next earnings report due late Oct. (B) Div'ds historically paid in mid-Jan., Apr., July, and Oct. a Div'd reinvest plan avail. (C) Incl. intang. in '07: \$3.93/sh. (D) In mill. adj. for split. (E) Rate base. Varies. Rate all'd on com. eq.: MN '93, 11.47%, WI '08, 10.75%, CO '03 (elec.), 10.75%; CO '07 (gas) 10.25%, TX 86, 15.05%; earned on avg. com. eq., '07: 9.5%. Regulatory Climate: Average.

© 2008, Value Line Publishing, Inc. All rights reserved. Factual material is obtained from sources believed to be reliable and is provided without warranties of any kind. THE PUBLISHER IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS HEREIN. This publication is strictly for subscriber's own, non-commercial, internal use. No part of it may be reproduced, stored or transmitted in any printed, electronic or other form, or used for any other purpose.

**Company's Financial Strength** B++  
**Stock's Price Stability** 100  
**Price Growth Persistence** 5  
**Earnings Predictability** 45

To subscribe call 1-800-833-0046.



**FORM 10-K**

(Mark One)

**ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the Fiscal Year Ended Dec. 31, 2007

Or

**TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

Commission File Number 1-3034

**Xcel Energy Inc.**

(Exact name of registrant as specified in its charter)

Minnesota  
(State or Other Jurisdiction of  
Incorporation or Organization)

41-0448030

(I.R.S. Employer Identification No.)

414 Nicollet Mall,  
Minneapolis, Minnesota  
(Address of Principal Executive Offices)55401  
(Zip Code)

Registrant's Telephone Number, including Area Code (612) 330-5500

Securities registered pursuant to Section 12(b) of the Act:

Registrant	Title of Each Class	Name of Each Exchange on which Registered
Xcel Energy Inc.	Common Stock, \$2.50 par value per share	New York
Xcel Energy Inc.	Rights to Purchase Common Stock, \$2.50 par value per share	New York
	Cumulative Preferred Stock, \$100 par value:	
Xcel Energy Inc.	Preferred Stock \$3.60 Cumulative	New York
Xcel Energy Inc.	Preferred Stock \$4.08 Cumulative	New York
Xcel Energy Inc.	Preferred Stock \$4.10 Cumulative	New York
Xcel Energy Inc.	Preferred Stock \$4.11 Cumulative	New York
Xcel Energy Inc.	Preferred Stock \$4.16 Cumulative	New York
Xcel Energy Inc.	Preferred Stock \$4.56 Cumulative	New York
Xcel Energy Inc.	7.60 Junior Subordinated Notes, Series due 2068	New York

Securities registered pursuant to Section 12(g) of Act: None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined by Rule 405 of the Securities Act. Yes ☒ No ☐Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Exchange Act. Yes ☐ No ☒Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes ☒ No ☐Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrants' knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K. ☐Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Act. (Check one): ☒ Large accelerated filer ☐ Accelerated filer ☐ Non-accelerated filer ☐ Smaller Reporting CompanyIndicate by check mark whether the registrant is a shell company (as defined 357 e 12b-2 of the Act) Yes ☐ No ☒

QuickLinks -- Click here to rapidly navigate through this document

# Table of Contents

10-K - FORM 10-K

## PART I

Item 1A Risk Factors 35

## PART I

Item 1 Business  
Item 1A Risk Factors  
Item 1B Unresolved SEC Staff Comments  
Item 2 Properties  
Item 3 Legal Proceedings  
Item 4 Submission of Matters to a Vote of Security Holders

## PART II

Item 5 Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities  
Item 6 Selected Financial Data  
Item 7 Management's Discussion and Analysis of Financial Condition and Results of Operations  
Item 7A Quantitative and Qualitative Disclosures About Market Risk  
Item 8 Financial Statements and Supplementary Data  
Item 9 Changes in and Disagreements With Accountants on Accounting and Financial Disclosure  
Item 9A Controls and Procedures  
Item 9B Other Information

## PART III

Item 10 Directors, Executive Officers, and Corporate Governance  
Item 11 Executive Compensation  
Item 12 Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters  
Item 13 Certain Relationships, Related Transactions, and Director Independence  
Item 14 Principal Accounting Fees and Services

## Part IV

Item 15 Exhibits, Financial Statement Schedules  
SIGNATURES

EX-10.25 (EXHIBIT 10.25)

EX-10.31 (EXHIBIT 10.31)

EX-12.01 (EXHIBIT 12.01)

EX-21.01 (EXHIBIT 21.01)

EX-23.01 (EXHIBIT 23.01)

EX-24.01 (EXHIBIT 24.01)

EX-31.01 (EXHIBIT 31.01)

EX-31.02 (EXHIBIT 31.02)

EX-32.01 (EXHIBIT 32.01)



# Form 10-K

XCEL ENERGY INC - XEL

Filed: February 20, 2008 (period: December 31, 2007)

Annual report which provides a comprehensive overview of the company for the past year

As of June 30, 2007, the aggregate market value of the voting common stock held by non-affiliates of the Registrant was \$8,587,360,038 and there were 419,509,528 shares of common stock outstanding. Yes ☐ No ☒

As of Feb. 14, 2008, there were 429,147,979 shares of common stock outstanding, \$2.50 par value.

**DOCUMENTS INCORPORATED BY REFERENCE**

The Registrant's Definitive Proxy Statement for its 2008 Annual Meeting of Shareholders is incorporated by reference into Part III of this Form 10-K.

---

---

---



## TABLE OF CONTENTS

### Index

<b>PART I</b>	Item 1 —	Business	3
		DEFINITION OF ABBREVIATIONS AND INDUSTRY TERMS	3
		COMPANY OVERVIEW	7
		ELECTRIC UTILITY OPERATIONS	10
		Electric Utility Trends	10
		NSP-Minnesota	12
		NSP-Wisconsin	19
		PSCo	20
		SPS	24
		Electric Operating Statistics	
		NATURAL GAS UTILITY OPERATIONS	28
		Natural Gas Utility Trends	28
		NSP-Minnesota	28
		NSP-Wisconsin	29
		PSCo	30
		Natural Gas Operating Statistics	
		ENVIRONMENTAL MATTERS	32
		CAPITAL SPENDING AND FINANCING	33
		EMPLOYEES	33
		EXECUTIVE OFFICERS	33
	Item 1A —	Risk Factors	35
	Item 1B —	Unresolved SEC Staff Comments	40
	Item 2 —	Properties	41
	Item 3 —	Legal Proceedings	43
	Item 4 —	Submission of Matters to a Vote of Security Holders	43
<b>PART II</b>	Item 5 —	Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities	44
	Item 6 —	Selected Financial Data	45
	Item 7 —	Management's Discussion and Analysis of Financial Condition and Results of Operations	46
	Item 7A —	Quantitative and Qualitative Disclosures about Market Risk	73
	Item 8 —	Financial Statements and Supplementary Data	74
	Item 9 —	Changes in and Disagreements with Accountants on Accounting and Financial Disclosure	145
	Item 9A —	Controls and Procedures	145
	Item 9B —	Other Information	145
<b>PART III</b>	Item 10 —	Directors, Executive Officers, and Corporate Governance	145
	Item 11 —	Executive Compensation	145
	Item 12 —	Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters	145
	Item 13 —	Certain Relationships, Related Transactions, and Director Independence	146
	Item 14 —	Principal Accounting Fees and Services	146
<b>PART IV</b>	Item 15 —	Exhibits, Financial Statement Schedules	147
<b>SIGNATURES</b>			158

## PART I

### Item 1 — Business

#### DEFINITION OF ABBREVIATIONS AND INDUSTRY TERMS

##### *Xcel Energy Subsidiaries and Affiliates (current and former)*

Cheyenne	Cheyenne Light, Fuel and Power Company, a Wyoming corporation
Eloigne	Eloigne Co., invests in rental housing projects that qualify for low-income housing tax credits
NCE	New Century Energies, Inc.
NRG	NRG Energy, Inc., a Delaware corporation and independent power producer
NMC	Nuclear Management Company, a wholly owned subsidiary of NSP Nuclear Corporation
NSP-Minnesota	Northern States Power Company, a Minnesota corporation
NSP-Wisconsin	Northern States Power Company, a Wisconsin corporation
PSCo	Public Service Company of Colorado, a Colorado corporation
PSRI	PSR Investments, Inc., a manager of corporate-owned life insurance policies
SPS	Southwestern Public Service Co., a New Mexico corporation
UE	Utility Engineering Corporation, an engineering, construction and design company
utility subsidiaries	NSP-Minnesota, NSP-Wisconsin, PSCo, SPS
WGI	WestGas Interstate, Inc., a Colorado corporation operating an interstate natural gas pipeline
WYCO	WYCO Development LLC
Xcel Energy	Xcel Energy Inc., a Minnesota corporation

##### *Federal and State Regulatory Agencies*

CPUC	Colorado Public Utilities Commission. The state agency that regulates the retail rates, services and other aspects of PSCo's operations in Colorado. The CPUC also has jurisdiction over the capital structure and issuance of securities by PSCo.
DOE	United States Department of Energy
EPA	United States Environmental Protection Agency
FERC	Federal Energy Regulatory Commission. The U.S. agency that regulates the rates and services for transportation of electricity and natural gas; the sale of wholesale electricity, in interstate commerce, including the sale of electricity at market-based rates; hydroelectric generation licensing; and accounting requirements for utility holding companies, service companies, and public utilities.
IRS	Internal Revenue Service
MPSC	Michigan Public Service Commission. The state agency that regulates the retail rates, services and other aspects of NSP-Wisconsin's operations in Michigan.
MPUC	Minnesota Public Utilities Commission. The state agency that regulates the retail rates, services and other aspects of NSP-Minnesota's operations in Minnesota. The MPUC also has jurisdiction over the capital structure and issuance of securities by NSP-Minnesota.
NERC	North American Electric Reliability Council
NMPRC	New Mexico Public Regulation Commission. The state agency that regulates the retail rates and services and other aspects of SPS' operations in New Mexico. The NMPRC also has jurisdiction over the issuance of securities by SPS.
NDPSC	North Dakota Public Service Commission. The state agency that regulates the retail rates, services and other aspects of NSP-Minnesota's operations in North Dakota.
NRC	Nuclear Regulatory Commission. The federal agency that regulates the operation of nuclear power plants.
OCC	Colorado Office of Consumer Counsel.
PSCW	Public Service Commission of Wisconsin. The state agency that regulates the retail rates, services, securities issuances and other aspects of NSP-Wisconsin's operations in Wisconsin.
PUCT	Public Utility Commission of Texas. The state agency that regulates the retail rates, services and other aspects of SPS' operations in Texas.
SDPUC	South Dakota Public Utilities Commission. The state agency that regulates the retail rates, services and other aspects of NSP-Minnesota's operations in South Dakota.
WDNR	Wisconsin Department of Natural Resources
SEC	Securities and Exchange Commission

***Electric, Purchased Gas and Resource  
Adjustment Clauses***

AQIR	Air-quality improvement rider. Recovers, over a 15-year period, the incremental cost (including fuel and purchased energy) incurred by PSCo as a result of a voluntary plan to reduce emissions and improve air quality in the Denver metro area.
DSM	Demand-side management. Energy conservation, weatherization and other programs to conserve or manage energy use by customers.
DSMCA	Demand-side management cost adjustment. A clause permitting PSCo to recover demand-side management costs over five years while non-labor incremental expenses and carrying costs associated with deferred DSM costs are recovered on an annual basis. Costs for the low-income energy assistance program are recovered through the DSMCA.
ECA	Retail electric commodity adjustment. The ECA, effective Jan. 1, 2007, is an incentive adjustment mechanism that compares actual fuel and purchased energy expense in a calendar year to a benchmark formula. It encourages cost reductions through purchases of economical short-term energy. The ECA also provides for an \$11.25 million cap on any cost sharing over or under an allowed ECA formula rate. The ECA mechanism will be revised quarterly and interest will accrue monthly on the average deferred balance. The ECA will expire at the earlier of rates taking effect after Comanche 3 is placed in service or Dec. 31, 2010.
FCA	Fuel clause adjustment. A clause included in electric rate schedules that provides for monthly rate adjustments to reflect the actual cost of electric fuel and purchased energy compared to a prior forecast. The difference between the electric costs collected through the FCA rates and the actual costs incurred in a month are collected or refunded in a subsequent period.
GCA	Gas cost adjustment. Allows PSCo to recover its actual costs of purchased natural gas and natural gas transportation. The GCA is revised monthly to coincide with changes in purchased gas costs.
PCCA	Purchased capacity cost adjustment. Allows PSCo to recover from customers purchased capacity payments to power suppliers under specifically identified power purchase agreements not included in the determination of PSCo's base electric rates or other recovery mechanisms. This clause expired in 2006. A new PCCA clause became effective Jan. 1, 2007, which permits recovery from retail customers for all purchased capacity payments to power suppliers. Capacity charges are not included in PSCo's base electric rates or other recovery mechanisms.
PGA	Purchased gas adjustment. A clause included in NSP-Minnesota's and NSP-Wisconsin's retail natural gas rate schedules that provides for prospective monthly rate adjustments to reflect the forecasted cost of purchased natural gas and natural gas transportation. The annual difference between the natural gas costs collected through PGA rates and the actual natural gas costs is collected or refunded over the subsequent period.
QSP	Quality of service plan. Provides for bill credits to retail customers if the utility does not achieve certain operational performance targets and/or specific capital investments for reliability. The current QSP for PSCo and SPS electric utility expired in 2006. A new QSP for the PSCo electric utility provides for bill credit to customers based upon operational performance standards through Dec. 31, 2010. The QSP for the PSCo natural gas utility expires December 2007.
SCA	Steam cost adjustment. Allows PSCo to recover the difference between its actual cost of fuel and the amount of these costs recovered under its base steam service rates. The SCA is revised annually to coincide with changes in fuel costs.
TCR	Transmission cost recovery adjustment. Allows NSP-Minnesota to recover the cost of transmission facilities not included in the determination of NSP-Minnesota's base electric rates in retail electric rates in Minnesota. The TCR was approved by the MPUC in 2006 to be effective in 2007, and will be revised annually as new transmission investments and costs are incurred.

***Other Terms and Abbreviations***

AFDC	Allowance for funds used during construction. Defined in regulatory accounts as a non-cash accounting convention that represents the estimated composite interest costs of debt and a return on equity funds used to finance construction. The allowance is capitalized in property accounts and included in income.
ALJ	Administrative law judge. A judge presiding over regulatory proceedings.
ARO	Asset Retirement Obligation
BART	Best Available Retrofit Technology
CO <sub>2</sub>	Carbon dioxide
C20	Derivatives Implementation Group of FASB Implementation Issue No. C20. Clarified the terms clearly and closely related to normal purchases and sales contracts, as included in SFAS No. 133.
CAIR	Clean Air Interstate Rule
CAMR	Clean Air Mercury Rule
CAPCD	Colorado Air Pollution Control Division
COLI	Corporate-owned life insurance

decommissioning	The process of closing down a nuclear facility and reducing the residual radioactivity to a level that permits the release of the property and termination of license. Nuclear power plants are required by the NRC to set aside funds for their decommissioning costs during operation.
derivative instrument	<p>A financial instrument or other contract with all three of the following characteristics:</p> <ul style="list-style-type: none"> <li>• An underlying and a notional amount or payment provision or both,</li> <li>• Requires no initial investment or an initial net investment that is smaller than would be required for other types of contracts that would be expected to have a similar response to changes in market factors, and</li> <li>• Terms require or permit a net settlement, can be readily settled net by means outside the contract or provides for delivery of an asset that puts the recipient in a position not substantially different from net settlement</li> </ul>
distribution	The system of lines, transformers, switches and mains that connect electric and natural gas transmission systems to customers.
EPS	Earnings per share of common stock outstanding
ERISA	Employee Retirement Income Security Act
FASB	Financial Accounting Standards Board
FTRs	Financial Transmission Rights
GAAP	Generally accepted accounting principles
generation	The process of transforming other forms of energy, such as nuclear or fossil fuels, into electricity. Also, the amount of electric energy produced, expressed in megawatts (capacity) or megawatt hours (energy).
GHG	Greenhouse Gas
JOA	Joint operating agreement among the utility subsidiaries
LIBOR	London Interbank Offered Rate
LNG	Liquefied natural gas. Natural gas that has been converted to a liquid.
mark-to-market	The process whereby an asset or liability is recognized at fair value.
MEEP	Metropolitan Emissions Reduction Project
MGP	Manufactured gas plant
MISO	Midwest Independent Transmission System Operator, Inc.
Moody's	Moody's Investor Services Inc.
MPCA	Minnesota Pollution Control Agency
native load	The customer demand of retail and wholesale customers whereby a utility has an obligation to serve: e.g., an obligation to provide electric or natural gas service created by statute or long-term contract.
natural gas	A naturally occurring mixture of gases found in porous geological formations beneath the earth's surface, often in association with petroleum. The principal constituent is methane.
NOx	Nitrogen oxide
nonutility	All items of revenue, expense and investment not associated, either by direct assignment or by allocation, with providing service to the utility customer.
PBRP	Performance-based regulatory plan. An annual electric earnings test, an electric quality of service plan and a natural gas quality of service plan established by the CPUC.
PFS	Private Fuel Storage, LLC. A consortium of private parties (including NSP-Minnesota) working to establish a private facility for interim storage of spent nuclear fuel.
PUHCA	Public Utility Holding Company Act of 1935. Enacted to regulate the corporate structure and financial operations of utility holding companies.
PUHCA 2005	Public Utility Holding Company Act of 2005. Successor to the Public Utility Holding Company Act of 1935. Eliminates most federal regulation of utility holding companies. Transfers other regulatory authority from the SEC to the FERC.
QF	Qualifying facility. As defined under the Public Utility Regulatory Policies Act of 1978, a QF sells power to a regulated utility at a price equal to that which it would otherwise pay if it were to build its own power plant or buy power from another source.
rate base	The investor-owned plant facilities for generation, transmission and distribution and other assets used in supplying utility service to the consumer.
ROE	Return on equity
RTO	Regional Transmission Organization. An independent entity, which is established to have "functional control" over a utility's electric transmission systems, in order to provide non-discriminatory access to transmission of electricity.
SFAS	Statement of Financial Accounting Standards
SO <sub>2</sub>	Sulfur dioxide
SPP	Southwest Power Pool, Inc.
Standard & Poor's	Standard & Poor's Ratings Services
TEMT	Transmission and Energy Markets Tariff of MISO
TCEQ	Texas Commission of Environmental Quality

unbilled revenues	Amount of service rendered but not billed at the end of an accounting period. Cycle meter-reading practices result in unbilled consumption between the date of last meter reading and the end of the period.
underlying	A specified interest rate, security price, commodity price, foreign exchange rate, index of prices or rates, or other variable, including the occurrence or nonoccurrence of a specified event such as a scheduled payment under a contract.
VaR	Value-at-risk
wheeling or transmission	An electric service wherein high-voltage transmission facilities of one utility system are used to transmit power generated within or purchased from another system.
working capital	Funds necessary to meet operating expenses.

### ***Measurements***

Btu	British thermal unit. A standard unit for measuring thermal energy or heat commonly used as a gauge for the energy content of natural gas and other fuels.
Bcf	Billion cubic feet
GWh	Gigawatt hours
KV	Kilovolts
KW	Kilowatts (one KW equals one thousand watts)
Kwh	Kilowatt hours
Mcf	Thousand cubic feet
MMBtu	One million Btus
MW	Megawatts (one MW equals one thousand KW)
Watt	A measure of power production or usage.
Volt	The unit of measurement of electromotive force. Equivalent to the force required to produce a current of one ampere through a resistance of one ohm. The unit of measure for electrical potential. Generally measured in kilovolts or KV



## COMPANY OVERVIEW

Xcel Energy is a holding company, with subsidiaries engaged primarily in the utility business. In 2007, Xcel Energy's continuing operations included the activity of four wholly owned utility subsidiaries that serve electric and natural gas customers in eight states. These utility subsidiaries are NSP-Minnesota, NSP-Wisconsin, PSCo and SPS. These utilities serve customers in portions of Colorado, Michigan, Minnesota, New Mexico, North Dakota, South Dakota, Texas and Wisconsin. Along with WYCO, a company formed to develop and lease new natural gas pipeline and compression facilities, and WGI, an interstate natural gas pipeline company, these companies comprise the continuing regulated utility operations.

Xcel Energy was incorporated under the laws of Minnesota in 1909. Xcel Energy's executive offices are located at 414 Nicollet Mall, Minneapolis, Minn. 55401. Its web site address is [www.xcelenergy.com](http://www.xcelenergy.com). Xcel Energy makes available, free of charge through its web site, its annual report on Form 10-K, quarterly reports on Form 10-Q and current reports on Form 8-K as soon as reasonably practicable after such material is electronically filed with or furnished to the SEC. In addition, the Xcel Energy guidelines on Corporate Governance and Code of Conduct are also available on its web site.

As discussed in detail in the Management's Discussion and Analysis section, environmental leadership is a core strategic priority for Xcel Energy. Our environmental leadership strategy is designed to meet customer and policy maker expectations while creating shareholder value. We have established a highly effective environmental compliance program and have produced an excellent compliance record. Moreover, we pursue environmental policy initiatives that promote our environmental leadership and provide growth opportunities. Among other things, Xcel Energy is a national leader in voluntary emission reduction programs, the nation's largest retail utility wind energy provider and a leader in innovative technology, energy efficiency and conservation and customer-driven renewable energy programs. In 2007, Xcel Energy filed resource plans in two of its operating service territories that will result in a significant reduction in CO<sub>2</sub> emissions, while meeting growing customer demand at a reasonable price. Through our environmental leadership strategy, we are well-positioned to meet the challenges of potential future climate change regulation, comply with the renewable energy mandates and take advantage of the clean energy incentives created by policy makers in the states in which we operate.

### **NSP-Minnesota**

NSP-Minnesota was incorporated in 2000 under the laws of Minnesota. NSP-Minnesota is an operating utility engaged in the generation, purchase, transmission, distribution and sale of electricity in Minnesota, North Dakota and South Dakota. The wholesale customers served by NSP-Minnesota comprised approximately 10 percent of the total sales in 2007. NSP-Minnesota also purchases, transports, distributes and sells natural gas to retail customers and transports customer-owned natural gas in Minnesota and North Dakota. NSP-Minnesota provides electric utility service to approximately 1.4 million customers and natural gas utility service to approximately 0.5 million customers. Approximately 90 percent of NSP-Minnesota's retail electric operating revenues were derived from operations in Minnesota during 2007. Generally, NSP-Minnesota's earnings comprise approximately 40 percent to 50 percent of Xcel Energy's consolidated net income.

The electric production and transmission system of NSP-Minnesota is managed as an integrated system with that of NSP-Wisconsin, jointly referred to as the NSP System. The electric production and transmission costs of the entire NSP System are shared by NSP-Minnesota and NSP-Wisconsin. A FERC-approved agreement between the two companies, called the Interchange Agreement, provides for the sharing of all costs of generation and transmission facilities of the NSP System, including capital costs.

NSP-Minnesota owns the following direct subsidiaries: United Power and Land Co., which holds real estate; and NSP Nuclear Corp., which owns NMC.

### **NSP-Wisconsin**

NSP-Wisconsin was incorporated in 1901 under the laws of Wisconsin. NSP-Wisconsin is an operating utility engaged in the generation, transmission, distribution and sale of electricity in portions of northwestern Wisconsin and in the western portion of the Upper Peninsula of Michigan. The wholesale customers served by NSP-Wisconsin comprised approximately 8 percent of the total sales in 2007. NSP-Wisconsin also purchases, transports, distributes and sells natural gas to retail customers and transports customer-owned natural gas in the same service territory. NSP-Wisconsin provides electric utility service to approximately 246,000 customers and natural gas utility service to approximately

102,000 customers. The management of the electric production and transmission system of NSP-Wisconsin is integrated with NSP-Minnesota, as discussed previously. Approximately 98 percent of NSP-Wisconsin's retail electric operating revenues were derived from operations in Wisconsin during 2007. Generally, NSP-Wisconsin's earnings comprise approximately 5 percent to 10 percent of Xcel Energy's consolidated net income.

NSP-Wisconsin owns the following direct subsidiaries: Chippewa and Flambeau Improvement Co., which operates hydro reservoirs; Clearwater Investments Inc., which owns interests in affordable housing; and NSP Lands, Inc., which holds real estate.

## **PSCo**

PSCo was incorporated in 1924 under the laws of Colorado. PSCo is an operating utility engaged primarily in the generation, purchase, transmission, distribution and sale of electricity in Colorado. The wholesale customers served by PSCo comprised approximately 24 percent of the total sales in 2007. PSCo also purchases, transports, distributes and sells natural gas to retail customers and transports customer-owned natural gas. PSCo provides electric utility and natural gas utility service to approximately 1.3 million customers. All of PSCo's retail electric operating revenues were derived from operations in Colorado during 2007. Generally, PSCo's earnings comprise approximately 40 percent to 50 percent of Xcel Energy's consolidated net income.

PSCo owns the following direct subsidiaries: 1480 Welton, Inc., which owns certain real estate interests for PSCo; and Green and Clear Lakes Company, which owns water rights. PSCo also owned PSRI, which held certain former employees' life insurance policies. Following settlement with the IRS during 2007, such policies were terminated. PSCo also holds a controlling interest in several other relatively small ditch and water companies.

## **SPS**

SPS was incorporated in 1921 under the laws of New Mexico. SPS is an operating utility engaged primarily in the generation, purchase, transmission, distribution and sale of electricity in portions of Texas and New Mexico. The wholesale customers served by SPS comprised approximately 38 percent of the total sales in 2007. SPS provides electric utility service to approximately 388,000 customers. Approximately 76 percent of SPS' retail electric operating revenues were derived from operations in Texas during 2007. Generally, SPS' earnings comprise approximately 5 percent to 10 percent of Xcel Energy's consolidated net income.

## **Other Subsidiaries**

WGI was incorporated in 1990 under the laws of Colorado. WGI is a small interstate natural gas pipeline company engaged in transporting natural gas from the PSCo system near Chalk Bluffs, Colo., to the Cheyenne system near Cheyenne, Wyo.

In 1999, WYCO was jointly formed with a subsidiary of El Paso Corporation to develop and lease new natural gas pipeline and compression facilities. Xcel Energy plans to invest approximately \$151 million in WYCO between 2007 and 2010. The WYCO pipeline project is expected to begin operations in 2008 and the WYCO storage project is expected to begin operations in 2009. The new pipeline and storage projects will be leased to Colorado Interstate Gas Company, a subsidiary of El Paso Corporation. The terms of the lease agreement for the new pipeline and storage projects will be based on FERC regulation and it is anticipated that they will be approved by the FERC as a component of the certificate filing to be made by the Colorado Interstate Gas Company.

Xcel Energy Services Inc. is the service company for the Xcel Energy holding company system, where corporate financing activity occurs. Generally, Xcel Energy Services, Inc.'s losses comprise approximately 5 percent to 10 percent of Xcel Energy's consolidated net income.

Xcel Energy's nonregulated subsidiary in continuing operations is Eloigne, which invests in rental housing projects that qualify for low-income housing tax credits.

See financial information regarding the segments of Xcel Energy's business at Note 18 to the consolidated financial statements.

In the past, Xcel Energy had several other subsidiaries that were sold or divested. For more information regarding Xcel Energy's discontinued operations, see Note 3 to the consolidated financial statements.

Xcel Energy conducts its utility business in the following reportable segments: regulated electric utility, regulated natural gas utility and all other. Comparative segment revenues, income from continuing operations and related financial information for fiscal years 2007, 2006 and 2005 are set forth in Note 18 to the accompanying consolidated financial statements.

Xcel Energy focuses on growing through investments in electric and natural gas rate base to meet growing customer demands, environmental and renewable energy initiatives and to maintain or increase reliability and quality of service to customers. Xcel Energy files periodic rate cases with state and federal regulators to earn a return on its investments and recover costs of operations. For more information regarding Xcel Energy's capital expenditures, see Note 15 to the consolidated financial statements.

# ELECTRIC UTILITY OPERATIONS

## Electric Utility Trends

### Overview

**Climate Change and Clean Energy** — Like most other utilities, Xcel Energy is subject to a significant array of environmental regulations focused on many different aspects of its operations. There are significant future environmental regulations under consideration to encourage the use of clean energy technologies and regulate emissions of GHGs to address climate change. Xcel Energy's electric generating facilities are likely to be subject to regulation under climate change policies introduced at either the state or federal level within the next few years. Several of the states in which we operate have proposed or implemented clean energy policies, such as renewable energy portfolio standards or DSM programs, in part designed to reduce the emissions of GHGs. Congress and federal policy makers are considering climate change legislation and a variety of national climate change policies. Xcel Energy is advocating with state and federal policy makers for climate change and clean energy policies that will result in significant long-term reduction in GHG emissions, develop low-emitting technologies and secure, cost-effective energy supplies for our customers and our nation.

While Xcel Energy is not currently subject to state or federal limits on its GHG emissions, we have undertaken a number of initiatives to prepare for climate change regulation and reduce our GHG emissions. These initiatives include emission reduction programs, energy efficiency and conservation programs, renewable energy development and technology exploration projects. Although the impact of climate change policy on Xcel Energy will depend on the specifics of state and federal policies and legislation, we believe that, based on prior state commission practice, we would be granted the authority to recover the cost of these initiatives through rates.

Additional information regarding climate change and clean energy is presented in the Management's Discussion and Analysis section.

**Utility Restructuring and Retail Competition** — The FERC has continued with its efforts to promote more competitive wholesale markets through open-access transmission and other means. As a consequence, Xcel Energy's utility subsidiaries and their wholesale customers can purchase from competing wholesale suppliers and use the transmission systems of the utility subsidiaries on a comparable basis to the utility subsidiaries' to serve their native load.

Xcel Energy supports the continued development of wholesale competition and non-discriminatory wholesale open access transmission services. Xcel Energy will continue to work with the SPP on RTO development for the Texas Panhandle region and the incorporation of independent transmission operations to insure non-discriminatory open access. Xcel Energy is also still pursuing strengthening its transmission system internally to alleviate north and south congestion within the Texas Panhandle and other lines to increase the transfer capability between the Texas Panhandle and other electric systems.

One state served by Xcel Energy's utility subsidiaries has implemented retail electric utility competition. In 2002, Texas implemented retail competition, but it is presently limited to utilities within the Electric Reliability Council of Texas (ERCOT), which does not include SPS. Under current law, SPS can file a plan to implement competition, subject to regulatory approval, in Texas. Local market conditions and political realities must be considered in proposing the transition to competition. Xcel Energy has been unable to develop a plan for the Texas Panhandle to move toward competition that would be in the best interests of its customers. As a result, Xcel Energy does not plan to propose retail competition in the Texas Panhandle until required by law. New Mexico repealed its legislation related to retail electric utility competition.

In 2002, NSP-Wisconsin began providing its Michigan electric customers with the opportunity to select an alternative electric energy provider. To date, no NSP-Wisconsin customers have selected an alternative electric energy provider.

Xcel Energy's retail electric business faces competition as industrial and large commercial customers have the ability to own or operate facilities to generate their own electricity. In addition, customers may have the option of substituting other fuels, such as natural gas or steam/chilled water for heating, cooling and manufacturing purposes, or the option of relocating their facilities to a lower cost region. While each of Xcel Energy's utility subsidiaries faces these challenges, their rates are competitive with currently available alternatives.