

RPU-2009-0002

**FILED WITH
Executive Secretary**

July 17, 2009

IOWA UTILITIES BOARD

OFFICE OF CONSUMER ADVOCATE

DIRECT EXHIBITS

OF

DR. DAVID S. HABR

**IN RE: INTERSTATE POWER & LIGHT COMPANY
Docket No. RPU-2009-0002**

July 17, 2009

CUSTOMER IMPACT OF MIDAMERICAN ENERGY -- INTERSTATE POWER & LIGHT PRICE DIFFERENCED

Year	INTERSTATE POWER & LIGHT					MIDAMERICAN ENERGY					INTERSTATE POWER & LIGHT					Additional Annual Revenues Over MEC Prices Paid By IPL Customers
	Residential ¢/kWh	Small Comm. & Industrial ¢/kWh	Large Comm. & Industrial ¢/kWh	Public Streets & Highways ¢/kWh	Other Sales to Public Authorities ¢/kWh	Residential ¢/kWh	Small Comm. & Industrial ¢/kWh	Large Comm. & Industrial ¢/kWh	Public Streets & Highways ¢/kWh	Other Sales to Public Authorities ¢/kWh	Residential Total kWh/Year (000's)	Small Comm. & Industrial Total kWh/Year (000's)	Large Comm. & Industrial Total kWh/Year (000's)	Public Streets & Highways (000's)	Other Sales to Public (000's)	
2000	8.46	6.65	3.64	13.29	4.98	9.00	6.87	4.07	16.95	5.73	3,622,176	3,127,533	7,880,784	50,780	27,460	(\$62,094,567)
2001	8.75	7.02	4.18	14.18	5.77	8.78	6.78	4.15	16.32	5.64	3,648,115	3,153,060	7,436,587	49,138	26,495	\$7,970,451
2002	8.47	6.74	3.93	14.54	5.57	8.67	6.72	4.08	16.64	5.51	3,787,753	3,199,333	7,316,726	46,133	25,193	(\$18,655,151)
2003	8.86	6.81	4.15	15.51	5.92	8.65	6.67	4.08	16.57	5.47	3,761,670	3,303,058	7,232,562	46,974	23,957	\$17,496,218
2004	9.86	7.39	4.37	17.50	6.64	8.67	6.69	4.06	14.78	5.44	3,598,687	3,275,530	7,301,769	45,724	23,924	\$89,682,600
2005	10.78	7.81	4.78	18.90	7.48	8.59	6.66	4.05	15.45	5.39	3,873,357	3,624,827	7,451,933	47,147	22,654	\$182,188,467
2006	11.53	8.63	5.55	19.55	8.54	8.66	6.71	4.07	15.48	5.47	3,750,502	3,699,827	7,308,532	49,741	20,934	\$289,876,818
2007	10.83	8.05	5.11	18.91	8.12	8.51	6.61	4.01	15.04	5.39	3,870,468	3,746,657	7,398,615	49,875	20,105	\$227,096,140
2008	10.90	8.15	5.19	18.91	8.52	8.37	6.57	3.99	15.16	5.31	3,894,472	3,751,083	7,378,231	49,788	16,073	\$248,668,903

Total, 2003 through 2008: \$1,055,009,146

Source: IPL and MEC IE-1s, 2000 through 2008.

COMPARISON OF IPL'S AND MEC'S SALES AND CUSTOMER

	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total Growth
INTERSTATE POWER & LIGHT MWH SALES										
Residential	3,622,176	3,648,115	3,761,670	3,761,670	3,598,687	3,873,357	3,750,502	3,870,468	3,894,472	7.52%
Small Commercial & Industrial	3,127,533	3,153,060	3,303,058	3,303,058	3,275,530	3,624,827	3,699,827	3,746,657	3,751,083	19.94%
Large Commercial & Industrial	7,880,784	7,436,587	7,232,562	7,232,562	7,301,769	7,451,933	7,308,532	7,398,615	7,378,231	-6.38%
MIDAMERICAN ENERGY COMPANY MWH SALES										
Residential	4,311,190	4,546,256	4,759,643	4,678,734	4,696,079	5,141,652	5,086,363	5,458,036	5,372,499	24.62%
Small Commercial & Industrial	3,306,772	3,349,516	3,445,081	3,410,266	3,493,059	3,639,459	3,605,000	3,721,538	3,718,733	12.46%
Large Commercial & Industrial	6,126,745	5,772,093	5,995,047	6,243,261	6,489,036	6,903,223	7,789,081	8,272,596	8,309,716	35.63%
INTERSTATE POWER & LIGHT AVERAGE CUSTOMERS										
Residential	393,322	395,239	397,901	400,457	402,541	405,894	407,313	408,094	407,695	3.65%
Small Commercial & Industrial	66,423	67,033	68,120	68,289	69,005	70,948	71,954	72,512	72,705	9.46%
Large Commercial & Industrial	1,539	1,544	1,571	1,596	1,594	1,679	1,687	1,679	1,679	9.10%
MIDAMERICAN ENERGY COMPANY AVERAGE CUSTOMERS										
Residential	497,250	500,910	506,206	512,676	519,409	527,264	535,005	540,810	543,912	9.38%
Small Commercial & Industrial	69,919	70,020	70,901	71,424	72,136	72,839	73,409	73,536	74,331	6.31%
Large Commercial & Industrial	1,086	1,082	1,087	1,134	1,175	1,199	1,237	1,278	1,321	21.64%
INTERSTATE POWER & LIGHT kWh USAGE PER AVERAGE CUSTOMER										
Residential	9,209	9,230	9,454	9,393	8,940	9,543	9,208	9,484	9,552	3.73%
Small Commercial & Industrial	47,085	47,037	48,489	48,369	47,468	51,091	51,419	51,669	51,593	9.57%
Large Commercial & Industrial	5,120,717	4,816,442	4,603,795	4,531,680	4,580,784	4,438,316	4,332,266	4,406,560	4,394,420	-14.18%
MIDAMERICAN ENERGY COMPANY kWh USAGE PER AVERAGE CUSTOMER										
Residential	8,670	9,076	9,403	9,126	9,041	9,752	9,507	10,092	9,878	13.93%
Small Commercial & Industrial	47,294	47,837	48,590	47,747	48,423	49,966	49,108	50,608	50,029	5.78%
Large Commercial & Industrial	5,641,570	5,334,652	5,515,223	5,505,521	5,522,584	5,757,484	6,296,751	6,473,080	6,290,474	11.50%

Sources: IPL and MEC IE-1's, 2000 through 2008, pp. 300 - 301.

IPL AND MEC OWNED GENERATION; 2000 AND 2008

Generation Type	Year -- 2000				Year -- 2008			
	IPL		MEC		IPL		MEC	
Coal	1,927.3	64.0%	2,855.0	70.9%	1,804.8	60.9%	3,372.0	52.5%
Nuclear	364.0	12.1%	383.0	9.5%	0.0	0.0%	435.0	6.8%
Combined Cycle	0.0	0.0%	0.0	0.0%	551.8	18.6%	494.0	7.7%
Peaking Units	722.1	24.0%	789.0	19.6%	606.7	20.5%	840.0	13.1%
Wind	0.0	0.0%	0.0	0.0%	0.0	0.0%	1,284.0	20.0%
Total	3,013.4	100.0%	4,027.0	100.0%	2,963.3	100.0%	6,425.0	100.0%

Note: In 2000 MEC also reported an additional 379 MW of nuclear capacity from NPPD's Cooper Nuclear Plant. That represented MEC's entitlement to 50% of Cooper's accredited capacity under its 20 year purchase power agreement which ended in 2004.

Source: Alliant Energy 2000 10-k, pp. 24 -- 25 and 2008 10-k, p. 25;
 MidAmerican Energy 2000 10-k, p. 17 and 2008 10-k, p. 11.

**ALLIANT ENERGY
 FOREIGN INVESTMENTS**

Year	Brazil	New Zealand Australia	China	Mexico	Other	Total Investment	Income From International
2008	\$0	\$0	\$0	\$0	\$0	\$0	N.R.
2007	0	0	0	0	0	0	N.R.
2006	0	0	0	0	0	0	128.4
2005	72	116	0	0	0	188	(233.7)
2004	326	116	192	82	0	716	(2.2)
2003	283	103	195	79	0	660	41.3
2002	214	86	180	55	0	535	(27.1)
2001	378	124	176	41	0	719	(27.3)
2000	319	140	80	18	1	558	(18.2)
1999	0	125	62	10	1	198	N.R.

Note: Values for 1999 through 2004 include both consolidated and unconsolidated investments. 2005 values are for unconsolidated investments only. All amounts in millions.

Source: Alliant Energy 10-k's, 2002, 2005, and 2006, pp. 85 - 86; 89 - 90; and 103 respectively. International not reported as a business segment after 2006.

ALLIANT ENERGY CORPORATION UTILITY v. NON-UTILITY EARNINGS

Year	Year End Outstanding Common Shares (a)	Alliant Energy Consolidated Earnings (b)	Total Utility Earnings (c)	Alliant Energy Resources Earnings (d)	Alliant Energy Consolidated EPS (e)=(b)/(a)	Alliant Energy Utility EPS (f)=(c)/(a)	Alliant Energy Resources EPS (g)=(d)/(a)
2008	110,449,099	\$288.0	\$241.3	\$37.3	\$2.61	\$2.18	\$0.34
2007	110,359,314	425.3	385.1	35.3	3.85	3.49	0.32
2006	116,126,599	315.7	259.0	46.4	2.72	2.23	0.40
2005	117,035,793	(7.7)	251.5	(261.8)	(0.07)	2.15	(2.24)
2004	115,741,816	145.5	220.7	(68.9)	1.26	1.91	(0.60)
2003	110,962,910	183.5	198.7	(1.9)	1.65	1.79	(0.02)
2002	92,304,220	106.9	165.6	(60.6)	1.16	1.79	(0.66)
2001	89,682,334	172.4	164.9	1.4	1.92	1.84	0.02
2000	79,010,114	398.7	167.8	227.2	5.05	2.12	2.88
1999	78,984,014	196.6	161.5	38.3	2.49	2.04	0.48

- Notes:
- 2007 utility earnings include \$123 million (\$1.11/share) after tax gain on the sale of IPL's transmission assets.
 - 2006 non-utility EPS contribution driven by \$253.9 million gain on sale of Alliant Energy New Zealand, Ltd. stock.
 - 2005 Consolidated EPS reflects the impact of a \$334.3 million before tax writedown of investments in Brazil and a \$64.1 million after tax loss from discontinued non-regulated operations.
 - 2004 Consolidated EPS reflects the impact of a \$65.3 million after tax loss from discontinued non-regulated operations.
 - 2002 Consolidated EPS pretax losses of \$31.3 million from equity losses on unconsolidated investments and \$27.2 million impairment charge for McLeodUSA common stock.
 - 2000 non-utility EPS contribution driven by \$321.3 million non-cash gain on reclassification of investments, McLeodUSA common stock.
 - 1999 AER earnings would have been \$3.9 million but for the \$40.3 million gain on the sale of McLeodUSA common stock.
 - All dollar values in millions except per share.

Sources: Alliant Energy Corp 10-k's for 2001 through 2008. Figures in column (g) are most recent public revisions.

**CHANGES IN ALLIANT ENERGY RESOURCES CAPITALIZATION,
 DECEMBER 1999 -- DECEMBER 2008**

Capitalization	Year-end 1999		Year-end 2000		Year-end 2001		Year-end 2002		Year-end 2003		Year-end 2004		Year-end 2005		Year-end 2006		Year-end 2007		Year-end 2008	
	Amount (MMS)	Ratio	Amount (MMS)	Ratio	Amount (MMS)	Ratio	Amount (MMS)	Ratio	Amount (MMS)	Ratio										
Common Stock and additional Paid-in Capital	\$232.5		\$232.6		\$232.7		\$232.7		\$232.7		\$250.4		\$255.3		\$259.6		\$262.8		\$443.4	
Retained Earnings	(53.2)		174.0		175.4		114.8		113.0		44.1		(217.7)		(171.30)		(134.00)		(96.90)	
Accumulated Other Comprehensive Income (loss)	634.9		276.6		(140.1)		(166.9)		(69.1)		(46.2)		(33.9)		0.40		0.20		(1.40)	
Total Common Equity	\$814.2	71.4%	\$683.2	48.3%	\$268.0	19.5%	\$180.6	12.3%	\$276.6	24.0%	\$248.3	21.6%	\$3.7	0.6%	\$88.7	39.4%	\$129.0	35.4%	\$345.1	83.9%
Long-term Debt	\$326.7	28.6%	\$731.7	51.7%	\$1,105.8	80.5%	\$1,290.2	87.7%	\$874.1	76.0%	\$899.9	78.4%	\$582.2	99.4%	\$136.2	60.6%	\$235.0	64.6%	\$66.3	16.1%
Total Capitalization	\$1,140.9	100.0%	\$1,414.9	100.0%	\$1,373.8	100.0%	\$1,470.8	100.0%	\$1,150.7	100.0%	\$1,148.2	100.0%	\$585.9	100.0%	\$224.9	100.0%	\$364.0	100.0%	\$411.4	100.0%

Sources: Alliant Energy Corporation 10-K's, 1999 through 2008.

**TOTAL COMMON EQUITY LEFT IN AND/OR CONTRIBUTED TO
UTILITY OPERATIONS v. NON-REGULATED OPERATIONS -- 1999 THROUGH 2008**

Year	INTERSTATE POWER & LIGHT				WISCONSIN POWER & LIGHT				ALLIANT ENERGY RESOURCES			
	Earnings	Dividends Paid	Amount Added to Retained Earnings	Net Capital Contribution From Alliant	Earnings	Dividends Paid	Amount Added to Retained Earnings	Net Capital Contribution From Alliant	Earnings	Dividends Paid	Amount Added to Retained Earnings	Net Capital Contribution From Alliant
2008	\$126.2	\$29.1	\$97.1	\$125.0	\$115.1	\$91.3	\$23.8	\$100.0	\$37.3	\$0.0	\$37.3	\$180.6
2007	274.9	609.9	(335.00)	100.0	110.2	191.1	(80.9)	0.0	35.30	0.00	35.30	3.20
2006	157.0	219.80	(62.80)	26.0	102.0	92.2	9.8	42.6	46.40	0.00	46.40	4.30
2005	149.7	109.8	39.90	0.0	101.8	89.8	12.0	0.0	(261.80)	0.00	(261.80)	4.90
2004	110.3	102.0	8.30	100.0	110.4	89.0	21.4	0.0	(68.90)	0.00	(68.90)	17.70
2003	87.1	89.1	(2.00)	168.8	111.6	70.6	41.0	200.0	(1.90)	0.00	(1.90)	0.00
2002	88.0	81.8	6.20	60.0	77.6	59.6	18.0	61.0	(60.60)	0.00	(60.60)	0.00
2001	94.7	80.3	14.40	60.0	70.2	60.4	9.8	35.0	1.40	0.00	1.40	0.00
2000	99.7	80.3	19.40	0.0	68.1	0.0	68.1	0.0	227.20	0.00	227.20	0.10
1999	94.0	122.5	(28.49)	0.0	67.5	58.4	9.1	0.0	38.30	8.20	30.10	
Total	\$1,281.6	\$1,524.6	(\$243.0)	\$639.8	\$934.5	\$802.4	\$132.1	\$438.6	(\$7.3)	\$8.2	(\$15.5)	\$210.8
Sum of Additions to Retained Earnings and Capital Contributions				\$396.8				\$570.7				\$195.3

Sources: Alliant Energy Corp. 10-Ks for 1999, 2002, 2004, 2006, and 2008;

MEC -- IPL FUEL COST COMPARISON

MIDAMERICAN ENERGY					INTERSTATE POWER & LIGHT					
	Fuel Cost	Net Generation	Fuel Cost - \$ per kWh	Percent of Fuel Using Generation		Fuel Cost	Net Generation	Fuel Cost - \$ per kWh	Percent of Fuel Using Generation	
Coal										Coal
Walter Scott	\$ 79,442,145	8,309,424,700	\$ 0.00956	31.0%	\$ 9,212,457	329,406,290	\$ 0.02797	3.1%		Prairie Creek
Neal	77,073,407	6,743,787,000	0.01143	25.2%	4,269,301	24,694,925	0.17288	0.2%		6th Street
Riverside	9,399,599	697,989,200	0.01347	2.6%	16,901,474	1,180,922,000	0.01431	11.2%		Burlington
OGS	33,338,459	2,123,622,000	0.01570	7.9%	9,639,578	271,984,000	0.03544	2.6%		Dubuque
Louisa	51,287,984	4,268,092,751	0.01202	15.9%	45,283,851	1,769,965,380	0.02558	16.8%		Lansing
					2,630,692	209,857,000	0.01254	2.0%		Louisa
					3,399,341	9,729,920	0.34937	0.1%		Marshalltown
					14,612,506	673,408,500	0.02170	6.4%		ML Kapp
					11,886,939	1,036,231,000	0.01147	9.8%		Neal 3
					14,443,088	1,257,965,000	0.01148	12.0%		Neal 4
					32,797,856	2,082,588,000	0.01575	19.8%		OGS
					18,461,271	725,989,360	0.02543	6.9%		Southerland
Coal Total	\$ 250,541,594	22,142,915,651	\$ 0.01131	82.6%	\$ 183,538,354	9,572,741,375	\$ 0.01917	91.0%		
CCCT										CCCT
GDMEC	68,681,228	1,043,125,000	0.06584	3.9%	55,307,000	927,788,672	0.05961	8.8%		Emery
Gas										Gas
River Hills	71,404	(990,400)	(0.07210)	0.0%	36,406	(388,080)	(0.09381)	0.0%		Agency
Syamore	118,957	(134,800)	(0.88247)	0.0%	15,623	90,000	0.17359	0.0%		Burlington CT
Pleasant Hill	1,387,302	5,690,700	0.24378	0.0%	384,843	196,100	1.96248	0.0%		Centerville
Electrofarm	3,405,609	15,781,000	0.21580	0.1%	1,878,761	18,889,480	0.09946	0.2%		Fox Lake
Merle Parr	29,340	(370,600)	(0.07917)	0.0%	61,030	23,930	2.55036	0.0%		Grinnell
Moline	44,680	(269,800)	(0.16560)	0.0%	1,795,547	4,370,700	0.41081	0.0%		Lime Creek
Coralville	5,130	(320,000)	(0.01603)	0.0%	121,350	270,040	0.44938	0.0%		Montgomery
					26,006	(724,800)	(0.03588)	0.0%		Red Cedar
Gas Total	5,062,422	19,386,100	0.26114	0.1%	4,319,566	22,727,370	0.19006	0.2%		
Nuclear										
Quad Cities	17,045,864	3,599,228,000	0.00474	13.4%						
TOTAL	\$ 341,331,108	26,804,654,751	\$ 0.01273	100.1%	\$ 243,164,920	10,523,257,417	\$ 0.02311	100.0%		

Sources: IPL and MEC 2008 FERC Form 1, pp. 402, 403, et. al.

MIDAMERICAN ENERGY WIND FARMS

	Year Orig. Const.	Installed Name Plate Rating MWH	2008 Net Generation kWh	Cost of Plant	Average Cost of Installed Capacity per kW
Intrepid	2004	160.5	533,825,940	\$ 183,481,054	\$1,143
Century	2005	200.0	536,834,800	225,366,853	\$1,127
Victory	2006	99.0	357,205,400	174,188,936	\$1,759
State Fair Wind Turbine	2007	0.5	259,556	925,751	\$1,852
Pomeroy	2007	256.5	620,804,950	481,096,285	\$1,876
Charles City	2008	75.0	164,869,460	141,494,461	\$1,887
Adair	2008	174.8	18,714,000	340,306,449	\$1,947
Carroll	2008	150.0	41,028,000	298,122,916	\$1,987
Walnut	2008	153.0	5,000	339,013,868	\$2,216
Total		1,269.3	2,273,547,106	\$ 2,183,996,573	\$1,721
Total for Wind Farms Installed Before 2008:		716.5	2,048,930,646	\$ 1,065,058,879	\$1,486

Source: MEC 2008 FERC Form 1, p. 410.