

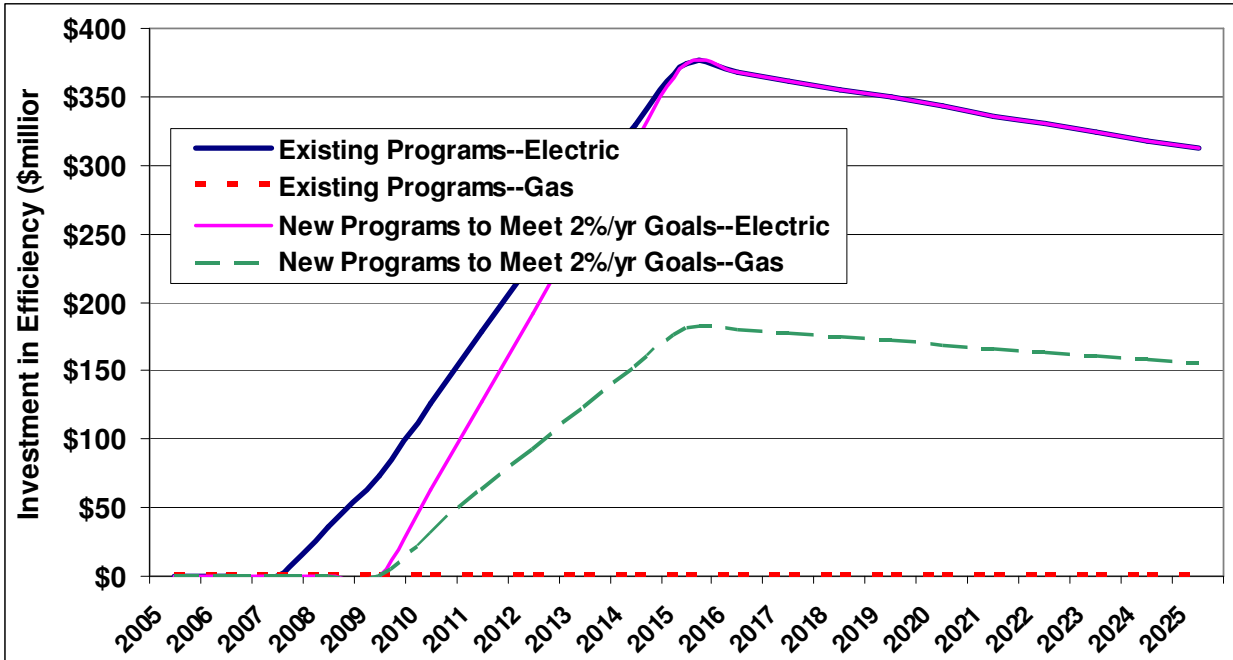
Energy Efficiency Resource Standards for MGA States

State (Enacted)	Requirement	Stand-Alone EERS/Part of RPS Policy	Gas or Electric	Public Benefits Fund/Other Additional Spending	Reference
Illinois (2008)	Utilities must meet annual savings goals of 0.2% of energy delivered in 2008, 0.4% in 2009, rising to 2% annually for 2015 and subsequent years.	Part of law establishing RPS; separate and distinct efficiency requirements	Electric	EE Trust Fund: \$54M (during 1998-2015); utilities contribute annually a pro rate share of \$3M total.	www.dsireusa.org
Indiana	None				
Iowa	Utilities to submit EE goals to achieve 1.5% annual savings; awaiting approval				www.aceee.org/energy/state/iowa/ia_utility.htm
Kansas	None				
Michigan (2000)	Electricity optimization standard: 0.3% savings of 2007 retail sales in 2008-2009, > to 1.0% of previous year's retail sales in 2012 and thereafter. Gas optimization standard: 0.1% savings of 2007 retail sales, > to 0.75% of previous year's sales in 2012 and thereafter.	Part of law establishing RES; utilities can use EE to meet a limited portion of the RES requirement.	Gas and electric	Low-income and EE Fund (LIEFF): \$83.8M total annually, varies by utility.	www.dsireusa.org
Minnesota (2007)	Legislation creating a goal of 1.5% annual energy savings from electric and natural gas sales starting in 2010, 1% of which must come from energy efficiency.	Stand alone	Electric and Gas + CHP	Renewable Development Fund (RDF): \$19.5M annually (beginning in 2008)	www.dsireusa.org
Missouri	None				
Nebraska	None				
N. Dakota	None				
Ohio (2009)	22% savings by 2025 (0.3% of target by 2009, 1% during 2014-2019, 2% during 2019-2025). Peak demand reduction of 1.0% in 2009 and 0.75% annually through 2018.	Stand alone.	Electric	Advanced Energy Fund: \$100 M over 10 years (max); \$15M/yr from 2001-05 and \$5M/yr from 2006-11	www.dsireusa.org
S. Dakota	None				
Wisconsin	Decision pending at Public Service Commission to increase utilities' spending			Focus on Energy Program: \$94M (7/07-12/08), 1.2% of annual utility operating revenue on EE and RE.	

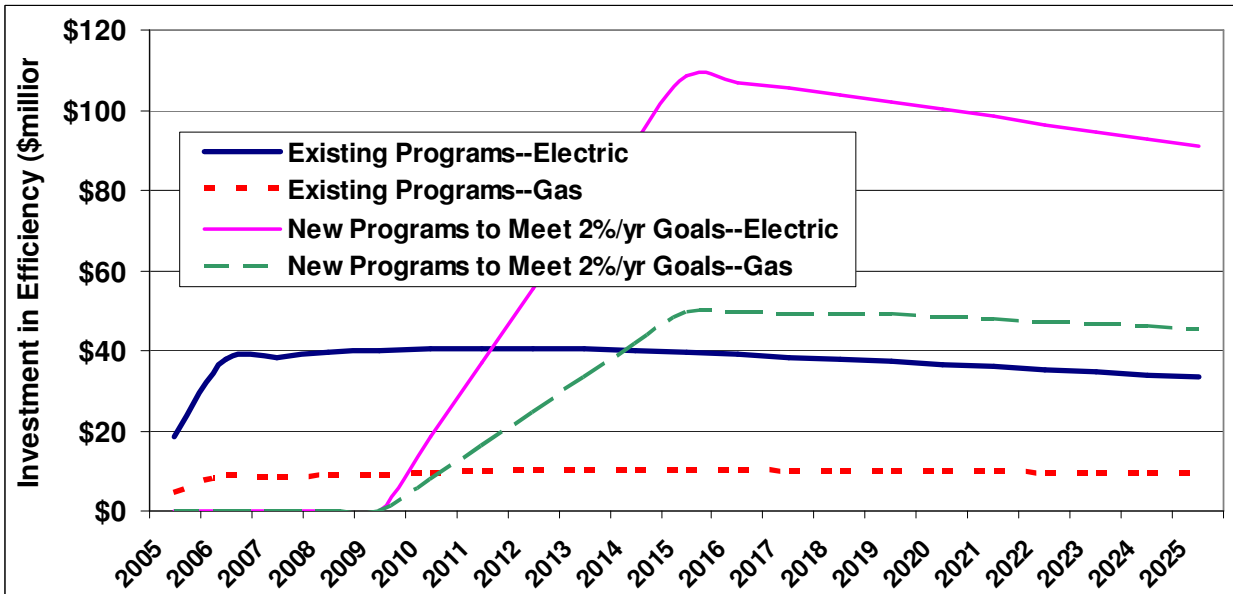
Estimated Annual Utility Investment (\$2006) to Meet Existing and 2%/yr Savings Goals

Prepared by the Center for Climate Strategies for the MGA Energy Efficiency Advisory Group

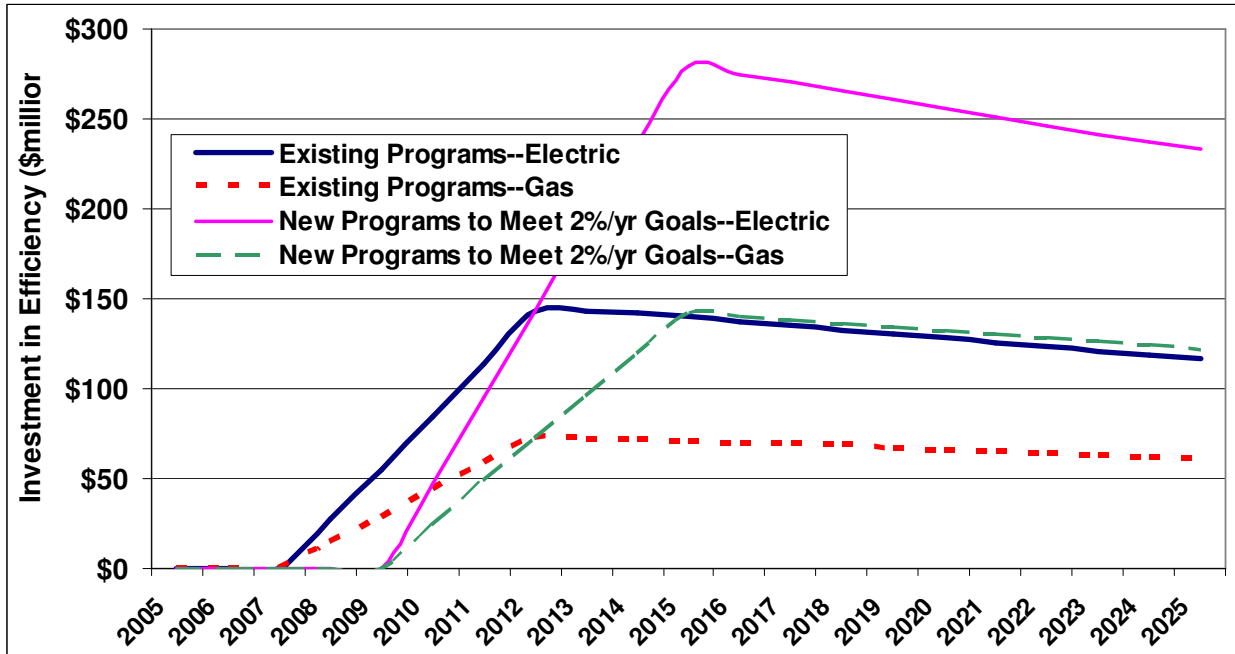
Illinois



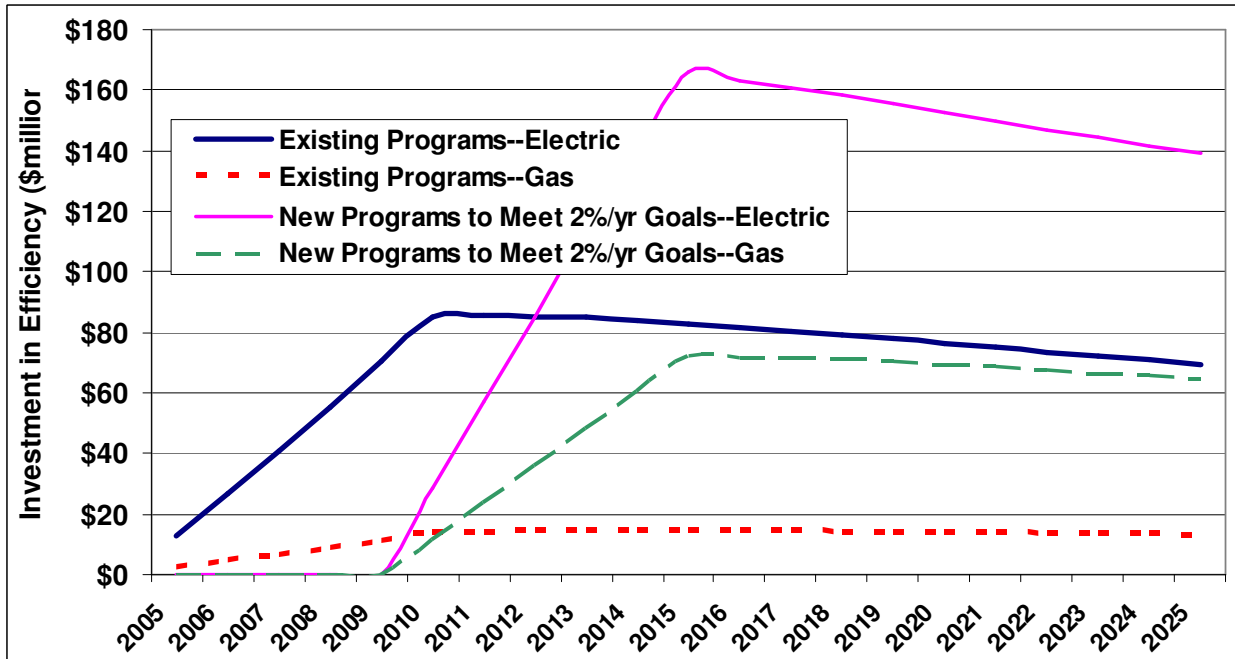
Iowa



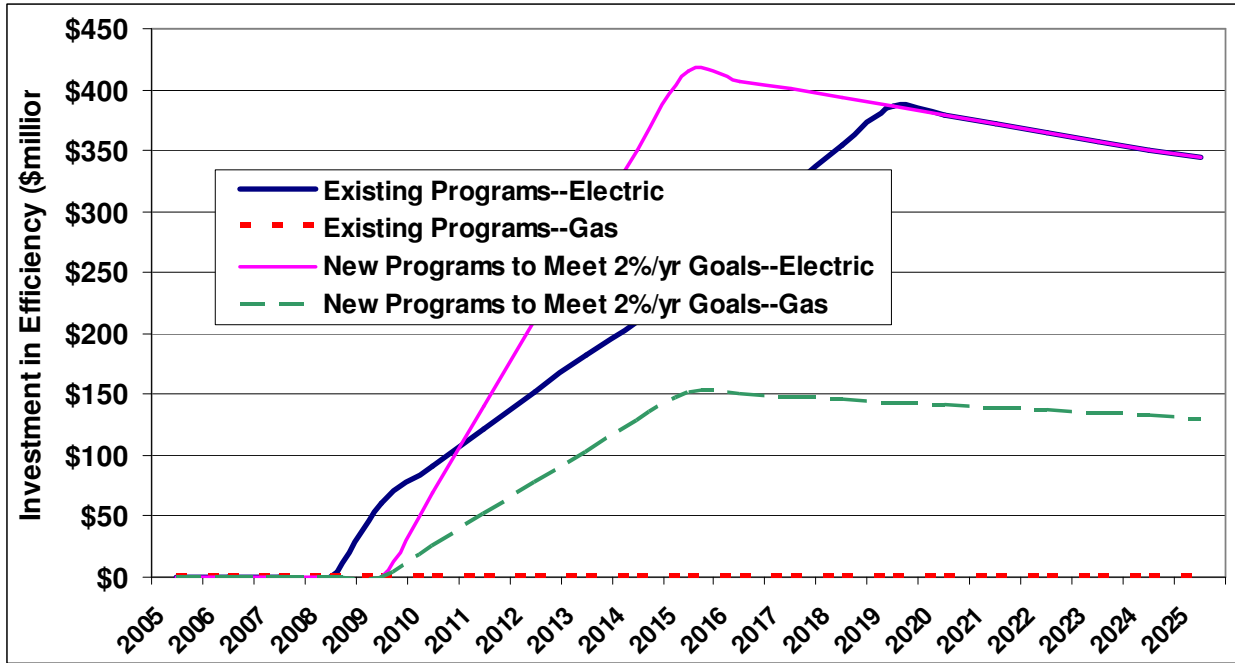
Michigan



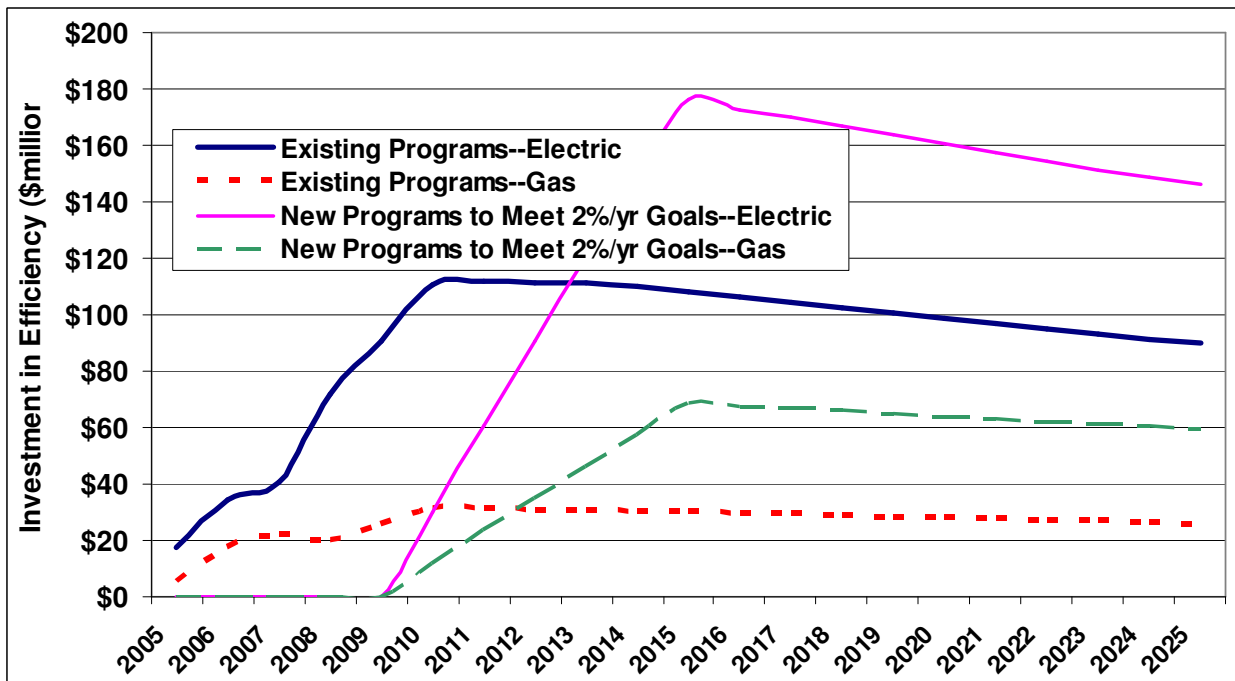
Minnesota



Ohio



Wisconsin



Energy Efficiency Spending in the MGA Region from the American Recovery and Reinvestment Act of 2009

Totals

- Total Weatherization Assistance funding = \$1.5 billion
- Total funding for EE & Conservation Block Grant programs: = \$535 million
- Total State Energy Plans SEP: \$611 million

Details on Energy Efficiency Spending

Weatherization Assistance Program Funding (2009 vs. ARRA) for MGA states

State	2009 Spending (mil)	Recovery Act (mil)	% Increase
Illinois	\$14	\$243	1636%
Indiana	\$7	\$132	1786%
Iowa	\$5	\$81	1520%
Michigan	\$16	\$243	1419%
Minnesota	\$10	\$132	1220%
Missouri	\$6	\$128	2033%
N. Dakota	\$2	\$25	1150%
Nebraska	\$2	\$42	2000%
Ohio	\$14	\$67	379%
S. Dakota	\$2	\$24	1100%
Wisconsin	\$9	\$142	1478%
Total	\$87	\$1.3 bil U.S. total = \$5 bil	15720%

Source: http://apps1.eere.energy.gov/weatherization/state_activities.cfm

Under the Recovery Act of 2009, the U.S. Department of Energy Weatherization Assistance Program will distribute \$5 billion to the states. Out of that funding, 26%, or \$1.3 billion, has been allocated to the group of MGA states. Funds are used to improve the energy efficiency of low-income homes using the most advanced technologies. The program will reduce energy bills for low-income house holds, spur job growth in weatherization services, and reduce our energy dependence.

Detail on SEP and EE & Conservation Block Grants

State	Total State Energy Program	SEP Energy Efficiency	SEP Renewable Energy	EE CDBG
Illinois	\$121 mil	\$65.5 mil	\$55.5 mil	\$112 mil
Indiana	\$69 mil			\$42 mil
Iowa	\$40 mil	\$20 mil	\$20 mil	\$21 mil
Kansas	\$38 mil			\$24 mil
Michigan	\$82 mil	\$80.7 mil	\$1.3 mil	\$77 mil
Minnesota	\$53.3 mil	\$31.8 mil	\$21.5 mil	\$37 mil
Missouri	\$57 mil			\$44 mil
North Dakota	\$25 mil			\$13 mil
Ohio	\$95.6 mil	\$38 mil	\$57.6 mil	\$84 mil
South Dakota	\$57 mil			\$44 mil
Wisconsin	\$55 mil	\$12.5 mil	\$42.5 mil	\$37 mil
Total	\$611 mil	\$248.2 mil	\$198.4 mil	\$535 mil

Renewable Energy Standards for MGA States

*Last updated June 19th, 2009

State (Enacted)	Renewables Goal	2009-2015	2016-2019	2020 onward
Illinois (2007)	25% by 2025 At least 75% from wind.	10%	16%	17.5% (25% by 2025)
Indiana	None. (400 MW of wind already developed)			
Iowa (1983)	Alternative Energy Law (AEL): 105 MW from renewables Secondary, voluntary goal: 1,000 MW of wind by 2010 (over 2,800 MW of wind developed by end of 2009)			
Kansas (2009)	20% of peak demand capacity by 2020	10%	15%	20%
Michigan (2008)	10% by 2015 (all in state)	10% (5% during 2012-2014)	No planned increase.	No planned increase.
Minnesota (2007)	Xcel Energy: 30% by 2020 All other utilities: 25% by 2025	Xcel: 25% (by 2016) Utilities: ~17%	Xcel: ~30% Utilities: ~20%	Xcel: 30% Utilities: 20% (25% by 2025)
Missouri (2008)	15% by 2021 Minimum 0.3% solar-electric by 2021	5% (by 2017)	~10%	10% (15% by 2021 and thereafter)
Nebraska	None.			
North Dakota (2007)	10% by 2015 (Renewable and Recycled Energy <i>Objective</i>)	10%	No planned increase.	No planned increase.
Ohio (2008)	12.5% by 2025	3.5%	7.5%	8.5% (12.5% by 2025)
South Dakota (2008)	10% by 2015 (Objective)	10%	No planned increase.	No planned increase.
Wisconsin (1998)	10% by 12/31/15 (statewide target-50% in state)	10%	No planned increase.	No planned increase.

American Recovery and Reinvestment Act of 2009 Bioeconomy and Transportation Funding Opportunities

Department of Transportation Major Transit Programs

Totals:

- \$6.9 billion for the Transit Capital Assistance Program
 - As of June 25th, 2009, \$476 million has been awarded to MGA states (projects include bus replacement and transit facility renovation/improvement)
- \$750 million for the [Fixed Guideway Infrastructure Investment](#) Program
- \$750 Million for [Capital Investment Grants](#)
- \$8 billion for High -Speed Rail to rebuild existing rail infrastructure and launch new high-speed intercity passenger rail services

Department of Energy

Totals:

- \$2 billion for Advanced Battery Manufacturing Grants
- \$400 million for the Transportation Electrification program
- \$300 million for the Alternative-Fueled-Vehicles Pilot Grant Program
- \$480 million for Demonstration of Integrated Biorefinery Operations
- \$176.5 Million for Commercial-Scale Biorefinery Projects
- \$20 million for Ethanol Research

2008 Farm Bill

Totals:

- \$20 million in funds in FY 2009; \$28 million in FY 2010; \$30 million in FY 2011 and \$40 million in FY 2012 for a Biomass Research and Development Program
 - Secretaries of Agriculture and Energy to coordinate policies promoting biobased industrial products. Funds competitive grants for research, development and demonstration projects for biofuels and biobased chemicals.

Advanced coal (with CCS) Stimulus funding information

- The Office of Fossil Energy has received \$3.4 billion from the Recovery Act.
- Of the total funding, \$1.0 billion will go towards fossil energy research and development programs
- \$800 million will go towards additional amounts for the Clean Coal Power Initiative Round III
 - Round III of the Clean Coal Power Initiative (CCPI) is focused on “developing projects that utilize carbon sequestration technologies and/or beneficial reuse of carbon dioxide.”
- \$50 million for a competitive solicitation for site characterization activities in geologic formations (in the context of CO₂ sequestration in geologic formations)
- \$20 million for geologic CO₂ sequestration training and research grants
- \$10 million for program direction funding