

Office of Energy and Climate Change

Keith Reopelle, Director



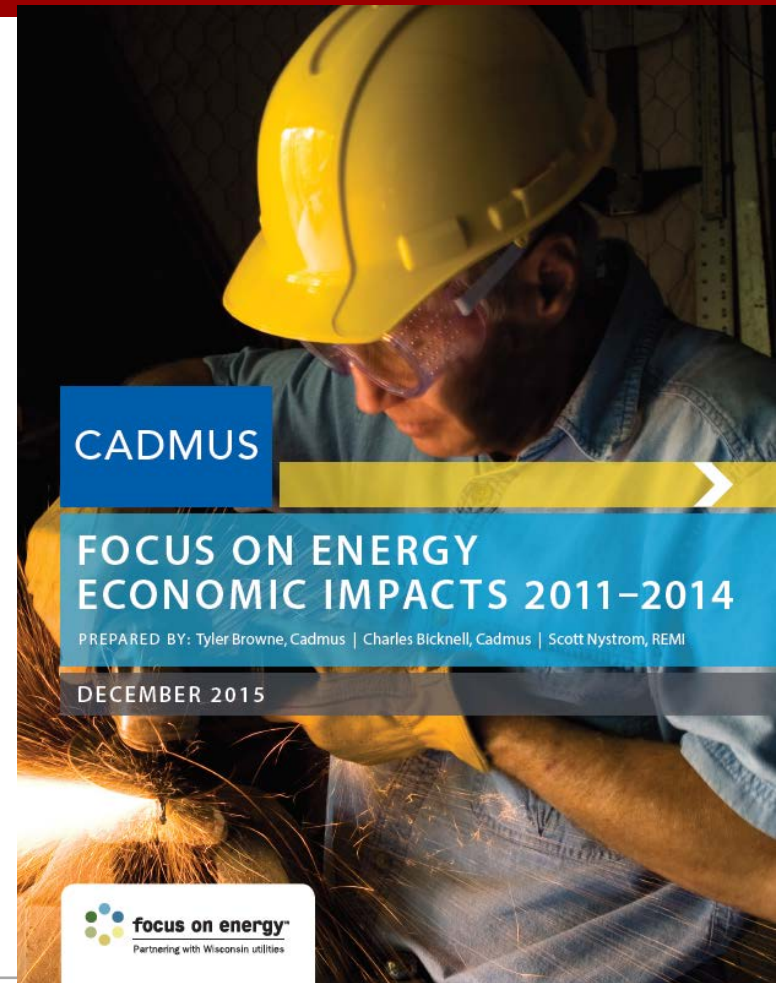
Energy Efficiency Program Development

- Gap Analysis—across the EE landscape and across the Focus on Energy program.
- Teams took different gaps and worked off-line on what a program, policy or project might look like.
- Teams reported back with overviews.
- The working group jointly discussed application of the tracking spreadsheet.

Focus On Energy

Statewide Energy Efficiency & Renewables

- Utility/ratepayer funded
- ~\$100 million annually
- Commercial & residential EE
- Small-scale, customer-sited RE
- Operating since 2001
- Highly successful
- Independent evaluation



Dane Co Energy Efficiency Program Sector Focus

- Agriculture, Schools and Government
- Small Business
- Design Assistance (commercial)
- New Homes
- Home Performance (ENERGY STAR)
- Simple Energy Efficiency (residential)

Dane Co Energy Efficiency Program

Project, Program or Policy Title	Type	Greenhouse Gas Emission Reductions (MTCO ₂ e)	Cost	Economic Benefits	Feasibility	Temporary
Example: Combined heat & power opportunity	Project ▼	100	\$1,000,000	High ▼	Medium ▼	7-12 yrs ▼
	▼			▼	▼	▼
Dane Co EE Program	Program ▼	3,360 to 13,440	\$450,000 to \$1.8M	High ▼	High ▼	1-3 yrs ▼
	▼			▼	▼	▼
	▼			▼	▼	▼

Dane Co EE Program Cont'd

Project, Program or Policy Title	Overall Dimension	Equity Considerations	Health Benefits	Adaptation	Project Progress	Working Group	Notes
Example: Combined heat & power opportunity	High ▼	Medium ▼	Low ▼	Planning Stage ▼	Electricity Supply & Generation ▼		
Dane Co EE Program	High ▼	Medium ▼	Low ▼	Planning Stage ▼	Energy Efficiency ▼	Energy Program	This evaluation is based on a program similar to the Focus on Energy Program, and would be highly coordinated with the Focus on Energy Program

EE Program Continued...

Title	Brief Description (<i>< 200 characters</i>)	GHG Reduction <i>MTCO_{2e}</i>	Project Cost		Economic Benefits	
			<i>\$ amount</i>	<i>Details</i>	<i>H-M-L</i>	<i>Details</i>
Example: Combined heat & power opportunity	Enter a brief description of the policy, program or project.	100	\$1,000,000			
Dane County Energy Efficiency Program	This is an EE program based broadly speaking on the state-wide energy efficiency program Focus on Energy	3,360 to 13,440	\$450,000 to \$1.8M	The initial investment will be for staff and approximately \$200,000 for two positions in the OECC.		High Will very directly create jobs, increase sales, increase GDP, lower energy bills, etc.

EE Program Continued...

Title	Feasibility		Temporal		Equity	
	<i>H-M-L</i>	<i>Details</i>	<i>Years</i>	<i>Details</i>	<i>H-M-L</i>	<i>Details</i>
Example: Combined heat & power opportunity	Medium		7-12 yrs		High	
Dane County Energy Efficiency Program	High	It will make sense to start out smaller and grow the program. Higher levels of achievement will cost more.	1-3 yrs	Following the feasibility, starting small will allow us to get off the ground relatively quickly--some time in 2019.	High	Several of the EE programs can be targeted to specific neighborhoods, communities or individuals (e.g. small business owners of color).

EE Program Continued...

Title	Health Benefits		Adaptation		Notes	Working Group
	<i>H-M-L</i>	<i>Details</i>	<i>H-M-L</i>	<i>Details</i>		
Example: Combined heat & power opportunity	Medium		Low			Electricity Supply & Generation
Dane County Energy Efficiency Program	Medium	While it will reduce emissions from coal plants, they are largely outside of Dane Co.	Low	In a broad sense it helps adapt by reduce energy bills.	Ready to work with modeling, adaptation and public engagement working groups.	Energy Efficiency

Focus on Energy: 4 year period 2011 – 2014



- Generated sales of \$5.5 billion
- Generated 6,200 net job years (and 19,000 out to 2038)
- Increased net personal income by \$1.4 billion
- Generated \$638 million in economic benefits (gross state income), (and \$2.8 billion out to 2038)
- Generated \$6.66 in economic benefit for every \$1 invested

Dane County Office on Energy and Climate Change

Questions?

Comments?

Suggestions?

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