

# MidAmerican Energy Company

EnergyAdvantage® Efficiency Bid®  
Program Update

Cycle #09B

[www.midamericanenergy.com/ebid](http://www.midamericanenergy.com/ebid)



## Bid Cycle #09B Details

- RFP issued 4/1/2009
- Bids due 6/1/2009
- Bid approval date no later than 7/31/2009
- Incentive pool - \$250,000



# Results: Bid Cycles to Date

Project	Requested Incentive	kWh Savings	Therm Savings
Heat trace control	\$8,500	541,092	
Compressed air	\$70,284	2,000,000	
Cooling Tower Fan VFD	\$130,876	1,656,660	
Evaporator Optimization	\$29,716	495,261	
Energy Efficient Water Treatment	\$130,083	1,227,197	
Transformers, Motors, Drives	\$89,425	2,263,936	
Fan VFD	\$14,688	244,801	
Refrigeration Compressor VFD	\$61,300	1,226,000	
Injection molding barrel blankets	\$28,426	812,160	
Product Conveying	\$13,324	333,099	
EMS for refrigeration system	\$67,000	1,456,167	
Pump bypass	\$18,000	732,280	



# Results: Bid Cycles to Date (continued)

Project	Requested Incentive	kWh Savings	Therm Savings
Exhaust fan	\$4,000	384,480	
Rotary drum thickeners	\$28,134	548,045	
Power quality improvement	\$13,445	336,125	
Compressed air	\$79,523	1,622,924	
Hammer mill replacement	\$60,000	1,000,000	
VSD	\$26,000	538,000	
Compressed air	\$73,709	1,228,476	
Ventilation Control	\$15,016	375,400	
Refrigeration Compressor VFD	\$74,858	979,000	
Compressed air	\$22,000	200,000	
Pump/Fan VFD Control	\$122,534	1,236,000	
HVAC, Refrigeration & Lighting	\$11,466	254,800	



# Why Efficiency Bid?

- The Efficiency Bid program allows *customers* to request the exact incentive they need to implement an energy efficiency project.
- The customer acquires those funds through a competitive bidding process.
- Customers prepare a bid, in response to an RFP, in which they propose to save a specified quantity of energy in exchange for a specified incentive.



# How are bids selected?

- MidAmerican evaluates all the bids, then funds those that meet the cost-effectiveness criteria until all incentive funds for the bid cycle are exhausted.
- The maximum incentive awarded to a successful bidder is not limited and may include up to 100 percent of the available incentive pool for that bid cycle.



## Bid Ceiling Price

- MidAmerican will establish maximum \$/kWh and \$/therm guidelines.
- The evaluation will favor projects that have more cost-effective bid prices.
- Ceilings are \$0.11/kWh and \$1.00/therm.



# Eligibility Requirements

- Industrial customers with >1 MW demand or who purchase retail gas from MEC
- Measures must produce a measurable and verifiable reduction in demand and/or energy consumption.
- Measures must produce savings through an increase in energy efficiency.
- Measures must have a minimum useful life of 10 years.



# What makes a good project?

Most types of energy-savings technologies are eligible, such as:

- Motor/variable-speed drive systems,
- Compressed air system upgrades,
- Chiller and refrigeration upgrades,
- Process improvements and
- Lighting upgrades.



# Ineligible Measures

- Measures that rely solely on changes in customer behavior and require no capital investment
- Measures that merely terminate existing processes, facilities or operations
- Measures that reduce plug loads



# How are bids solicited?

- Periodically, MidAmerican will announce it is requesting proposals (or bids) for the Efficiency Bid program by issuing a Request For Proposal (RFP).
- The RFP is the official beginning of each bid cycle.



# Bid Cycle Deadlines

The deadlines for a bid cycle are:

- RFP issue date,
- Bid due date,
- Bid award date,
- Commence implementation date and
- Complete implementation date.



# Bid Cycles

<b>Bid Cycle</b>	<b>RFP Issue Date</b>	<b>Bid Due Date</b>	<b>Bid Award Date</b>	<b>Commence Implementation By</b>	<b>Complete Implementation By</b>
09B	Apr 1, 2009	Jun 1, 2009	July 31, 2009	July 30, 2010	Aug 1, 2011
09C	Jul 1, 2009	Sept 1, 2009	Oct 30, 2009	Nov 1, 2010	Nov 1, 2011
09D	Oct 1, 2009	Dec 1, 2009	Feb 1, 2010	Feb 1, 2011	Feb 1, 2012
10A	Dec 31, 2009	Mar 1, 2010	Apr 30, 2010	Apr 29, 2011	May 1, 2012
10B	Apr 1, 2010	Jun 1, 2010	Jul 30, 2010	Aug 1, 2011	Aug 1, 2012
10C	Jul 1, 2010	Sep 1, 2010	Nov 1, 2010	Nov 1, 2011	Nov 1, 2012
10D	Oct 1, 2010	Dec 1, 2010	Feb 1, 2011	Feb 1, 2012	Feb 1, 2013
11A	Dec 31, 2010	Mar 1, 2011	Apr 29, 2011	May 1, 2012	May 1, 2013
11B	Apr 1, 2011	Jun 1, 2011	Aug 1, 2011	Aug 1, 2012	Aug 1, 2013
11C	Jul 1, 2011	Sep 1, 2011	Nov 1, 2011	Nov 1, 2012	Nov 1, 2013
11D	Sep 30, 2011	Dec 1, 2011	Feb 1, 2012	Feb 1, 2013	Jan 31, 2014



# How do you submit a bid?

- When an RFP has been issued, the sponsor completes a bid application form.
- Application, complete program rules and guidelines are available from the MidAmerican Web site.
- The signed original bid proposal form must be submitted by the due date to the program contractor (Nexant, Inc.).



# Bid Proposal

Customer submits a bid proposal, detailing:

- The project,
- How much energy it saves,
- The amount of incentive dollars required to implement the project and
- Any data that will assist us in technically evaluating the bid.



# Bid Award Notification

- All bidders are notified in writing of the outcome of their bids no later than the published bid notification date.
- Successful bidders will be given instructions and next steps.
- Unsuccessful bidders will be given feedback to possibly strengthen their bids for the next bid cycle.



# Standard Program Agreement

- Successful bidders will be required to sign a standard program agreement prior to implementing measures.
- Agreement details the contractual arrangement between MidAmerican and the sponsor.
- Only one agreement is required per sponsor. All subsequent bids submitted will be listed as attachments to the agreement.



# Measurement and Verification

- All projects will be subject to verification of savings.
- Final project incentive payments will be adjusted to reflect verified savings.
- Pre- and post-installation inspections will be required to establish energy consumption baselines.



# Incentive Payments

- Incentives will be paid to successful bidders in two payments.
  - *Installation payment* equals 50 percent of the eligible incentive and is paid upon project installation.
  - *Performance payment* is based upon the energy-saving performance of the project and is paid upon completion of the project M&V. This payment can be as much as 125 percent of the original requested incentive.
  - Care should be taken when estimating savings for a bid since the final incentive will be based on the verified energy savings, not the submitted energy savings.



# Efficiency Bid Contacts

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