

2009 ON-FARM RENEWABLE ENERGY PRODUCTION SURVEY

Form Number: 08-A62
(09/10/08)



National Agricultural
Statistics Service

Please return your
completed report to:

Census of Agriculture
1201 East 10th Street
Jeffersonville, IN 47132

OFFICE USE ONLY

0010	0011	0016

Please make corrections to name, address, and ZIP code if necessary.

Everyone who receives a form **must complete and return** one by mail or via the Internet at www.agcensus.nass.usda.gov. Your report is due by **xxxxxxxx**. To fill out the paper form, use a black or blue ballpoint pen. **Duplicate forms?** If you received extra report forms for the SAME farming operation, return all report forms in the same envelope with this completed report. Questions? Call us toll-free at **1-888-424-7828**.

NOTICE: Response to this inquiry is required by law (Title 7, U.S.Code). By the same law, YOUR REPORT IS CONFIDENTIAL and it will only be used for statistical proposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

SECTION 1 INTRODUCTION

1. Did this operation produce any electricity, energy or fuel using **wind, solar, methane**, or any **other renewable energy** production device during 2009? **Include** any on-farm renewable energy produced on land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization named on the label above.

- Yes** – Continue **No** – Go to Section 6

SECTION 2 WIND TURBINES

1. Did this operation **own** any wind turbines that generated electricity during 2009? **Exclude** turbines on this operation under a wind rights lease agreement.

- Yes** – Complete this section **No** – Go to SECTION 2

2. How many wind turbines did this operation **own**?.....

Number

Average per Turbine
(Kilowatts)

OR

Total for All
Turbines
(Kilowatts)

a. What was the rated generating capacity of all turbines owned?.....

3. Does this operation have the ability to supply electricity back to the grid?

Yes – Continue **No** – Go to item 5

4. Was any of the electricity produced by turbines on this operation in 2009 sold onto the grid?

Yes – Continue **No** – Go to item 5

a. How many kilowatt hours were sold onto the grid in 2009? Kilowatt Hours

b. What was the payment received for electricity sold onto the grid in 2009? Average per Kilowatt Hour (Cents) **OR** Total (Dollars)
 \$

5. How much was saved on your 2009 utility bills by having the turbines? \$ Amount saved in 2009 (Dollars)

6. What year was the most recent turbine installed? **Exclude** turbines installed under a wind rights lease agreement. Year

7. What was the total installed cost (the initial or start-up investment) for all wind turbines owned on this operation? **Include** outside funding. Dollars \$

a. What was the total dollar amount received for installation from outside funding? **Include** federal, state, local, and private funding; **exclude** loans. Dollars \$

SECTION 3 SOLAR PANELS

1. Did this operation own any solar panels in 2009?
 Yes – Complete this section **No** – Go to SECTION 3

2. Did these solar panels generate electricity?
 Yes – Continue **No** – Go to item 6

3. What was the total maximum power rating of all the solar panels? Watts **OR** Kilowatts

4. Does this operation have the ability to supply electricity back to the grid?
 Yes – Continue **No** – Go to item 6

5. Was any of the electricity produced by solar panels on this operation in 2009 sold onto the grid?
 Yes – Continue **No** – Go to item 6

a. How many kilowatt hours were sold onto the grid in 2009? Kilowatt Hours

b. What was the payment received for electricity sold onto the grid in 2009? Average per Kilowatt Hour (Cents) **OR** Total (Dollars)
 \$

6. Were any of the solar panels on this operation used for
 Heating water (thermal) Heating buildings (thermal) Fence chargers
 Solar lights Pumping water Other, Specify _____

Amount saved in 2009 (Dollars) \$

7. How much was saved on your 2009 utility bills by having the solar panels? \$

8. What year were the most recent solar panels installed? Year
9. What was the total installed cost (the initial or start-up investment) for all of the solar panels owned on this operation? **Include** outside funding. Dollars
- a. What was the total dollar amount received for installation from outside funding? **Include** federal, state, local, and private funding; **exclude** loans. Dollars

SECTION 4 MANURE/METHANE DIGESTERS

1. Did this operation own any manure/methane digesters in 2009?
 Yes – Complete this section **No** – Go to SECTION 5
2. How many manure/methane digesters did this operation own? Number
3. What is the total capacity (cubic meters of gas) of these digesters? Cubic Meters
4. Was electricity generated from the methane?
 Yes – Continue **No** – Go to item 7
5. Does this operation have the ability to supply electricity back to the grid?
 Yes – Continue **No** – Go to item 7
6. Was any of the electricity generated from digesters on this operation in 2009 sold onto the grid?
 Yes – Continue **No** – Go to item 7
- a. How many kilowatt hours were sold onto the grid in 2009? Kilowatt Hours
- b. What was the payment received for electricity sold onto the grid in 2009? Average per kilowatt Hour (Cents) **OR** Total Dollars
7. Was the methane produced used for heat and/or heating water in 2009?
 Yes **No** Amount saved in 2009 (Dollars)
8. How much was saved on your 2009 utility bills by having the digesters? Dollars
9. Were there any natural gas pipeline sales in 2009?
 Yes – Continue **No** – Go to item 11
10. What was the total payment received from sales to the pipeline in 2009? Dollars
11. Was the methane produced used for any other purpose?
 Yes, Specify _____ **No**
12. What year was the most recent digester installed? Year

13. What was the total installed cost (the initial or start-up investment) for all digesters owned on this operation? **Include** outside funding. Dollars
- \$
- a. What was the total dollar amount received for installation from outside funding? **Include** federal, state, local, and private funding; **exclude** loans. Dollars
- \$

SECTION 5 LIQUID BIOFUELS

1. Were any liquid biofuels (biodiesel, ethanol, etc.) produced on this operation in 2009?
 Yes – Continue **No** – Go to SECTION 6
2. How many gallons of liquid biofuels were produced in 2009? Gallons
- | | |
|-------------------------------|--|
| a. Biodiesel | |
| b. Ethanol | |
| c. Other, Specify _____ | |

SECTION 6 OTHER INFORMATION

1. What other forms of energy or electricity were produced or generated on this operation in 2009?
 Geothermal Mechanical (windmills, water wheels, etc.)
 Hydroelectric Other, Specify _____
2. Did you have an energy audit performed?
 Yes **No**
3. Did you receive any **federal funding** (grants, loans, etc) for the installation of your on-farm renewable energy devices?
 Yes **No**

SECTION 7 CONCLUSION

COMMENTS: _____

Respondent Name: _____ Phone: _____ Date: _____

Thank you for your response.

For Office Use Only

Response	Respondent	Mode	R Unit	Enum.	Eval.

1-Comp 2-R 3-Inac 4-Office Hold 5-R – Est 6-Inac – Est 7-Off Hold – Est 8-Known Zero	9901	1-Op/Mgr 2-Sp 3-Acct/Bkpr 4-Partner 9-Oth	9902	1-Mail 2-Tel 3-Face-to-Face 4-CATI 5-Web 6-e-mail 7-Fax 8-CAPI 19-Other	9903	0921	0098	0100
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