

Publication List

BIBLIOGRAPHIES

Annotated bibliographies from the Small Farm Energy Project. Most bibliographies are two or three pages. Order by number. \$.25 each.

- | | | | |
|------------------------------------|--------------------------|------------------------------|--------------------------|
| 1. Alternative Energy-General | 6. Energy in Agriculture | 13. Land Applications, Waste | 19. Solar Food Drying |
| 1B. Alternative Energy Periodicals | 7. Farmers Market | 14. Methane Energy | 20. Solid Waste Handling |
| 2. Bio-Fuels, Alcohol | 8. Films, Energy | 15. Organic Farming | 21. Technology, App. |
| 3. Composting-General | 9. Food Coops | 16. Small Scale Agriculture | 22. Tillage, Minimum |
| 4. Composting-Toilets | 10. Gardens, Community | 17. Solar Energy, Ag. | 22C. Underground Homes |
| 5. Energy Conservation | 11. Greenhouses, Solar | 18. Solar Energy Gen. | 23. Wind Energy |
| | 12. Heavy Metals, Sludge | 18B. Solar Water Heating | 24. Wood Energy |

ENERGY CONSERVATION

—“Farm Energy Conservation Checklist”. An Energy Project Checklist for dry-land farming operations with energy saving tips for farm yard, farm buildings, fuel handling, dairies, tractors and other areas outside the home. 2 pages \$.25

—“Home Energy Conservation Checklist”. A result of listing of home energy saving steps. \$.50

BROCHURES

—Center for Rural Affairs Annual Report—Summarizes the overall policies and activities of the Center, sponsoring agency of the Small Farm Energy Project. 10 pages.

—Small Farm Energy Project Brochure, “Final Report Summary”, summarizes preliminary research findings, energy innovations used on cooperative farms, and energy projections, besides a publication list.

NEWSLETTER

—Small Farm Energy Project Newsletter. This Newsletter is published bi-monthly for \$5/year. It is designed to disseminate information on renewable alternative energy sources for small farms. Sample, \$.50; subscription, \$5/year. Canada and foreign subscriptions, \$7/yr.

PROJECT FOCUS & PRIMER

—Project Focus, a series of fliers on energy alternatives used to lower energy costs for Energy Project cooperators, including solar, wind and other innovations. \$.50 each

#1. “The Kaiser Wind Electric System”. Connecting a wind system to the REA.

#2. “The Fish Solar Grain Dryer”. Describes 3 solar systems on round grain bins, 6000 bu. and smaller.

#3. “The Vertical Wall Solar Collector” is a flier on solar energy for heating several different types of homes.

#4. “The Fish Solar Greenhouse”. A description of the solar and wood heated greenhouse attached to the home.

#5. “The Solar Food Dryer & Window Box Collector”, describes one type of food dryer used by Project cooperators, in addition to the solar window box used for space heating.

#6. “Heating With Wood.” Home-built and commercial systems.

#7. “Solar Water Heating”. This focus discusses various types of water heaters used on primarily dairy barns at the Energy Project.

#8. “Composting of Farm Manure”. Composting is recognized as a process of handling manure with the potential of conserving nutrients and lowering fertilizer purchases.

#9. “Solar Farrowing Barn”, an analysis of a solar system retrofitted to an old barn used for farrowing hogs.

#10. “Portable Solar Collector”. This collector is on wheels and is used for home heating and grain drying.

#11. “Farm Energy Conservation” includes discussion on conservation of energy in the home and on the farm.

—“Small Farm Energy Primer”, includes all of the Project Focus and special report on methane. Over 50 pages. \$3.00

RULES OF THUMB AND PLANS

—“Solar Grain Drying, Rules of Thumb” includes suggestions for air gaps, paint, and other construction points for building the “wrap-around” solar grain dryer mounted to a round steel bin. \$.50 (See also Project Focus #1.)

SFEP Primer, 7/80

—“Vertical Wall Solar Collector, Rules of Thumb” includes construction suggestions for the vertical wall collector, including paint details, air gaps, fan sizes, wiring and much more. \$.75 (Ask for Project Focus #3 also.)

—Portable Solar Collector Plans, includes 23-8 1/2 x 11 pages of notes and sketches of the 10 ft. x 24 ft. portable collector used for home heating and grain drying. \$2.00

—Solar Window Box Plans, developed by the Small Farm Energy Project for building a window size solar heater for around \$35 if new material is required. For heating one room. Includes blueprint, construction steps and material list. \$2.50

—“The Stark Solar Heat Storage System”. A description, including design details, of the rock heat storage system used by Ken Stark (Project Focus #3) with his 220 sq. ft. vertical wall solar collector. \$1.00

REPRINTS & REPORTS

—“Final Report” of the Energy Project is a full discussion of the Project’s three year research effort. Includes “Energy Primer”. \$5.00

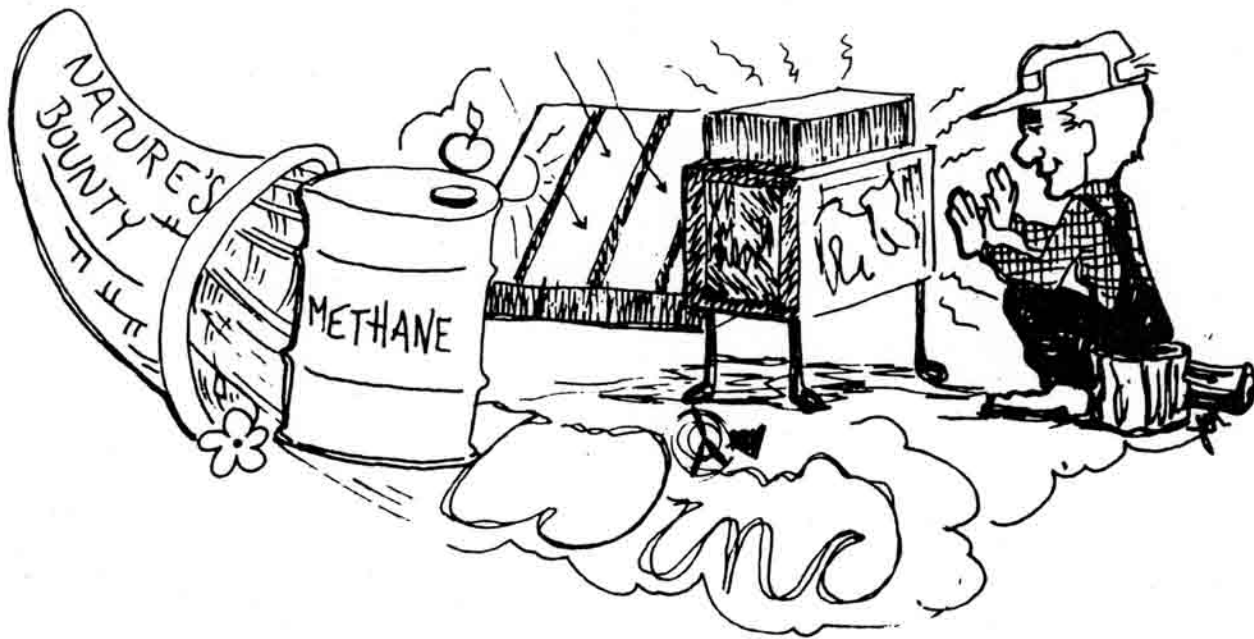
—“An Analysis of Farm Methane”, a report on the results of a study of farm produced methane. A proposed methane project was cancelled due to high capital cost and low return on investment. 4 pages. \$.50

—“An Analysis of Farm Alcohol Fuel”, a brief overview of the various considerations required for implementing farm alcohol production, including discussion of economics, net energy, and various technologies. 4 pages. \$.50

—“Alcohol As A Fuel”, a special reprint of articles from back issues of SFEP News describing potentials of farm alcohol production. 10 pages. \$.75

Publication Order Form

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More Information

The Energy Project maintains several tools of communication to provide small farmers with energy information.

A bi-monthly **newsletter** is published for \$5 per yr.; \$7 foreign and Canada.

A **news column** is available on a regular basis to newspapers and other publications.

A 17-min. **slide/tape program** on the Energy Project is available for \$10 rental, \$100 purchase. Call or write for scheduling.

A **library** is maintained at the Hartington office on farm energy saving techniques and is open to the public.

Special **farm tours** are conducted to see energy innovations.

For **additional information**, complete the coupon below. See opposite side for ordering publications.

NAME: _____

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Center for Rural Affairs

Ph. Number: 402-254-6893 P.O. Box 736
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