

Utilities may insulate your home free

The state's utilities will help you insulate your home, if you don't make much money.

Insulation Outreach is the name of a program offering free (repeat, free) insulation to people who need it but can't afford it.

You have to meet several criteria, but if you can, your home will be warmer in winter and cooler in summer.

The first, which you probably meet if you are reading this column, is that if you must use gas to heat your home and be a customer of Consumers Power or Michigan Consolidated Gas.

If you are an electric customer of Consumers or Detroit Edison and use something other than gas to heat your home, you still qualify.

You must also receive some sort of public assistance, such as ADC, general assistance, Supplemental Security Income, Emergency Needs Assistance or energy assistance.



energy
Barry
Jensen

Still with us? The next one's easy. You have to live in a great big attic through the ceiling or at least partially. And the building to be insulated must be no more than three stories high.

You also must need insulation so badly that the free insulation will pay for itself in seven years. This isn't all that difficult, but it rules out people who already have two feet of insulation above their ceilings.

IF YOU are a renter, you must have the landlord's written permission to install insulation.

The utility will supply enough insulation to bring the ceiling up to R-19, the recommended minimum. The insulation may be installed by you, your friends, a volunteer group or service organization. Some people may qualify for free installation by a contractor. Call your local utility if you are interested.

You then have to authorize the utility to verify your income.

YOU ALSO must agree to have a home energy audit performed in conjunction with the Home Energy Analysis Program so the utility can find out how much insulation your home needs. A home energy audit is \$10 well spent, anyway.

Once all the insulation has been installed, the utility must be allowed to inspect the insulation job. This, too, is a good idea, especially if you are installing the insulation yourself.

Seeking ways to ease America's dependence on oil, researchers at Michigan State University are developing a process to convert wood chips and sawdust into liquid fuel or raw materials for chemicals.

For years researchers have known that wood chips could produce glucose, a basic raw material in chemicals which can also be turned into ethanol, similar to the way corn can be used to make gasohol.

The problem has been finding the most commercially feasible method,

and researchers in two departments at MSU — chemical engineering and plant research — think they may have found it. The wood chips are dried and then treated with a hydrogen fluoride process — called HF fluoridation.

The two MSU departments are in the second year of a two-year federal grant and are hoping to receive another three years of funding to find out if their project is commercially feasible.

Wood, unlike oil, is a renewable resource, the researchers note.

Visit our showroom, latest fire detection, prevention, and protection on display.

HOME & OFFICE PROTECTION SPECIALS

SMOKEMASK: Now available — Smoke Mask — Escape from smoke filled room or building, 15 minutes breathing time, portable, lightweight, ideal for travelers. 5 year storage life. \$29.00

FIRE EXTINGUISHER: 2½ lb., ABC Dry Chemical, Heavy Duty. Or, Steel Escape Ladder, 15 ft. Or, Smoke Detector, Battery Operated. \$21.90

Visit our showroom, latest fire detection, prevention, and protection on display.

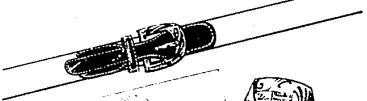
GALLAGHER FIRE EQUIPMENT

24895 Hathaway — Farmington Hills (turn at Sellers Pontiac) N. of Gd. River, W. of Halstead

477-1540

Lilly Pulitzer

RESORTWEAR & GIFTS for Ladies, Gentlemen and Children



Lilly
Remembers
Dad!!!

BLOOMFIELD HILLS • GROSSE POINTE WOODS • PETOSKEY

SALE! PATIO FURNITURE 10% to 50% OFF! HURRY & SAVE!



Lewis Pool & Patio

4405 Highland • Pontiac 48054

3 miles west of Telegraph - 647-4184

HOURS: Mon-Tues-Th-Fri: 10-8

Wed & Sat 10-6, Sun: 11-5

Super Siding Specials

We will beat
any written estimate.

Free estimates
cheerfully given.

- Aluminum,
- Steel, Vinyl
- & Wood Siding
- Aluminum Trim
- Seamless Gutters

Specialists in Vinyl Replacement Windows

- 6% to 12% Financing Available
- 5 Year Warranty on Workmanship
- 30 to 40 Year Warranty on Materials

State License Number 28006 and Fully Insured

Jerome Home Improvement

Phone 255-3264, 255-7833 or 255-3487
Nights 532-2743
24897 Puritan, Redford Township



The Garden Works LEAF HUMUS

Helps your soil return to "rich natural earth" like the forest floor.

Natural Soil Conditioner

Available at:

ANN ARBOR
Arboretum & Garden Center
3325 Washtenaw
971-4555

Carpenters Supply & Hardware

2735 Plymouth Road

Hertel Brothers

210 S. Bassey

423-2800

Nileson's Garden Store

1021 Madison Lane

3990 Jackson Road

True Value Hardware

2485 West Stadium Blvd

665-2800

Wurzburg Garden Gate

2010 Carpenter Road

671-2270

BELLEVILLE

Harry's Garden House

425-2775

BIRMINGHAM

Northwood Florist and Nursery

542-5760

BRIGHTON

Arboretum Nursery

1000 E. Grand River Blvd.

227-4171

DEARBORN HEIGHTS

English Gardens #1

22000 12th Street Rd.

562-3258

- higher yields
- fast root growth
- aerates the soil
- holds moisture
- offers many uses
- economical

PLYMOUTH

Almena's Florist & Garden Center

17031 E. Warren Ave.

443-5500

Bastion's Garden Center

5879 N. Ann Arbor Trail

423-3250

Raymond J. Chavrin Nursery

17202 E. Warren Ave.

652-3384

Maldrem Trucking & Garden

17214 E. Warren Ave.

654-2154

Dexter Mill

33150 12th Street Rd.

425-4821

FLAT ROCK

2001 Nursery & Garden Center

782-0727

GROSSE POINTE

Midway Garden Center

37705 Mack Ave.

442-3396

WESTBROOK

Ray Hunter Flowers

1515 W. Warren Ave.

242-2400

WEBSTON

English Gardens #2

6375 W. Warren Ave.

651-1700

WESTLAND

Chase Smith & Sons

423-1614

Westland Garden Center

32580 Cherry Hill

721-2200

Terrace Gardens, Inc.

29815 W. Warren Ave.

442-3200

YPSILANTI

Ciccarelli Farm & Greenhouse

7350 Washtenaw Rd.

442-3767

Harold Thomas Nursery

14200 W. 12th Street Rd.

421-5880

J.A. Binn & Son Hardware

2562 W. 12th Street Rd.

423-6117



Murphy's Law
according to Carlos Murphy.
Law #1

"EAT,
DRINK
AND BE
MURPHY."



Let's face it, there is only one Carlos. The most you can hope for is to be like Carlos, and that means living life with his reckless abandon. Throw guacamole to the wind. Put all your ribs in one basket. Count your chimichangas before they're hatched. Take the carne asada by the horns, stick your head in the beer's mouth — and leave it there.

At Carlos Murphy's, there's no such thing as too much of a good thing. With over 70 items to choose from, it's feast or forget it — on everything from Mexican extravaganzas to huge Hickory Smoked spreads.

You can't be Murphy without the spirit, and our lavish drinks will make you want to leap before you look. So come on in and we promise: you won't be arrested for impersonating a Murphy.



29244 Northwestern Hwy, Southfield, 352-6330
Open Daily from 11:00 a.m., Sunday Brunch 11:00 a.m.-3:00 p.m.

AMERICAN EXPRESS
Diners Club
Master Charge
Discover

The American Express Card
Don't leave home without it!