

Energy Alternatives Debated At LIT Forum

By CORRINE ABATT

SOUTHFIELD
The question on which University of Michigan professors Marton S. Hilbert and Marc Ross spoke at Lawrence Tech wasn't whether there is an energy crisis, but what to do about it.

Ross is a professor of physics. Hilbert, a professor of environment and industrial health, is chairman and associate director of the Institute of Environment and Public Health.

Hilbert's answer wasn't to lower the standard of living to donkey and candle power, but to further technological research.

However, Hilbert didn't sanction the inexactitude of energy which is at times akin to impulse buying.

Hilbert's stand against lowering the standard of living, but instead making better use of what is available and seeking ways of conserving energy, was based on the fact that the gross national product (GNP) is increasing at the same rate as consumption of power.

The U.S., with six per cent of the world's population, consumes 35 per cent of the world's power. If this seems

Admission Procedure Simplified

ROCHESTER
A personalized admissions plan has been developed by Oakland University to reduce the paperwork and delay associated with college admission.

Oakland admission counselors are visiting area high schools to interview seniors interested in attending OU in the Fall of 1974.

Counselors will interview students, review qualifications, and make admission decisions at the end of the interview.

Visits will be made to Southfield-Lathrup High on Monday, Oct. 29, and to Southfield High on Wednesday, Nov. 7.

An OU admission application can be obtained from the high school guidance office. A non-refundable \$15 application fee should be submitted along with an official transcript of high school grades and a counselor's recommendation.

Money Raiser For Fracassi

SOUTHFIELD
A fund-raiser for mayoral candidate Donald Fracassi will be held Oct. 26 in the Raleigh House in Southfield.

Tickets are \$12.50 for the affair scheduled for 5:30 p.m. The fund-raiser will feature Coney Island hot dogs, beer and a live band.

Buffalo Bob To Visit Mall

Buffalo Bob Smith, creator of the "Howdy Doody Show," will bring his television characters of 20 years ago to Tel-Twelve Mall, Telegraph Road and 12 Mile in Southfield, Oct. 25-28.

With a program oriented toward children and young families, Buffalo Bob reintroduces Clarabell the Clown and cartoonist Milt Neil.

The show consists of slap-stick comedy routines similar to those which appeared on the television program for 13 years. The audience will sing along with Howdy Doody song favorites and play trivia games.

unfair then Hilbert ches the life expectancy here as somewhere beyond 70 compared to a maximum age of 35 from underdeveloped countries.

"Maybe," he said, speaking about life here, "There is something to the life style we have in this country."

He follows with a sort of "waste not, want not" theme in explaining his "standards of variable constancies." This means a fewer across-the-board absolute rules in the area of conservation and more study of all factors and results.

"Fifty per cent of the energy produced in this country is wasted."

He questioned whether emission controls, which cause a 25 per cent loss in gas mileage, should be the same in Nevada as in Los Angeles where the smog shuts out the sun.

The opposition to construction of a power plant on the eastern shore of Lake Michigan is partly based on the effect it would have on the ecosystem, particularly fish in the immediate area where water temperature would be raised a degree or two.

"Ecology for whom?" asks Hilbert. "The fish who can swim to live two miles away or the people who will be freezing without power?"

He cited advances in science which have eradicated polio and perfected heart valve surgery. "Medical research has been charged with solving problems. We need to charge researchers to do the same for energy. I believe technology can be developed to solve the energy problems of this nation."

He listed some of the potential sources — solar power, geothermal power, thermal expansion, wind, tides and fusion.

The audience, mostly LIT students, was told by Hilbert: "We must reduce the waste of this nation by 50 per cent. It takes a crisis for us to say we really ought to get to work."

"We need to decide what kind of environment we want to live in and how much we are willing to pay for crystal clear air and land protection. We must do what is necessary for survival at a level which we as Americans choose."

Prof. Ross came up with a measure he feels is necessary. It probably won't be an immediately popular solution. He favors a rise in the price of energy.

"Energy is cheap so we use a great deal of it. The price is about the same as in 1947."

Many of the costs for research and development of new sources of energy are hidden in taxes, he maintained.

Essentially he was arguing persons have more respect for things that cost more. As an example, he wondered how many major industrial complexes and institutions would keep lights on 24 hours a day if the cost were raised, and if a men's room needs as much light as a drafting office.

An energy policy report developed by the Ford Foundation will soon be published. Ross has been involved in a segment of that research.

New energy sources present challenges, said Ross, as an example. The problem of re-establishing the land after the area is mined will have to be solved.

Crisis Center Gets Donation

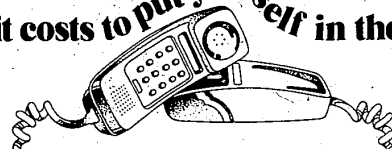
BIRMINGHAM
Common Ground has just received a check for \$8,000 from the Junior League of Birmingham, earmarked to pay the salary of a secretary.

And plutonium, a great source of energy, has toxic effects. Getting rid of that, Ross adds, is another challenge.

He mentioned more efficient use of available energy. He described using coal to make low content gas to power a turbine to create steam to run a steam turbine. Yet conversion to this rather complicated method, which makes almost total use of energy sources, probably wouldn't be installed by industry unless the present source became too costly.

While Ross favors changes in life style to conserve, car pools, turning off unneeded lights, and keeping home-heating a degree or two lower, none of these, he said, is as significant as changes made by technological advances.

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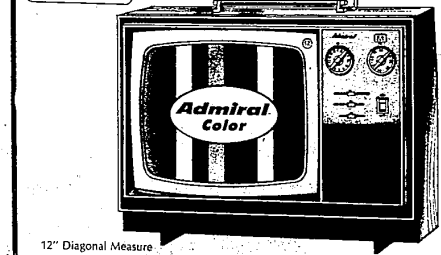
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