

Typical home can save \$180

Dialing down at night saves dollars

A typical Michigan household can save up to \$180 on its annual home heating bills by lowering the thermostat when residents are asleep or out of the house.

These savings — from lowering thermostats from 70 to 60 degrees for two eight-hour periods during sleeping hours and times when no one is home — will range from \$68-\$180 a year, according to a study by Honeywell's Energy Management Information Center.

The report is the first to apply winter 1980 Michigan fuel consumption and price data to the figures used by the U.S. Department of Energy to estimate how much money families can save by setting back thermostats.

The findings are based on data from the U.S. Department of Energy, the Federal Power Commission, the National Bureau of Standards, the Bureau of Census, the Energy Clearinghouse of the Michigan Commerce Department and Michigan utilities and fuel oil dealers.

How much a particular household can save depends on how far thermostats are lowered, insulation, the efficiency of heating systems, utility rates, climate and similar factors, the study said.

THE STUDY — one of 10 reports on fuel savings in the northeast and midwest — also provides a range of potential savings for families in four major Michigan cities. This savings range is generally representative of potential statewide savings, the study said.

The Honeywell Information Center is conducting these studies to focus attention on practical ways to save money by reducing energy use in homes, businesses and industrial facilities.

The potential savings are based on annual cost estimates for heating a typical-size house in Detroit, Grand Rapids, Lansing and Sault Ste. Marie. These cities were studied because they provide a reasonable range of costs, allowing for differences in geography,

temperature, utility rates and consumption patterns, the study said.

The costs are estimated for No. 2 heating oil and natural gas, the two principal fuels used for heating in Michigan.

The study found:

- A 10-degree dual reduction of temperature, for both sleeping periods and periods when no one is home, produces savings ranging from \$68 for a gas-heated house in Lansing to \$180 for oil-heated houses in Sault Ste. Marie.

- A five-degree dual setback, from 70 to 65, produces savings of \$42 for a gas-heated house in Sault Ste. Marie to \$117 for an oil-heated house in Detroit.

- A 10-degree night only setback produces savings of \$40 for a gas-heated house in Lansing to \$107 for an oil-heated house in Detroit.

- A five-degree night only setback produces savings from \$21 for a gas-heated house in Sault Ste. Marie to \$68 for an oil-heated house in Detroit.

The information center study cautioned the savings would best be assured if automatic-setback thermostats are used to make daily temperature adjustments. The Honeywell study pointed out that households with manual thermostats can achieve these setback savings, but often forfeit them by neglecting to turn down the temperature for periods when high heating levels are unnecessary.

The study also noted U.S. Department of Energy recommendations to use automatic-setback thermostats to make fuel conservation certain. The department has reported an investment in an automatic thermostat involves "some initial investment, but this outlay is more than repaid in dependability and energy savings over a period of time."

The typical cost of an automatic thermostat can be recovered in as little as one year, the study said. The Internal Revenue Service extends an "energy credit" of 15 percent of the cost.

Korean folk songs tell of unrequited love

By CORINNE ABATT

The appearance of Cecilia Chang of Bloomfield Hills on the Friday, Feb. 15, Nightingale with Mozart series will add a touch of Oriental glamor.

Mrs. Chang, a mezzo soprano, born and raised in Korea will sing a series of Korean folk songs in costume at the 11:30 p.m. chamber concert at Birmingham Unitarian Church.

She was trying to decide earlier this week whether to wear the red or gold dress and how to do her hair.

"It will have to be pulled back some way," she said, running her hands through her short curly black hair.

And while at that particular moment the outward trappings for the concert were of concern, her longtime interest in the folk music itself.

AFTER RECEIVING her bachelor's in music from Seoul National University, she completed her master's in music at the University of Oregon and continued her studies at Eastman School of Music in preparation for a doctorate.

She plans to briefly explain each song at the concert so the audience will be able to follow the sentiment, if not the words.

"Mostly they are sad love songs," she said. "Most of our literature is very sad. Koreans enjoy sadness more than happiness. I think, so the literature is very profound."

Mrs. Chang said that while Korean music is derived from Chinese music, Korean songs have more structure.

"Most of these (Korean) songs are very poetic — more like an art form. Chinese are very poetic word paintings, totally word paintings — their folk songs go on and on and on. In Korean folk songs there are a lot of nonsense syllables."

She compared them to English folk songs and the nonsense fa-la-las found in them.

In Korea, she said, the folk songs are sung and passed down from one person to another by the country people. Folk songs aren't heard in Seoul, but in the villages and fields where the poor people live and work. Incorporated in them are the customs and culture.

SHE DESCRIBED one which she will sing — a love song about two young people who love each other, but know they can never get together because other marriages have been arranged for them.

Another is about a husband who suddenly decides to leave his wife to marry another.

"A man may marry as many times as he would like," Mrs. Chang said. "In the countryside, yes, it is very common for a man to have concubines or more than one wife. No male child is reason for divorcing a wife or taking a second wife."

While the divorce may be convenient for the man, she went on to explain, it just about ruins the woman's life.

"She becomes totally a second class citizen," she said of the divorced women. "When I was raised women were supposed to speak soft, walk soft and not have any opinions."

Now, Mrs. Chang who made the transition from that culture to the American way of life can smile and sometimes joke about it.

Her life in Korea provides her with the understanding of the tales and passion portrayed in these folk songs. Her graduate degrees prepared her for a career as a soloist and teacher.

IN APRIL of last year she gave a

recital at the community House in which she sang both selections from opera and Korean folk songs. She teaches voice and piano and frequently sings with local church choirs. But, it is the recital and concert work which she particularly enjoys.

The program will also feature series founder and director, Misha Rachlevsky, violin and Miss Lang in the Grieg Sonata for violin and piano and four mazurkas by Wieniawski.

Doors open at 11 p.m. Refreshments and a reception follows the 45 minute concert. Tickets are \$5. For concert information, call 851-8934.

obituaries

WILLIAM MORRIS

Mr. Morris, 51, of Southgate, died Feb. 6.

Born in Indiana, he lived in Southgate for three years and Farmington for 20 years. Mr. Morris was a foreman for the Ford Motor Co.

Survivors include: daughters, Mrs. Linda Pierce, Karen; sons, Norman, Steven, Ronald; parents, Dale and Maude Morris of Farmington; sisters, Mrs. Mary Duren of Farmington, Mrs. Jean Freidell of Farmington; brother, Donald of Inkster; one grandson.

Services were Feb. 11 in Thayer-

Rock Funeral Home. David A. Baynes of Kenwood Church of Christ officiated. Burial was in Parkview Cemetery. JOSEPHINE E. BOESE

Mrs. Boese, 103, died Feb. 8 in Detroit Baptist Manor, Farmington Hills. She was born Nov. 8, 1876 in Missouri. She married William C. Boese Jan. 1, 1922.

Survivors include: daughters, Mrs. Esther Brown of Berkeley, Mrs. Rena Putnam of Farmington Hills, Mrs. Agatha Fischer of Marlette; six grandchildren, 17 great-grandchildren and five great-great-grandchildren.

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