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GERALD R.

November 26, 1975



Shunk, Vice-president, Lancaster Division of PP&L, David G. Heisey, President of David G. Heisey Inc. of Elizabethtown, and John J. Dobosh, Project Co-ordinator for PP&L.



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## **PP&L** solar house to be built here

The first step was taken toward construction of an energy-efficient home when ground was broken for the project November 21 at "Pleasant View Estates" near the Manheim-Mount Joy Interchange of Route 283 in Rapho Township.

According to John J. Dobosh, PP&L Project Coordinator, "The house being built and owned by David G. Heisey, Inc., Elizabethtown, will incorporate the latest concepts in insulation and heating known today. We hope to bring the ideas before the public for their inspection and use in future home construction."

The two-story English tudor-style home will have three bedrooms, two and a half baths, living room, recreation room, dining room, kitchen and attached two car garage. The 2,000 square foot house will utilize

Energy from solar panels will supplement the heat pump system and the domestic hot water heating system. The solar collectors will also act as a privacy screen for the patio area. The panels are manufactured by Enviropane, Inc. of Lancaster.

The latest technology in insulation will be used with one inch tongue and grooved styrofoam exterior sheathing and full thick insulation in the walls. The attic will have 10 inches of fiber insulation blown in. Urethane foam will be used to seal cracks around doors and windows. Triple glazed windows will be installed instead of the standard double panel models which are much more common.

A ventilation hear exchanger will provide controlled amount of fresh air and recover heat from

air-tight home. Ventilators will also be installed to provide outside combustion air to the base of the fireplace. A glass fireplace screen will be installed to eliminate the use of heated room air for combustion.

Dobosh said that completion is expected in early spring. Soon after that the home will be open to the public for inspection throughout the summer of 1976. The builder is cooperating with PP&L and will use this bicentennial year project as an example of how to conserve energy.

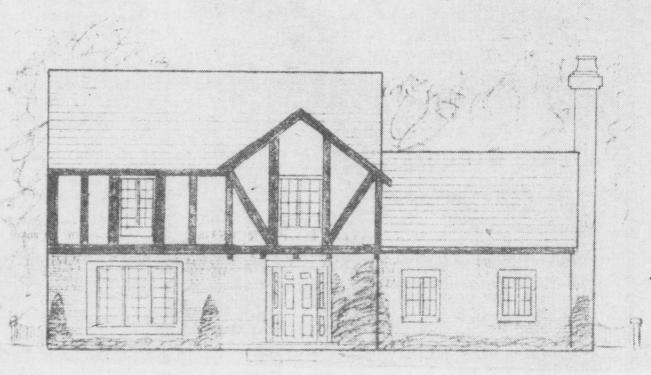
"Upon completion we will have an excellent example of an energy-efficient home for inspection by builders and prospective home buyers. Something to look at and see the latest developments in conservation techniques for future American homeowners,"



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a heat pump for the basic exhaust air in the virtually warm air heating system.

concluded Dobosh.



## Jr. High parents invited to DHS

Parents of all eighth grade students at W. I. Beahm Junior High School are being sent invitations to visit Donegal High School during the month of December for an orientation program to learn more about the high school curriculum

and the activities program. Parents are urged to arrive at the high school at 11 a.m., on the day designated on the invitation for a briefing by administrators and counselors.

After lunch in the high

school cafeteria, they will be guided into regularly scheduled afternoon classes.

At the end of the day they will meet in small groups with counselors and administrators to review the program and have a question and answer session.