From GEORGIA TECH'S
ENGINEERING EXPERIMENT STATION
Atlanta, Georgia 30332

Contact: Jim Donovan/Sharon Sebaly
Publications and Information Office
(404) 894-3405

Peggy Simcic Brønn/J. B. Shaw
(404) 894-3412

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GEORGIA TECH TO SEND ENERGY AID NORTH

ATLANTA, GA...Georgia Tech's Engineering Experiment Station has contracted
to help an Ohio city find ways to use waste steam from the city's electric
generating plant to heat local homes and businesses.

Beginning sometime this summer, EES will undertake the energy
conservation project for the city of Piqua, Ohio, a small Midwest city located
on the Miami River. The major aim of the project is to determine the
economic and technical feasibility of adapting the city's homes, businesses
and coal-fired electric generating plant so that waste steam from the plant
can be used for heat. The project is being funded by the Department of Energy.

According to David Wade of EES, two methods of using the waste steam
are currently being considered. In the first, waste steam from the generating
turbines in Piqua's electric plant would be piped directly to radiators or
heating coils in homes and businesses in the city. In the second, the waste
steam would be used to heat water which would then be piped to the radiators
and heating coils. Heat from this steam is now discharged into the Miami
River.

Piqua is one of eight locations in the Midwest and Northeastern
United States selected by DOE to participate in energy conservation projects of
this type. These projects represent the first phase of a program leading to
the possible construction of central heating systems for entire communities using
waste heat from electric power plants.
ENERGY AID NORTH

This energy conservation concept, known as cogeneration, would increase the operating efficiency of power plants and lessen dependence on limited fuels such as natural gas and oil.

Wade points out that central heating systems have been used for some years in Europe where fuel prices are almost double what they are in the United States.