

Peat heat?

Finns holding energy technology seminars

United Press International
NEW YORK — The energetic Finns are staging three seminars in the United States this month trying to sell American communities on Finnish technology for better energy production and use. They are concentrating on three fields: district heating, using peat as fuel and the development of economical, small hydroelectric generators.

The first seminar is being held in Washington this week, the second in New York next Tuesday and the third in Chicago Jan. 25. The federal Department of Energy is co-sponsoring the programs.

None of the technology the Finns will be describing is radically new, but because of the geographical peculiarities of their country, the Finns have developed expertise and hardware in these areas that they feel the United States could make use of.

Take district heating. In New York, although Consolidated Edison Corp. has piped steam to apartment houses and other buildings in Manhattan for decades, most Manhattan buildings have their own heating plants.

The idea of selling steam heat as well as electricity all over their marketing areas has barely come to the notice of most American utilities.

By contrast, almost 20 percent of the buildings in Finland are heated by steam supplied by the electric power industry. In some Finnish cities, 50 percent of all heating steam is supplied from central plants.

The Finns believe many American utilities could use their technology to produce and market steam for district heating along with electricity at a profit. Speakers at the seminars will discuss the engineering and cost factors involved.

Even though Energy Secretary James Schlesinger has urged American utilities to burn gas temporarily and delay conversion to coal, the

Finns believe the United States ultimately should utilize peat as well as coal to generate energy as petroleum fuels become more scarce.

The United States has a lot of peat as well as coal and lignite. The biggest deposits are in Minnesota, Wisconsin and Michigan. Peat accounts for only 2 percent of Finland's energy generation (in contrast with one-third for Ireland) but there has been a dramatic increase in the past three years. The Finns have developed improved boiler furnaces for burning peat and they believe some American communities could use their skills and even their hardware to great advantage.

There is growing criticism in the

United States of small fossil-fired electric generating plants on the grounds they are economically inefficient. On the other hand, the Finns say small hydroelectric plants have proved extremely efficient in their country with its thousands of lakes.

For some years it has been widely accepted that the United States already has used up nearly all its economically feasible hydroelectric sites. But a recent joint report by the Federal Energy Regulatory Commission and the Development & Resources Corp. said U.S. hydropower output could be tripled or quadrupled if available small waterpower sites could be exploited economically.

Job pool draft law suggested

United Press International
LINCOLN, Neb. — Rep. John Cavanaugh, D-Neb., Monday said an ancient nation is prepared to introduce legislation within a month calling for draft-peak production of men and women age 18 to 26 of the military or other federal public service jobs.

Cavanaugh proposed the plan, which he calls the Universal Service Earnings System, in a letter to President Carter Friday, but said he would introduce the bill if with or without Carter's support was tenuous.

The 2nd District congressman thought Western Soviet troops would be developed the plan because of his concern over the "deteriorating sense of obligation of young people toward government, added to the financial burden of the alliance capable of volunteer military force and the deteriorating nature of the armed forces as a whole.

Under the plan, all teen-agers would register with the federal government before their 18th birthday and indicate a six-month period between their 18th and 26th birthdays they would be available for military service.

The West, chosen by a random process, a south, Afghanistan would be inducted for two years and service with the government. If chosen within the six-month period, the obligation would end.

Persons would be able to choose whether they wanted military or civilian employment. A pool of about 4 million low-cost personnel could be available at any one time, Cavanaugh said.



Guy's & Gail's

4103 S. TEXAS AVE.
Bryan Place Bldg.
Suite 208

846-5018

Saturdays by Appointment
10% DISCOUNT ON STYLES OR MERCHANDISE WITH THIS AD

THE TEXAS A&M FLYING CLUB

IS SEEKING ADDITIONAL
FLIGHT INSTRUCTORS
TO MEET INCREASING DEMAND
FOR FLIGHT INSTRUCTION

- NOW OPERATING SIX AIRCRAFT -
IF YOU ARE INTERESTED PLEASE CONTACT:
DR. HOWARD CHAMBERLAIN 845-6914
STEVE BROWN 693-6725

JIM BARRETT'S HAIRSTYLING

Back to School Special
Shampoo Haircut Styling

Reg. \$10⁰⁰
with this coupon \$2.00 Off
By Appointment only
Call 822-5131

UNIVERSITY REFRIGERATORS

FREE PICK-UP
&
DELIVERY

846-8350

The Texas A&M Tae Kwon Do Club Presents

KARATE

DEMONSTRATIONS — REGISTRATION

ROOM 256 7 P.M. MONDAY-THURSDAY
G. Rolie White Coliseum EACH NIGHT JANUARY 15-18

Demonstrations & Classes By:

Steve Powell 3rd Degree Black Belt Texas Karate Champion
Nationally Recognized Competitor & Instructor

For Information Call: 846-3013

Sale

3 Big Days Thur.-Fri.-Sat.
For Guys

Brittania Jeans
Special Group
Val. to 24.00

LEVI'S Fresh Produce
Val. to 22.00

Levi's Pre-Washed Movin' On
Entire Stock

Men's Sweaters
V-Necks, Ski Styles,
Lightweights & More

Men's Shirts
Long Sleeve
Short Sleeve
Special Group

15⁸⁸

15⁸⁸

20% OFF

20% OFF

20% OFF



For Gals
Tops **20% OFF**

Entire Fall Stock
Several Brands
Many Styles & Colors

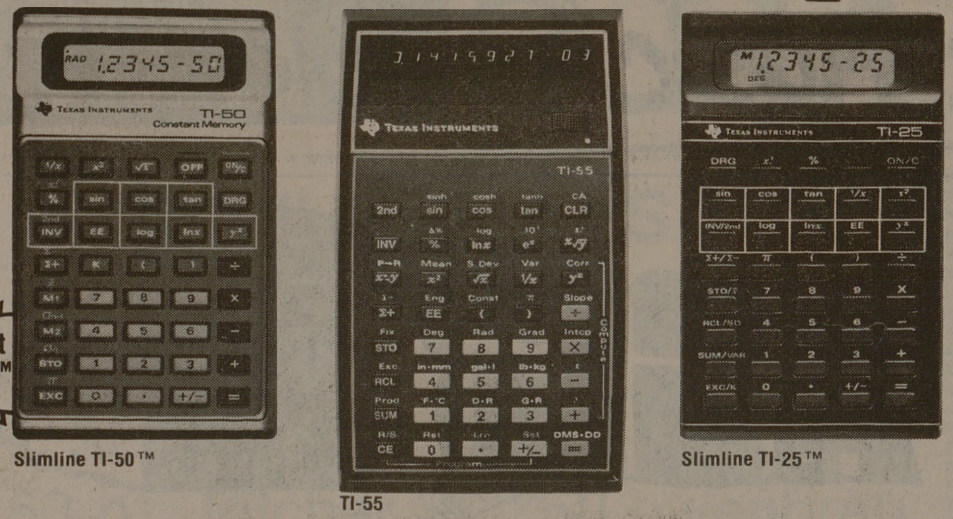
Jeans **15% OFF**
Denim, Polyester
Blends, Ass't.
Colors. Straight
Legs & Flares



TOP DRAWER

3733 E. 29th St. 1705 Texas Ave. South
Town & Country Center Culpepper Plaza
846-0201 693-9393

All-star lineup.



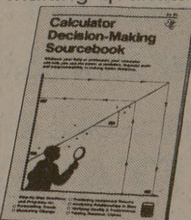
Performance and price are the keys in choosing a calculator. One of these Texas Instruments slide-rules is right for you.

Capability, Quality, Value. The right combination can help you make short work of problems in fields like math, engineering, science and business statistics and give you more time for other important things. Choose the TI calculator that's right for you and get ahead of the game.

TI-55. Advanced slide-rule functions with statistics, programmability and valuable problem-solving applications book.

The versatile TI-55 calculating system is packed with the features and functions you need to handle almost any mathematical operation, from logarithms and trigonometry to advanced statistical problems. Thirty-two steps of programmability add new dimensions of accuracy, speed and ease to performing repetitive calculations and "what-if" analyses. You just teach the TI-55 a series of operations and it performs those steps for you.

For more help in making quantitative decisions, the TI-55 comes with the **Calculator Decision-Making Sourcebook**, a \$5.00 value. The book, 140 pages of easy-to-understand, real-life applications.



shows you how to use the power of statistics, financial math and programmability in analyzing relationships in data, verifying quality and performance, measuring change, forecasting trends and projecting returns... in short, how to make better decisions, today and tomorrow. Calculator and book combination, only \$50.00*.

Slimline TI-50. A powerful, stylish slide-rule with new Constant Memory™ feature.

The pocket-portable Slimline TI-50 is today's most powerful liquid crystal display (LCD) slide-rule calculator. It has 60 functions including common and natural logarithms and six trigonometric operations that can be performed in three angular modes (degrees, radians or grads).

Seven built-in statistical functions make it easy to "boil down" large amounts of data so you can perform accurate analyses and draw reliable conclusions.

Two constant memories retain their contents even when the calculator is turned off, so frequently used constants and other basic values are at your fingertips when you need them.

Two miniature batteries provide over 1000 hours of operation in normal use; TI's APD™ automatic power down

feature helps prevent accidental battery drain by turning off the calculator after approximately 10 minutes of non-use. With imitation leather wallet, \$40.00*.

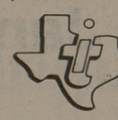
Slimline TI-25. Slide-rule power at a small price.

Economy and value go hand-in-hand with the Slimline TI-25, a pocket-portable LCD scientific calculator that has what it takes to handle advanced math. It provides the most-needed slide-rule functions. Trigonometry in degrees, radians or grads. Plus basic statistical power, too: Mean, Variance, Standard Deviation.

Three levels of parentheses can handle up to three pending operations to make your work easier. Four-key memory allows you to store and recall values, add-to memory contents and exchange stored and displayed numbers.

The TI-25 goes far on a pair of miniature batteries—includes APD™ circuitry. Vinyl wallet included, \$33.00*.

See the complete lineup of Texas Instruments slide-rule calculators at your dealer today. There's one exactly right for the work you're doing.



Texas Instruments technology — bringing affordable electronics to your fingertips.

TEXAS INSTRUMENTS
INCORPORATED

*U.S. suggested retail price
© 1979 Texas Instruments Incorporated