

Waste heat facilities set

Waste heat recovery equipment, valued at more than \$350,000, will be installed at facilities in Unalaska and Ouzinkie, according to project manager John Stafford, Alaska Power Authority spokesman. Monitoring equipment will also be installed on existing facilities at the Chandalar camp on the haul road, and at Wainwright on the Arctic coast," Stafford said.

The construction at all four sites is part of the rural waste heat recovery demonstration project funded last year by the state legislature. The consulting firm of Raj Bhargava Associates will write a final report on the project after a one-year monitoring period. The report will be used by community officials in rural Alaska to determine the advantages of installing waste heat recovery equipment. According to Stafford, the reports should be available by November 1982.

One third of the potential energy in diesel fuel is converted to electrical power by diesel generators. The other two thirds are lost as waste heat.