

Training Program Schedule 2005-06

Power Plant Operator Training

January 9 - March 3, 2006

March 13 - May 5, 2006

Advanced Power Plant Operator

November 28 - December 16, 2005

Bulk Fuel Operator Training

October 10 - 21, 2005

October 31 - November 11, 2005

On-Site Bulk Fuel Training

Site visits late May and June 2006.

Bulk Fuel Manager Training

November 7-11, 2005

Bulk Fuel Bookkeeper Training

October 10-14, 2005

Utility Clerk Training

May 16-18, 2005

*Specific dates/locations not yet
known for: Hydro Training*



For further information or an application,
please contact:

Monica Moore

Training Program Manager

907-269-3026

Email: mmoore@aidea.org



Alaska Energy Authority

813 W. Northern Lights Blvd.

Anchorage, AK 99503

Phone: 907-269-3000

Fax: 907-269-3044

Training

Opportunities
for you with



Continuing education.
Help your community.
Invest in yourself.

907-269-3000

Toll free number
in Alaska only:

1-888-300-8534

Alaska Energy Authority (AEA) has administered training programs in rural Alaska for 12 years. **AEA**, assisted by the **Denali Commission Training Fund**, continues to provide training opportunities to local residents on energy projects and infrastructure. **AEA** also works with the **Alaska Dept. of Labor, Alaska Works Partnership** and **regional non-profits** on training needs.

The intent of training is to ensure that the infrastructure built in rural communities has the best service available to sustain the facility in a business-like manner. With the proper training, operators will keep their facilities code-compliant.

Good management and training is the key to success. With the right training and a continued commitment to train community personnel, infrastructure will last and be useful its entire life span.



Bulk Fuel Operator Training

Provides the knowledge and skills necessary to safely operate and maintain a bulk fuel storage facility while complying with state and federal laws. Includes bulk fuel storage facility construction; facility operations and maintenance; tank farm inspection criteria; inventory control; tank farm safety; detection and response to spills.



Itinerant Bulk Fuel Training

Instructors travel to the communities of students previously trained to provide on-site training. Includes an initial physical inspection of the tank farm; identification of operation and maintenance needs; hands-on repair and replacement; additional on-site considerations and reporting requirements.

Bulk Fuel Bookkeeper/Manager

Participants are trained on all reporting and bookkeeping requirements of the business plan. Includes interactive discussion, hands-on activities, forms, and onsite evaluation and assessment of bookkeeper and/or manager.

Power Plant Operator Training

Provides entry-level power plant operators the necessary skills to operate and maintain a power plant. Includes theory, maintenance and troubleshooting of engines, electrical systems and generators; introduction to electrical distribution systems; operation of diesel electric sets; control panels; paralleling generator sets; load management, fuel management; waste heat recovery; plant management; and

power plant safety and industrial CPR.

Advanced Power Plant Operator

Prepares the advanced student with the necessary knowledge and skills to diagnose and repair failures in power plants. Includes review of electrical fundamentals; testing equipment; basics of computerized engine control systems; sensors and actuators; electronic signatures and waveforms; and diagnostics and testing.



Utility Clerk Training

Focused on Power Cost Equalization (PCE) reporting; Regulatory Commission of Alaska (RCA) reporting; how to apply for bulk fuel loans and general accounting practices to keep records and reports current for PCE reporting.



Hydro Training

Local operators are trained to ensure that hydro facilities can be sustained. Includes overview of the hydro plant, hydrology and fuel systems; operation of all systems involved (hydro, diesel, system voltage control and safe clearance procedures); maintenance of all systems involved (hydro, diesel, reservoir and electrical distribution system); and record keeping.