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## **Alaska Energy Authority Training Program Schedule 2011/2012**

### **Advanced Power Plant Operator Training**

This advanced course provides students the necessary knowledge and skills to diagnose and repair failures in power plants. This year the courses will be 2 weeks in length and after a brief review of electrical fundamentals each will have a different emphasis. The first class will focus more intensely on the computer control systems and the second will focus on mechanical components and heat recovery systems. Participants will need to have been certified in the Power Plant Operator course prior to being accepted into this course.

November 28, 2011 through December 9, 2011

March 19, 2012 through March 30, 2012

### **Bulk Fuel Operator Training**

This course provides students the knowledge and skills necessary to safely operate and maintain a bulk fuel storage facility while complying with state and federal laws. The program includes bulk fuel storage facility construction, facility operations, tank farm inspection criteria, facility maintenance, inventory control, tank farm safety, spill detection and spill response planning.

September 12, 2011 through September 23, 2011

April 2, 2012 through April 13, 2012

April 23, 2012 through May 4, 2012

### **Hydro Power Plant Operator Training**

This course trains local operators to ensure that hydro facilities can be sustained over the long term. The program includes hydro plant overview (including 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.

May 7, 2012 through May 18, 2012

### **Power Plant Operator Training w/ Wind Integration**

This is the entry level course for power plant operators providing the necessary skills to operate and maintain a power plant. The program includes engine maintenance, troubleshooting and theory, electrical systems and generators, introduction to electrical distribution systems, diesel electric set operation, control panels, paralleling generator sets, load management, fuel management, waste heat recovery, plant management, as well as how to integrate both hydro and wind systems. The spring course provides the opportunity to be certified in tower climbing.

September 26, 2011 through November 18, 2011

January 9, 2012 through March 9, 2012

**Please note:** These dates are subject to change.

*If you have any questions or are interested in attending one of the training sessions, please contact Jessica Stolp, AEA Training Program at (907)771-3026 or toll free 1-888-300-8534.*