

THE SOUTHEAST ALASKA INTEGRATED RESOURCE PLAN (SEIRP) PROJECT

Advisory Work Group Meeting
Ketchikan, Alaska
Project Manager's report to the Work
Group
Jim Strandberg

Alaska Energy Authority

AEA project manager: Jim Strandberg

Advisory Work Group chair: Rick Harris, Sealaska

Southeast Conference energy coordinator: Robert Venables

Black and Veatch project manager: Kevin Harper

SEAPA project manager: Eric Wolfe

AEA staff assistant: May Clark

September 14th, 2011

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- A Regional Energy Action Plan
- Organized into 4 task groups
 - Task Group 1 - Data Collection, Load Forecasts, Technology Review, Demand Side Management/ Energy Efficiency, Regional Action Plan
 - Task Group 2 - Region wide transmission planning (update Southeast Transmission Plan)
 - Task Group 3 - Integrated Resource Planning (economic selection of projects)
 - Task Group 4 - Reporting (a document defining capital projects, regional joint actions to be taken across the SE economic spectrum), useful for the SE Alaskan, SE utilities, local governments, state agencies and the Alaska Legislature)

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- ⦿ A Regional Energy Action Plan
- ⦿ Work Products -
 - A list of **power generation** projects, **transmission line** projects, and **energy conservation/demand side management** projects, with **capital costs** and **implementation** recommendations.
 - A regional action plan that defines actions to be taken by SE Alaska businesses, local governments, and the State of Alaska to respond to emerging energy issues.
 - Focus on long run SE energy security, and minimum reliance on volatile priced petroleum products.

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○ Schedule

- Interim 3 year projects list October 5, 2011
- Draft Report November 8, 2011
- Final Report January 16, 2012

○ Advisory Work Group meetings

- August 16, 2011 meeting was held in Wrangell
- Expect one additional full day meeting prior to production of draft plan to preview draft plan.

○ Planning started for 2nd technical conference, tentatively in Juneau, B&V to present results, and start public comment process.

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○ Overall Project Status

- Major early tasks such as Load Forecasting nearing completion.
- Project is presently on schedule.
- Project Manager's discussions with B&V and SEC
 - Emphasis on rural communities
 - Interviews by SEC on energy situations in rural communities
 - Review of analysis methodology for transmission segments, screening process.
 - Coordination between B&V and AEA's EE/DSM end user study
 - Discussion on the output of "preferred resource list" for Capital projects.

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- Important Topics for this meeting
- This will be update meeting on tasks
- B&V in the middle of analysis work
- Some limited project output (preliminary) will be presented.
- Critical issues can be brought up
 - Electric Resistance Cross over heating, status of biomass alternative fuels
 - Discussion of how to implement the plan beginning in 2012 - who should take up the cause....?

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- ⦿ Contract tasks - B&V will report on
 - Load Forecasts
 - DSM/EE
 - Transmission
 - Renewable Energy Projects
 - B&V's analysis of power projects
 - Space heat and transportation