

## The Alaska Affordable Energy Strategy Program Fact Sheet and Status Update (June 3, 2016)

**Program Background:** In 2014, the Alaska Legislature passed a provision in the AKLNG legislation that directed the Alaska Energy Authority (AEA) to prepare a plan and recommendations to the Legislature on infrastructure needed to deliver affordable energy to areas of the state that will not have direct access to a North Slope natural gas pipeline. This effort is referred to as the Alaska Affordable Energy Strategy (AkaES) and it, and any associated recommendations for legislation, are due to the Legislature by Jan. 1, 2017.

### Program Progress since May 20:

- Communicated on multiple occasions with GINA-led (Geographic Information Network of Alaska at UAF) team responsible for programming the data and community energy infrastructure project evaluation model to provide guidance and explanations for their effort. Received preliminary model results on the opportunity for solar power in the AkaES region. Further refinement of the data and algorithms are needed as part of the QA/QC process. Model outputs now include community forecasts for electricity and heat by fuel type, project opportunities for residential efficiency, non-residential efficiency, water and wastewater efficiency, wind power, and solar power.
- Provided feedback on the draft final document on the energy efficiency barriers analysis being performed by Vermont Energy Investment Corp. AEA expects a final draft by mid-June. The project will provide programmatic recommendations for capitalizing on the opportunity for residential and nonresidential energy efficiency in the state.
- Continued internal projects on data collection, program evaluations, project risks and barriers, and utility rates.
- Met with ACEP telephonically to discuss updates and plan future work on the barriers to private investment in rural energy infrastructure project.
- An online survey, also accessible through the AkaES webpage, was developed to gather information from stakeholders. The survey can be found at: <https://www.surveymonkey.com/r/2Z632Y9>. We will keep the survey open for the next several months.
- Received technology briefing papers from ACEP. AEA will provide guidance on the next steps for bringing the project to completion.

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- Met with Northern Economics to discuss the preliminary results of their data and model for investigating the potential for using LNG as an alternate fuel in AkaES communities.
- Sent out a Doodle poll to schedule the next Advisory Group meeting in mid-June.

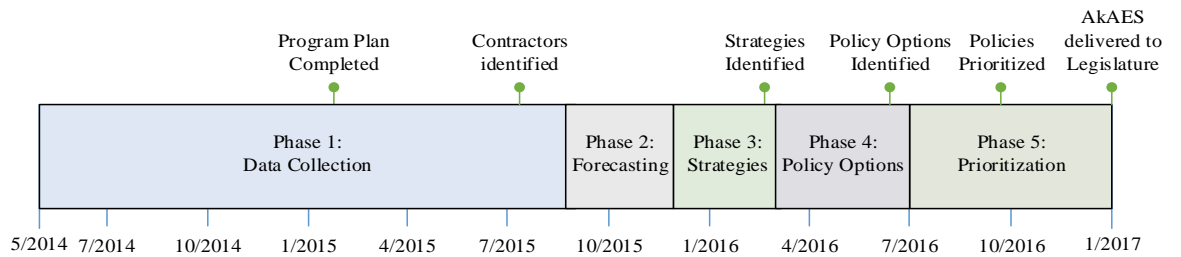


**Expected Progress during the Next Two Weeks:**

- Receive True Cost of Bulk Fuel and Electricity from ISER
- Continue coordinating with AEA’s regional energy planning contractors on data collection and economic analysis.
- Continue to coordinate internal AEA work on the AkaES.
- Receive updated draft report on the technical requirements and costs for delivering LNG to communities and using it for electricity generation and thermal loads .
- Receive updated draft of ACEP’s study on the barriers to private investment in rural energy infrastructure. Meet with the Regulatory Commission of Alaska and ACEP to discuss a number of elements of the ACEP report.



**Schedule**



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