



The Alaska Affordable Energy Strategy Program Fact Sheet and Status Update (January 29, 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 December 19:

- Met on multiple occasions with GINA-led team responsible for programming the data and community energy infrastructure project evaluation model to provide guidance and explanations for their effort. AEA gained the ability to run the current model and sync all updates
- Updated several modules of the community energy infrastructure project evaluation model based on new data.
- GINA-led modeling team provided final community consumption estimates to the contractors leading the LNG study.
- Continued internal projects on data collection, program evaluations, O&M, and utility rates.
- Held kick-off meeting with the US Army Corps of Engineers' for a project to investigate potential efficiencies in delivering fuels to regions by strategically increasing bulk fuel capacity
- Provided feedback on preliminary draft of Barriers to Private Investment study by ACEP.
- Received preliminary literature review and program catalog from the contractor leading the study investigating the barriers and gaps for energy efficiency programs
- Held a Technical Advisory meeting and received feedback on current progress and a potential outline of the final report
- Continued to coordinate with data collection efforts through the AEA-led regional energy plans
- Received drafts and provided feedback on all briefing papers from ACEP-led technology development project

813 W Northern Lights Blvd
Anchorage, AK 99503
(907) 771-3000

**AEA'S MISSION IS
TO REDUCE THE COST
OF ENERGY IN ALASKA**
AKENERGYAUTHORITY.ORG

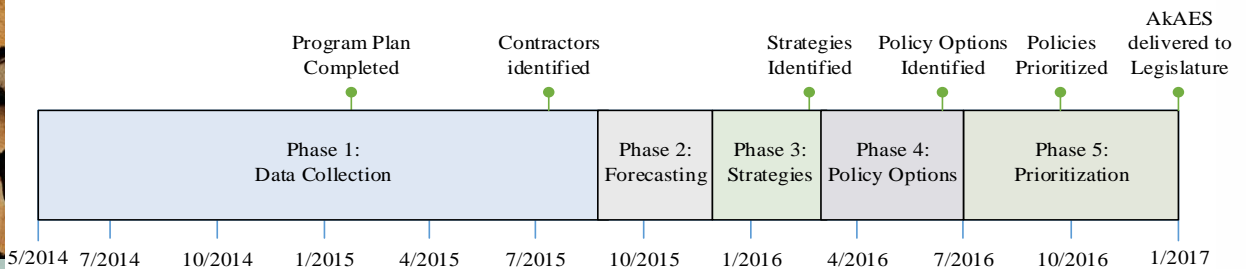


- Received baseline population forecasts for communities in the AkaES region from ISER
- Continued data collection and analysis on the AkaES region residential and non-residential building stock and consumption
- Met with ISER and sub-contractor performing the 1) utility structure and management, and 2) energy subsidy studies.
- Met telephonically with researcher from UAF investigating definitions of affordable for water and wastewater systems under contract from the Alaska Department of Environmental Conservation (DEC). Continued researching potential definitions and implications.
- Scheduled the next Advisory Group meeting for 1-3 PM on February 18th.
- Met with AGDC to coordinate in-state gas delivery studies, objectives, and methodologies.

Expected Progress during the Next Two Weeks:

- Continue coordinating with AEA’s regional energy planning contractors on data collection and economic analysis.
- Continue to coordinate internal AEA work on the AkaES.
- The current community consumption model will be extended to the entire AkaES region. New visualization tools will be made available.
- Meet with AGDC to continue coordination

Schedule



813 W Northern Lights Blvd
 Anchorage, AK 99503
 (907) 771-3000

**AEA'S MISSION IS
 TO REDUCE THE COST
 OF ENERGY IN ALASKA**
 AKENERGYAUTHORITY.ORG