

# Fiscal Note

State of Alaska  
2014 Legislative Session

Bill Version: HCS CSSB 138(RES)  
Fiscal Note Number: 16  
(H) Publish Date: 4/11/14

Identifier: SB138HCSCS(RES)-DCCED-AEA-04-09-14  
Title: GAS PIPELINE; AGDC; OIL & GAS PROD. TAX  
Sponsor: RLS BY REQUEST OF THE GOVERNOR  
Requester: H RES

Department: Department of Commerce, Community and  
Economic Development  
Appropriation: Alaska Energy Authority  
Allocation: Statewide Project Development, Alternative  
Energy and Efficiency  
OMB Component Number: 2888

## Expenditures/Revenues

Note: Amounts do not include inflation unless otherwise noted below. (Thousands of Dollars)

	FY2015	Included in	Out-Year Cost Estimates				
	Appropriation Requested	Governor's FY2015 Request	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
<b>OPERATING EXPENDITURES</b>	<b>FY 2015</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>
Personal Services							
Travel							
Services							
Commodities							
Capital Outlay							
Grants & Benefits							
Miscellaneous							
<b>Total Operating</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

## Fund Source (Operating Only)

None							
<b>Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

## Positions

Full-time							
Part-time							
Temporary							

<b>Change in Revenues</b>							
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**Estimated SUPPLEMENTAL (FY2014) cost:** 0.0 *(separate supplemental appropriation required)*  
*(discuss reasons and fund source(s) in analysis section)*

**Estimated CAPITAL (FY2015) cost:** 2,025.0 *(separate capital appropriation required)*  
*(discuss reasons and fund source(s) in analysis section)*

## ASSOCIATED REGULATIONS

Does the bill direct, or will the bill result in, regulation changes adopted by your agency? No  
If yes, by what date are the regulations to be adopted, amended or repealed?

## Why this fiscal note differs from previous version:

This version of the AEA fiscal note reflects higher overall costs due to a more complete understanding of the work anticipated if CSSB 138 is passed into law. The Authority has revised the note after conferring with personnel possessing insight on the expected cost associated with the engineering, economic and financial evaluation work that will be required to adequately respond to legislative direction that has been placed in the bill.

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Division: <u>Alaska Energy Authority</u>	Date: <u>04/09/2014 04:30 PM</u>
Approved By: <u>Jeanne Mungle, Director</u>	Date: <u>04/10/14</u>
Agency: <u>Administrative Services</u>	

## FISCAL NOTE ANALYSIS #16

STATE OF ALASKA  
2014 LEGISLATIVE SESSION

BILL NO. HCS CSSB 138(RES)

### Analysis

HCSCSSB138(RES) would require the Alaska Energy Authority (AEA) to plan and make a recommendation to the legislature on infrastructure needed to deliver affordable energy to areas in the state that do not have direct access to a north slope natural gas pipeline. Specifically, the bill requires AEA to do the following:

- a) In consultation with the Alaska Gasline Development Corporation, AIDEA, and the Department of Revenue,
- 1) Develop a plan for developing infrastructure to deliver more affordable energy to areas of the state that are not expected to have direct access to a North Slope natural gas pipeline; Identify ownership options, different energy sources, including fossil fuels, hydro projects, tidal, and other alternative energy sources; 2) Describe and recommend the means for generating, delivering, receiving, and storing energy in the most cost-efficient manner; and 3) AEA may consider the development of regional energy systems that can receive and store bulk fuel in quantity and distribute that fuel as needed within the region.
- b) In consultation with the Department of Revenue, AEA shall recommend a plan for funding the design, development, and construction of the required infrastructure, and may identify a source of rent, royalty, income, or tax received by the state that may be appropriated by the legislature to implement the plan.
- c) AEA shall provide the plan and suggested legislation for the design, development, construction, and financing of the required infrastructure to the legislature before January 1, 2017.

AEA expects to contract for the technical expertise required to complete the plan and funding recommendations. We estimate \$2,025.0 in contractual costs, funded by a general fund capital appropriation to AEA. This estimate is based on the following:

The ongoing effort of the AEA to collaborate with regional stakeholders in the development of regional energy plans is on track to generate the baseline information requested in SB138. This effort has been driven by previous policy direction, established through legislation and budgetary appropriations, to evaluate and develop local fossil fuels, renewable and alternative energy sources to support regional energy needs. The activity is scheduled to conclude in 2015 using funds in the administration's proposed FY2015 budget. However, the possibility of bulk LNG being available from an Alaska Gasline LNG plant will require reassessment of potentially relevant energy projects, funding approaches and innovations in infrastructure ownership at the local and regional level. Refining the existing analysis is estimated to cost \$150.0. Evaluating opportunities for increased electricity transmission along with more aggressive use of local energy sources for heat compared to LNG delivery is estimated at \$900.0. Costing of LNG logistics and assessment of powerhouse conversions are anticipated to be \$800.0.

SB138 also requires AEA to collaborate with the Dept. of Revenue to evaluate sources of state revenue that could be used to fund development and construction of infrastructure to implement the regional energy plan for geographic areas of the state that will not have direct access to natural gas off a North Slope natural gas pipeline. The work will entail working with consultants to quantify future revenue streams, estimate project costs including possible "stranded infrastructure" and to assess the expected rate of conversion if a new energy source can be delivered. Using existing data available from AHFC's Energy Rebate and Home Weatherization program, as well as other state sources should limit this expense to \$150.0.

The bill also entails the compilation and production of generated materials into a comprehensive report for delivery to the Legislature prior to January 1, 2017. Due to expected size and complexity of the document, \$25.0 is requested.