

HB

312

<TARGET><BILL>HB 312</BILL><SUBJECT>HB
312</SUBJECT><COMM>HCRA27</COMM></TARGET>

Alaska State Legislature
House of Representatives

Representative Tammie Wilson

Interim
301 Santa Clause Lane
North Pole, AK 99705
Phone - (907) 451-2806
Fax - (907) 451-2332



Session
State Capitol
Juneau, AK 99801
Phone - (907) 465-4797
Fax - (907) 465-3884

Rep.Tammie.Wilson@legis.state.ak.us

House Bill 312:

"An Act creating a low-interest loan program for homeowners who convert their homes to natural gas-fired heating; and creating the natural gas home heating conversion loan fund."

House Bill 312 will create a low interest loan program, providing Alaskans an affordable avenue for converting their oil, coal, or wood heating appliance to a cleaner natural gas fired furnace.

The loan program established under HB 312 will be overseen by the Alaska Housing Finance Corporation, allowing qualified applicants, regardless of income level, to receive up to a \$7,500 loan for a new heating appliance at an interest rate of 1% over a 10 year term.

Once HB 312 is funded by the legislature, communities that currently have the option of natural gas would qualify for this program. Meanwhile, communities without access to natural gas would be able to start planning for a retrofit of their home as gas delivery options become available in their community.

An additional benefit of HB 312 will be the effects of the program on a community's air quality. Currently, the U.S. Environmental Protection Agency has declared the Fairbanks North Star Borough a PM 2.5 nonattainment area. This designation has serious economic development impacts. One example is the possible loss of Federal highway monies. The FNSB will be able to use HB 312's loan program within their required EPA state implementation plan to mitigate the existing air quality concerns.

I urge your support of HB 312 to help prepare Alaska's homes and families for a gasline.



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Sectional Analysis

Section 1. Amends AS 18.56 creating a new section "Article 6A. Natural Gas Home Heating Conversion Loan Program" with new sections 18.56.870, 18.56.873, and 18.56.875.

Sec. 18.56.870. Titled "Natural gas home heating conversion loan program". Creates a new natural gas home heating conversion loan program under the Alaska Housing Finance Corporation (AHFC). Qualified applicants can apply for a low interest loan to convert a home that uses oil, coal, wood, or other non-natural gas fired heating devices to natural gas heat. To qualify for a loan, the homeowner will need an energy audit performed by an approved rater, to be paid for by the homeowner. Defines an eligible home as substantially complete, owner-occupied, single-family dwelling or duplex used as a permanent residence of the loan applicant. Not more than 25 percent of the home may be used for commercial purposes. An eligible home does not include a home that has been destroyed, abandoned, or converted to another form of heat 12 months after an energy audit has been performed, to a home which natural gas is not available, and to a home that has already received a loan under this program.

Sec. 18.56.873. Titled "Natural gas home heating conversion loan fund". Establishes the natural gas home heating conversion loan fund administered by AHFC. Money will be appropriated to the fund by the Legislature. Loans made under the conversion program will have an interest rate of 1 percent, term of 10 years, not subject to income limitations, and may not exceed the cost of conversion to a natural gas heating device or \$7,500. Provides the loan fund may be used for making loans to eligible homeowners, cover costs of administering the loan, and cover costs of administering and enforcing loan terms.

Sec. 18.56.875. Exempts AHFC from requirements of AS 46.11.050(b) when making loans under AS 18.56.870 and 18.56.873.



FISCAL NOTE

STATE OF ALASKA
2012 LEGISLATIVE SESSION

Bill Version SB 154
Fiscal Note Number 1
(S) Publish Date 2/1/12

Identifier (file name) SB154-DOR-AHFC-01-13-12 Dept. Affected Revenue
Title Natural Gas Conversion Program/Fund Appropriation Alaska Housing Finance Corp.
Allocation AHFC Operations
Sponsor Senator Thomas
Requester (S) CRA OMB Component Number 110

Expenditures/Revenues (Thousands of Dollars)

Note: Amounts do not include inflation unless otherwise noted below.

	FY13 Appropriation Requested	Included in Governor's FY13 Request	Out-Year Cost Estimates					
			FY13	FY14	FY15	FY16	FY17	FY18
OPERATING EXPENDITURES								
Personal Services								
Travel								
Services								
Commodities								
Capital Outlay								
Grants, Benefits								
Miscellaneous								
TOTAL OPERATING	***	***	***	***	***	***	***	***

FUND SOURCE		(Thousands of Dollars)						
1002	Federal Receipts							
1003	GF Match							
1004	GF							
1005	GF/Prgm (DGF)							
1037	GF/MH (UGF)							
1178	temp code (UGF)							
TOTAL		***	***	***	***	***	***	***

POSITIONS								
Full-time								
Part-time								
Temporary								

CHANGE IN REVENUES								

Estimated SUPPLEMENTAL (FY12) operating costs _____ (separate supplemental appropriation required)
(discuss reasons and fund source(s) in analysis section)

Estimated CAPITAL (FY13) costs _____ (separate capital appropriation required)
(discuss reasons and fund source(s) in analysis section)

Why this fiscal note differs from previous version (if initial version, please note as such)

Initial version.

Prepared by Cary Bolling, Officer Governmental Relations & Public Affairs
Division Alaska Housing Finance Corporation
Approved by Dan Fauske, CEO
Alaska Housing Finance Corporation

Phone 907-350-2479
Date/Time 9:23am; 1/20/2012
Date 9:24am; 1/20/2012

FISCAL NOTE #1

STATE OF ALASKA
2012 LEGISLATIVE SESSION

BILL NO. SB 154

Analysis

This legislation will amend A.S. 18.56 to establish a loan program and fund for homeowners to convert an oil, coal, wood or other non-natural gas-fired heating device so the home is primarily heated by a natural gas-fired heating device. An energy audit is required to estimate costs. Loans will have an interest rate of one percent, a ten year term and may not exceed \$7500.00.

Indeterminate fiscal note . Should there be an appropriation, currently estimated administrative costs would be one percent of fund amount.

FISCAL NOTE

STATE OF ALASKA cost # codes
 2012 LEGISLATIVE SESSION

Bill Version HB312
 Fiscal Note Number 1
 Publish Date 2/10/2012

Identifier (file name) HB312-DOR-AHFC-02-10-12 Dept. Affected Revenue
 Title Natural Gas Conversion Program/Fund Appropriation Alaska Housing Finance Corp.
 Allocation AHFC Operations
 Sponsor Representative Tammie Wilson
 Requester (H) CRA OMB Component Number 110

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

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			FY14	FY15	FY16	FY17	FY18
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Personal Services							
Travel							
Services							
Commodities							
Capital Outlay							
Grants, Benefits							
Miscellaneous							
TOTAL OPERATING	***	***	***	***	***	***	***

FUND SOURCE (Thousands of Dollars)

1002	Federal Receipts						
1003	GF Match						
1004	GF						
1005	GF/Prgm (DGF)						
1037	GF/MH (UGF)						
1178	temp code (UGF)						
TOTAL		***	***	***	***	***	***

POSITIONS

Full-time							
Part-time							
Temporary							

CHANGE IN REVENUES	***	***	***	***	***	***	***
---------------------------	------------	------------	------------	------------	------------	------------	------------

Estimated SUPPLEMENTAL (FY12) operating costs _____ (separate supplemental appropriation required)
 (discuss reasons and fund source(s) in analysis section)

Estimated CAPITAL (FY13) costs _____ (separate capital appropriation required)
 (discuss reasons and fund source(s) in analysis section)

Why this fiscal note differs from previous version (if initial version, please note as such)

Initial version.

Prepared by Cary Bolling, Officer Governmental Relations & Public Affairs Phone 907-350-2479
 Division Alaska Housing Finance Corporation Date/Time 10:00am: 2/10/2012
 Approved by Dan Fauske, CEO Date 10:00am: 2/10/2012
Alaska Housing Finance Corporation

FISCAL NOTE

STATE OF ALASKA
2012 LEGISLATIVE SESSION

BILL NO. HB312

Analysis

This legislation will amend A.S. 18.56 to establish a loan program and fund for homeowners to convert an oil, coal, wood or other non-natural gas-fired heating device so the home is primarily heated by a natural gas-fired heating device. An energy audit is required to estimate costs. Loans will have an interest rate of one percent, a ten year term and may not exceed \$7500.00.

Indeterminate fiscal note . Should there be an appropriation, currently estimated administrative costs would be one percent of fund amount.

FY13 Legislative Request



Legislative Request By: Fairbanks North Star Borough

Request Title: Legislation to Finance Fuel Conversions to a Natural Gas Distribution System in the Fairbanks North Star Borough

Brief Description of Request:

The FNSB requests that legislative action be taken in the 2012 session to establish a low interest fuel conversion loan program that would enable Borough residents to take advantage of lower cost, liquefied natural gas energy that is projected to be made available through the Golden Valley Electric Association-Flint Hills Resources (GVEA-FHR) Liquefied Natural Gas Trucking Project by the end of 2014.

Please provide a detailed description and justification:

Legislation to Finance Fuel Conversions to a Natural Gas Distribution System in the Fairbanks North Star Borough

The Golden Valley Electric Association-Flint Hills Resources (GVEA-FHR) Liquefied Natural Gas Trucking Project is moving forward to meet their March 2012 project commitments, with possible availability of liquefied natural gas to Borough residents by the end of 2014. The FNSB requests that legislative action be taken to establish a low interest fuel conversion loan program that will enable Borough residents to finance converting or replacing their home's oil fired furnaces to natural gas quickly and at a reasonable rate.

By establishing a low interest fuel conversion loan program in the 2012 legislative session, the legislature would ensure FNSB residents are poised to take advantage the lower cost, more efficient liquefied natural gas as soon as it is made available through the GVEA-FHR Trucking Project in late 2014. A fuel conversion loan program could be similar to the AHFC home energy rebate program using auditors to evaluate residential oil fired heating devices (appliances) to be replaced or converted and estimate the cost to the homeowner. By establishing a low interest fuel conversion loan program, the legislature will have a financing method in place that could be applied as other heating alternatives become available.

The previously funded Natural Gas Distribution Study will determine borough-wide gas distribution systems and associated funding costs and evaluate the extent natural gas delivery would impact the attainment model for reducing local PM 2.5 emissions.

Has the project gone through a public review process at the local level and is it a community priority by resolution or other official action by the governing body?

YES X NO

Grant Recipient Contact Information: See Contact Information page/section of this book.

You must provide documentation. (ie. Copy of resolution and/or appropriate letter(s) of support) See Resolution page/section of this book.

If your project request has not gone through a public and/or governing or appropriate review process for your community or school district then it may not make it through the Legislative process of approval.

March 11, 2011



**sierra
research**

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Memo to: Honorable Luke Hopkins, Mayor
Fairbanks North Star Borough

From: Bob Dulla and Frank Di Genova

Subject: Emission Reduction Benefits of Natural Gas Displacing Conventional Heating Fuels in Fairbanks

For a variety of reasons, including poor dispersion, low temperatures, and limited fuel mix, Fairbanks has poor wintertime air quality and frequently exceeds the National Ambient Air Quality Standard for PM_{2.5}. A recent inventory of emissions shows that space heating, and particularly heating with wood, is responsible for the vast majority (74%) of the direct wintertime PM_{2.5} emissions (and an even higher percentage of nuisance smoke complaints). By contrast, oil burning provides roughly the same amount of heating as wood (BTU basis) but contributes only about 1% of direct PM_{2.5} emissions. However, distillate oil burning for space heating contributes about 42% of (gaseous) sulfur dioxide emissions, and these and other gaseous emissions can convert in the atmosphere to secondary PM_{2.5}, adding significantly to the total PM_{2.5} burden. Displacement of wood burning and, to a lesser extent, displacing of oil burning, with much cleaner natural gas can significantly reduce these direct and indirect PM_{2.5} emissions.

Based on EPA emission factor data, switching from a conventional wood stove to natural gas reduces direct PM emissions by 99.7%, and switching from residential distillate oil burning to natural gas reduces direct PM by 38.6%. In addition, the fuel oil to gas switch reduces emissions of (gaseous) sulfur dioxide by 99.7%.

According to the 2000 Census, there are 25,583 households in the Fairbanks PM_{2.5} nonattainment area. Shifting 12,000 homes to natural gas would largely eliminate directly emitted PM from almost 50% of the homes in the nonattainment area and substantially reduce the secondary PM burden as well. No other option has been identified to date that can produce reductions of this magnitude and significantly move the Borough towards attainment in a cost effective manner.

cc. Glenn Miller
Jim Conner

[print](#)

Fairbanks North Star Borough to pursue money for gas distribution network

by Jeff Richardson/jrichardson@newsminer.com

01.16.12 - 11:35 pm

FAIRBANKS — The Fairbanks North Star Borough hopes to pursue state funding for a local natural gas distribution network in the months ahead, part of a push for infrastructure that officials view as a key step toward lowering energy costs in the Interior.

Ammunition for the lobbying effort could come from a state-funded \$430,000 study on the feasibility of such a system. A preliminary draft of the report is due by the end of January, providing ample time for the borough to pursue funding during the legislative session.

Jim Dodson, executive director of the Fairbanks Economic Development Corp., said it's crucial to learn more about how natural gas could be distributed to Fairbanks homes.

State and local officials have spent years working to develop a plan to pipe or truck stranded natural gas from the North Slope oil fields. But even if a gas line materialized in the borough tomorrow, Dodson said, the community couldn't take advantage of the resource.

"Fairbanks today is simply not in a position to utilize natural gas if we were to get it," said Dodson, who is chairman of a committee formed by FEDC to administer the state grant.

The borough signed a contract on Dec. 28 with Northern Economics to conduct the gas distribution feasibility study. A preliminary report is expected within a few weeks, with a final version expected by June.

Rough cost estimates for building a gas distribution system in the Fairbanks area likely will be \$30 million or more, Dodson said, and he said help potentially could come from the state in the form of grants or low-interest loans.

Dodson said Fairbanks is one of the few communities in the state that doesn't get a state subsidy to help lower energy costs. Anchorage and other parts of Southcentral get help from the state for parts of their gas distribution network. Most rural areas, meanwhile, are eligible for the state's Power Cost Equalization program, which reduces electric rates.

Steve Haagenson, a committee member and the former director of the Alaska Energy Authority, said the study should be viewed as "a business planning tool" in an area where economic growth has been stifled by high energy costs.

"The time to sit and pontificate about options is coming to an end," he said.

Borough Mayor Luke Hopkins said progress toward a gas delivery system could buy Fairbanks time as it struggles with a looming federal mandate to improve air quality. The borough needs to get Environmental Protection Agency approval for a clean air plan by December, and Hopkins said the EPA likely would accept progress toward more natural gas use as a sign of improvement.

The study will look at how a system could be expanded, including to parts of the borough that wouldn't be part of an urban gas grid. It also will consider whether it would be most feasible to fund a distribution system with money from public sources, private industry or a combination of both.

The immediate demand for gas in Fairbanks is about 8 billion cubic feet per year, divided between Golden Valley Electric Association, the Flint Hills Resources oil refinery and about 1,100 businesses and homes supplied by Fairbanks Natural Gas.

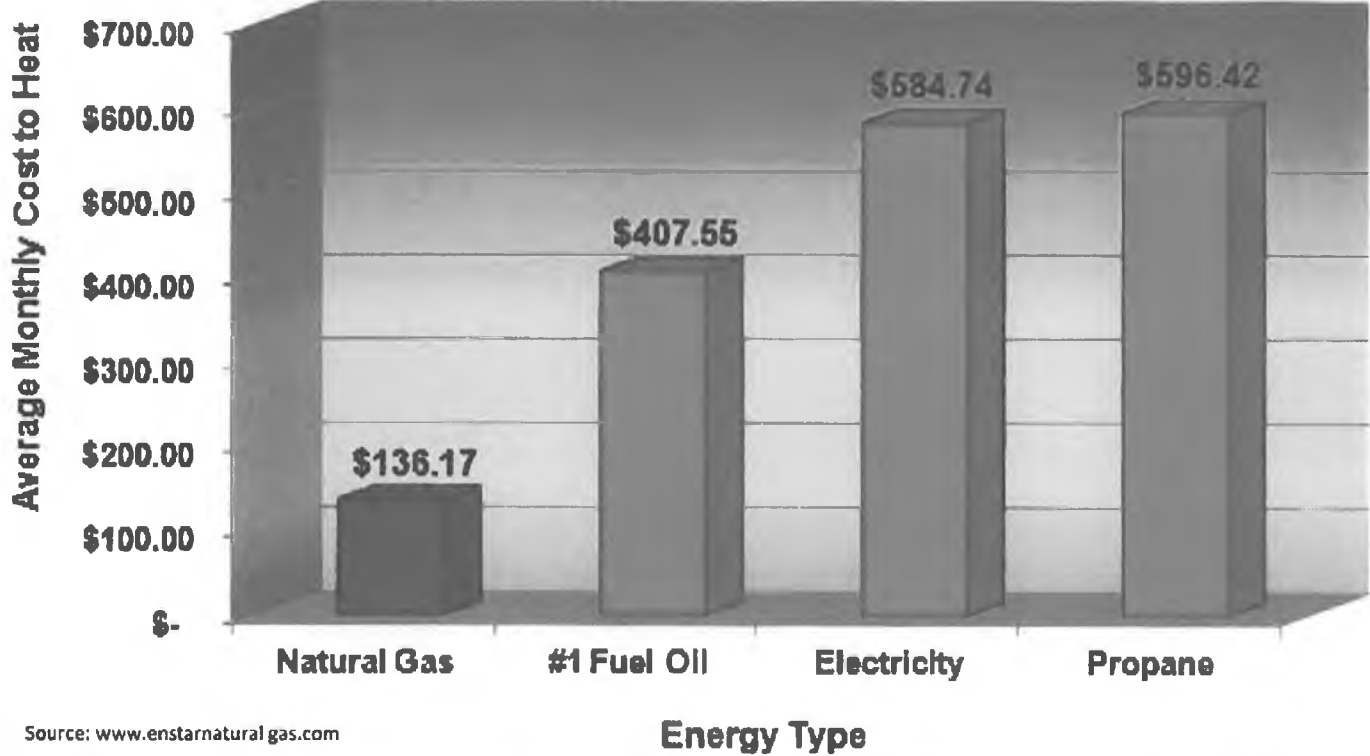
Dodson said the appetite for gas would need to grow considerably to make most delivery options viable.

"What this gives us is an opportunity to look at the options," he said.

© newsminer.com 2012

Average Monthly Cost to Heat

January 2012



Source: www.enstarnaturalgas.com

Some typical AFUE numbers^[3]

Fuel	Furnace/boiler	AFUE
Heating oil	Cast iron (pre-1970)	60%
	Retention head burner	70-78%
	Mid efficiency	83-89%
Electric heating	Central or baseboard	100%
	Geothermal heat pump	see COP
	Air-source heat pump	see HSPF
Natural gas	Conventional	55-65%
	Mid-efficiency	78-84%
	Condensing	90-97%
Propane	Conventional	55-65%
	Mid-efficiency	79-85%
	Condensing	88-95%
Firewood	Conventional	45-55%
	Advanced	55-65%
	State-of-the-Art	75-90%

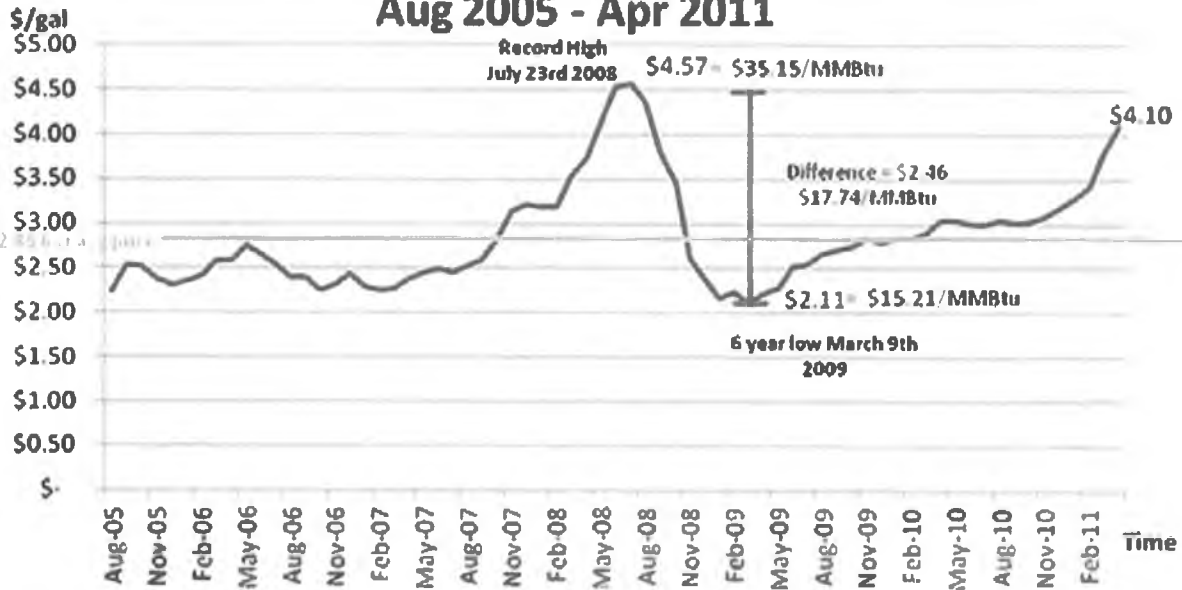
Source: Canada Mortgage and Housing Corporation, ed. (2008)

Table 1: Average Btu Content of Fuels

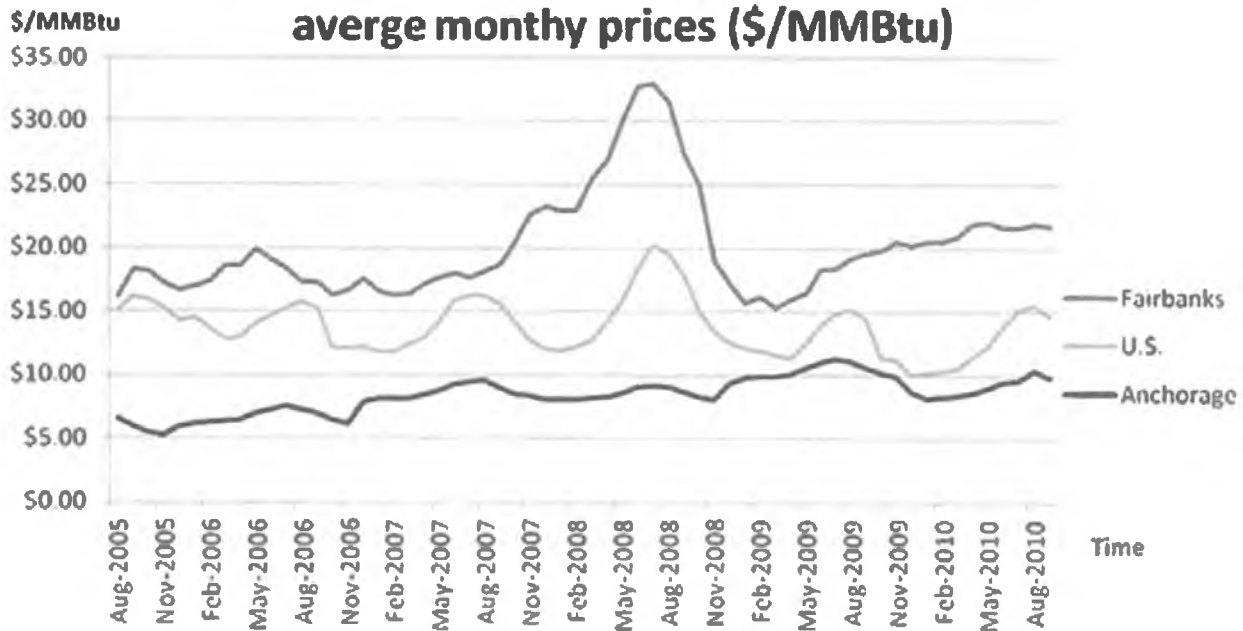
Fuel Type	No. of Btu/Unit
Fuel Oil (No. 2)	140,000/gallon
Electricity	3,412/kWh
Natural Gas	1,025,000/thousand cubic feet
Propane	91,330/gallon
Wood (air dried)*	20,000,000/cord or 8,000/pound
Pellets (for pellet stoves, premium)	16,500,000/ton
Kerosene	135,000/gallon
Coal	28,000,000/ton

Source: energysavers.gov

Monthly Average Home Heating Fuel Price FNSB Aug 2005 - Apr 2011

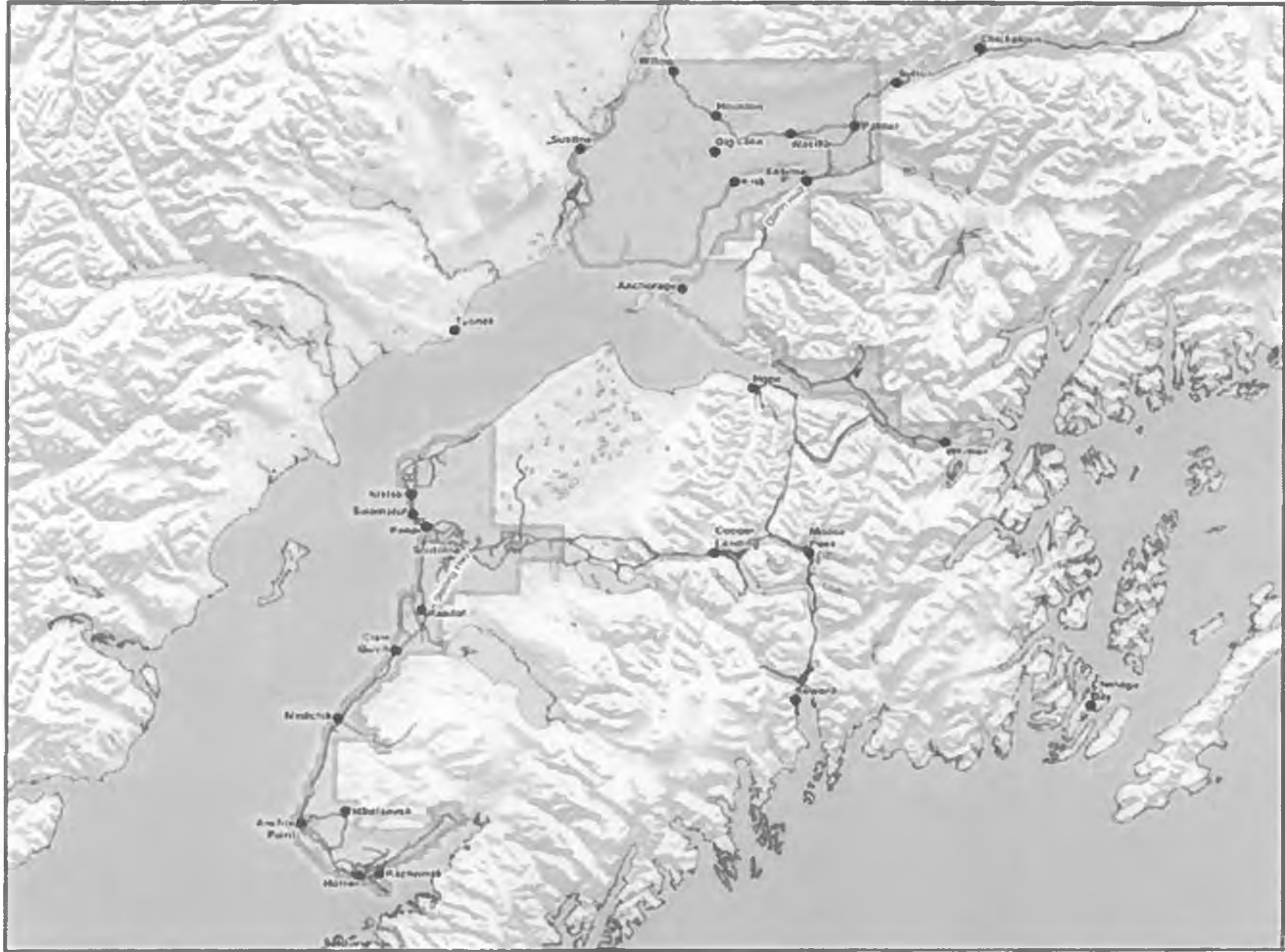


Anch (nat gas), FBKS(heating fuel), U.S. (nat gas) average monthly prices (\$/MMBtu)



Source: Data obtained from Energy Information Administration 2011

Enstar Natural Gas Certificate of Public Convenience and Necessity



*Shaded area represents a depiction only and may not be exact



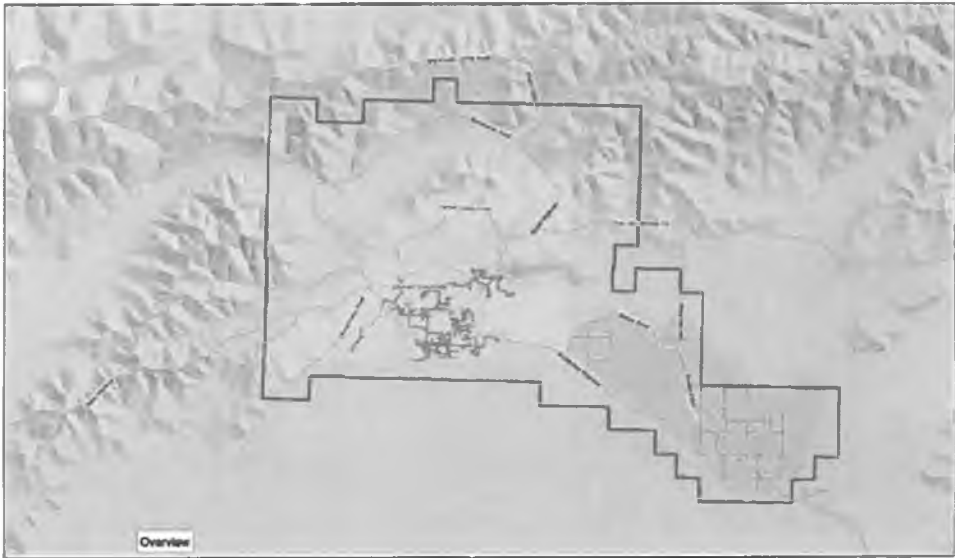
FAIRBANKS NORTH STAR BOROUGH NATURAL GAS AND PM 2.5



Comparison of Existing Fairbanks Natural Gas (FNG) System, Potential FNG Expansion Areas, and PM 2.5 Regulatory Areas

- PM 2.5 Regulatory Area
- PM 2.5 Hot Zones
- FNG Planned Fairbanks Expansion areas
- FNG Existing Fairbanks Gas Lines
- FNG Planned North Pole Mains
- FNG Planned North Pole Expansion Census Blocks

Prepared for Fairbanks North Star Borough Mayor Luke Hopkins
 Prepared by FNGSD Department of Community Planning TD
 Date: March 15, 2011



Alaska State Legislature House of Representatives

Interim

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Rep.Tammie.Wilson@legis.state.ak.us

Representative Tammie Wilson

Date: 2-6-2012
To: Representative Muñoz
Attn: Terry Harvey
From: Rep. Tammie Wilson
Re: HB 312 Hearing Request

Dear Representative Muñoz,

Attached is HB 312 and the supporting documentation. HB 312 will establish a low-interest loan program to convert a home heating appliance to a natural gas fired appliance. Please consider a hearing in your Community and Regional Affairs Committee at your earliest convenience.

HB 312 is the companion bill to SB 154.

I appreciate your consideration. If you have any questions or concerns, please feel free to contact my office.

Sil
Tammie

Representative Tammie Wilson

FISCAL NOTE

STATE OF ALASKA cost # codes
 2012 LEGISLATIVE SESSION

Bill Version HB312
 Fiscal Note Number 1
 Publish Date 2/10/2012

Identifier (file name) HB312-DOR-AHFC-02-10-12 Dept. Affected Revenue
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 Allocation AHFC Operations
 Sponsor Representative Tammie Wilson
 Requester (H) CRA OMB Component Number 110

Expenditures/Revenues (Thousands of Dollars)

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Personal Services							
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Services							
Commodities							
Capital Outlay							
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Miscellaneous							
TOTAL OPERATING	***	***	***	***	***	***	***

FUND SOURCE		(Thousands of Dollars)					
1002	Federal Receipts						
1003	GF Match						
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1005	GF/Prgm (DGF)						
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TOTAL		***	***	***	***	***	***

POSITIONS							
Full-time							
Part-time							
Temporary							

CHANGE IN REVENUES	***	***	***	***	***	***	***
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Estimated SUPPLEMENTAL (FY12) operating costs _____ (separate supplemental appropriation required)
 (discuss reasons and fund source(s) in analysis section)

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Initial version.

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 Approved by Dan Fauske, CEO
Alaska Housing Finance Corporation

Phone 907-350-2479
 Date/Time 10:00am; 2/10/2012
 Date 10:00am; 2/10/2012

FISCAL NOTE

**STATE OF ALASKA
2012 LEGISLATIVE SESSION**

BILL NO. HB312

Analysis

This legislation will amend A.S. 18.56 to establish a loan program and fund for homeowners to convert an oil, coal, wood or other non-natural gas-fired heating device so the home is primarily heated by a natural gas-fired heating device. An energy audit is required to estimate costs. Loans will have an interest rate of one percent, a ten year term and may not exceed \$7500.00.

Indeterminate fiscal note . Should there be an appropriation, currently estimated administrative costs would be one percent of fund amount.



Representative Tammie Wilson

State Capital Room 415

Juneau, Alaska 99801

Dear Representative Wilson:

I am writing to express my appreciation for your work in introducing HB 312, that would create a low interest loan program to encourage and assist homeowners in converting from more expensive, less efficient home heating systems to other means of heat, including natural gas, propane and where available, District Heat.

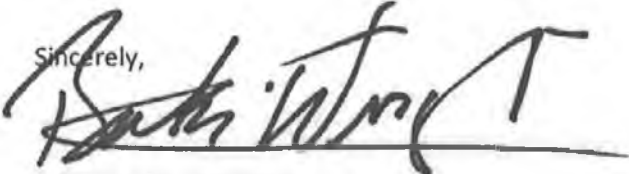
As you know, Aurora Energy sells heat and electricity from its Chena Power Plant in downtown Fairbanks. The coal-fired cogeneration plant produces steam, which is then used to generate electricity and to power Aurora's three hot water and one steam heat systems providing clean, hassle-free, reliable, inexpensive heat throughout the core area of Fairbanks. In fact, a home connected to the Aurora District Heat system produces virtually zero emissions, because the heat source is at the power plant, where the plant operations and emissions are constantly monitored and fully regulated. When a new home is added to the system, the oil or gas boiler or furnace at that location is taken out of service, thus eliminating that emission source, and in the case of oil heat, eliminating the need for an oil storage tank on the property.

Additionally, for well over ten years, Aurora Energy's hot water and steam District Heat have been the lowest cost heat alternative available, lower than either oil heat or natural gas heat. The impediment to more residences connecting to the Aurora system has been the relatively high cost of connecting to the system. Since the heat is generated at the power plant, the heat is distributed to customers through pipes in the streets. It can be costly to connect, and for smaller residences, the cost is sometimes prohibitive, compared to the savings brought about by the conversion. The loan program envisioned by HB 312 can be a tremendous help to those small homeowners and others.

As long as District Heat is treated on an equivalent basis with other alternative heat sources eligible for the loan program, Aurora Energy supports the concept of the loan program. We look forward to working with you to ensure a solid bill that will provide much needed help to the homeowners in Alaska, while continuing to improve the quality of the air we all breathe.

Thank you again for your work in this vital area.

Sincerely,

A handwritten signature in black ink, appearing to read "Buki Wright". The signature is written in a cursive style with a long horizontal line extending from the end of the name.

Buki Wright, President

Aurora Energy, LLC.

AMENDMENT

OFFERED IN THE HOUSE
TO: HB 312

BY REPRESENTATIVES TAMMIE
WILSON

- 1 Page 1, lines 1 - 2:
2 Delete **"their homes to natural gas-fired heating"**
3 Insert **"from an oil-fired heating device to a heating device that is not oil-fired"**
4
5 Page 1, line 2:
6 Delete **"natural gas"**
7
8 Page 1, line 6:
9 Delete **"Natural Gas"**
10
11 Page 1, line 7:
12 Delete **"Natural gas home"**
13 Insert **"Home"**
14
15 Page 1, line 10:
16 Delete **"oil, coal, wood, or other non-natural gas-fired"**
17 Insert **"oil-fired primary"**
18
19 Page 1, line 11:
20 Delete **"natural gas-fired heating device"**
21 Insert **"heating device that is not oil-fired"**
22
23 Page 2, line 4:

- 1 Delete "natural gas-fired heating device"
- 2 Insert "heating device that is not oil-fired"
- 3
- 4 Page 2, line 5, following "existing":
- 5 Insert "primary oil-fired"
- 6
- 7 Page 2, line 6:
- 8 Delete "natural gas-fired heating device"
- 9 Insert "heating device that is not oil-fired"
- 10
- 11 Page 2, line 15, following "section;":
- 12 Insert "or"
- 13
- 14 Page 2, line 16:
- 15 Delete all material.
- 16
- 17 Renumber the following paragraph accordingly.
- 18
- 19 Page 2, line 18:
- 20 Delete "**Natural gas home**"
- 21 Insert "**Home**"
- 22
- 23 Page 2, line 19:
- 24 Delete "natural gas"
- 25
- 26 Page 2, line 20:
- 27 Delete "natural gas"
- 28
- 29 Page 2, line 27:
- 30 Delete "natural gas-fired heating device"
- 31 Insert "heating device that is not oil-fired"

1

2 Page 2, line 31:

3 Delete "natural gas"

4

5 Page 3, line 2:

6 Delete "natural gas-fired heating device"

7 Insert "heating device that is not oil-fired"

LEGAL SERVICES

DIVISION OF LEGAL AND RESEARCH SERVICES
LEGISLATIVE AFFAIRS AGENCY
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Mail Stop 3101

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Juneau, Alaska 99801-1182
Deliveries to: 129 6th St., Rm. 329

MEMORANDUM

February 21, 2012

SUBJECT: Heating Device Conversion (CSHB 312(CRA))
(Work Order No. 27-LS1301\M)

TO: Representative Cathy Muñoz
Attn: Terry Harvey

FROM: Emily Nauman *ELN*
Legislative Counsel

HB 312

Please note that this CS draft allows a homeowner to convert from a wood to a biomass heating device -- devices that can be very similar or the same, since wood is a form of biomass -- but does not put any additional requirements on the new heating device (e.g., that it be more efficient, burn cleaner, etc). Given that this bill has passed out of your committee, you may wish to forward this memo to the next committee of referral.

ELN:plm
12-118.plm

Enclosure

*As suggested from
Leg Legal - I am
passing this on
to (H)FIN for
consideration.*