

**HCR**

**1**

AMENDMENT

OFFERED IN THE SENATE

by Senator

TO: CS for HCR 1 (RLS) am

- 1 Page 2, lines 20-21, delete all material and insert,
- 2 "one member appointed by the Alaska Industrial Development and Export Authority;
- 3 and be it"



ALASKA INDUSTRIAL DEVELOPMENT  
AND EXPORT AUTHORITY



813 WEST NORTHERN LIGHTS BLVD.

ANCHORAGE, ALASKA 99503

907 / 269-3000

FAX 907 / 269-3044

## MEMORANDUM

**TO:** Patrick Flynn, Legislative Aide  
Honorable Representative Ethan Berkowitz

**FROM:** Katelyn O. Markley  
Development Specialist

**DATE:** April 11, 2001

**SUBJECT:** Amendments to CSHCR 1(RLS) am, to change eligibility criteria for AIDEA's appointee to Energy Task Force

I appreciate your willingness to assist us with the amendment we discussed on the phone this afternoon.

In the legislation's current form, we believe the eligibility criteria for AIDEA's appointee to the Energy Task Force is very limited which could be to the detriment of AIDEA's meaningful participation in this important task force. The amendment we would appreciate Representative Berkowitz putting forward is below.

Page 2, lines 20-21,

At lines 20-21, delete "one member of the Alaska Industrial Development and Export Authority appointed by the chair of the Authority" and add "one member appointed by the Alaska Industrial Development and Export Authority"

If you need additional information, my direct line at AIDEA is 269-3001. Bob Poe, AIDEA's executive director, would also be happy to answer any questions the Representative or you may have.

Thank you.

# **AKPIRG LOBBY**

Alaska Public Interest Research Group PO Box 101093, Anchorage, AK 99510  
Phone: 907-278-3661 Fax: 907-278-9300 email: akpirg@akpirg.org web: www.akpirg.org

April 24, 2001

**Re: HCR 1 – Comprehensive Energy Task Force**

Senator Gene Therriault  
Chair, Senate State Affairs Committee

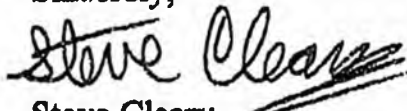
Dear Senator Therriault:

Alaskans want an energy plan to secure their energy future. Passage of HCR 1 in the House by a 33-2-5 margin was the first step toward that goal. We urge quick passage of this forward-thinking legislation in the Senate. Over a hundred supporters signaled their approval of this resolution by signing our petition this weekend.

They know that Cook Inlet gas is waning and that Alaskans need to be guaranteed a share of the gas resources that they, as Alaskans, own on the North Slope. We need to plan for our children so that they may enjoy the same energy security that we have now, without having to pay exorbitant rates or to burn coal for their energy needs.

Thank you for your help in this important matter.

Sincerely,



Steve Cleary  
Alaska Public Interest Research Group

# HELP AKPIRG PROMOTE ALTERNATIVE ENERGY

We, the undersigned support HCR 1, a resolution to create a Task Force on a Comprehensive Energy Plan for Alaska, with AkPIRG as a member of this important task force. The State of Alaska needs to develop alternative to fossil fuels and can look to its circumpolar neighbors who have done valuable research. Don't let the oil and gas industry plan our energy future. This resolution passed the house 33-2, and we urge quick Senate passage.

NAME	ADDRESS	PHONE	E-MAIL
1. Veronica	PO Box 8548	(917) 496-9571	Cheka8548@Hotmail.com
2. Kendra Sheldon	3600 East 20th Ave	(907) 279-0522	redna.somaleba@Gmail.com ksheldon@aliso.com
3. FRANK QUINN	645 G ST #5754 Anch 99501	696-6967	www.HappyVoter.com FRANKQUINN@ADL.com
4. Desiree Williams	500 Barra Loon Wasilla 355-4975		
5. Bill Wielechowski	8603 Turf Ct, Anch 99504	333-2806	wielechowski@aliso.com
6. Lolita Krip	8603 Turf Ct, Anch 99504		lkrip@hotmail.com
7. Rachel Alcasia	926 W. 21st Ave. Apt. 115 Anch, AK 99503		galumn21@hotmail.com
8. Jana Stephens	5325-A Sharon St Anch AK 99503		stjana@juna.com
9.			
10.			
11.			
12.			
13.			

# HELP AKPIRG PROMOTE ALTERNATIVE ENERGY

We, the undersigned support HCR 1, a resolution to create a Task Force on a Comprehensive Energy Plan for Alaska, with AKPIRG as a member of this important task force. The State of Alaska needs to develop alternative to fossil fuels and can look to its circumpolar neighbors who have done valuable research. Don't let the oil and gas industry plan our energy future. This resolution passed the house 33-2, and we urge quick Senate passage.

NAME	ADDRESS	PHONE	E-MAIL
1. Shawna Cott	3830 Carleton Ave	243-1252	lovechild141@hotmail.com
2. Carly Allen	8439 Jupiter	346-1751	chuck14@hotmail.com
3. Augustin Edmund	712W Broadway #2	272-2009	
4. Margaret McConnaughey	12840 VanSchoeben Anch	99516 345-7034	@grinet
5. Catherine	P.O. Box 101494		Carribu1@hotmail.com
6. BRUCE NEILSON	P.O. BOX 81 CUMGULCH AK 99568		brucedneilson@YAHOO.COM
7. Matthew Moser	6558 RD Independence, KS 67801	(620) 331-2846	
8. Harry Kim	P.O. Box 242032 Anchorage AK 99524		SKIMSU2FEYAHOO
9. Ciri Vail	P.O. Box 344 Girdwood, AK 99587	783-2966	
10. Bob Randall	2129 Sunrise Anchorage AK 99508	274-9938	bbr@trustees.org
11. Jenna Robinson	Box 8565 Indian AK	653-1033	
12. Jamie Stulstno	Box 2600 E. 20th St Anch. AK		
13. Jacqui Bohlen	3350 W. 1st #2 Anch. AK 99502		

Jbohlen@pti  
alaska.  
net

# HELP AKPIRG PROMOTE ALTERNATIVE ENERGY

We, the undersigned support HCR 1, a resolution to create a Task Force on a Comprehensive Energy Plan for Alaska, with AkPIRG as a member of this important task force. The State of Alaska needs to develop alternative to fossil fuels and can look to its circumpolar neighbors who have done valuable research. Don't let the oil and gas industry plan our energy future. This resolution passed the house 33-2, and we urge quick Senate passage.

NAME	ADDRESS	PHONE	E-MAIL
1. <i>Jessica Kasper</i>	Anchorage, AK 99516-5518 17015 Nicklebar St.		
2. <i>Cathy Gitter</i>	2622 Capman Court Anchorage 99517		
3. <i>ANDY CAMAN</i>	207 G STREET #100 ANCH. AK	907 274 3068	LOJAG37@HOTMAIL.COM
4. <i>Cristy Pitrusin</i>	7370 Biglerville Cir Anch, AK 99507	314-0051	
5. <i>Melia Hanson</i>	1405 W 4th AVE Anchorage, AK 99503	563-1210	similie@alaska.net
6. <i>Dennis Waseff</i>	1571 BIRCHWOOD ANCH. AK	333-3983	dwaseff@alaska.net
7. <i>Margaret Menting</i>	53735 Anselow Kenai, AK	283-9371	
8. <i>GRAHAM SEESE</i>	3760 Fairway Dr. ANCH AK 99505	346-3334	CC:GSEESE@ALASKAALTERNATIVE.COM
9. <i>Julian Brelford</i> (+01win!)	5909 Linkerby Cir	338-5520	cerewa@yahoo.com
10. <i>Denise Lewis</i>	1942 Stearns Dr	279-7529	
11. <i>Suzanna Grimscheid</i>	PO Box 14158 1200 W DENNING ST ANCH AK 99515	770-1720	
12. <i>SEAN WILSON</i>	ANCH AK 99515	822-0785	
13. <i>CANDY MAE</i>	PO BOX 240912 ANCH AK 99524		

# HELP AKPIRG PROMOTE ALTERNATIVE ENERGY

We, the undersigned support HCR 1, a resolution to create a Task Force on a Comprehensive Energy Plan for Alaska, with AkPIRG as a member of this important task force. The State of Alaska needs to develop alternative to fossil fuels and can look to its circumpolar neighbors who have done valuable research. Don't let the oil and gas industry plan our energy future. This resolution passed the house 33-2, and we urge quick Senate passage.

NAME	ADDRESS	PHONE	E-MAIL
1. J. MARK TILLOTSON, MD	5944 BLANKENY	929-5122	drblu@eyes.com hotma.c.
2. Matthew Cook	110 20th Street #7		MRVIG@alaska.com
3. Cheryl Lee Rutledge	3550 Amber Bay Loop	349-2027 99515	com
4. Donald L. Williams	1142 G St Anch	99501	276-1917
5. Joyce Pechstin	662 W 34th #433	ANCH AK 99503	
6. KATHLEEN CLAIBORNE	5060 W. 86	Anch, AK 99502	271-4314
7. Bill Ferry	4909 Bryn Mawr	Anchorage AK 99508	
8. Hillcoak Country	5436 Dorchmond #1	583-1956	
9. Bernadine Raiskums	2310 Yorkshire Lane	333-2399	berna@gci.net
10. Ron Stevens	538 E 12th		276-2292
11. MYRA HALE	1405 W. 40th #4	ANCH 99503	581-1251
12. Susan Challegren	P.O. Box 202795 anch. ak, 99526		
13. Hal Johnston	7927 Coalbourn St.		243.7920

# HELP AKPIRG PROMOTE ALTERNATIVE ENERGY

We, the undersigned support HCR 1, a resolution to create a Task Force on a Comprehensive Energy Plan for Alaska, with AkPIRG as a member of this important task force. The State of Alaska needs to develop alternative to fossil fuels and can look to its circumpolar neighbors who have done valuable research. Don't let the oil and gas industry plan our energy future. This resolution passed the house 33-2, and we urge quick Senate passage.

NAME	ADDRESS	PHONE	E-MAIL
1. Jamin Hall	1201 Cordova St #2		jaminhall@alaska.net
2. GEORGE NAGEL	720 M St. #2	279-0106	
3. Jennifer Keldsen	750 W 5 <sup>th</sup>	338-9992	
4. Decherby Telec	Falling Water	696-37-60	
5. Cheryl S. Archibald	Washington Wash	(360) 403-9466	alaskankiwi@alaskalife.net
6. Jennifer Robinson	430 Fallex Ct A/A 99504	907-244-1192	
7. Leri Bennett	70. Box 1034 Valdez AK 99517		
8. Robert S. Hayes	P.O. Box 100963 Anch, AK 99510		
9. Mike O'Callaghan	1540 Medway Anch AK 99501		
10. Carol Willis	4138 Brantley Pl. Anch. AK 99508		
11. Joan Franzich	PO Box 1001 Girdwood AK 99587		
12. MARK GONZALEZ	5242 N. LARNED CHICAGO IL 60630	(773) 545-3277	
13. Megan Wachpress	1727 N. Natoma Chicago IL 60707	773-257-2010	

# HELP AKPIRG PROMOTE ALTERNATIVE ENERGY

We, the undersigned support HCR 1, a resolution to create a Task Force on a Comprehensive Energy Plan for Alaska, with AkPIRG as a member of this important task force. The State of Alaska needs to develop alternative to fossil fuels and can look to its circumpolar neighbors who have done valuable research. Don't let the oil and gas industry plan our energy future. This resolution passed the house 33-2, and we urge quick Senate passage.

NAME	ADDRESS	PHONE	E-MAIL
1. Beth Porterfield	2631 Darby Circle Anch. AK	276-0646	
2. Matthew O'Leary	4342 E. 4 <sup>th</sup> Ave Anch AK	337-4991	
3. Maia Thomas	706 Bayview Lwr Ketchikan AK	225-5440	
4. Jess Ely	2821 W 84 <sup>th</sup> Anch AK	49502	243-1204
5. Dale Curry	455 3 <sup>rd</sup> Ave FBS AK	457-7829	
6. MARTHA RUMOTH	406 FISCHER AVE <sup>ANCHORAGE</sup>	99518	
7. Mary Ann	19345 Cof Anchorage, AK	97516	345-3137
8. Van Byrnes	70 Box 770070 Eagle River, AK	99577	6949327
9. Orlando Zumbado	Post Box 5448 Ft Reich AK	99505	
10. Ruth Sheridan	4704 Kenai	Anch	99508
11. Don Long	3337 W 83 <sup>rd</sup>	Anchorage, AK	99502
12. Curtis Smith	17533 Meadow Creek Eagle River	AK	99577
13. Stacy J. Smith	"	"	" "

# HELP AKPIRG PROMOTE ALTERNATIVE ENERGY

We, the undersigned support HCR 1, a resolution to create a Task Force on a Comprehensive Energy Plan for Alaska, with AkPIRG as a member of this important task force. The State of Alaska needs to develop alternative to fossil fuels and can look to its circumpolar neighbors who have done valuable research. Don't let the oil and gas industry plan our energy future. This resolution passed the house 33-2, and we urge quick Senate passage.

NAME	ADDRESS	PHONE	E-MAIL
1. Aileen M. Smith	1145 I St Anch	99501 272-3720	amsmith@
2. BARBARA WISH	PO Box 101043	279-2972	bwish@ <sup>lawyer.</sup> normal.com
3. Kirk Barger	660 E 48th	AARP	
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			

# HELP AKPIRG PROMOTE ALTERNATIVE ENERGY

We, the undersigned support HCR 1, a resolution to create a Task Force on a Comprehensive Energy Plan for Alaska, with AkPIRG as a member of this important task force. The State of Alaska needs to develop alternative to fossil fuels and can look to its circumpolar neighbors who have done valuable research. Don't let the oil and gas industry plan our energy future. This resolution passed the house 33-2, and we urge quick Senate passage.

NAME	ADDRESS	PHONE	E-MAIL
1. <i>Kenneth A. Dunn</i>	1850 Vashon Cir. Anchorage AK 99515	349-5378	alldunn@ gci.net
2. LEONARD W. DUNN	1850 VASHON CIRCLE ANCHORAGE AK	349-5378	LEW-DUNN @HOTMAIL.COM
3. Phil Johnson	P.O. Box 1325 Kotzebue AK 99752	442-3855	piecej@ scn.org
4. Christy Garrett	1701 Bellevue Ln Drch 99515	349-3414	Christygarrett@ yahoo.com
5. Terra Rents	23554 Ale Skies Dr Chugiak, AK 99567	682-4844	terra@pobox. alaska.net
6. Isaac Moller	P.O. Box 113437 Anch., AK 99511 Anchorage AK 99522	361-7143	isack@altavista
7. Thomas Hoosier	P.O. Box 221542	248-7527 562-5838	HOOSIER@GCI.NET
8. JOHN WENGER	3217 OIL DR. ANC. AK 99507 Anch-AK		gowild@alaska.net
9. Sharon Ferguson	1227 E. 27th Ave 99508	343-4257	
10. Sarah Armstrong	6800 Colonial City Ave 99502		
11. Tom Macchia	P.O. Box 221285 Anch. 99522		tmacchia@hotmail.com
12. Lisa McKenzie	905 Richardson Vista # 72		alaskalisa@gci.net
13. Jennifer Johnson	1300 W 7th #113 ANCH 99501		

Alaska State Legislature  
House of Representatives  
Minority Leader



Alaska State Capitol  
Juneau, Alaska 99801-1182  
1-907-465-4919 (phone)  
1-888-465-4919 (toll free)  
1-907-465-2137 (fax)

Interim Address  
716 West Fourth Avenue  
Anchorage, Alaska 99501-2133  
(phone) 1-907-269-0130  
(fax) 1-907-269-0132

Representative Ethan Berkowitz  
District 13

Date: April 9, 2001

To: Senator Gene Therriault, Senate State Affairs Committee Chair

From: Ethan Berkowitz

Handwritten signature of Ethan Berkowitz in black ink.

Re: CS for HCR 1 (RLS) am hearing

---

House Concurrent Resolution 1 (short title "Statewide Comprehensive Energy Plan Task Force") has a referral to the Senate State Affairs Committee. Copies of the sponsor statement, the bill, an article about energy policy, two letters of support, a zero fiscal note, a bibliography of recent Statewide Energy Plans, and the executive summary of the Denali Commission's draft Rural Energy Plan are attached. Please schedule the bill for a hearing. I suggest teleconferencing the hearing to encourage public input.

HCR 1 seeks to establish a Task Force that will examine the condition of Alaska's energy resources, identify areas of necessary improvement, and recommend actions to achieve short- and long-term goals.

I look forward to working with you and your staff on HCR 1. Please contact my aide, Patrick Flynn, or me if you have questions. Thank you in advance for your consideration.

Alaska State Legislature  
House of Representatives  
Minority Leader



Alaska State Capitol  
Juneau, Alaska 99801-1182  
1-907-465-4919 (phone)  
1-888-465-4919 (toll free)  
1-907-465-2137 (fax)

Interim Address  
716 West Fourth Avenue  
Anchorage, Alaska 99501-2133  
(phone) 1-907-269-0130  
(fax) 1-907-269-0132

Representative Ethan Berkowitz  
District 13

**CS for House Concurrent Resolution 1 (RLS), amended House**

**“Relating to establishing a Task Force on a  
Statewide Comprehensive Energy Plan.”**

**Sponsor Statement**

Throughout Alaska we depend on a variety of energy resources - diesel, wind, natural gas, coal, and hydro to name a few - to provide the power Alaskans need. Ensuring that we have sufficient power to fuel economic development and maintain health and safety is critical to Alaska's future.

House Concurrent Resolution 1 seeks to establish a Task Force that will examine the condition of Alaska's energy resources, identify areas of necessary improvement, and recommend actions to achieve short- and long-term goals.

Task Force members include:

- one member of the Senate appointed by the Senate President
- one member of the House of Representatives appointed by the Speaker
- one member appointed by the Alaska State Chamber from the transportation sector
- one member appointed by the Alaska Village Electric Cooperative
- one member appointed by the Alaska Rural Electric Cooperative Association
- one member appointed by the Alaska Oil & Gas Association
- one member appointed by the Alaska Coal Association
- one member appointed by the Alaska Audubon Society
- one member appointed by the Alaska State AFL-CIO
- one member appointed by the Alaska Public Interest Research Group
- one member appointed by agreement of the co-chairs of the Denali Commission
- one member of the Alaska Industrial Development & Export Authority appointed by the chair of the authority

In order to move forward and achieve the prosperity and quality of life that is part of Alaska's promise, we must secure reliable, affordable energy. I would appreciate your support.

*E-mail: Representative\_Ethan\_Berkowitz@legis.state.ak.us*

**CS FOR HOUSE CONCURRENT RESOLUTION NO. 1(RLS) am**

**IN THE LEGISLATURE OF THE STATE OF ALASKA**

**TWENTY-SECOND LEGISLATURE - FIRST SESSION**

**BY THE HOUSE RULES COMMITTEE**

**Amended: 4/2/01**

**Offered: 3/30/01**

**Sponsor(s): REPRESENTATIVES BERKOWITZ, Kapsner, Lancaster, Halcro, Murkowski, Guess, Kerttula, Davies, Hayes, Cissna**

**A RESOLUTION**

1 **Relating to establishing a Task Force on a Statewide Comprehensive Energy Plan.**

2 **BE IT RESOLVED BY THE LEGISLATURE OF THE STATE OF ALASKA:**

3 **WHEREAS** the people of Alaska deserve access to reliable, affordable energy; and

4 **WHEREAS** the cost and availability of energy affects economic development and  
5 public health and safety;

6 **BE IT RESOLVED** by the Alaska State Legislature that the Task Force on a  
7 Statewide Comprehensive Energy Plan is established

8 (1) to study the current state of energy resources in the state, including  
9 development, generation, transmission, and delivery of reliable, affordable energy; to examine  
10 the roles of the federal, state, municipal, and tribal governments in providing reliable,  
11 affordable energy; and to determine whether changes ought to be made in the roles of the  
12 federal, state, municipal, and tribal governments;

13 (2) to recommend any legislation needed to accomplish the changes the task  
14 force determines necessary;

15 (3) to recommend financing options, including federal, state, or municipal  
16 grants, bonds, or other means; and

1 (4) to prepare a statewide comprehensive energy plan addressing short-term  
2 and long-term energy needs and goals for the state; and be it

3 **FURTHER RESOLVED** that the task force shall be composed of 12 members,  
4 appointed as follows:

5 (1) one member of the senate appointed by the president of the senate;

6 (2) one member of the house of representatives appointed by the speaker of  
7 the house of representatives;

8 (3) one member appointed by the Alaska State Chamber of Commerce from  
9 the transportation industry;

10 (4) one member appointed by the Alaska Village Electric Cooperative;

11 (5) one member appointed by the Alaska Rural Electric Cooperative  
12 Association;

13 (6) one member appointed by the Alaska Oil and Gas Association;

14 (7) one member appointed by the Alaska Coal Association;

15 (8) one member appointed by the Alaska Audubon Society;

16 (9) one member appointed by the Alaska State AFL-CIO;

17 (10) one member appointed by the Alaska Public Interest Research Group;

18 (11) one member of the Denali Commission appointed by agreement of the  
19 co-chairs of the Denali Commission;

20 (12) one member of the Alaska Industrial Development and Export Authority  
21 appointed by the chair of the authority; and be it

22 **FURTHER RESOLVED** that the task force may not pay for or reimburse task force  
23 members for travel expenses or per diem; and be it

24 **FURTHER RESOLVED** that the task force shall report its findings and  
25 recommendations and present the statewide comprehensive energy plan to the governor, the  
26 speaker of the house of representatives, and the president of the senate no later than  
27 January 19, 2002; and be it

28 **FURTHER RESOLVED** that the task force

29 (1) may begin work immediately upon the appointment of its full membership  
30 or by June 15, 2001, whichever date is earlier;

31 (2) may conduct its work during the legislative session and in the interim

1 between legislative sessions;

2 (3) may use the teleconference network, meet by teleconference, and hold  
3 public hearings; and

4 (4) is terminated at 11:59 p.m. on March 1, 2002.

# FISCAL NOTE

**STATE OF ALASKA**  
**2001 LEGISLATIVE SESSION**

Fiscal Note Number: 1  
 Bill Version: CSHCR 1(CRA)  
 (H) Publish Date: 2/21/01

Revision Date/Time (Note if correction): \_\_\_\_\_ Dept. Affected: \_\_\_\_\_  
 Title: HCR 1 Statewide Comprehensive Energy BRU: \_\_\_\_\_  
           Plan Task Force Component: \_\_\_\_\_  
 Sponsor: Rep. Berkowitz \_\_\_\_\_  
 Requester: HC&RA Component Number: \_\_\_\_\_

**Expenditures/Revenues** (Thousands of Dollars)

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

OPERATING EXPENDITURES	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
Personal Services						
Travel						
Contractual						
Supplies						
Equipment						
Land & Structures						
Grants & Claims						
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>CAPITAL EXPENDITURES</b>						
-----------------------------	--	--	--	--	--	--

<b>CHANGE IN REVENUES ( )</b>						
-------------------------------	--	--	--	--	--	--

**FUND SOURCE** (Thousands of Dollars)

1002 Federal Receipts						
1003 GF Match						
1004 GF						
1005 GF/Program Receipts						
1037 GF/Mental Health						
Other (Specify Type)						
<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>

Estimate of any current year (FY2001) cost: 0.0

**POSITIONS**

Full-time						
Part-time						
Temporary						

**ANALYSIS:** *(Attach a separate page if necessary)*

Prepared by: Lorali Meier, Committee Aide HC&RA Phone 465-6588

Representative Meyer Date 2/16/01  
Committee Co-Chair

**adn.com**

Anchorage Daily News

## **Alaska needs an energy policy**

**Compass: Points of view from the community***(Published February 12, 2001)*

We depend on energy in many forms, at prices equitable to business, industrial and domestic users. Both major presidential candidates emphasized the need for a national energy policy during the recent campaign. Since taking office, President Bush has reconfirmed his commitment to a national energy policy.

The importance of energy to Alaskans' economy and lifestyles is much greater than in other states. This is because of our energy reserves, both developed and undeveloped; the employment of many Alaskans in the energy industry; the importance of oil revenues to state and local governments; and the need for and difficulty of providing energy at reasonable cost to both urban and rural communities.

Alaska's per-capita consumption of energy is extremely high. Our major industries, including commercial fishing, tourism, transportation, mining and logging, are all heavy energy consumers. High energy costs in Alaska -- whether for home heating, auto fuel, electricity, or industry -- affect our lifestyles, our pocketbooks and our economy.

Just as the nation needs to develop an energy policy to guide and balance its energy dependence, Alaska should develop an energy policy to prepare for the future. Alaska is fortunate to have vast energy reserves and is the major energy exporting state, but because of our large size and remoteness from national and world markets, Alaska is unique among the 50 states in the urgency of its need to develop a state energy policy.

No one source of energy will meet our needs. Alaska and the rest of the United States need to develop several sources to address the local and regional diversity in availability and demand for energy.

Alaska will continue to play a major role in supplying oil, and perhaps natural gas, to the rest of the United States. Our huge North Slope gas reserves, once they become available to Alaska's major population centers and the Lower 48, will contribute substantially to improved air quality and reduced emission of greenhouse gases.

Advances in fuel cell technology are making it possible to convert fossil fuels to available energy with far greater efficiency and much less pollution than through conventional combustion. Natural gas is the fuel of choice for fuel cells. The Postal Service in Anchorage is the first in the nation to install a fuel cell using natural gas to assure uninterrupted electric power for its electronic equipment. Any surplus electricity that is generated enters the Anchorage, Kenai and Railbelt intertie system.

Alaska might develop and use energy from a variety of sources in addition to fossil fuels. Hydropower, for instance, has potential in Southeast Alaska and other Gulf of Alaska coastal communities.

Alaska could be a leader in development and marketing of wind power generation technology, which has seen substantial improvements in recent years. As a result, wind generation of electricity is proving economically feasible in Kotzebue, thanks to a state-supported trial program. In many parts of Western and northwestern Alaska and probably in most coastal communities, wind generation could reduce dependence on diesel fuel currently used in community power plants. This could reduce the high costs of barging fuel during limited freight seasons.

There is a rapidly expanding market for wind power generation throughout the world. Alaska has greater wind power generation potential than any other state and more than most other countries.

Several other energy sources occur around the state. They include local reserves of coal, natural gas and geothermal energy; tidal and wave power; and solar power. These offer potential for seasonal balance with wind generation.

It is clear that Alaska needs to prepare for its energy future through development of an energy policy that goes beyond but also includes the current focus on a gas pipeline. An energy policy must be based on an accounting of our current and anticipated energy needs, consideration of present and projected energy transmission systems, an assessment of our known and potential energy resources, potentials for energy conservation in building design and efficiency, and assessment of environmental costs of energy options.

I urge Gov. Knowles and the Legislature to jointly develop an energy policy for Alaska.

David R. Klein is professor emeritus with the Institute of Arctic Biology at the University of Alaska Fairbanks.

Close Window

Copyright © 2001 The Anchorage Daily News (www.adn.com)



UNIVERSITY OF ALASKA FAIRBANKS

INSTITUTE OF ARCTIC BIOLOGY  
PO Box 757000  
Fairbanks, Alaska 99775-7000 U.S.A.

FEB 21 2001

(907) 474-7640  
FAX: (907) 474-6967

Representative Kevin Meier  
Cochair, House Community and Regional Affairs Committee  
State Capitol  
Juneau, AK 99801

February 16, 2001

Dear Representative Meier,

I wish to provide comments on House Concurrent Resolution 1 re a Task Force on a Statewide Comprehensive Energy Plan. I understand that you have copies of the op-ed articles on an energy policy for Alaska that I wrote and were published in the Anchorage Daily News and Fairbanks News-Miner. In addition to the comment within these articles, I have the following comments:

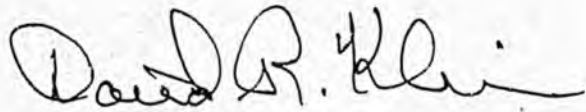
I strongly support the concept of a task force to consider and develop a comprehensive energy plan and associated policies. Task force efforts should have a broad focus.

- 1) Emphases should include state reserves of conventional energy resources, their current and potential development, distribution and uses, but also alternative and renewable energy reserves and potentials.
- 2) Efficiency in use of all types of energy is equally important in Alaska as elsewhere and must be a major consideration by the task force, including new technologies rapidly developing in response to the current high fuel costs. These include fuel cells, building design and utilities for efficiency in heating, cooling and electrification.
- 3) New technology for cleaner uses of conventional fuels is important. This should include the possible justification for further investment in completion of the upgrading of the Healy Clean Coal Plant so that it can meet the planned design standards for air quality and cost efficiency. Diesel fuel, so important in our transport industry (trucking, the Alaska Railroad, the Marine Highway System, the Trans Alaska Pipeline), commercial fishing, logging, and mining is a dirty fuel that is a major atmospheric pollutant that medical authorities blame for contributing to increasing cancer rates in urban centers throughout the country. Technology is now available to allow our refineries to greatly reduce the sulfur content of diesel and improve its energy conversion efficiency.

- 4) Alternative energy development is advancing rapidly throughout the world and Alaska should be in the forefront of this development. We should invest a significant portion of the revenues we receive from extraction of our nonrenewable energy resources in alternative and renewable energy development. This should be considered as a payback to our children and all future generations for our use and, therefore, draw down of the nonrenewable energy resources of the state. Our coastal frontage on the sea, greater than that of the rest of the United States, offers us the potential for meeting a major share of our future energy needs via the energy of the tides, the waves, and oceanic winds. Electric power generation from wave action, which has been under development in Norway and Scotland for several years, is now finding increasing uses to meet small-scale needs, such as for navigational lighting. The island of Islay off the west coast of Scotland is now provided with electricity from a wave-energized power plant. Hydrogen, the clean burning fuel of the future for automobiles and fuel cells, is now being used in buses in Chicago and Vancouver, B.C. and its market value is increasing exponentially. The tremendous capacity for wind generation in the Aleutians and other coastal areas offers the potential for large-scale production of hydrogen, and its liquefaction and shipment to future markets throughout the Pacific Rim.
- 5) Any energy plan for Alaska must be approached from the perspective of our relationship to the rest of the United States, both as an energy consumer, as well as an energy exporter, but also as an energy partner with adjacent Canada and as part of the world community. In this regard, it is noteworthy that there will be a very energy-relevant conference in Whitehorse during March 18-21, 2001 titled, "Climate Change in the Circumpolar North". For details see the conference web page [www.taiga.net/nce](http://www.taiga.net/nce).
- 6) A state energy plan and policy must be guided by the state's responsibility to support long-term national and international goals of reduction in production of "greenhouse gases" that are contributing to global climate change. The associated detrimental consequences are already being felt in Alaska, such as thawing of permafrost on the North Slope, accelerated beach erosion at arctic coastal communities, decrease in thickness and duration of sea ice in the Bering Sea and Arctic Ocean which limits its use as a platform for subsistence hunting of marine mammals by residents of coastal communities.
- 7) A major benefit from a statewide energy plan should be substantial savings in cost to the state government through increased efficiency of energy transportation and availability to all parts of the state, rural as well as urban. Cost savings in provision of energy to rural communities for electric power generation would lessen the need for current state subsidization, and should be a major goal of a state energy plan.
- 8) The environmental and human health costs of current and proposed production and use of energy within the state should be assessed, whether from renewable or nonrenewable sources, and minimization of these costs should be a guiding principle in the development of a state energy plan and subsequent energy policy.

Thank you for the opportunity to comment on this important legislative proposal.

Sincerely,

A handwritten signature in black ink that reads "David R. Klein". The signature is written in a cursive style with a large initial "D" and a long horizontal stroke at the end.

David R. Klein  
Professor Emeritus  
Institute of Arctic Biology  
University of Alaska Fairbanks

CC: Representative Ethan Berkowitz



Alaska Conference of Mayors

217 Second Street, Suite 200 ■ Juneau, Alaska 99801 ■ Tel (907)586-1325, Fax (907)-463-5480

February 16, 2001

Representative Ethan Berkowitz  
State Capitol, Room 404  
Juneau, AK 99811

Dear Representative Berkowitz:

We are writing in support of HCR 1 Relating to a Task Force on a Statewide Comprehensive Energy Plan. As stated in the *2001 Alaska Municipal League Policy Statement*, approved November 2000, supports the development of a comprehensive statewide energy plan.

**Part IV. Economic Development & Resource Management:**

**8. Alaska Energy Plan:** The League supports the expeditious development of the first statewide Alaska Energy Plan by the State Division of Energy and the federal government coordinated by the Denali Commission, and urges that the process broadly involve all interested citizens in all communities.

The Alaska Municipal League is also working as a member of the Denali Commission, together with the State, to develop a statewide energy plan. It appears that this Task Force could be of benefit in steering the process and ensuring that there is broad public participation.

If you have any questions on this or any other municipal issues, please call me at 586-1325.

Sincerely,

Kevin Ritchie  
Executive Director

cc: AML Land Use, Economic Development & Resources Subcommittee

# Legislative Research Services

Alaska State Legislature  
Legislative Affairs Agency  
Division of Legal and Research Services

State Capitol  
Juneau, AK 99801  
Phone: 907-465-3991  
Fax: 907-465-3908

January 10, 2001

JAN 10 2001

## Memorandum

TO: Representative Ethan Berkowitz

FROM: Cherie Nienhuis *ON*  
Legislative Analyst

RE: Bibliography of Statewide Energy Studies, 1990 to Present  
Research Request 01.045

You asked for a bibliography of all statewide energy studies that have been done for the state of Alaska from 1990 to present. We contacted the Alaska State Library, the Alaska Industrial Development and Export Authority and the Alaska Energy Authority within that agency, the University of Alaska Anchorage Institute of Social and Economic Research, and the Alaska Housing Finance Corporation.<sup>1</sup> We also conducted a search of our own Legislative Research library database.

The results of our inquiries are shown below. If you desire a copy of any of the studies listed, please do not hesitate to contact us.

### Available from the Alaska State Library

- "Power Cost Equalization Program Manual," by the Alaska Public Utilities Commission, Alaska Energy Authority, 1990.
- "Power Cost Equalization Program: Cost Reduction Options to the Legislature," by the Alaska Public Utilities Commission, Alaska Energy Authority, 1992.
- "Alaska Energy Authority Strategic Plan," by R.W. Beck & Associates, 1993.
- "Alaska Energy Strategy," by the Alaska Dept. of Community & Regional Affairs, Division of Energy, 1994.
- "Alaska Rural Energy Initiative," by the Alaska Dept. of Community & Regional Affairs, Division of Energy, 1995.
- "Division of Energy Mission and Programs," by the Alaska Dept. of Community & Regional Affairs, Division of Energy, 1997.
- "Energy Update," by the Alaska Dept. of Community & Regional Affairs, Division of Energy, 1997 and 1998.

### Available from the Legislative Research Library

- "Alaska State Energy Corporation (An Overview of the Restructuring Plan for the Alaska Energy Authority), by the Office of the Governor, 1992.
- "Alaska Energy Plan -- Rural (Draft)", by the Alaska Industrial Development and Export Authority, Denali Commission, and U.S. Dept. of Agriculture, 1999.

### Available from the Institute of Social and Economic Research

- "The Economic Significance of the Power Cost Equalization Program," by the Institute of Social and Economic Research, 1998.
- "Rural Energy Plan," by the Alaska Dept. of Community & Regional Affairs, Division of Energy, 1999.
- "Reports and Recommendations of the Governor's Blue Ribbon Panel," by the Alaska Dept. of Community & Regional Affairs, Division of Energy, 1999.

---

<sup>1</sup> At our request, the Alaska State Library conducted a search of their library holdings, and a search of the "WorldCat" database, which accesses library holdings nationwide. We spoke with Richard Emerman at AIDEA and Steve Colt at ISER, both of whom have a long history of working with Alaska energy issues. We found that there were many energy reports produced in the 1970s and 1980s, but that this activity dropped off significantly in the 1990s.

# **SCREENING REPORT FOR ALASKA RURAL ENERGY PLAN**

**DRAFT**

*Prepared for the*

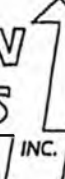
**Alaska Industrial Development  
and Export Authority**

**November 2000**

*Prepared by*

---

*In association with*  
**Electric Power Systems, Inc.  
The Financial Engineering Company  
HDR Alaska, Inc.  
Precision Power, LLC  
URS/Dames & Moore**

**NORTHERN  
ECONOMICS** 

880 H STREET, SUITE 210  
ANCHORAGE, ALASKA 99501  
(907) 274-5600 FAX (907) 274-5601  
e-mail: [norecon@norecon.com](mailto:norecon@norecon.com)  
[www.northemeconomics.com](http://www.northemeconomics.com)

## Executive Summary

This report has been prepared for the Alaska Industrial Development and Export Authority (AIDEA), U.S. Department of Agriculture Rural Development, and the Denali Commission, and is one component of Phase 2 of the Alaska Rural Energy Plan. The report presents a screening analysis conducted to develop a short list of strategies and technologies that hold the most promise for reducing the cost or improving the reliability in rural Alaska. The selected strategies and technologies will be evaluated in more detail as Phase 2 progresses.

Strategies and technologies considered in this screening analysis are divided into six categories:

- Diesel efficiencies
- End-use conservation
- Space and water heating
- Fuel price strategies
- Alternative technologies
- Bulk fuel storage

Specific strategies within each of these topic areas were identified in Phase 1 of the Rural Energy Plan, which was prepared in 1999, or by the consultant team for this screening analysis. Strategies and technologies related to diesel efficiencies, fuel price strategies, end-use conservation, and alternative technologies were evaluated for their potential to significantly reduce the cost of electricity. Strategies related to space and water heating, including waste heat recovery systems and biomass systems, were evaluated for their potential to reduce the cost of heating. Strategies related to construction and financing of bulk fuel storage facilities were evaluated for their potential to reduce the cost of such facilities or to reduce reliance on public funding for such facilities.

Table ES-1 shows the strategies and technologies selected for further study.

**Table ES-1. Short List of Strategies and Technologies Recommended for Further Study**

Topic Area	Category	Strategy or Technology
High Cost of Electricity	Diesel Efficiencies	Switchgear Improvements Microprocessor-Based Engine Controls
	End-Use Conservation	Lighting Appliance Upgrades
	Alternative Technologies	Wind Power
Reliability		Microprocessor-Based Protective Relays
Space and Water Heating		Insulation and Weatherization Heater Upgrades Waste Heat Recovery Systems Conversion of Electric Water Heaters Water Conservation Devices
Bulk Fuel Storage		Local Contributions to Tank Farm Financing <sup>a</sup>

<sup>a</sup> Several other strategies related to the construction of bulk fuel storage facilities are recommended for field testing, but not for further study to assess their potential.

The only alternatives included on the short list are those projected to result in significant benefit to a significant number of people and communities in the near term, assuming that the approach is implemented aggressively. For alternatives intended to address the high cost of electricity, benefits must be projected in the absence of government grants or low interest loans, since virtually any alternative can provide benefits to consumers if a large enough subsidy is provided.

To help identify strategies or technologies that should be considered for further study, AIDEA suggested as a general guideline that, to warrant inclusion on the short list (Table ES-1), any measure to reduce the cost of electricity should be able to lower rates by at least \$0.01 per kilowatt-hour in at least 5 communities within a 5-year period. It is not the intent of AIDEA or the consultant team to rule out alternatives that do not meet these criteria from further consideration or support. The intent is to focus on those alternatives that meet these criteria and to give them priority consideration.

End-use conservation is the only category in which a majority of considered strategies are recommended for further study. Most of the diesel efficiency strategies considered did not meet the criteria for further study. In alternative technologies, only one strategy (wind) of the 12 considered met the criteria. However, more study is recommended for specific issues related to interties.<sup>1</sup> In fuel price strategies, no strategies met the criteria for further study. (While these strategies would be useful and should be considered by all utilities in the course of regular business practices, none appears to have the potential to reduce the cost of electricity by \$0.01 per kilowatt-hour (kWh) for a large number of communities.)

Strategies and technologies considered in the reliability and space and water heating categories were recommended for further study if they were economically viable and would produce obvious benefits in the near future. Six strategies met these criteria. For example, the strategy recommended for further research to improve reliability of electricity in rural Alaska (installation of microprocessor-based relays) was found to be economically justifiable based solely on savings associated with lower costs for distribution system equipment and maintenance. The benefits from improved system reliability associated with these relays could be significant and could be enjoyed by residents of rural Alaska at little or no cost (the cost is offset by other savings).

Because limited funds were available for this analysis, each alternative was examined only to the point that a conclusion could be reached about its potential to meet the screening criteria. As soon as it became unlikely that an alternative would pass the test, the analysis of that alternative was discontinued. For many alternatives, therefore, the analysis is very brief.

Analyses were based on data from the State of Alaska Power Cost Equalization Program, existing literature on energy systems in Alaska, public programs and agencies such as the Rebuild America Program and Alaska Community Development Corporation, the Alaska Energy Authority Circuit Rider Program, equipment manufacturers. The analyses also incorporate information from interviews with specialists and utility personnel throughout the state.

---

<sup>1</sup> Limited additional research is recommended to determine whether the costs and benefits of single wire ground return transmission lines and direct current cables might make interties viable in more locations.