

HB

117

# Alaska State Legislature

Anchorage \* District 10

P.O. Box V  
Juneau, Alaska 99811  
(907) 465-2828

3111 C Street, Suite 412  
Anchorage, Alaska 99503  
(907) 561-2040

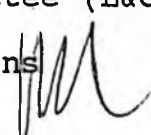


Member  
Alaska Legislative  
Council  
Labor & Commerce  
Committee  
Special Committee  
on Foreign Trade  
Finance Sub-Committee  
for Labor

## Representative Virginia Collins

### M E M O R A N D U M

To: Representative Dave Donley, Chairman  
House Labor & Commerce Committee (L&C)

From: Representative Virginia Collins   
L&C Member

Date: April 13, 1990

Subject: HB 117 - Approp: Power Transmission Facilities

---

Please consider this my request for a hearing on HB 117 as soon as possible. Thank you.



# Alaska State Legislature

## HOUSE OF REPRESENTATIVES

6  
File

Official Business

P.O. Box V  
State Capitol  
Juneau, Alaska 99811

### MEMORANDUM

TO: Representative Dave Donley  
Capitol Rm 13

FROM: Representative Bert Sharp *BMS*

DATE: January 30, 1989

SUBJECT: Information for your evaluation of HB 117  
Railbelt Energy Fund Appropriation

This is background information which I hope you will find important in your evaluation of the merits of increasing the capacity of the Southcentral Interior Power Transmission Grid.

The current cold spell in our areas have resulted in Golden Valley Electric Association (GVEA) surpassing its previous record consumer demand peak which was established over 12 years ago. The new mark was 92,100 kw for GVEA's peak on January 21, 1989. This plus the Fairbanks Municipal System peak of 30,000 kw results in a combined area power demand of over 122,000 kw. The present operating capacity of the Parks Highway Transmission Line is approximately 65,000 kw. This total includes the 26,000 kw output of GVEA's Healy Power Station thus leaving the ability to purchase an additional 39,000 kw from Southcentral utilities.

During the peak levels, the two Fairbanks utilities utilized oil fired turbines to meet the consumer needs over and above the combined output capabilities of their coal-fired units and the transmission tie. The consumption of liquid fuel to accomplish this is currently running about 95,000 gallons daily. During a

recent 7 day period, over 625,000 gallons of oil (which equates to about 4.7 million pounds of fuel) was burned and exhausted into an already heavily laden atmosphere, more commonly known as "ice fog."

A very viable option to this situation is presently available to us; that of authorizing and funding via the Railbelt Energy Fund, projects that will increase the capacity of a Southcentral-Interior power transmission facility. This would assure that the full peaking capacity of Bradley Lake will be usable and appropriate portions deliverable to the Anchorage and Fairbanks load centers. The present system capacity will not do this for either location.

Another point of interest is that GVEA purchased 215 million kwh of electricity from the two Anchorage utilities in 1988. The price paid included well over \$1,000,000 in bottom-line enhancements to these utilities, thereby reducing by that amount the rate of return required from Anchorage consumers.

There will be no costs to the state in future years for ownership, operation, and maintenance of these proposed projects as the user utilities picks up all these costs. The economic benefits to all Southcentral and Interior citizens can only increase with time, and contribute to the future growth and prosperity of Alaska.