

Presented by: Energy Advisory
Committee
Introduced: 10/07/96
Drafted by: J.K./J.R.C.

RESOLUTION OF THE CITY AND BOROUGH OF JUNEAU, ALASKA

Serial No. 1833

A Resolution Addressing Juneau's Decreasing Surplus of Hydropower Generated Electricity.

WHEREAS, Juneau's present surplus of hydropower generated electricity is decreasing more rapidly than anticipated due to robust economic growth, continuation of which will result in exhaustion of the surplus as early as 2000, and

WHEREAS, there has been a substantial increase in new housing, much of which uses electric resistance heat, and

WHEREAS, the most likely alternative to hydropower will be diesel turbine generation, which would produce electricity costing substantially more than the present Snettisham Project wholesale rate of 3.44¢ per kilowatt hour, and

WHEREAS, electric resistance heat has a higher market cost than fuel oil, and

WHEREAS, there is no alternative to electrical energy for uses such as communications, computers, lighting, and a host of others, and

WHEREAS, the Alaska Housing Finance Corporation currently provides an incentive for the installation of electric resistance heat in new Juneau houses through its home energy rating process;

NOW, THEREFORE, BE IT RESOLVED BY THE ASSEMBLY OF THE CITY AND BOROUGH OF JUNEAU, ALASKA:

Section 1. The Assembly finds that the most prudent course of action is to make the best long-term use of our local hydropower supply and accordingly:

a. Urges the Alaska Housing Finance Corporation to modify its energy efficiency rating formula to account for the fact that Juneau will soon change from a hydropower market to one relying on new and costly alternatives.

b. Urges Alaska Electric Light and Power and the Alaska Public Utilities Commission to allow for justifiable increased costs when an electrical heating system is installed in residential or commercial construction.

c. Urges local real estate companies, appraisers and financial institutions to look beyond the initial installation costs of heating systems and to advise clients and customers of the life cycle costs of various alternatives.

d. Urges local builders to consider the long-term impacts of their heating system choices, and the impacts these decisions will have on potential buyers as well as the Juneau community at large.

e. Urges commercial and government entities to consider long-term operating costs when constructing or leasing facilities.

Section 2. Effective Date. This resolution shall be effective immediately upon adoption.

Adopted this 7th day of October, 1996.



Mayor

Attest:



Clerk