

Introduced: 2/16/82  
Referred: Resources and  
Finance

1 IN THE SENATE

BY FERGUSON

2 SENATE RESOLUTION NO. 22

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TWELFTH LEGISLATURE - SECOND SESSION

5 Confirming support for the Organic  
6 Rankine Cycle demonstration project by  
7 the Alaska Power Authority.

8 BE IT RESOLVED BY THE SENATE:

9 WHEREAS the First Session of the Twelfth Legislature appropriated  
10 \$5,000,000 to the Alaska Power Authority to conduct two demonstration projects  
11 on the application of the Organic Rankine Cycle in providing electrification  
12 in northwest Alaska; and

13 WHEREAS the proposals received by the Alaska Power Authority indicate  
14 that only one such demonstration can be conducted for the amount appropriated  
15 to it for that purpose; and

16 WHEREAS the proposals received by the Alaska Power Authority require  
17 using locally-imported, costly petroleum resources; and

18 WHEREAS northwest Alaska, namely Kotzebue and Pilgrim Hot Springs, con-  
19 tain free and abundant geothermal resources; and

20 WHEREAS the Alaska Power Authority has requested legislative direction  
21 as to whether to proceed with the Organic Rankine Cycle demonstration pro-  
22 ject;

23 BE IT RESOLVED by the Alaska State Senate that the Alaska Power Author-  
24 ity is directed to proceed with one Organic Rankine Cycle demonstration util-  
25 izing geothermal resources in northwest Alaska; and be it

26 FURTHER RESOLVED that a portion of the \$5,000,000 appropriation be util-  
27 ized for geothermal drilling to a minimum depth of 7,000 feet in the Kotzebue  
28 area; and be it

29 FURTHER RESOLVED that upon completion of the Kotzebue area drilling  
X

1 either the Pilgrim Hot Springs or Kotzebue area site be designated for the  
2 Organic Rankine Cycle demonstration project.

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