

Offered: 5/30/84  
Referred: Rules

Original sponsor: Kerttula

1 IN THE SENATE BY THE FINANCE COMMITTEE  
2 HOUSE CS FOR CS FOR SENATE BILL NO. 411 (Finance) am H(reengrossed)  
3 IN THE LEGISLATURE OF THE STATE OF ALASKA  
4 THIRTEENTH LEGISLATURE - SECOND SESSION

5 A BILL  
6 For an Act entitled: "An Act relating to the Alaska Power Authority;  
7 authorizing the construction of the Watana and Brad-  
8 ley Lake hydroelectric projects; and providing for an  
9 effective date."

10 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

11 \* Section 1. AS 44.33 is amended by adding new sections to read:

12 Sec. 44.33.600. CREATION OF FUND. (a) There is established in  
13 the Department of Commerce and Economic Development the power develop-  
14 ment revolving loan fund to carry out the purpose of AS 44.83.600 -  
15 44.33.630. The fund may be used for no other purpose.

16 (b) The fund consists of  
17 (1) appropriations to the fund by the legislature;  
18 (2) repayments of principal to the fund; and  
19 (3) income from investment of money in the fund and from  
20 loans made from the fund.

21 Sec. 44.33.610. POWERS AND DUTIES OF DEPARTMENT IN ADMINISTERING  
22 THE FUND. (a) The department may make a loan from the power develop-  
23 ment revolving loan fund to the Alaska Power Authority for the purpose  
24 of financing a power project acquired or constructed by the authority  
25 under the energy program for Alaska (AS 44.83.380 - 44.83.425).  
26 Repayment of a loan from the fund must be made with the proceeds from  
27 the sale of power from projects in the energy program for Alaska.  
28 Except as provided in AS 44.83.398(i), the payments required to be  
29 made by the authority on a loan from the fund constitute debt service

1 for the purpose of calculating the wholesale power rate in AS 44.83.-  
2 398(b)(1).

3 (b) After completion of a final plan of finance and approval of  
4 a project under AS 44.83.185(c), a loan may be made from the fund for

5 (1) the cost or a portion of the cost of final design,  
6 acquisition, and construction of a power project;

7 (2) defeasance or payment of bonds or notes of the author-  
8 ity issued for a power project;

9 (3) the establishment of a reserve fund for renewals and  
10 replacements for the operation of a completed power project; and

11 (4) any other project related expenses including those  
12 described in AS 44.83.398(i).

13 Sec. 44.33.620. LOAN TERMS. (a) A loan from the fund must be  
14 repaid in accordance with the terms that the department determines to  
15 be appropriate. In establishing the terms, including provision for a  
16 return to the state of an amount in excess of the principal amount of  
17 the loan, the department shall consider the revenue that the authority  
18 could reasonably derive from the sale of power from the projects based  
19 upon

20 (1) the market rate of interest for a loan of comparable  
21 size and duration at the time the loan is made; and

22 (2) the estimated costs of alternative sources of energy  
23 generation for utilities purchasing power from a project financed with  
24 a loan from the fund.

25 (b) The department may agree with the authority to defer repay-  
26 ment of a loan. However, the loan must be repaid in full during the  
27 period of the loan agreement.

28 (c) A loan to the authority from the fund may not exceed 50  
29 years.

1           Sec. 44.33.630. DEFINITIONS. In AS 44.33.600 - 44.33.630

2           (1) "authority" means the Alaska Power Authority;

3           (2) "department" means the Department of Commerce and  
4 Economic Development;

5           (3) "fund" means the power development revolving loan fund;

6           (4) "power project" means a project acquired or constructed  
7 under the energy program for Alaska, AS 44.83.380 - 44.83.425.

8 \* Sec. 2. AS 44.83.398 is amended by adding a new subsection to read:

9           (i) The authority may place in a separate interest bearing  
10 account money appropriated to the authority as a loan for the purpose  
11 of meeting the operating expenses of a facility in the initial pro-  
12 ject. The money may be used to replace amounts which were expected to  
13 be paid by a utility potentially served by a facility in the initial  
14 project, which has not entered into a power sales agreement with the  
15 authority. Repayment of the amount loaned must be made from revenues  
16 attributable to power sales from that facility, as limited by the  
17 terms of power sales agreements with power purchasers from that facil-  
18 ity. A loan made in accordance with this subsection is not a state  
19 loan for purposes of calculating the wholesale power rate under (b)(1)  
20 of this section.

21 \* Sec. 3. AS 44.83.398(a) is amended to read:

22           (a) The authority shall sell power produced from power projects  
23 acquired or constructed under the energy program for Alaska. For  
24 purposes of this section, Lake Tyee, Swan Lake, Solomon Gulch, and  
25 Terror Lake hydroelectric facilities are considered to be one power  
26 project. This power project is referred to as the initial project [A  
27 UTILITY THAT PURCHASES POWER PRODUCED BY A POWER PROJECT OF THE AU-  
28 THORITY SHALL AGREE WITH THE AUTHORITY

29           (1) TO GIVE PREFERENCE IN THE SALE OF POWER AT RETAIL TO

1 ALL CLASSES OF CONSUMERS OF POWER EXCEPT INDUSTRIAL CONSUMERS;

2 (2) TO CHARGE INDUSTRIAL CONSUMERS OF POWER A RATE DE-  
3 TERMINED BY THE AUTHORITY IN ACCORDANCE WITH (d) OF THIS SECTION].

4 \* Sec. 4. AS 44.83.398(b) is amended to read:

5 (b) The authority shall establish a wholesale power rate struc-  
6 ture applicable to sales of power to the [ITS] customers [AT THE  
7 BUSBAR] of a power project as follows:

8 (1) The authority shall establish and maintain a separate  
9 wholesale power rate applicable to each power project that it has  
10 acquired or constructed under the energy program for Alaska, other  
11 than a project described in (f) of this section. The wholesale power  
12 rate established by the authority for the initial project shall be a  
13 rate calculated under this paragraph except that the portion of the  
14 rate applicable to (A) and (C) of this paragraph shall be adjusted for  
15 the hydroelectric facilities in the initial project as set out in (3)  
16 of this subsection. The wholesale power rate shall be computed by the  
17 authority annually, or more frequently as may be necessary, and shall  
18 equal the rate that the authority estimates is necessary to produce  
19 revenue that is sufficient to pay

20 (A) operation, maintenance, and equipment replacement  
21 costs of the power project;

22 (B) the power project's proportionate share of the  
23 debt service on state loans and bonds for all power projects in  
24 the energy program for Alaska, determined in accordance with (g)  
25 of this section;

26 (C) safety inspections and investigations of the power  
27 project by the authority.

28 (2) If, by July 1, 1991, the legislature has not appropri-  
29 ated at least \$5,000,000,000 to the fund, in addition to

1 appropriations to the fund of interest earned on money in the fund,  
2 the authority shall, beginning on that date, establish and maintain a  
3 separate wholesale power rate applicable to each power project that is  
4 acquired or constructed under the energy program for Alaska. The  
5 wholesale power rate shall be computed by the authority annually, or  
6 more frequently as may be necessary, and shall be the greater of

7 (A) 10 percent of the amount the authority has in-  
8 vested in the power project, including loans and grants made by  
9 the state; or

10 (B) the rate that the authority estimates is necessary  
11 to produce revenue sufficient to pay

12 (i) operation, maintenance, and equipment re-  
13 placement costs of the power project;

14 (ii) the power project's proportionate share of  
15 debt service on state loans and bonds for all power projects  
16 in the energy program for Alaska, determined in accordance  
17 with (g) of this section; and

18 (iii) safety inspections and investigations of the  
19 power project by the authority.

20 (3) For the purposes of determining amounts to be allocated  
21 to each hydroelectric facility in the initial project under (1)(A) and  
22 (1)(C) of this subsection, the authority shall determine for each  
23 hydroelectric facility its individual operation, maintenance, equip-  
24 ment replacement, safety inspection, and investigation costs.

25 \* Sec. 5. AS 44.83.398(e) is amended to read:

26 (e) After determining the wholesale power rate for a power  
27 project under the provisions of this section, the authority may adjust  
28 the rate or change the rate provisions to insure that the revenue  
29 derived from that power project and the aggregate revenues of the

1 authority will be adequate to comply with the rate covenants and other  
2 agreements contained in any trust indenture or trust agreement entered  
3 into by the authority for the security of the holders of bonds issued  
4 to finance power projects in the energy program [ENERGY PROGRAM] for  
5 Alaska. The authority may agree with a purchaser of power to limit  
6 rate increases caused by debt service payable by the authority on  
7 subsequent projects.

8 \* Sec. 6. AS 44.83.398(g) is amended to read:

9 (g) For the purposes of (b)(1)(B) [AND (b)(2)(B)(ii)] of this  
10 section, a power project's proportionate share of debt service on  
11 state loans and bonds for all power projects in the energy program for  
12 Alaska is equal to the state's investment in the power project divided  
13 by the state's investment in all power projects in the energy program  
14 for Alaska and multiplied by the debt service on state loans and bonds  
15 for all power projects in the energy program for Alaska. In this  
16 subsection

17 (1) "state's investment in the power project" includes all  
18 state money invested in a power project, including loans, grants, and  
19 proceeds from bonds, less the principal repayments on the project's  
20 proportionate share of debt service on state loans and bonds;

21 (2) "state's investment in all power projects in the energy  
22 program for Alaska" includes all state money invested in the power  
23 projects, other than interties, in the energy program for Alaska,  
24 including loans, grants, and proceeds from bonds, less the principal  
25 repayments on bonds and state loans issued for the power projects.

26 \* Sec. 7. AS 44.83.398(b)(2) is repealed.

27 \* Sec. 8. AS 44.83.398(d) is repealed.

28 \* Sec. 9. In accordance with AS 44.83.185(c), the Bradley Lake hydro-  
29 electric project is authorized for construction at a construction cost of

1 \$300,000,000 in July 1983 dollars.

2 \* Sec. 10. In accordance with AS 44.83.185(c), the Watana Dam phase of  
3 the Susitna River hydroelectric project is authorized for construction at a  
4 construction cost of \$3,750,000,000 in January 1983 dollars.

5 \* Sec. 11. Sections 1 and 2 of this Act take effect July 1, 1984.

6 \* Sec. 12. Sections 3 - 10 of this Act take effect immediately in  
7 accordance with AS 01.10.070(c).