



# LAWS OF ALASKA

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**Source**

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**Chapter No.**

90

## AN ACT

Making appropriations to various state agencies for energy-related programs and projects, and repealing 1980 appropriations for a power project; and providing for an effective date.

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

THE ACT FOLLOWS ON PAGE 1, LINE 11

Approved with Item Vetoes: July 18, 1981

Actual Effective Date: August 4, 1981

## AN ACT

Making appropriations to various state agencies for energy-related programs and projects, and repealing 1980 appropriations for a power project; and providing for an effective date.

\* Section 1. The sum of \$323,900,000 and the interest earned on the investment of that sum are appropriated from the general fund to the power development fund of the Alaska Power Authority (AS 44.83.400 - 44.83.510) for the following projects in the amounts specified after each:

(1) Bradley Lake	\$15,000,000
(2) Green Lake	60,000,000
(3) Port Lions	1,400,000
(4) Solomon Gulch	68,000,000
(5) Swan Lake	53,000,000
(6) Terror Lake	81,500,000
(7) Tyee Lake	45,000,000

\* Sec. 2. The sum of \$76,000,000 and the interest earned on the investment of that sum are appropriated from the general fund to the power development fund of the Alaska Power Authority (AS 44.83.400 - 44.83.510) for acquisition of a right-of-way for and design and construction of a 345 KV electrical transmission system connecting Anchorage and Fairbanks.

\* Sec. 3. The sum of \$750,000 and the interest earned on the investment of that sum are appropriated from the general fund to the power development fund of the Alaska Power Authority (AS 44.83.400 - 44.83.510) for acquisition

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1 of a right-of-way for and design and construction of an electrical trans-  
2 mission system connecting Craig and Klawock,

3 \* Sec. 4. The sum of \$200,000 and the interest earned on the investment  
4 of that sum are appropriated from the general fund to the power development  
5 fund of the Alaska Power Authority (AS 44.83.400 - 44.83.510) for construc-  
6 tion of a single wire ground return transmission line between Kobuk and  
7 Shungnak.

8 ~~\* Sec. 5. The sum of \$3,250,000 and the interest earned on the invest-~~  
9 ~~ment of that sum are appropriated from the general fund to the power develop-~~  
10 ~~ment fund of the Alaska Power Authority (AS 44.83.400 - 44.83.510) for phase~~  
11 ~~I of a transmission line between Barrow and Atkasook.~~

12 \* Sec. 6. The sum of <sup>37,310,000</sup>~~\$37,900,000~~ is appropriated from the general fund  
13 to the Alaska Power Authority for feasibility studies, preconstruction  
14 design, and engineering, to be allocated to the following proposed power  
15 projects:

16	(1) Black Bear Lake	\$ <sup>1,400,000</sup> <del>2,000,000</del>
17	(2) Chester Lake	1,000,000
18	(3) Chakachamna Lake	1,000,000
19	(4) Grant Lake	1,000,000
20	(5) Bethel regional study/Kisaralik	1,000,000
21	(6) Power Creek	700,000
22	(7) Snettisham (Crater Lakes)	4,500,000
23	(8) Susitna	18,100,000
24	(9) Tazimina Lake	2,000,000
25	(10) West Creek	1,000,000
26	(11) Rural community feasibility studies:	
27	Akhiok, Ambler, Angoon, Atka, Chignik,	
28	Chignik Lagoon, Chignik Lake, Chuathbaluk,	
29	Cold Bay, Elim, False Pass, Goodnews Bay,	

Grayling, Gustavus, Ivanoff Bay, Kaltag,  
Karluk, Kiana, King Cove, Larsen Bay,  
Nikolski, Old Harbor, Perryville, Scammon  
Bay, Shungnak, Tenakee Springs, Togiak,  
Unalaska

5,600,000

\* Sec. 7. The sum of \$560,000 is appropriated from the general fund to the Alaska Power Authority for reconnaissance studies for proposed energy project sites for the following rural communities: Alatna, Aniak, Atkasook, Brevig Mission, Chefornek, Craig, Diomede, Galena, Golovin, Hooper Bay, Kalskag, Kotlik, Koyuk, Lower Kalskag, Mekoryuk, New Chenega, Newtok, Nightmute, Ouzinkie, Ruby, Saint George, Saint Mary's, Saint Michael, Saint Paul, Shageluk, Shishmaref, Stebbins, Teller, Toksook Bay, Tununak, Unalakleet, and Yakutat.

\* Sec. 8. The sum of \$50,000 is appropriated from the general fund to the Alaska Power Authority for a reconnaissance study of Takatz Creek.

~~\* Sec. 9. The sum of \$996,000 is appropriated from the general fund to the Alaska Power Authority for a feasibility study examining design and construction of an electrical transmission system between Hoonah and Juneau.~~

\* Sec. 10. The sum of \$42,000 is appropriated from the general fund to the Alaska Power Authority for a feasibility study regarding improvements to hydroelectric facilities for Pelican.

\* Sec. 11. The sum of \$4,500,000 is appropriated from the general fund to the Alaska Power Authority for design and engineering for the Lake Elva hydroelectric project.

~~\* Sec. 12. The sum of \$50,000 is appropriated from the general fund to the Alaska Power Authority for a feasibility study relating to reactivation of an abandoned hydroelectric site at Chitina.~~

\* Sec. 13. The sum of \$440,000 is appropriated from the general fund to the Alaska Power Authority for a feasibility study of the Fairbanks district

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1 heating extension.

2 \* Sec. 14. The sum of ~~\$1,400,000~~<sup>\$1,700,000</sup> is appropriated from the general fund  
3 to the Alaska Power Authority for a feasibility study and for advanced  
4 design and engineering of an electrical transmission system between Valdez  
5 and Cordova, and for a feasibility study and advanced design and engineering  
6 of small-scale hydroelectric sites along the route of the transmission  
7 system.

8 \* Sec. 15. The sum of ~~\$600,000~~<sup>\$300,000</sup> is appropriated from the general fund to  
9 the Alaska Power Authority for a feasibility study of a coal-fired power  
10 plant for Cordova.

11 \* Sec. 16. The sum of \$4,000,000 is appropriated from the general fund  
12 to the power project fund of the Alaska Power Authority (AS 44.83.170) for a  
13 loan to the City of Fairbanks for district heating.

14 \* Sec. 17. The sum of \$4,000,000 is appropriated from the general fund  
15 to the power project fund of the Alaska Power Authority (AS 44.83.170) for a  
16 loan to Alaska Electric Light and Power Company for construction of trans-  
17 mission and distribution facilities.

18 \* Sec. 18. The sum of \$3,000,000 is appropriated from the general fund  
19 to the power project fund of the Alaska Power Authority (AS 44.83.170) for a  
20 loan to Alaska Electric Light and Power Company for rehabilitation of Salmon  
21 Creek II.

22 \* Sec. 19. The sum of \$6,500,000 is appropriated from the general fund  
23 to the rural electrification revolving loan fund of the Alaska Power Authority  
24 (AS 44.83.361) for rural electrification loans.

25 \* Sec. 20. The sum of \$1,500,000 is appropriated from the general fund  
26 to the power project fund of the Alaska Power Authority (AS 44.83.170) for a  
27 loan to the City of Petersburg for local transmission and distribution lines  
28 between Tyee Lake power project substations and existing power plants.

29 \* Sec. 21. The sum of \$1,500,000 is appropriated from the general fund

to the power project fund of the Alaska Power Authority (AS 44.83.170) for a loan to the City of Wrangell for local transmission and distribution lines between Tyee Lake power projects substations and existing power plants.

\* Sec. 22. The sum of \$9,300,000 is appropriated from the general fund to the Alaska Power Authority for the power cost assistance fund (AS 44.83.-162 - 44.83.164).

\* Sec. 23. The sum of \$125,000 is appropriated from the general fund to the Alaska Power Authority as grants for waste heat projects in Crooked Creek and Chuathbaluk.

\* Sec. 24. The sum of \$150,000 is appropriated from the general fund to the Alaska Power Authority as a grant for a waste heat project in McGrath.

\* Sec. 25. The sum of \$380,000 is appropriated from the general fund to the Alaska Power Authority as a grant for design and construction of a waste heat project at Unalaska.

\* Sec. 26. The sum of \$961,000 is appropriated from the general fund to the Alaska Power Authority as a grant for an electrical distribution system at Nondalton.

\* Sec. 27. The sum of \$5,000,000 is appropriated from the general fund to the Alaska Power Authority for geothermal well drilling at Unalaska.

\* Sec. 28. The sum of \$5,000,000 is appropriated from the general fund to the Alaska Power Authority for costs of applications engineering, acquisition, and installation of two Organic Rankine Cycle generators in northwest Alaska.

\* Sec. 29. The sum of \$500,000 is appropriated from the general fund to the Alaska Power Authority for engineering and design and selection and acquisition of right-of-way for a transmission line between Petersburg (Tyee Lake) and Kake.

\* Sec. 30. The sum of \$2,500,000 is appropriated from the general fund to the Alaska Power Authority to extend three phase electric service to the

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Delta Agricultural Project.

\* Sec. 31. The sum of \$4,245,300 is appropriated from the general fund to the Department of Administration for payment as grants in accordance with AS 37.05.315 to the following cities for the purposes and in the amounts set out after each:

(1)	Allakaket generator	\$ 12,600
(2)	Atmautluak electrification	625,000
(3)	Diomedea electrification	106,000
(4)	Ekwok generator	25,000
(5)	Golovin electrification	225,200
(6)	Hooper Bay generator	34,000
(7)	Kotlik electrification	65,000
(8)	Napaskiak electrification	215,000
(9)	Newhalen generators and electrification	730,000
(10)	Newtok electrification	190,000
(11)	Nome electric utility facilities upgrade	943,000
(12)	Ruby electrification	73,000
(13)	Russian Mission generator	30,000
(14)	Shaktoolik power lines (Alaska Village Electric Cooperative)	53,500
(15)	Tuluksak electrification	148,000
(16)	Unalaska electrification	600,000
(17)	White Mountain electrification	170,000

\* Sec. 32. The sum of \$500,000 is appropriated from the general fund to the Alaska Power Authority for a grant to the municipality of Akutan for electrification.

\* Sec. 33. The sum of \$100,000 is appropriated from the general fund to

1 the Alaska Power Authority for a study to plan for the intermediate and  
 2 long-term electrical needs of the Kodiak Island Borough.

3 \* Sec. 34. The sum of \$127,000 is appropriated from the general fund to  
 4 the Alaska Power Authority for a loan to the municipality of Akutan for  
 5 electrification.

6 \* Sec. 35. The sum of \$10,000,000 is appropriated from the general fund  
 7 to the Department of Commerce and Economic Development, division of energy  
 8 and power development, for energy conservation refunds, grants, and residen-  
 9 tial energy audits.

10 \* Sec. 36. The sum of \$7,500,000 is appropriated from the general fund  
 11 to the Department of Commerce and Economic Development, division of small  
 12 business loans, for alternative energy and energy conservation loan programs.

13 \* Sec. 37. The sum of \$2,500,000 is appropriated from the general fund  
 14 to the Department of Commerce and Economic Development, division of small  
 15 business loans, for alternative energy and energy conservation loan programs  
 16 in rural communities that are not connected to other communities by a road.

17 \* Sec. 38. The sum of \$2,400,000 is appropriated from the general fund  
 18 to the Department of Community and Regional Affairs for the bulk fuel storage  
 19 facilities grant fund (AS 44.47.145).

20 \* Sec. 39. The sum of \$1,879,100 is appropriated from the general fund  
 21 to the Department of Community and Regional Affairs for payment as grants in  
 22 accordance with AS 37.05.315(f) to the following unincorporated communities  
 23 for the purposes and in the amounts set out after each:

24	(1) Alatna generator	\$ 36,000
25	(2) Arctic Village generator	26,400
26	(3) Chalkyitsik electrification	103,000
27	(4) Circle electrification	81,700
28	(5) Dot Lake generator	12,000
29	(6) Kongiganak electrification	135,000

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1	(7) Kwigillingok electrification	120,000
2	(8) Levelock electrification	450,000
3	(9) Perryville electrification	145,000
4	(10) Pilot Point electrification	450,000
5	(11) Tatitlek generator	70,000
6	(12) Tuntutuliak electrification	250,000

7 \* Sec. 40. The sum of \$400,000 is appropriated from the general fund to  
8 the Department of Community and Regional Affairs for payment as a grant in  
9 accordance with AS 37.05.315 to the Kuskokwim Native Association for electri-  
10 fication of Chuathbaluk, Crooked Creek, Sleetmute, and Stony River.

11 \* Sec. 41. The sum of \$1,708,000 is appropriated from the general fund  
12 to the Department of Community and Regional Affairs for payment as a grant  
13 in accordance with AS 37.05.315 ~~to the Alaska Village Electric Cooperative~~  
14 ~~Association~~ for energy conservation systems in Ambler, Deering, Kiana,  
15 Kivalina, Kobuk, Noatak, Noorvik, Selawik, and Shungnak.

16 \* Sec. 42. The sum of \$100,000 is appropriated from the general fund to  
17 the Department of Natural Resources for a coal resource investigation on  
18 Saint Lawrence Island.

19 \* Sec. 43. The sum of \$1,300,000 is appropriated from the general fund  
20 to the Department of Natural Resources for phases III and IV of the northwest  
21 Alaska coal resource investigation, including reconnaissance drilling at the  
22 Chicago Creek, Point Hope, Point Lay, and Kiana (Kobuk River) areas.

~~23 \* Sec. 44. The sum of \$550,000 is appropriated from the general fund to  
24 the Department of Transportation and Public Facilities for installation of  
25 coal-fired heating systems in the Railbelt Regional Educational Attendance  
26 Area schools.~~

27 \* Sec. 45. The sum of \$250,000 is appropriated from the general fund to  
28 the Office of the Governor for the fuel emergency fund (AS 44.19.052).

29 \* Sec. 46. The sum of \$3,450,000 is appropriated from the general fund

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to the Alaska Power Authority for the following feasibility studies relating to energy projects:

- |                                                                |           |
|----------------------------------------------------------------|-----------|
| (1) Kodiak waste heat cogeneration project                     | 2,500,000 |
| (2) Kotzebue district heating and power feasibility and design | 120,000   |
| (3) Kotzebue coal utilization study                            | 100,000   |
| (4) Ouzinkie waste heat project                                | 700,000   |
| (5) Saint Mary's waste heat and district heating study         | 30,000    |

\* Sec. 47. The sum of \$1,420,000 is appropriated from the general fund

to the Department of Commerce and Economic Development, division of energy and power development, for the following projects:

- |                                                                                            |           |
|--------------------------------------------------------------------------------------------|-----------|
| (1) Holy Cross wind project                                                                | \$ 40,000 |
| (2) Kotzebue wind generator                                                                | 200,000   |
| (3) Pilgrim Hot Springs geothermal project                                                 | 700,000   |
| (4) Sheldon Point wind project                                                             | 300,000   |
| (5) Skagway construction of wind generating system                                         | 100,000   |
| (6) Mary's Igloo -- design of an energy-efficient community in conjunction with relocation | 50,000    |
| (7) Port Alexander wind project                                                            | 30,000    |

\* Sec. 48. The sum of \$400,000 is appropriated from the general fund to the Department of Commerce and Economic Development, division of energy and power development, for the Bering Straits wind project, including design and construction of wind energy systems in Golovin, Shishmaref, Teller, and White Mountain, and planning for project expansion to Brevig Mission, Buckland, Diomedea, Savoonga, and Wales.

\* Sec. 49. The sum of \$1,000,000 is appropriated from the general fund

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1 to the power project fund of the Alaska Power Authority (AS 44.83.170) for a  
2 loan to the Bethel Utilities Corporation for construction of waste heat  
3 facilities.

4 \* Sec. 50. The sum of ~~\$1,500,000~~ <sup>JK 500,000</sup> is appropriated from the general fund  
5 to the Department of Commerce and Economic Development, division of energy  
6 and power development, for an economic feasibility study and preconstruction  
7 costs for a plant in southcentral Alaska that uses developed technology to  
8 process peat for fuel for export and domestic use.

9 ~~\* Sec. 51. Section 1(1), ch. 54, SLA 1980 is repealed.~~ JK

10 \* Sec. 52. The appropriation made in sec. 1(13), ch. 54, SLA 1980, as  
11 amended by sec. 49, ch. 120, SLA 1980, is repealed.

12 \* Sec. 53. This Act takes effect on the effective date of a version of  
13 Senate Bill No. 25 entitled "An Act relating to energy projects and programs  
14 of the Alaska Power Authority; and providing for an effective date.", in  
15 which the power development fund is established and the power production  
16 cost assistance fund is reenacted as the power cost assistance fund.

17 \* Sec. 54. This Act takes effect on the effective date of a version of  
18 Senate Bill No. 244 entitled "An Act redesignating certain loans authorized  
19 by law and by the Alaska Power Authority for power projects as grants for  
20 power projects subject to the power development fund; and providing for an  
21 effective date."