

Original sponsors: Kerttula, Ziegler,
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For Today's Calendar

Funding Information

General Fund \$559,944,550
Other Funds -0-
\$559,944,550

1 IN THE SENATE BY THE FINANCE COMMITTEE

2 HOUSE CS FOR CS FOR SENATE BILL NO. 26 (Finance) (efd failed)

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TWELFTH LEGISLATURE - FIRST SESSION

5 A BILL

6 For an Act entitled: "An Act making appropriations to various state agencies
7 for energy-related programs and projects, and repealing
8 a 1980 appropriation for a power project."

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

10 * Section 1. The sum of \$265,900,000 is appropriated from the general
11 fund to the power project fund of the Alaska Power Authority (AS 44.83.170)
12 for the following projects in the amounts specified after each:

13	(1) Bradley Lake	\$40,000,000
14	(2) Port Lions	1,400,000
15	(3) Solomon Gulch	45,000,000
16	(4) Swan Lake	53,000,000
17	(5) Terror Lake	81,500,000
18	(6) Tyee Lake	45,000,000

19 * Sec. 2. The sum of \$76,000,000 is appropriated from the general fund
20 to the power project fund of the Alaska Power Authority (AS 44.83.170) for
21 acquisition of a right-of-way for and design and construction of a high
22 voltage electrical transmission system connecting Anchorage and Fairbanks.

23 * Sec. 3. The sum of \$750,000 is appropriated from the general fund to
24 the power project fund of the Alaska Power Authority (AS 44.83.170) for
25 acquisition of a right-of-way for and design and construction of an electri-
26 cal transmission system connecting Craig and Klawock.

27 * Sec. 4. The sum of \$200,000 is appropriated from the general fund to
28 the power project fund of the Alaska Power Authority (AS 44.83.170) for
29 construction of a single wire ground return transmission line between Kobuk

1 and Shungnak.

2 * Sec. 5. The sum of \$3,250,000 is appropriated from the general fund to
3 the power project fund of the Alaska Power Authority (AS 44.83.170) for
4 phase I of a transmission line between Barrow and Atkasook.

5 * Sec. 6. The sum of \$60,618,000 is appropriated from the general fund
6 to the power project fund of the Alaska Power Authority (AS 44.83.170) for a
7 loan to the City and Borough of Sitka for completion of the Green Lake
8 hydroelectric project, to defease or to provide for the payment of debt
9 service on revenue bonds issued by the City and Borough of Sitka for the
10 Green Lake hydroelectric project, and for other costs incidental to the
11 Green Lake hydroelectric project.

12 * Sec. 7. The sum of \$4,000,000 is appropriated from the general fund to
13 the power project fund of the Alaska Power Authority (AS 44.83.170) for a
14 loan to the City of Fairbanks for district heating.

15 * Sec. 8. The sum of \$4,000,000 is appropriated from the general fund to
16 the power project fund of the Alaska Power Authority (AS 44.83.170) for a
17 loan to Alaska Electric Light and Power Company for construction of trans-
18 mission and distribution facilities.

19 * Sec. 9. The sum of \$3,000,000 is appropriated from the general fund to
20 the power project fund of the Alaska Power Authority (AS 44.83.170) for a
21 loan to Alaska Electric Light and Power Company for rehabilitation of Salmon
22 Creek II.

23 * Sec. 10. The sum of \$9,000,000 is appropriated from the general fund
24 to the power project fund of the Alaska Power Authority (AS 44.83.170) for
25 rural electrification loans.

26 * Sec. 11. The sum of \$1,000,000 is appropriated from the general fund
27 to the power project fund of the Alaska Power Authority (AS 44.83.170) for a
28 loan to the Bethel Utilities Corporation for construction of waste heat
29 facilities.

1 * Sec. 12. The sum of \$36,900,000 is appropriated from the general fund
2 to the Alaska Power Authority for feasibility studies, preconstruction
3 design, and engineering, to be allocated to the following proposed power
4 projects:

5	(1) Black Bear Lake	2,000,000
6	(2) Chester Lake	1,000,000
7	(3) Chakachamna Lake	1,000,000
8	(4) Grant Lake	1,000,000
9	(5) Bethel regional study/Kisaralik	1,000,000
10	(6) Power Creek	700,000
11	(7) Snettisham (Crater Lakes)	4,500,000
12	(8) Susitna	18,100,000
13	(9) Tazimina Lake	2,000,000
14	(10) Rural community feasibility studies: Akhiok,	
15	Ambler, Angoon, Atka, Chignik, Chignik	
16	Lagoon, Chignik Lake, Chuathbaluk, Cold Bay,	
17	Elim, False Pass, Goodnews Bay, Grayling,	
18	Gustavus, Ivanoff Bay, Kaltag, Karluk,	
19	Kiana, King Cove, Larsen Bay, Nikolski,	
20	Old Harbor, Perryville, Scammon Bay,	
21	Shungnak, Tenakee Springs, Togiak,	
22	Unalaska	5,600,000

23 * Sec. 13. The sum of \$560,000 is appropriated from the general fund to
24 the Alaska Power Authority for reconnaissance studies for proposed energy
25 project sites for the following rural communities: Alatna, Aniak, Atkasook,
26 Brevig Mission, Chefornek, Craig, Diomedea, Galena, Golovin, Hooper Bay,
27 Kalskag, Kotlik, Koyuk, Lower Kalskag, Mekoryuk, New Chenega, Newtok,
28 Nightmute, Ouzinkie, Ruby, Saint George, Saint Mary's, Saint Michael, Saint
29 Paul, Shageluk, Shishmaref, Stebbins, Teller, Toksook Bay, Tununak,

1 Unalakleet, and Yakutat.

2 * Sec. 14. The sum of \$996,000 is appropriated from the general fund to
3 the Alaska Power Authority for a feasibility study examining design and
4 construction of an electrical transmission system between Hoonah and Juneau.

5 * Sec. 15. The sum of \$42,000 is appropriated from the general fund to
6 the Alaska Power Authority for a feasibility study regarding improvements to
7 hydroelectric facilities for Pelican.

8 * Sec. 16. The sum of \$4,500,000 is appropriated from the general fund
9 to the Alaska Power Authority for design, engineering, implementation, and
10 construction of the Lake Elva hydroelectric project.

11 * Sec. 17. The sum of \$50,000 is appropriated from the general fund to
12 the Alaska Power Authority for a feasibility study relating to reactivation
13 of an abandoned hydroelectric site at Chitina.

14 * Sec. 18. The sum of \$440,000 is appropriated from the general fund to
15 the Alaska Power Authority for a feasibility study of the Fairbanks district
16 heating extension.

17 * Sec. 19. The sum of \$1,400,000 is appropriated from the general fund
18 to the Alaska Power Authority for a feasibility study and for advanced
19 design and engineering of an electrical transmission system between Valdez
20 and Cordova, and for a feasibility study and advanced design and engineering
21 of an electrical transmission system between Valdez and Cordova, and for a
22 feasibility study and advanced design and engineering of small-scale hydro-
23 electric sites along the route of the transmission system.

24 * Sec. 20. The sum of \$600,000 is appropriated from the general fund to
25 the Alaska Power Authority for a feasibility study of a coal-fired power
26 plant for Cordova.

27 * Sec. 21. The sum of \$8,000,000 is appropriated from the general fund
28 to the Alaska Power Authority for the power production cost assistance fund
29 (AS 44.83.162).

1 * Sec. 22. The sum of \$125,000 is appropriated from the general fund to
2 the Alaska Power Authority as grants for waste heat projects in Crooked
3 Creek and Chuathbaluk.

4 * Sec. 23. The sum of \$150,000 is appropriated from the general fund to
5 the Alaska Power Authority as a grant for a waste heat project at McGrath.

6 * Sec. 24. The sum of \$380,000 is appropriated from the general fund to
7 the Alaska Power Authority as a grant for design and construction of a waste
8 heat project at Unalaska.

9 * Sec. 25. The sum of \$961,000 is appropriated from the general fund to
10 the Alaska Power Authority as a grant for an electrical transmission system
11 at Nondalton.

12 * Sec. 26. The sum of \$4,245,300 is appropriated from the general fund
13 to the Department of Administration for payment as grants in accordance with
14 AS 37.05.315 to the following cities for the purposes and in the amounts set
15 out after each:

16	(1) Allakaket generator	12,600
17	(2) Atmautluak electrification	625,000
18	(3) Diomedea electrification	106,000
19	(4) Ekwok generator	25,000
20	(5) Golovin electrification	225,200
21	(6) Hooper Bay generator	34,000
22	(7) Kotlik electrification	65,000
23	(8) Napaskiak electrification	215,000
24	(9) Newhalen generators and electrification	730,000
25	(10) Newtok electrification	190,000
26	(11) Nome electric utility facilities upgrade	943,000
27	(12) Ruby electrification	73,000
28	(13) Russian Mission generator	30,000
29	(14) Shaktoolik power lines	53,500

1	(15) Tuluksak electrification	148,000
2	(16) Unalaska electrification	600,000
3	(17) White Mountain electrification	170,000

4 * Sec. 27. The sum of \$12,000,000 is appropriated from the general fund
5 to the Department of Commerce and Economic Development, division of energy
6 conservation and management, for energy conservation assistance and weather-
7 ization.

8 * Sec. 28. The sum of \$2,050,000 is appropriated from the general fund
9 to the Department of Commerce and Economic Development, division of energy
10 conservation and management, for energy planning, to be allocated as
11 follows:

12	preparation of state energy plan	\$700,000
13	regional energy planning under contract	
14	with nonprofit corporations	600,000
15	energy emergency contingency planning	150,000
16	municipal energy management and	
17	planning contracts	600,000

18 * Sec. 29. The sum of \$250,000 is appropriated from the general fund to
19 the Department of Commerce and Economic Development, division of energy
20 conservation and management for energy activities as follows:

21	state-federal liaison	\$125,000
22	energy information	125,000

23 * Sec. 30. The sum of \$10,000,000 is appropriated from the general fund
24 to the Department of Commerce and Economic Development, division of energy
25 conservation and management, for energy conservation refunds, grants, and
26 residential energy audits.

27 * Sec. 31. The sum of \$2,430,500 is appropriated from the general fund
28 to the Department of Commerce and Economic Development, division of energy
29 conservation and management, for a grant to the Fairbanks North Star Borough

1 for phase I of an energy management program.

2 * Sec. 32. The sum of \$2,400,000 is appropriated from the general fund
3 to the Department of Commerce and Economic Development, division of energy
4 conservation and management, for the bulk fuel storage facilities grant fund
5 (AS 44.33.100).

6 * Sec. 33. The sum of \$15,000,000 is appropriated from the general fund
7 to the Department of Commerce and Economic Development, division of small
8 business loans, for alternative energy and energy conservation loan programs.

9 * Sec. 34. The sum of \$1,879,100 is appropriated from the general fund
10 to the Department of Community and Regional Affairs for payment as grants in
11 accordance with AS 37.05.315(f) to the following unincorporated communities
12 for the purposes and in the amounts set out after each:

13	(1) Alatna generator	36,000
14	(2) Arctic Village generator	26,400
15	(3) Chalkyitsik electrification	103,000
16	(4) Circle electrification	81,700
17	(5) Dot Lake generator	12,000
18	(6) Kongiganak electrification	135,000
19	(7) Kwigillingok electrification	120,000
20	(8) Levelock electrification	450,000
21	(9) Perryville electrification	145,000
22	(10) Pilot Point electrification	450,000
23	(11) Tatitlek generator	70,000
24	(12) Tuntutuliak electrification	250,000

25 * Sec. 35. The sum of \$400,000 is appropriated from the general fund to
26 the Department of Community and Regional Affairs for payment as a grant in
27 accordance with AS 37.05.315 to the Kuskokwim Native Association for elec-
28 trification of Chuathbaluk, Crooked Creek, Sleetmute, and Stony River.

29 * Sec. 36. The sum of \$1,708,000 is appropriated from the general fund

1 to the Department of Community and Regional Affairs for payment as a grant
2 in accordance with AS 37.05.315 to the Mauneluk Association for energy
3 conservation systems in Ambler, Deering, Kiana, Kivalina, Kobuk, Noatak,
4 Noorvik, Selawik, and Shungnak.

5 * Sec. 37. The sum of \$100,000 is appropriated from the general fund to
6 the Department of Natural Resources for a coal resource investigation on
7 Saint Lawrence Island.

8 * Sec. 38. The sum of \$1,300,000 is appropriated from the general fund
9 to the Department of Natural Resources for phases III and IV of the North-
10 west Alaska Coal Resources Investigation, including reconnaissance drilling
11 at the Chicago Creek, Point Hope, Point Lay, and Kiana (Kobuk River) areas.

12 * Sec. 39. The sum of \$5,000,000 is appropriated from the general fund
13 to the Department of Natural Resources, division of geological and geo-
14 physical surveys, for geothermal well drilling at Unalaska.

15 * Sec. 40. The sum of \$550,000 is appropriated from the general fund to
16 the Department of Transportation and Public Facilities for installation of
17 coal-fired heating systems in the Railbelt regional educational attendance
18 area schools.

19 * Sec. 41. The sum of \$250,000 is appropriated from the general fund to
20 the Office of the Governor for the fuel emergency fund (AS 44.19.052).

21 * Sec. 42. The sum of \$350,000 is appropriated from the general fund to
22 the University of Alaska for energy conservation improvements.

23 * Sec. 43. The sum of \$150,000 is appropriated from the general fund to
24 the University of Alaska for upper division and graduate course curriculum
25 development for energy courses and energy-related studies.

26 * Sec. 44. The sum of \$200,000 is appropriated from the general fund to
27 the University of Alaska, division of community colleges and rural educa-
28 tion, for development of energy studies within community college curricula.

29 * Sec. 45. The sum of \$200,000 is appropriated from the general fund to

1 the University of Alaska, division of community colleges and rural education,
2 for vocational and job training programs related to renewable energy and
3 energy conservation.

4 * Sec. 46. The sum of \$200,000 is appropriated from the general fund to
5 the University of Alaska, energy alternatives program (School of Agriculture
6 and Land Resources Management) for teacher training and curriculum develop-
7 ment and for television programming relating to energy-related subjects in
8 elementary and secondary school curricula.

9 * Sec. 47. The sum of \$1,664,650 is appropriated from the general fund
10 to the Alaska Energy Center for a grant to the Fairbanks North Star Borough
11 for the following purposes:

12	solar collector retrofit,	
13	phase I	\$ 404,000
14	waste heat greenhouses	1,260,650

15 * Sec. 48. The sum of \$6,400,000 is appropriated from the general fund
16 to the Alaska Energy Center for research, development, and demonstration
17 projects under AS 37.25.030.

18 * Sec. 49. The sum of \$1,500,000 is appropriated from the general fund
19 to the Alaska Energy Center for an economic feasibility study and precon-
20 struction costs for a plant in southcentral Alaska which uses developed
21 technology to process peat for fuel for export and domestic use.

22 * Sec. 50. The sum of \$75,000 is appropriated from the general fund to
23 the Alaska Energy Center for a grant to the Fairbanks North Star Borough for
24 a solar energy system for the Mary Slah Recreation Center.

25 * Sec. 51. The sum of \$4,030,000 is appropriated from the general fund
26 to the Alaska Energy Center for the following feasibility studies relating
27 to energy projects of the center:

28	(1) Angoon tidal power project	500,000
29	(2) Kodiak waste heat cogeneration project	2,500,000

1	(3) Kotzebue district heating and	
2	power feasibility and design	120,000
3	(4) Kotzebue coal utilization study	100,000
4	(5) Mary's Igloo -- design of an energy	
5	efficient community in conjunction with	
6	relocation	50,000
7	(6) Ouzinkie waste heat project	700,000
8	(7) Port Alexander wind project	30,000
9	(8) Saint Mary's waste heat and district	
10	heating study	30,000

11 * Sec. 52. The sum of \$1,340,000 is appropriated from the general fund
 12 to the Alaska Energy Center for the following projects:

13	(1) Holy Cross wind project	40,000
14	(2) Kotzebue wind generator	200,000
15	(3) Pilgrim Hot Springs geothermal project	700,000
16	(4) Sheldon Point wind project	300,000
17	(5) Skagway construction of wind	
18	generating system	100,000

19 * Sec. 53. The sum of \$400,000 is appropriated from the general fund to
 20 the Alaska Energy Center for the Bering Straits wind project, including
 21 design and construction of wind energy systems in Golovin, Shishmaref,
 22 Teller, and White Mountain, and planning for project expansion to Brevig
 23 Mission, Buckland, Diomede, Savoonga, and Wales.

24 * Sec. 54. The sum of \$300,000 is appropriated from the general fund to
 25 the Legislative Council for the Joint Gas Pipeline Committee for a study of
 26 alternative methods of transporting Prudhoe Bay natural gas to market.

27 * Sec. 55. The sum of \$150,000 is appropriated from the general fund to
 28 the Legislative Council for a study of alternatives for consolidating or
 29 coordinating state agencies and state agency programs relating to energy.

1 * Sec. 56. The sum of \$600,000 is appropriated from the general fund to
2 the Legislative Council for the House Special Committee on Coal for a feasi-
3 bility study on site selection and rail and road connections for a major
4 coal export facility.

5 * Sec. 57. Section 1(1), ch. 54, SLA 1980 is repealed.
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