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## ALASKA CENTER FOR ENERGY AND POWER (ACEP) 2024 STATEWIDE SURVEY TOPLINES

**[PHONE]** Hello, may I please speak with **(NAME ON LIST)**? My name is \_\_\_\_\_ from \_\_\_\_\_, a public opinion polling firm. We're conducting a short survey about some issues people have been talking about lately. We're not selling anything, and I will not ask for a donation at any time. It will take only a few minutes, and all responses will be anonymous and used only for research purposes.

**[WEB]**<sup>1</sup> Alaska Opinion Surveys is conducting a scientific research study of Alaska residents. All responses are confidential and for research purposes only.

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1. First, which of the following best describes your age?

18-34 .....	29%
35-49 .....	27
50-64 .....	25
65+ .....	20
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Younger than 18 .....	(TERMINATE)
<b>[PHONE]</b> DK/REF / <b>[WEB]</b> Prefer not to answer .....	(TERMINATE)

6. Which of the following best describes your ethnicity?

White or Caucasian.....	69%
Alaskan Native or Native American.....	12
Mixed/multi-ethnicity.....	6
Hispanic or Latino.....	5
Black or African American.....	4
Asian American or Pacific Islander.....	2
Something else.....	*
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Other.....	-

**ENERGY BILLS**

7. **[TRACKING]** How do you heat your home or primary residence? You may select all that apply. **(RANDOMIZED)**

2023 Survey

Natural gas.....	56%	49%
Heating oil.....	27	33
Electricity.....	24	21
Wood.....	17	20
Pellet.....	*	4
Air source or ground source heat pump.....	2	1
Other.....	*	3
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DK/NA/REFUSED.....	2	2



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20. Were you aware that Alaska has some of the best potential sites for large scale carbon storage in the northern Pacific rim, or on the West Coast of North America? **(ROTATE)**

<b>TOTAL AWARE</b> .....	<b>37%</b>
<b>TOTAL NOT AWARE</b> .....	<b>59%</b>
Very aware .....	17%
Somewhat aware .....	20
Not very aware.....	19
Not aware at all.....	41
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DK/NA/REFUSED.....	4

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21. Recently, the U.S. federal government and Japanese government announced a joint effort to study the feasibility of transporting CO2 captured in Japan to Alaska for permanent storage deep underground. Would you **(PINWHEEL ROTATE)** support or oppose importing CO2 from other locations to Alaska for underground storage? **(IF SUPPORT/OPPOSE:)** And is that strongly or somewhat <support/oppose>?

<b>TOTAL SUPPORT</b> .....	<b>27%</b>
<b>TOTAL OPPOSE</b> .....	<b>55%</b>
Strongly support.....	7%
Somewhat support.....	19
Somewhat oppose .....	16
Strongly oppose.....	39
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DK/NA/REFUSED.....	18

Let's talk a little more about CCUS, or Carbon Capture Utilization, and Storage.

Please indicate how effective you think CCUS would be in Alaska at addressing each listed item below. Would CCUS in your opinion be **(PINWHEEL ROTATE 1-4)** very effective, somewhat effective, not very effective, OR not effective at all. Do you think CCUS would or would not be effective...

(RANDOMIZE)	TOTAL EFFECT	TOTAL NOT EFFECT	Very effectv	Smwt effectv	Not very effectv	Not at all effectv	No opinion	Not Sure
22. As a way to expand availability of skilled, well-paying jobs regardless of education level.	<b>46%</b>	<b>26%</b>	13%	33%	12%	14%	9%	19%
23. As a way to align Alaska future economy with low carbon business opportunities.	<b>42%</b>	<b>31%</b>	10	32	14	17	7	20
24. As a way to attract businesses to Alaska that are interested in operating here.	<b>42%</b>	<b>32%</b>	9	33	18	14	7	18
25. As a way to continue the usefulness and revenue generation potential of depleted gas and oil fields								



36. Here is that same list of reasons why people might SUPPORT Carbon Capture Utilization, and Storage. Please select the top two reasons for supporting CCUS you agreed with most. **(MAX TWO)**

Creating new jobs .....	37%
Essential to climate goals.....	25
Protecting existing jobs .....	24
Enhanced oil recovery and associated revenues .....	21
Necessary for gas line projects .....	12
Don't support CCUS / Waste of money .....	2
Generally - increase business revenue .....	1
Something else .....	1
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None of the above .....	27

**CCUS OPPOSITION**

Some people say they have the following concerns about CCUS, or Carbon Capture Utilization, and Storage technology. For each of the following items, please indicate if that reason is very concerning, somewhat concerning, or not concerning.





**NUCLEAR ENERGY**

46. **[TRACKING]** Next are a few questions about one type of energy in particular – nuclear energy. Based on what you know right now, do you **(ROTATE)** support or oppose the idea of using nuclear energy in Alaska? **(PINWHEEL ROTATE)**

		<u>2023 Survey</u>
<b>TOTAL SUPPORT</b> .....	<b>60%</b>	<b>48%</b>
<b>TOTAL OPPOSE</b> .....	<b>29%</b>	<b>37%</b>
Strongly support.....	32%	27%
Somewhat support.....	28	21
Somewhat oppose.....	12	12
Strongly oppose.....	17	26
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DK/NA/REFUSED.....	11	14

47. **[TRACKING]** As you may know, a nuclear microreactor is a small nuclear reactor that is much smaller than conventional nuclear technology. Microreactors are essentially a small nuclear-powered battery. They vary in size based on the manufacturer, but in general would be small enough to fit inside a shipping container and produce around 10 megawatts, which could power around 7,000 homes and also provide heat. Because of their small size, microreactors use much less nuclear fuel and cannot melt down. They also do not require water for cooling.

After learning more, do you **(ROTATE)** support or oppose the idea of Alaska exploring the use of microreactors to supply energy to Alaskans? **(PINWHEEL ROTATE 1-4)**

		<u>2023 Survey</u>
<b>TOTAL SUPPORT</b> .....	<b>74%</b>	<b>74%</b>
<b>TOTAL OPPOSE</b> .....	<b>18%</b>	<b>18%</b>
Strongly support.....	37%	38%
Somewhat support.....	37	36
Somewhat oppose.....	8	8
Strongly oppose.....	10	10
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DK/NA/REFUSED.....	8	8

**TRUST**

Almost done. When it comes to the topic of energy supply in Alaska, how much would you trust information provided by each of the following – a great deal, a fair amount, only some, or no trust at all?

RANDOMIZE	TRUST	NO TRUST	A great deal	A fair amount	Only some	No trust	Don't recognize	DK/REF
48. The University of Alaska	<b>59%</b>	<b>37%</b>	21%	38%	23%	14%	-	4%
<i>2023 Survey</i>	<i>51%</i>	<i>44%</i>	23	28	29	15	1	4
49. <b>[SSB]</b> Environmental nonprofits	<b>34%</b>	<b>59%</b>	10	24	25	34	2	5
50. <b>[SSA]</b> <b>[TRACKING]</b> The electric utility that serves your jurisdiction	<b>38%</b>	<b>56%</b>	8	31	41	15	-	6
<i>2023 Survey</i>	<i>42%</i>	<i>53%</i>	16	26	36	16	1	4
51. <b>[SSB]</b> <b>[TRACKING]</b> Media and news publications	<b>19%</b>	<b>77%</b>	3	16	38	40	*	3
<i>2023 Survey</i>	<i>19%</i>	<i>76%</i>	4	15	34	43	2	3
52. <b>[SSA]</b> Alaska Oil and Gas Conservation Commission, also known as the AOGCC	<b>24%</b>	<b>63%</b>	3	21	37	26	7	6
53. <b>[SSB]</b> Alaska Dept of Natural Resources, also known as the ADNRR	<b>48%</b>	<b>45%</b>	12	35	37	8	3	4
54. The oil & gas industry	<b>28%</b>	<b>69%</b>	6	22	34	35	*	4
55. <b>[SSA]</b> Alaska Department of Environment and Conservation	<b>45%</b>	<b>50%</b>	15	30	26	24	*	5

56. Would you say that you **(ROTATE)** agree or disagree with the following statement:

“Climate change is an urgent problem, and the energy sector should adopt sustainable practices to reduce carbon emissions.”

**(IF AGREE/DISAGREE:)** Is that <agree/disagree> strongly or somewhat?

<b>TOTAL AGREE</b> .....	<b>61%</b>
<b>TOTAL DISAGREE</b> .....	<b>36%</b>
Strongly agree .....	44%
Somewhat agree .....	16
Somewhat disagree .....	10
Strongly disagree .....	26
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DK/NA/REFUSED .....	3



