

Copyright 2021
<u>ALA - Arizona Clean Energy</u> Survey

November 11 - 18, 2021 33422 801 Interviews Confidence Interval: +/- 3.5%

100%

S1. Are you currently registered to vote in Arizona?

P1. When it comes to politics, do you generally think of yourself as a strong Democrat, not very strong Democrat, strong Republican, not very strong Republican, an independent, or some other political party? [IF INDEPENDENT/OTHER] Do you think of yourself as closer to the Democratic Party or the Republican Party?

No, not registered to vote	
Strong Democrat Weak Democrat Independent / Closer to the Democrats Independent Independent / Closer to the Republicans Weak Republican Strong Republican (Dont know/Refused)	21% 14 5 17 8 11 23
DEMOCRAT (NET) INDEPENDENT (NET) REPUBLICAN (NET)	35% 30 35
DEMOCRAT W/ LEANERS (NET)REPUBLICAN W/ LEANERS (NET)	40% 43

Yes registered to vote

B1. The following is a list of people, groups, institutions, and things in public life. Please indicate whether you have a favorable or unfavorable opinion of each. If you haven't heard of any or don't know enough to give a rating, please indicate that option.

VOL

	F.A	4V	UNFAV		<u>IFAV</u>			NET		
• Wind and color operay companies	<u>Very</u>	Some 27	Some 11	<u>Very</u>	<u>DK</u>	NH 1	FAV	<u>UNFAV</u>	FAM	
Wind and solar energy companies	32%	37	11	5	14	1	69%	16	85	
Electric utility companies like Arizona Public Service, Salt River Project, and Tucson Electric Power	16%	47	16	8	11	2	63%	24	87	
Southwest Gas	16%	37	11	4	27	4	53%	15	69	
Republicans in the state legislature	13%	30	18	29	9	1	42%	47	90	
Oil and gas companies	10%	32	27	20	11	1	42%	47	89	
• [SPLIT A] Fossil fuels	14%	27	15	21	22	1	41%	36	77	
• [SPLIT B] Fossil fuels like oil, gas, and coal	17%	24	28	18	12	1	41%	46	87	
Governor Doug Ducey	11%	30	18	35	6	*	41%	53	94	
Democrats in the state legislature	11%	29	20	31	9	1	39%	51	90	
The Arizona Corporation Commission	5%	25	14	7	38	10	31%	21	52	

B2. Below is a list of energy sources. Do you think the state of Arizona should be using more, less, or about the same amount of each?

• Solar	<u>More</u> 80%	About the same	<u>Less</u> 3	<u>DK</u> 4
• Wind	63%	21	8	8
• [SPLIT C] Natural gas		39	15	10
• [SPLIT D] Fossil gas	15%	30	40	16
• Oil	11%	39	39	11
• Coal	8%	27	49	16
Q16. How serious of a problem do you consider <u>climate change</u> to be?	A crisis	1		. 26 . 22 . 15
	CRISIS/VERY SERIOUS (N TOTAL SERIOUS (NET)			
Q17. How serious of a problem do you consider <u>air pollution in Arizona</u> to be?	A crisis A very serious problem A somewhat serious problem Not that serious a problem Not a problem CRISIS/VERY SERIOUS (N TOTAL SERIOUS (NET)	ET)		. 35 . 37 . 13 . 3

B3. Below is a list of statements. Please indicate if you agree or disagree with each.

	AGREE		DISAGREE		AGREE DISAGREE			NET	
	Strongly	<u>Some</u>	<u>Some</u>	<u>Strongly</u>	<u>DK</u>	<u>AGREE</u>	<u>DISAGREE</u>		
America should make significant investments in clean energy as part of our efforts to rebuild the economy.	45%	30	10	10	5	75%	20		
We should let science and experts guide our response to climate change.	36%	35	11	11	7	71%	22		
Climate change is already having a serious impact on this part of the country.	41%	26	12	15	6	67%	27		
 As we move the country to clean energy, we should make sure that our investments benefit the communities most impacted by pollution, including Black, Hispanic, and Native American communities. 	37%	27	11	11	14	64%	22		

B4. Below is a list of policies that the state of Arizona might consider in the near future. Just based on what you know, do you support or oppose each of the following?

	SUPPORT		OP	POSE		NET	
	<u>Strongly</u>	<u>Some</u>	<u>Some</u>	<u>Strongly</u>	<u>DK</u>	<u>SUPPORT</u>	<u>OPPOSE</u>
 Providing assistance for homeowners and renters to increase the energy efficiency of their homes and reduce energy use 	46%	36	8	5	5	82%	13
 A plan to require Arizona utilities to get 50% of their electricity from clean, carbon-free energy like wind and solar by the year 2035 and 100% of their electricity from carbon-free sources by 2050 	41%	28	9	13	9	69%	22
Investing state money to transition one-fifth of Arizona's school buses from diesel-powered vehicles to electric, zero-emission buses	37%	31	11	11	10	68%	22
Policies that will transition public vehicle fleets like school buses, transit buses, and government-owned cars to all electric vehicles	37%	31	11	13	9	67%	24
Investing in publicly available infrastructure for charging electric vehicles along major highways and roads	36%	30	12	11	12	66%	23
Providing consumer incentives to encourage the purchase of electric vehicles	34%	31	13	14	7	66%	27

v1. Thinking more generally now, would you support or oppose the state of Arizona shifting its investments away from fossil fuels like oil, gas, and coal and toward clean energy sources and technologies like wind, solar, and zero-emission vehicles?

028. And would you feel more or less favorable toward your state legislator if he or she supported Arizona shifting its investments away from fossil fuels like oil, gas, and coal and toward clean energy sources and technologies like wind, solar, and zero-emission vehicles, or would it make no difference in your opinion?

Strongly support Somewhat support Somewhat oppose Strongly oppose	43% 33 15 9
SUPPORT (NET)OPPOSE (NET)	75% 25
Much more favorable	34% 25 23 10 7
MORE FAVORABLE (NET)LESS FAVORABLE (NET)	59% 18

B5. If Arizona shifts its investments away from fossil fuels like oil, gas, and coal and toward clean energy sources and technologies like wind, solar, and zero-emission vehicles, do you think it would have a positive impact, negative impact, or no impact on each of the following?

POSITIVE		<u>POSITIVE NEGATIVE</u>		PUSITIVE NEGATIVE		No -	NE I		
<u>Very</u>	<u>Some</u>	<u>Some</u>	<u>Very</u>		<u>POSITIVE</u>	<u>NEGATIVE</u>			
46%	34	6	3	11	80%	9			
	Very	Very Some	Very Some Some	Very Some Some Very	Very Some Some Very impact	Very Some Some Very impact POSITIVE	Very Some Some Very impact POSITIVE NEGATIVE		

B5. If Arizona shifts its investments away from fossil fuels like oil, gas, and coal and toward clean energy sources and technologies like wind, solar, and zero-emission vehicles, do you think it would have a positive impact, negative impact, or no impact on each of the following?

	POSITIVE		NEGATIVE		No •	NET	
- Future generations of your family	<u>Very</u>	<u>Some</u>	<u>Some</u>	<u>Very</u>	<u>impact</u>	<u>POSITIVE</u>	<u>NEGATIVE</u>
Future generations of your family	44%	28	9	/	12	72%	17
Climate change	39%	32	5	4	20	71%	9
The health of families like yours	37%	31	8	5	19	68%	12
Arizona seniors and children	33%	34	11	8	14	67%	20
Communities of color in Arizona, including Native American communities like the Navajo Nation	29%	33	12	8	18	62%	20
Your family	28%	33	12	9	18	62%	21
The economy and jobs in Arizona	30%	31	15	13	12	61%	28
The finances of families like yours	18%	26	23	14	18	45%	37

Below is a list of different impacts that some people say that our reliance on fossil fuels is having on Arizona. Please indicate how concerned you are about each one.

	NOT CONCERNED CONCERNED				NET		
	Very	Some	Not that	Not at <u>all</u>	CONCERNED	NOT CONCERNED	
More and bigger wildfires	53%	26	11	10	79%	21	
Longer and more severe droughts	53%	27	11	9	80%	20	
More days with extremely hot temperatures	51%	25	12	12	76%	24	
• [SPLIT A] Increased levels of smog and other air pollution that threaten all residents	48%	31	11	10	79%	21	
• [SPLIT B] Increased levels of smog and other air pollution that threaten all residents, even healthy people	45%	32	16	7	77%	23	
[SPLIT A] Health problems like asthma attacks, heart disease, and lung disease, especially in children and seniors	44%	35	11	10	79%	21	
[SPLIT B] Health problems like asthma attacks, heart disease, and lung disease in the most heavily impacted communities, including communities of color	44%	32	16	9	76%	24	
More severe extreme weather events like storms and floods	38%	29	19	14	67%	33	

Below are statements from supporters and opponents of Arizona shifting its investments away from fossil fuels like oil, gas, and coal and toward clean energy sources and technologies like wind, solar, and zero-emission vehicles. Please read these statements and answer the following questions.

Supporters say:

Every Arizona family deserves an opportunity to live in a healthy community - and we all have a basic responsibility to leave a better world for our kids. But unchecked pollution caused by burning dirty and outdated fossil fuels like oil, gas, and coal is endangering public health and putting the future of our children at risk.

Our dependence on fossil fuels is the main reason that Arizona has some of the most polluted air in the United States, which puts millions of Arizonans' health at risk. It also drives climate change, which 97% of scientists, NASA, and the Department of Defense all agree is a threat to our kids' future. In fact, the world's scientists recently said that the accelerating impact of climate change is a "Code Red for Humanity."

Moving to clean energy and clean technologies like zero-emission vehicles will not only dramatically reduce the carbon pollution that is disrupting our climate but will also reduce the sulfur, arsenic, and other pollutants that cause asthma attacks, heart and lung disease, and even cancer - especially in children and seniors.

And economists say that moving to clean energy and technologies will help Arizona's economy recover more quickly from the pandemic and create thousands of good-paying jobs for all kinds of people - from engineers to factory workers to installers - while eventually saving Arizona families thousands of dollars a year in energy and health care costs.

Opponents say:

Dropping inexpensive and reliable energy sources like oil, natural gas, and coal in favor of unreliable and expensive energy sources and technologies would cause electricity bills to skyrocket and force Arizona families to buy expensive electric cars, costing Arizona families thousands of dollars - all for some far-off benefits that we'll probably never even see.

Moving off tried and tested energy sources would also drive prices up for business by thousands of dollars per year, killing jobs, stifling innovation, and reversing the economic recovery that is just beginning in Arizona. Companies will be forced to send good-paying jobs to other states or countries overseas where costs are lower.

In 2018, Arizona voters rejected a proposal like this one because it was bad for Arizona for all of these reasons. But now, liberal activists who are funded by radical, out-of-state environmental groups are trying to overrule the will of the people.

We should leave renewable energy and electric transportation to the free market - not big government; if consumers want it, producers will provide it. In the meantime, it makes no sense to pass laws mandating technologies that will put reliable and affordable energy and transportation at risk and only help people rich enough to put solar panels on their homes or buy a Tesla.

v2. Now that you've read these statements, please indicate once again if you would support or oppose Arizona shifting its investments away from fossil fuels like oil, gas, and coal and toward clean energy sources and technologies like wind, solar, and zero-emission vehicles.

Strongly support	35%
Somewhat support	34
Somewhat oppose	15
Strongly oppose	16
SUPPORT (NET)	68% 32

B7. And now that you've read these statements, once again, if Arizona shifts its investments away from fossil fuels like oil, gas, and coal and toward clean energy sources and technologies like wind, solar, and zero-emission vehicles, do you think it would have a positive impact, negative impact, or no impact on each of the following?

	POSITIVE		NEGATIVE		No =	NET	
	<u>Very</u>	<u>Some</u>	<u>Some</u>	<u>Very</u>	<u>impact</u>	<u>POSITIVE</u>	<u>NEGATIVE</u>
Air quality in Arizona	43%	33	7	3	15	76%	9
The health of families like yours	34%	35	9	6	17	68%	15
Future generations of your family	41%	27	13	7	12	68%	19
Climate change	39%	29	8	4	20	68%	12
Arizona seniors and children	34%	30	13	12	11	64%	25
Your family	27%	31	16	12	15	58%	27
Communities of color in Arizona, including Native American							
communities like the Navajo Nation	29%	28	15	10	18	57%	25
The economy and jobs in Arizona	28%	29	19	17	8	57%	35
The finances of families like yours	20%	22	26	17	14	43%	43

Now there are just a few final questions for statistical purposes.

VH20. Thinking back, in the November 2020 general election for President, did you vote for Democrat Joe Biden, for Republican Donald Trump, for someone else, or did you not vote in that election?

D105. When it comes to politics, do you generally think of yourself as:

D900. And, for statistical purposes only, what would you say is your total annual family income before taxes?

Voted for Democrat Joe Biden	44% 44 5 7
Very liberal	11% 17 37 19
LIBERAL (NET)	28% 36
Less than \$25,000 \$25,000 - \$49,999 \$50,000 - \$74,999 \$75,000 - \$99,999 \$100,000 - \$149,999 \$150,000 or more	16% 30 21 14 10 5

Prefer not to say

AZREGION. AZ Region		Phoenix/Scottsdale/Glendale Rest of Maricopa County Phoenix DMA - Rest Tucson/Yuma/Albuquerque DMA	28% 33 19 20
DAGE. What is your age?	VOL:	18-29	19% 24 15 16 26
D100. What is your gender?		Man Woman Non-binary	49% 50 1
DRACE. To ensure we have a representative sample, please indicate your race. [IF BLACK/WHITE/OTHER] Do you consider yourself a Hispanic, Latino, or Spanish-speaking American?		Black/African-American White/Caucasian Hispanic/Latino Asian-American Native American Other	5% 70 20 2 2 2
D102. What is the last grade of school or level of education you completed?		Did not complete high school	3% 15 6 30 15 21