

# Virginia Clean Energy Statewide Study

Image, Ballot, and Message Testing February 22nd, 2024

## Top Lines

#### Q1:Initial Solar Opinion

	%
Support	63%
Oppose	14%
Unsure	23%

#### Q4:Natural Gas Energy

	%
More	43%
Less	25%
Same	31%

#### Q7:Hydrogen Energy

	%
More	47%
Less	17%
Same	36%

#### Q10:Lowest Cost Energy

	%
More Likely	65%
Less Likely	10%
No Diff	24%

#### Q2: Solar Opinion (Open Ended) 571 Verbatim Responses

#### Q5:Wind Energy

9	%
More	57%
Less	24%
Same	1 <b>9</b> %

#### Q8:Community Concern

	%
V' Important	64%
Sw' Important	28%
Sw' Unimportant	6%
V' Unimportant	2%

#### Q11:Solar Funds Communities

	%
More Likely	66%
Less Likely	10%
No Diff	24%

#### Q3:Energy Security

	%
V' Important	<b>69</b> %
Sw' Important	24%
Sw' Unimportant	3%
V' Unimportant	2%
Unsure	1%

#### Q6:Solar Energy

	%
More	62%
Less	1 <b>9</b> %
Same	20%

#### Q9:Solar Supports Farmers

c	%
More Likely	<b>66</b> %
Less Likely	8%
No Diff	26%

#### Q12:Solar Powered BESS

	%
More Likely	61%
Less Likely	13%
No Diff	26%

## Top Lines

#### Q13:Energy Importing State

	%
More Likely	67%
Less Likely	8%
No Diff	25%

#### Q14:Informed Solar Opinion

	%
Support	82%
Oppose	18%

#### Q15:Landowners Limitations

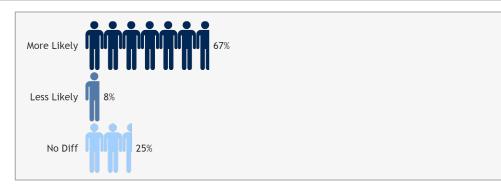
	%
Allowed	<b>9</b> 1%
Denied	<b>9</b> %

#### Q16:Government Limitations

5	%
No	83%
Yes	17%

## **Initial Solar Opinion**

Do you support or oppose solar power in Virginia?



#### By Gender

	Female	Male
Support	62%	64%
Oppose	12%	15%
Unsure	25%	20%

#### **By Education**

-,	-		
	HS	College	Grad+
Support	51%	68%	82%
Oppose	17%	12%	<b>9</b> %
Unsure	33%	<b>19</b> %	8%

#### By Ideology

	Moderate	Conserv.	Liberal
Support	71%	38%	<b>87</b> %
Oppose	10%	25%	4%
Unsure	19%	37%	<b>9</b> %

#### By Age

	18-34	35-44	45-54	55-64	65+
Support	80%	73%	60%	58%	57%
Oppose	6%	14%	13%	18%	15%
Unsure	14%	14%	27%	24%	28%

## By Race

	White	Black	Other
Support	59%	73%	82%
Oppose	16%	4%	<b>9</b> %
Unsure	25%	22%	<b>9</b> %

#### By Last 4 Generals

	4	3	2	1	0
Support	58%	68%	<b>67</b> %	<b>57</b> %	74%
Oppose	14%	<b>9</b> %	11%	25%	12%
Unsure	28%	23%	22%	18%	14%

#### By Self Reported Party

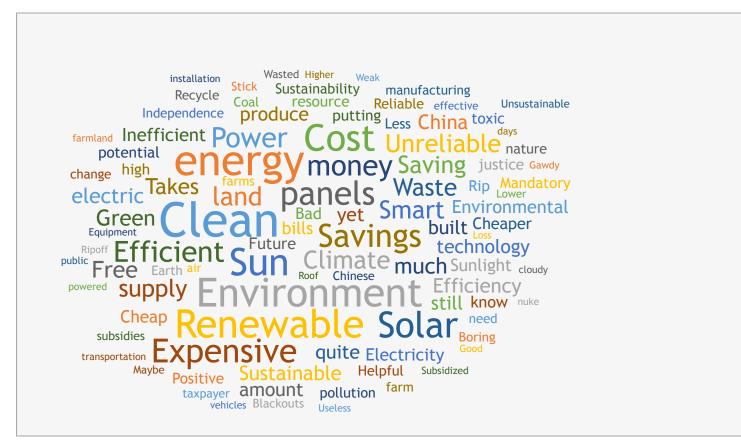
	Republican	Democrat	Indepen.
Support	39%	88%	60%
Oppose	25%	2%	17%
Unsure	36%	11%	23%

	1	2	3	4	5	6	7	8	9	10	11
Support	61%	<b>59</b> %	62%	50%	58%	62%	56%	<b>89</b> %	47%	70%	85%
Oppose	12%	22%	15%	8%	17%	18%	20%	8%	11%	10%	5%
Unsure	26%	20%	23%	42%	24%	20%	23%	3%	41%	20%	10%

## Solar Opinion (Open Ended)

When thinking of solar energy, what is the first word that comes to mind?

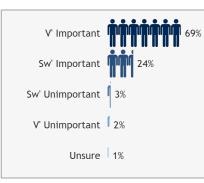
#### 571 Verbatim Responses



## **Energy Security**

**By Education** 

How important is it to you that the United States prioritize energy security and independence?



#### Actual answer options read:

- Very important
- Somewhat important
- Somewhat unimportant
- Not at all important
- Unsure

#### **By Gender**

	Female	Male
V' Important	70%	<b>69</b> %
Sw' Important	25%	24%
Sw' Unimportant	3%	4%
V' Unimportant	2%	2%
Unsure	1%	1%

by Education			
	HS	College	Grad+
V' Important	71%	70%	64%
Sw' Important	23%	23%	28%
Sw' Unimportant	1%	5%	4%
V' Unimportant	2%	2%	2%
Unsure	2%	0%	1%

#### By Ideology

	Moderate	Conserv.	Liberal
V' Important	61%	83%	65%
Sw' Important	36%	10%	26%
Sw' Unimportant	2%	2%	6%
V' Unimportant	1%	3%	3%
Unsure	1%	2%	1%

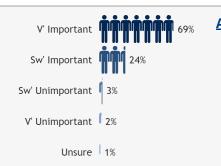
#### By Age

by Age						by Race			
	18-34	35-44	45-54	55-64	65+		White	Black	Other
V' Important	61%	58%	75%	73%	73%	V' Important	<b>69</b> %	67%	76%
Sw' Important	34%	33%	17%	20%	23%	Sw' Important	26%	25%	14%
Sw' Unimportant	4%	7%	3%	2%	2%	Sw' Unimportant	3%	1%	7%
V' Unimportant	1%	1%	5%	3%	1%	V' Unimportant	2%	4%	3%
Unsure	0%	1%	0%	2%	2%	Unsure	1%	3%	1%

By Race

## **Energy Security**

How important is it to you that the United States prioritize energy security and independence?



By Self Reported Party

#### Actual answer options read:

- Very important
- Somewhat important
- Somewhat unimportant
- Not at all important

#### By Last 4 Generals

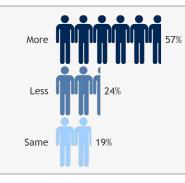
	4	3	2	1	0
V' Important	67%	73%	<b>69</b> %	<b>69</b> %	73%
Sw' Important	<b>29</b> %	21%	24%	16%	23%
Sw' Unimportant	2%	5%	2%	3%	2%
V' Unimportant	1%	0%	5%	7%	2%
Unsure	1%	1%	0%	5%	0%

	Republican	Democrat	Indepen.
V' Important	<b>79</b> %	64%	63%
Sw' Important	15%	30%	32%
Sw' Unimportant	3%	3%	4%
V' Unimportant	3%	2%	1%
Unsure	1%	1%	0%

	1	2	3	4	5	6	7	8	9	10	11
V' Important	<b>69</b> %	68%	62%	66%	64%	85%	81%	56%	76%	64%	67%
Sw' Important	28%	24%	27%	30%	28%	12%	16%	41%	18%	22%	26%
Sw' Unimportant	3%	0%	1%	3%	3%	0%	1%	1%	4%	13%	6%
V' Unimportant	0%	7%	6%	0%	2%	2%	2%	2%	0%	2%	1%
Unsure	0%	1%	4%	2%	3%	1%	0%	0%	1%	0%	0%

## Natural Gas Energy

Should Virginia place more, less, or about the same emphasis than it does now on producing energy from natural gas?



#### Actual answer options read:

- More emphasis
- Less emphasis
- About the same emphasis

#### By Gender

	Female	Male
More	37%	50%
Less	31%	1 <b>9</b> %
Same	32%	31%

#### **By Education**

	HS	College	Grad+
More	54%	37%	30%
Less	15%	31%	40%
Same	32%	32%	30%

#### By Ideology

	Moderate	Conserv.	Liberal
More	35%	66%	23%
Less	27%	4%	53%
Same	38%	30%	25%

#### By Age

	18-34	35-44	45-54	55-64	65+
More	24%	27%	43%	44%	58%
Less	42%	32%	27%	22%	17%
Same	34%	40%	31%	34%	25%

#### By Race

	White	Black	Other
More	44%	43%	39%
Less	26%	22%	28%
Same	31%	34%	34%

#### By Last 4 Generals

	4	3	2	1	0
More	50%	41%	36%	44%	32%
Less	23%	26%	18%	16%	42%
Same	27%	32%	46%	40%	26%

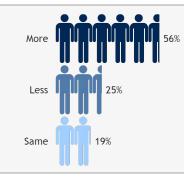
#### By Self Reported Party

	Republican	Democrat	Indepen.
More	61%	25%	46%
Less	6%	44%	26%
Same	33%	32%	28%

	1	2	3	4	5	6	7	8	9	10	11
More	36%	47%	30%	<b>59</b> %	51%	54%	46%	35%	47%	<b>29</b> %	32%
Less	26%	22%	33%	21%	22%	14%	23%	40%	20%	38%	<b>29</b> %
Same	<b>39</b> %	31%	36%	20%	27%	32%	31%	24%	33%	33%	<b>39</b> %

## Wind Energy

Should Virginia place more, less, or about the same emphasis than it does now on producing energy from wind power?



#### Actual answer options read:

- More emphasis
- Less emphasis
- About the same emphasis

#### By Gender

5	Female	Male
More	61%	52%
Less	18%	31%
Same	21%	17%

#### **By Education**

	HS	College	Grad+
More	<b>49</b> %	<b>59</b> %	70%
Less	31%	21%	14%
Same	20%	21%	16%

#### By Ideology

	Moderate	Conserv.	Liberal
More	64%	27%	85%
Less	8%	53%	8%
Same	27%	20%	7%

#### By Age

	18-34	35-44	45-54	55-64	65+
More	63%	55%	60%	55%	54%
Less	14%	20%	25%	26%	28%
Same	23%	25%	15%	<b>19</b> %	17%

#### By Race

	White	Black	Other
More	55%	65%	61%
Less	27%	11%	18%
Same	18%	24%	21%

#### By Last 4 Generals

	4	3	2	1	0
More	57%	58%	52%	<b>49</b> %	65%
Less	25%	23%	23%	<b>29</b> %	20%
Same	18%	<b>19</b> %	25%	23%	16%

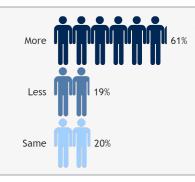
#### By Self Reported Party

	Republican	Democrat	Indepen.
More	32%	84%	49%
Less	45%	4%	24%
Same	23%	12%	27%

	1	2	3	4	5	6	7	8	9	10	11
More	56%	57%	60%	55%	54%	40%	55%	75%	50%	71%	64%
Less	23%	32%	14%	22%	21%	43%	28%	7%	35%	11%	1 <b>9</b> %
Same	21%	11%	25%	23%	25%	18%	17%	<b>19</b> %	15%	18%	17%

## Solar Energy

Should Virginia place more, less, or about the same emphasis than it does now on producing energy from solar power?



#### Actual answer options read:

- More emphasis
- Less emphasis
- About the same emphasis

#### By Gender

	Female	Male
More	66%	56%
Less	18%	20%
Same	16%	24%

#### **By Education**

	HS	College	Grad+
More	52%	64%	77%
Less	24%	17%	10%
Same	24%	<b>19</b> %	13%

#### By Ideology

	Moderate	Conserv.	Liberal	
More	67%	34%	<b>9</b> 1%	
Less	12%	35%	6%	
Same	21%	31%	3%	

#### By Age

	18-34	35-44	45-54	55-64	65+
More	66%	64%	65%	60%	<b>59</b> %
Less	10%	17%	17%	1 <b>9</b> %	23%
Same	24%	<b>19</b> %	18%	21%	1 <b>9</b> %

#### By Race

	White	Black	Other
More	56%	78%	82%
Less	22%	7%	10%
Same	23%	15%	8%

#### By Last 4 Generals

	4	3	2	1	0
More	61%	65%	63%	38%	74%
Less	24%	16%	15%	20%	10%
Same	15%	<b>19</b> %	22%	43%	16%

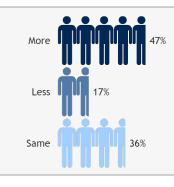
#### By Self Reported Party

	Republican	Democrat	Indepen.
More	34%	91%	55%
Less	34%	2%	21%
Same	32%	6%	23%

	1	2	3	4	5	6	7	8	9	10	11
More	<b>59</b> %	<b>59</b> %	61%	52%	57%	50%	43%	85%	63%	76%	82%
Less	17%	32%	21%	28%	20%	1 <b>9</b> %	27%	5%	16%	13%	6%
Same	24%	<b>9</b> %	<b>19</b> %	20%	23%	31%	30%	10%	21%	11%	12%

## Hydrogen Energy

Should Virginia place more, less, or about the same emphasis than it does now on producing energy from hydrogen power?



#### Actual answer options read:

- More emphasis
- Less emphasis
- About the same emphasis

#### By Gender

	Female	Male
More	37%	<b>59</b> %
Less	21%	12%
Same	43%	<b>29</b> %

#### **By Education**

	HS	College	Grad+	
More	<b>39</b> %	56%	52%	
Less	23%	11%	12%	
Same	38%	33%	36%	

#### By Ideology

	Moderate	Conserv.	Liberal
More	43%	48%	52%
Less	15%	20%	15%
Same	42%	32%	33%

#### By Age

	18-34	35-44	45-54	55-64	65+
More	<b>59</b> %	55%	52%	47%	37%
Less	7%	15%	17%	17%	21%
Same	34%	30%	31%	36%	42%

#### By Race

	White	Black	Other
More	47%	37%	61%
Less	15%	27%	15%
Same	38%	36%	25%

#### By Last 4 Generals

	4	3	2	1	0
More	45%	45%	43%	44%	62%
Less	17%	22%	12%	24%	7%
Same	38%	34%	45%	32%	31%

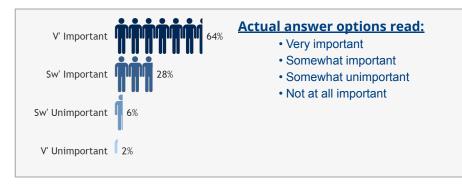
#### By Self Reported Party

	Republican	Democrat	Indepen.
More	44%	50%	47%
Less	21%	14%	13%
Same	35%	35%	40%

	1	2	3	4	5	6	7	8	9	10	11
More	53%	<b>59</b> %	38%	50%	36%	40%	<b>39</b> %	61%	48%	48%	54%
Less	11%	14%	22%	8%	23%	24%	26%	13%	18%	8%	11%
Same	36%	26%	40%	42%	41%	36%	36%	26%	34%	44%	35%

## Community Concern

How important is it that community concerns regarding energy projects be included prior to permitting?



By Gender			By Education				By Ideology			
	Female	Male		HS	College	Grad+		Moderate	Conserv.	Liberal
V' Important	71%	57%	V' Important	<b>69</b> %	61%	59%	V' Important	64%	64%	63%
Sw' Important	24%	32%	Sw' Important	24%	29%	34%	Sw' Important	28%	28%	29%
Sw' Unimportant	4%	8%	Sw' Unimportant	4%	<b>9</b> %	4%	Sw' Unimportant	<b>6</b> %	5%	6%
V' Unimportant	1%	4%	V' Unimportant	3%	1%	3%	V' Unimportant	1%	3%	3%

#### By Age

	18-34	35-44	45-54	55-64	65+
V' Important	53%	60%	57%	72%	70%
Sw' Important	40%	25%	35%	23%	23%
Sw' Unimportant	5%	12%	2%	4%	6%
V' Unimportant	2%	2%	6%	0%	1%

#### By Race

	White	Black	Other
V' Important	62%	76%	66%
Sw' Important	30%	20%	21%
Sw' Unimportant	5%	4%	10%
V' Unimportant	2%	0%	3%

#### By Last 4 Generals

	4	3	2	1	0
V' Important	66%	62%	75%	<b>59</b> %	60%
Sw' Important	27%	31%	16%	28%	34%
Sw' Unimportant	5%	7%	8%	11%	1%
V' Unimportant	2%	1%	0%	3%	4%

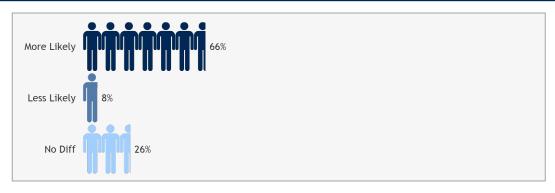
#### By Self Reported Party

	Republican	Democrat	Indepen.
V' Important	62%	66%	66%
Sw' Important	29%	27%	28%
Sw' Unimportant	6%	6%	4%
V' Unimportant	2%	2%	2%

	1	2	3	4	5	6	7	8	9	10	11
V' Important	73%	65%	78%	74%	62%	60%	66%	56%	48%	60%	68%
Sw' Important	25%	32%	14%	15%	31%	30%	27%	36%	46%	26%	21%
Sw' Unimportant	1%	1%	<b>9</b> %	3%	4%	<b>9</b> %	7%	6%	4%	12%	<b>9</b> %
V' Unimportant	1%	2%	0%	8%	3%	1%	0%	2%	2%	2%	2%

## Solar Supports Farmers

Solar projects provide farmers with much-needed supplemental income to keep their farms alive. Does knowing this make you more or less likely to support solar projects?



#### By Gender

194	Female	Male
More Likely	73%	<b>59</b> %
Less Likely	8%	8%
No Diff	19%	33%

#### **By Education**

	HS	College	Grad+
More Likely	62%	68%	73%
Less Likely	11%	7%	4%
No Diff	27%	25%	23%

#### By Ideology

	Moderate	Conserv.	Liberal
More Likely	68%	50%	85%
Less Likely	6%	15%	2%
No Diff	26%	35%	13%

#### By Age

	18-34	35-44	45-54	55-64	65+
More Likely	73%	<b>69</b> %	58%	65%	<b>67</b> %
Less Likely	4%	5%	5%	10%	11%
No Diff	23%	27%	37%	25%	22%

#### By Race

	White	Black	Other
More Likely	61%	88%	78%
Less Likely	10%	1%	4%
No Diff	30%	11%	17%

#### By Last 4 Generals

	4	3	2	1	0
More Likely	64%	<b>79</b> %	63%	44%	72%
Less Likely	7%	5%	<b>9</b> %	16%	7%
No Diff	28%	16%	28%	40%	22%

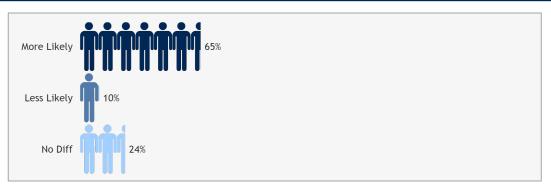
#### By Self Reported Party

	Republican	Democrat	Indepen.
More Likely	<b>49</b> %	87%	57%
Less Likely	14%	0%	10%
No Diff	37%	12%	32%

	1	2	3	4	5	6	7	8	9	10	11
More Likely	64%	54%	70%	<b>69</b> %	66%	<b>59</b> %	58%	78%	<b>67</b> %	73%	76%
Less Likely	6%	8%	11%	12%	7%	10%	13%	3%	<b>9</b> %	3%	3%
No Diff	30%	38%	<b>19</b> %	<b>19</b> %	27%	31%	28%	<b>19</b> %	25%	24%	21%

## Lowest Cost Energy

Solar projects do not pollute the environment and generate the lowest-cost electricity for Virginia households and local businesses. Does knowing this make you more or less likely to support solar projects?



#### By Gender

16	Female	Male
More Likely	70%	61%
Less Likely	11%	<b>9</b> %
No Diff	19%	30%

#### **By Education**

	HS	College	Grad+
More Likely	<b>59</b> %	68%	75%
Less Likely	15%	8%	4%
No Diff	26%	24%	21%

#### By Ideology

	Moderate	Conserv.	Liberal
More Likely	68%	43%	<b>89</b> %
Less Likely	<b>9</b> %	18%	2%
No Diff	22%	39%	<b>9</b> %

#### By Age

	18-34	35-44	45-54	55-64	65+
More Likely	62%	70%	<b>59</b> %	65%	68%
Less Likely	7%	7%	4%	14%	14%
No Diff	31%	23%	37%	21%	18%

#### By Race

	White	Black	Other
More Likely	60%	86%	77%
Less Likely	11%	10%	4%
No Diff	<b>29</b> %	3%	19%

#### By Last 4 Generals

	4	3	2	1	0
More Likely	60%	76%	66%	52%	72%
Less Likely	12%	8%	<b>9</b> %	15%	7%
No Diff	28%	15%	25%	33%	21%

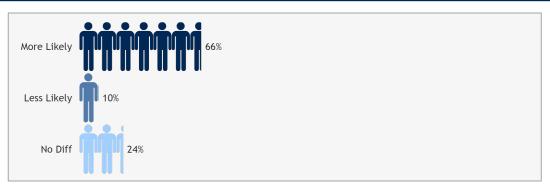
#### By Self Reported Party

	Republican	Democrat	Indepen.
More Likely	45%	89%	57%
Less Likely	16%	3%	13%
No Diff	38%	8%	31%

	1	2	3	4	5	6	7	8	9	10	11
More Likely	62%	64%	78%	51%	63%	56%	56%	83%	60%	<b>69</b> %	80%
Less Likely	<b>9</b> %	21%	13%	13%	16%	11%	12%	0%	<b>9</b> %	5%	1%
No Diff	<b>29</b> %	15%	<b>9</b> %	36%	20%	33%	32%	17%	31%	26%	1 <b>9</b> %

## Solar Funds Communities

Solar projects can generate millions of dollars in tax revenue for our local communities, helping to fund our schools and first responders. Does knowing this make you more or less likely to support solar projects?



#### By Gender

9	Female	Male
More Likely	72%	<b>59</b> %
Less Likely	11%	10%
No Diff	17%	31%

#### **By Education**

p	HS	College	Grad+
More Likely	61%	68%	73%
Less Likely	14%	8%	5%
No Diff	24%	24%	22%

#### By Ideology

	Moderate	Conserv.	Liberal
More Likely	71%	45%	86%
Less Likely	10%	16%	3%
No Diff	<b>19</b> %	38%	12%

#### By Age

	18-34	35-44	45-54	55-64	65+
More Likely	61%	70%	63%	64%	<b>69</b> %
Less Likely	13%	8%	5%	15%	10%
No Diff	27%	22%	32%	20%	21%

#### By Race

	White	Black	Other
More Likely	<b>59</b> %	<b>91</b> %	80%
Less Likely	13%	1%	5%
No Diff	28%	8%	15%

#### By Last 4 Generals

	4	3	2	1	0
More Likely	60%	<b>79</b> %	65%	<b>49</b> %	75%
Less Likely	13%	4%	8%	18%	8%
No Diff	27%	18%	27%	32%	17%

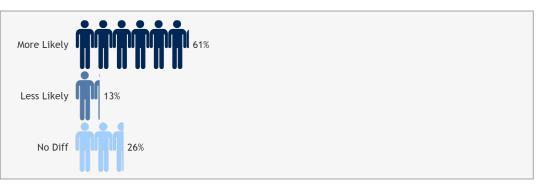
#### By Self Reported Party

	Republican	Democrat	Indepen.
More Likely	48%	90%	54%
Less Likely	17%	1%	17%
No Diff	35%	10%	30%

	1	2	3	4	5	6	7	8	9	10	11
More Likely	<b>69</b> %	56%	75%	55%	<b>69</b> %	57%	56%	81%	71%	61%	77%
Less Likely	8%	16%	17%	22%	11%	10%	<b>9</b> %	1%	6%	8%	5%
No Diff	23%	28%	8%	23%	20%	33%	35%	<b>19</b> %	23%	32%	18%

## Solar Powered BESS

Battery Energy Storage Systems (BESS) are rechargeable batteries that can store energy from different sources and discharge when needed. BESS ensures a balanced and stable electric grid and backup power. Does knowing this make you more or less likely to support solar energy?



#### By Gender

5	Female	Male
More Likely	66%	56%
Less Likely	13%	13%
No Diff	21%	31%

#### **By Education**

	HS	College	Grad+
More Likely	54%	67%	68%
Less Likely	<b>19</b> %	<b>9</b> %	5%
No Diff	27%	24%	27%

#### By Ideology

	Moderate	Conserv.	Liberal
More Likely	68%	38%	80%
Less Likely	<b>9</b> %	23%	6%
No Diff	23%	39%	14%

#### By Age

	18-34	35-44	45-54	55-64	65+
More Likely	66%	65%	54%	61%	61%
Less Likely	7%	10%	10%	15%	17%
No Diff	27%	25%	36%	24%	22%

#### By Race

	White	Black	Other
More Likely	56%	73%	85%
Less Likely	15%	11%	4%
No Diff	30%	16%	11%

#### By Last 4 Generals

	4	3	2	1	0
More Likely	<b>59</b> %	<b>67</b> %	60%	42%	73%
Less Likely	10%	16%	<b>9</b> %	24%	10%
No Diff	31%	16%	31%	34%	17%

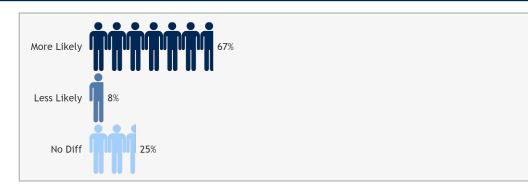
#### By Self Reported Party

	Republican	Democrat	Indepen.
More Likely	41%	84%	53%
Less Likely	23%	4%	13%
No Diff	36%	12%	34%

	1	2	3	4	5	6	7	8	9	10	11
More Likely	<b>59</b> %	56%	65%	<b>49</b> %	63%	54%	51%	78%	57%	68%	75%
Less Likely	10%	22%	24%	10%	1 <b>9</b> %	15%	11%	1%	20%	6%	1%
No Diff	31%	22%	12%	41%	18%	31%	38%	21%	24%	26%	23%

## Energy Importing State

Virginia is an energy-importing state, meaning it consumes more energy than it produces. Knowing this, are you more or less likely to support an all-of-the-above approach to increase energy production to meet energy demands and achieve energy independence?



#### **By Gender**

50	Female	Male
More Likely	<b>69</b> %	65%
Less Likely	<b>9</b> %	6%
No Diff	22%	<b>29</b> %

#### **By Education**

	HS	College	Grad+
More Likely	<b>69</b> %	66%	64%
Less Likely	8%	8%	6%
No Diff	22%	26%	30%

#### By Ideology

	Moderate	Conserv.	Liberal		
More Likely	68%	69%	63%		
Less Likely	7%	8%	<b>9</b> %		
No Diff	26%	23%	29%		

#### By Age

	18-34	35-44	45-54	55-64	65+
More Likely	<b>69</b> %	53%	68%	65%	73%
Less Likely	5%	7%	3%	15%	7%
No Diff	26%	40%	<b>29</b> %	20%	20%

#### By Race

	White	Black	Other
More Likely	66%	72%	70%
Less Likely	<b>9</b> %	7%	1%
No Diff	25%	22%	29%

#### By Last 4 Generals

	4	3	2	1	0
More Likely	65%	75%	63%	62%	68%
Less Likely	<b>9</b> %	4%	6%	14%	7%
No Diff	27%	21%	32%	24%	24%

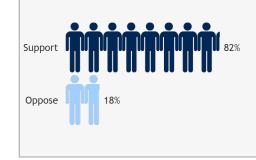
#### By Self Reported Party

	Republican	Democrat	Indepen.		
More Likely	<b>69</b> %	70%	58%		
Less Likely	<b>9</b> %	6%	8%		
No Diff	22%	24%	34%		

	1	2	3	4	5	6	7	8	9	10	11
More Likely	71%	65%	<b>49</b> %	76%	<b>69</b> %	66%	75%	66%	77%	56%	65%
Less Likely	5%	12%	16%	4%	<b>9</b> %	11%	6%	4%	4%	11%	4%
No Diff	25%	23%	35%	20%	23%	23%	1 <b>9</b> %	30%	1 <b>9</b> %	33%	31%

## **Informed Solar Opinion**

Knowing what you know now, do you support or oppose solar power in Virginia?



#### By Gender

8	Female	Male
Support	83%	81%
Oppose	17%	19%

#### **By Education**

# HS College Grad+ Support 79% 82% 87% Oppose 21% 18% 13%

#### By Ideology

5	Moderate	Conserv.	Liberal
Support	<b>87</b> %	65%	<b>96</b> %
Oppose	13%	35%	4%

#### By Age

	18-34	35-44	45-54	55-64	65+
Support	87%	<b>79</b> %	81%	77%	85%
Oppose	13%	21%	19%	23%	15%

## By Race

	White	Black	Other
Support	78%	<b>96</b> %	<b>9</b> 1%
Oppose	22%	4%	9%

#### By Last 4 Generals

	4	3	2	1	0
Support	78%	88%	86%	73%	86%
Oppose	22%	12%	14%	27%	14%

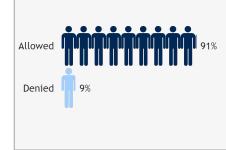
## By Self Reported Party

	Republican	Democrat	Indepen.
Support	<b>69</b> %	<b>98</b> %	73%
Oppose	31%	2%	27%

	1	2	3	4	5	6	7	8	9	10	11
Support	78%	72%	85%	<b>69</b> %	76%	<b>79</b> %	89%	92%	84%	88%	92%
Oppose	22%	28%	15%	31%	24%	21%	11%	8%	16%	12%	8%

## Landowners Limitations

Which of the following statements do you agree with the most?



#### Changes Since 1/16/23:

- Landowners should be allowed to build solar projects on their land because they have the right to decide how to use their land, and clean energy benefits everyone - 2
- Landowners should be denied the ability to build solar projects because it may change the appearance of their land, and some politicians believe that private land should be used for a different purpose + 2

#### By Gender

	Female	Male
Allowed	90%	<b>9</b> 1%
Denied	10%	<b>9</b> %

#### By Education

	HS	College	Grad+
Allowed	88%	93%	93%
Denied	12%	7%	7%

#### By Ideology

	Moderate	Conserv.	Liberal
Allowed	<b>90</b> %	87%	95%
Denied	10%	13%	5%

#### By Age

	18-34	35-44	45-54	55-64	65+
Allowed	<b>92</b> %	<b>91</b> %	<b>96</b> %	87%	89%
Denied	8%	<b>9</b> %	4%	13%	11%

#### By Last 4 Generals

	4	3	2	1	0
Allowed	<b>89</b> %	<b>91</b> %	93%	<b>90</b> %	93%
Denied	11%	<b>9</b> %	7%	10%	7%

## By Self Reported Party

	Republican	Democrat	Indepen.
Allowed	88%	95%	87%
Denied	12%	5%	13%

#### By Congressional District

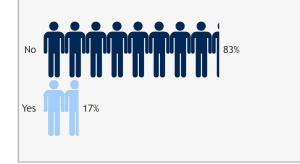
	1	2	3	4	5	6	7	8	9	10	11
Allowed	88%	<b>95</b> %	80%	86%	84%	95%	95%	93%	90%	<b>97</b> %	95%
Denied	12%	5%	20%	14%	16%	5%	5%	7%	10%	3%	5%

## By Race

	White	Black	Other
Allowed	91%	86%	91%
Denied	9%	14%	9%

## **Government Limitations**

Some farmers and landowners wish to use their land for solar projects to produce clean energy. Should local governments be able to limit landowner property rights by placing bans on solar development?



#### By Gender

	Female	Male
No	84%	83%
Yes	16%	17%

#### By Education

	HS	College	Grad+
No	83%	84%	83%
Yes	17%	16%	17%

#### By Ideology

N. S. S.	Moderate	Conserv.	Liberal
No	81%	85%	85%
Yes	<b>19</b> %	15%	15%

#### By Age

	18-34	35-44	45-54	55-64	65+
No	87%	90%	<b>89</b> %	83%	76%
Yes	13%	10%	11%	17%	24%

#### By Race

	White	Black	Other
No	85%	73%	84%
Yes	15%	27%	16%

#### By Last 4 Generals

	4	3	2	1	0
No	83%	<b>79</b> %	86%	<b>79</b> %	<b>92</b> %
Yes	17%	21%	14%	21%	8%

#### By Self Reported Party

	Republican	Democrat	Indepen.
No	86%	83%	81%
Yes	14%	17%	19%

	1	2	3	4	5	6	7	8	9	10	11
No	75%	<b>89</b> %	81%	91%	75%	88%	87%	84%	85%	76%	89%
Yes	25%	11%	<b>19</b> %	<b>9</b> %	25%	12%	13%	16%	15%	24%	11%

#### Methodology and Demographics



#### Fielded On: January 22-23, 2024

**Method:** Mobile Text Response and Landline Interviews

Population & Sample Description: 815 Likely Voters

**MoE:** +/- 3.43%

Weighting: Age, Gender, Education Level, Race, Party, and DMA

For information, contact: Ryan Munce President co/efficient ryan@coefficient.org

Parker Slaybaugh Executive Director Founders Insight parker@foundersinsight.com

## Age

Race

	%
18-34	14%
35-44	14%
45-54	17%
55-64	21%
65+	34%

#### Gender

	%
Female	53%
Male	47%

#### Education

	%
HS	46%
College	31%
Grad+	23%

#### Ideology

	%
Moderate	41%
Conserv.	34%
Liberal	25%
Liberat	25%

#### Self Reported

	%
Republican	<b>39</b> %
Democrat	41%
Indepen.	20%

#### **Congressional District**

	%
1	10%
2	8%
3	<b>9</b> %
4	8%
5	13%
6	12%
7	<b>9</b> %
8	8%
9	<b>9</b> %
10	7%
11	<b>9</b> %

	%
White	75%
Black	13%
Other	11%

#### Last 4 Generals

	%
4	42%
3	22%
2	11%
1	10%
0	16%