

"11. Not all of the energy released from a fuel i..." 

Number greater than:

Number less than:

Question #12 (Question group 44)

"12. Today only 1% of the nation's cars are fue..." 

Number greater than:

Number less than:

Question #13 (Question group 46)

"13. Please indicate your opinion on the statement ..." 

0 - Strongly Disagree

1

2

3

4

5 - Neutral

6

7

8

9

10 - Strongly Agree

Enter Token:

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**Results**

**Number of records in this query:** 794

**Total records in survey:** 794

**Percentage of total:** 100.00%

**Field summary for Q1**

**Please select your Gender:**

Answer	Count	Percentage
Female (F)	388	48.87%
Male (M)	405	51.01%
No answer	1	0.13%
Not completed or Not displayed	0	0.00%

**Field summary for Q2****What grade level are you?**

<b>Answer</b>	<b>Count</b>	<b>Percentage</b>
Elementary (A1)	6	0.76%
Grade 7 (A2)	4	0.50%
Grade 8 (A3)	57	7.18%
Grade 9 (A4)	197	24.81%
Grade 10 (A5)	174	21.91%
Grade 11 (A6)	122	15.37%
Grade 12 (A7)	167	21.03%
College (A8)	1	0.13%
Adult (A9)	65	8.19%
No answer	1	0.13%
Not completed or Not displayed	0	0.00%

**Field summary for Q3****Are you a member of any of the following groups?**

<b>Answer</b>	<b>Count</b>	<b>Percentage</b>
FCCLA Member (1)	17	2.14%
SkillsUSA Member (2)	52	6.55%
Student Council Member (3)	36	4.53%
NJHS/NHS Member (4)	86	10.83%
Future Educators of America (5)	12	1.51%
Mean:	3.12	

**Field summary for SQ1**

**1. As an average citizen, not an energy expert, how energy educated do you rate yourself?  
A value of 10 indicates you are a very energy educated citizen. A rating of 0 means you do not have a clue about energy and energy issues.**

<b>Answer</b>	<b>Count</b>	<b>Percentage</b>
0 - Don't Have a Clue (0)	35	4.41%
1 (1)	21	2.64%
2 (2)	36	4.53%
3 (3)	68	8.56%
4 (4)	88	11.08%
5 (5)	149	18.77%
6 (6)	146	18.39%
7 (7)	127	15.99%
8 (8)	59	7.43%
9 (9)	19	2.39%
10 - Very Energy Educated (10)	35	4.41%
No answer	1	0.13%
Not completed or Not displayed	10	1.26%
Mean:	5.37	

**Field summary for SQ2**

**2. How do you honestly rate your daily energy conservation decision making? A rating of 10 means you base all of your energy decisions on conservation measures. A 0 rating indicates that you never think about energy conservation at all.**

<b>Answer</b>	<b>Count</b>	<b>Percentage</b>
0 - Never Consider (0)	70	8.82%
1 (1)	46	5.79%
2 (2)	68	8.56%
3 (3)	99	12.47%
4 (4)	106	13.35%
5 (5)	146	18.39%
6 (6)	82	10.33%
7 (7)	74	9.32%
8 (8)	38	4.79%
9 (9)	18	2.27%
10 - Always Consider (10)	34	4.28%
No answer	0	0.00%
Not completed or Not displayed	13	1.64%
Mean:	4.51	

### Field summary for SQ3

**3. Please indicate your opinion on the statement below using a scale from 0-10. How well do you think the energy industry protects the environment? A rating of 10 means that the energy industry is doing an outstanding job protecting the environment. A rating of 5 indicates no opinion or you feel neutral about the statement. A rating of 0 means they are the polluting villains you see in movies and in cartoons.**

Answer	Count	Percentage
0 - Villains (0)	36	4.53%
1 (1)	22	2.77%
2 (2)	43	5.42%
3 (3)	79	9.95%
4 (4)	100	12.59%
5 - Neutral and have no opinion (5)	294	37.03%
6 (6)	88	11.08%
7 (7)	54	6.80%
8 (8)	33	4.16%
9 (9)	11	1.39%
10 - Outstanding Job (10)	15	1.89%
No answer	0	0.00%
Not completed or Not displayed	19	2.39%
Mean:	4.82	

### Field summary for SQ4

**4. Please indicate your opinion on the statement below using a scale from 0-10. With electric power needs increasing, nuclear power should provide more of the nation's electric power during the next 20 years. A rating of 0 indicates that you strongly disagree with the statement. A rating of 5 indicates no opinion or neutral about the statement. A rating of 10 indicates you strongly agree with the following statement**

Answer	Count	Percentage
0 - Strongly Disagree (0)	55	6.93%
1 (1)	18	2.27%
2 (2)	36	4.53%
3 (3)	39	4.91%
4 (4)	45	5.67%
5 - Neutral (5)	323	40.68%
6 (6)	76	9.57%
7 (7)	74	9.32%
8 (8)	48	6.05%
9 (9)	13	1.64%
10 - Strongly Agree (10)	43	5.42%
No answer	0	0.00%
Not completed or Not displayed	24	3.02%
Mean:	5.22	

**Field summary for SQ5**

**5. Please indicate your opinion on the statement below using a scale from 0-10. During the next 20 years the domestic production and consumption of natural gas should be increased, especially for transportation and electric power generation. A rating of 0 indicates that you strongly disagree with the statement. A rating of 5 indicates no opinion or neutral about the statement. A rating of 10 indicates you strongly agree with the following statement.**

<b>Answer</b>	<b>Count</b>	<b>Percentage</b>
0 - Strongly Disagree (0)	87	10.96%
1 (1)	22	2.77%
2 (2)	44	5.54%
3 (3)	59	7.43%
4 (4)	58	7.30%
5 - Neutral (5)	251	31.61%
6 (6)	67	8.44%
7 (7)	72	9.07%
8 (8)	39	4.91%
9 (9)	19	2.39%
10 - Strongly Agree (10)	48	6.05%
No answer	0	0.00%
Not completed or Not displayed	28	3.53%
Mean:	4.94	

### Field summary for SQ6

**6. Please indicate your opinion on the statement below using a scale from 0-10. During the next 20 years, industry and government should be encouraged to fund research into clean coal technologies for the generation of electric power in order to keep coal consumption at current or higher levels. A rating of 0 indicates that you strongly disagree with the statement. A rating of 5 indicates no opinion or you feel neutral about the statement. A rating of 10 indicates you strongly agree with the statement.**

<b>Answer</b>	<b>Count</b>	<b>Percentage</b>
0 - Strongly Disagree (0)	42	5.29%
1 (1)	17	2.14%
2 (2)	24	3.02%
3 (3)	38	4.79%
4 (4)	61	7.68%
5 - Neutral (5)	240	30.23%
6 (6)	73	9.19%
7 (7)	87	10.96%
8 (8)	69	8.69%
9 (9)	23	2.90%
10 - Strongly Agree (10)	90	11.34%
No answer	0	0.00%
Not completed or Not displayed	30	3.78%
Mean:	5.83	

### Field summary for SQ7

**7. Please indicate your opinion on the statement below using a scale from 0-10. During the next 20 years, tax-payer dollars should be provided to support the growth of the solar and wind energy industries. A rating of 0 indicates that you strongly disagree with the statement. A rating of 5 indicates no opinion or you feel neutral about the statement. A rating of 10 indicates you strongly agree with the statement.**

Answer	Count	Percentage
0 - Strongly Disagree (0)	60	7.56%
1 (1)	11	1.39%
2 (2)	24	3.02%
3 (3)	27	3.40%
4 (4)	50	6.30%
5 - Neutral (5)	191	24.06%
6 (6)	78	9.82%
7 (7)	69	8.69%
8 (8)	81	10.20%
9 (9)	36	4.53%
10 - Strongly Agree (10)	130	16.37%
No answer	0	0.00%
Not completed or Not displayed	37	4.66%
Mean:	6.16	

**Field summary for SQ8**

**8. Please indicate your opinion on the statement below using a scale from 0-10. The U.S. Congress and state governments should encourage development of oil and natural gas resources in offshore areas and Alaska. A rating of 0 indicates that you strongly disagree with the statement. A rating of 5 indicates no opinion or you feel neutral about the statement. A rating of 10 indicates you strongly agree with the statement.**

<b>Answer</b>	<b>Count</b>	<b>Percentage</b>
0 - Strongly Disagree (0)	88	11.08%
1 (1)	21	2.64%
2 (2)	37	4.66%
3 (3)	52	6.55%
4 (4)	52	6.55%
5 - Neutral (5)	252	31.74%
6 (6)	57	7.18%
7 (7)	66	8.31%
8 (8)	43	5.42%
9 (9)	24	3.02%
10 - Strongly Agree (10)	64	8.06%
No answer	0	0.00%
Not completed or Not displayed	38	4.79%
Mean:	5.17	

**Field summary for SQ9:**

**9. In 2010 , wind, solar, and other renewable energy sources provided what percentage of the total United States energy demand?**  
**Enter number from 0-100%**

<b>Calculation</b>	<b>Result</b>
Count	754
Sum	31931
Standard deviation	27.68
Average	42.35
Minimum	0
1st quartile (Q1)	5
2nd quartile (Median)	10
3rd quartile (Q3)	12
Maximum	100

Null values are ignored in calculations  
Q1 and Q3 calculated using [minitab method](#)

### Field summary for SQ10

**10. Please indicate your response to the question below using a scale from 0-10. How much could you tell someone about smart homes and the smart electric grid? A value of 10 indicates you can say a lot as you are are a very knowledgeable about Smart Technologies. A rating of 0 means you can't say anything about Smart Technologies.**

Answer	Count	Percentage
0 - Can't say a thing (0)	194	24.43%
1 (1)	73	9.19%
2 (2)	73	9.19%
3 (3)	60	7.56%
4 (4)	66	8.31%
5 (5)	106	13.35%
6 (6)	54	6.80%
7 (7)	58	7.30%
8 (8)	29	3.65%
9 (9)	12	1.51%
10 - Very Knowledgeable (10)	26	3.27%
No answer	0	0.00%
Not completed or Not displayed	43	5.42%
Mean:	3.72	

**Field summary for SQ11:**

**11. Not all of the energy released from a fuel is changed into useful energy. A portion of the energy released performs the task or tasks needed, and the rest is wasted. Today, on average, what percent of the energy released by a source becomes useful energy?**

**Enter a number from 0-100%**

<b>Calculation</b>	<b>Result</b>
Count	749
Sum	36532
Standard deviation	25.51
Average	48.77
Minimum	0
1st quartile (Q1)	10
Median value	10
3rd quartile (Q3)	20
Maximum	100

Null values are ignored in calculations  
Q1 and Q3 calculated using [minitab method](#)

**Field summary for SQ12:**

- 12. Today only 1% of the nation's cars are fueled solely by something other than gasoline. In the year 2030, what percent of the nation's vehicles do you think will run on a fuel other than gasoline? Choose 0-100%**

<b>Calculation</b>	<b>Result</b>
Count	745
Sum	38594
Standard deviation	30.95
Average	51.8
Minimum	0
1st quartile (Q1)	5
Median value	10
3rd quartile (Q3)	15
Maximum	100

Null values are ignored in calculations  
Q1 and Q3 calculated using [minitab method](#)

### Field summary for SQ13

**13. Please indicate your opinion on the statement below using a scale from 0-10. Climate change/global warming is primarily the result of the burning fossils fuels and is not part of a normal climatic warming cycle. A rating of 0 indicates that you strongly disagree with the statement. A rating of 5 indicates no opinion or you feel neutral about the statement. A rating of 10 indicates you strongly agree with the statement.**

Answer	Count	Percentage
0 - Strongly Disagree (0)	53	6.68%
1 (1)	15	1.89%
2 (2)	25	3.15%
3 (3)	32	4.03%
4 (4)	46	5.79%
5 - Neutral (5)	276	34.76%
6 (6)	61	7.68%
7 (7)	73	9.19%
8 (8)	53	6.68%
9 (9)	30	3.78%
10 - Strongly Agree (10)	80	10.08%
No answer	0	0.00%
Not completed or Not displayed	50	6.30%
Mean:	5.79	

