

Commonwealth Foundation February 2023 Energy Survey of 600 Registered Voters

Field Dates: 02/07-12/2023
Margin of Error by state: ± 4

You have been selected to participate in a survey with people like you in Pennsylvania today on a confidential basis. This is a rare opportunity to voice your opinions. Your responses will be kept confidential, you are not being asked to buy anything or donate money. We simply want to know what you think and how you feel.

A. Are you, or is anyone in your household, employed by the news media, a market research firm, an elected official, or actively involved with political campaigns?

100% No (**continue**)

B. Are you currently registered to vote in Pennsylvania?

100% Yes (**continue**)

D1. In what year were you born?

— — — —

D1_A. IF UNSURE OR REFUSED, ASK: Which of the following categories best describes your age?

| | TOTAL |
|-------------------|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| 18 TO 29 | 78 13% |
| 30 TO 44 | 138 23% |
| 45 TO 64 | 222 37% |
| 65 OR OLDER | 162 27% |

D2. What is your gender?

| | TOTAL |
|-------------------|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| FEMALE | 312 52% |
| MALE | 288 48% |

D3. Did you vote in the most recent November 2022 election?

| | TOTAL ----- |
|---|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| YES, I VOTED IN PERSON ON ELECTION DAY | 375 63% |
| YES, I VOTED IN PERSON EARLY | 22 4% |
| YES, I VOTED ABSENTEE | 16 3% |
| YES, I VOTED BY MAIL-IN BALLOT | 143 24% |
| NO, I DID NOT VOTE | 43 7% |

Directional Sentiment Series:

1. At this time next year, do you think that you will personally be (ROTATE) better or worse (END ROTATE) off than you are today?

| | TOTAL ----- |
|---------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| BETTER OFF ----- | 287 48% |
| WORSE OFF ----- | 226 38% |
| MUCH BETTER OFF | 71 12% |
| SOMEWHAT BETTER OFF | 216 36% |
| SOMEWHAT WORSE OFF | 149 25% |
| MUCH WORSE OFF | 77 13% |
| UNSURE | 87 14% |

2. At this time next year, do you think Pennsylvania will be (ROTATE) better or worse (END ROTATE) off than it is today?

| | TOTAL ----- |
|---------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| BETTER OFF ----- | 239 40% |
| WORSE OFF ----- | 276 46% |
| MUCH BETTER OFF | 43 7% |
| SOMEWHAT BETTER OFF | 195 33% |
| SOMEWHAT WORSE OFF | 188 31% |
| MUCH WORSE OFF | 87 15% |
| UNSURE | 86 14% |

3. Would you say that your quality of life has (ROTATE) gotten better, worsened, or stayed about the same (END ROTATE) since President Biden took office?

| | TOTAL ----- |
|-----------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| GOTTEN BETTER | 91 15% |
| STAYED ABOUT THE SAME | 215 36% |
| WORSENERD | 287 48% |
| UNSURE | 7 1% |

General Energy Sentiment:

Thinking a moment about the issue of energy and the environment...

ES1. What would you say is the most pressing issue in Pennsylvania today, regarding energy and the environment? (RANDOMIZE 1-5)

| | TOTAL |
|---|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| RISING COSTS OF ENERGY | 351 59% |
| ENVIRONMENTAL CONSEQUENCES OF ENERGY PRODUCTION AND EXPLORATION | 97 16% |
| TOO MANY LIMITS AND REGULATIONS ON ENERGY PRODUCTION | 64 11% |
| DEPENDS / UNSURE | 44 7% |
| NOT ENOUGH REGULATIONS ON ENERGY PRODUCTION | 30 5% |
| LOSS OF ENERGY SECTOR JOBS | 14 2% |

ES2. Which of the following types of energy production do you support expanding in Pennsylvania? (Select all that apply) (RANDOMIZE 1-7)

| | TOTAL |
|-------------------|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| NATURAL GAS | 323 54% |
| FRACKING | 149 25% |
| NUCLEAR | 153 26% |
| SOLAR | 372 62% |
| OIL | 176 29% |
| WIND | 329 55% |
| COAL | 129 21% |
| HYDROELECTRIC | 234 39% |
| OTHER | 14 2% |
| NONE OF THE ABOVE | 7 1% |
| DEPENDS / UNSURE | 45 7% |

ES3. Do you (ROTATE) support or oppose (END ROTATE) our state government implementing greenhouse gas emission taxes on Pennsylvania energy companies? (ROTATE 1-4, 4-1)

| | TOTAL ----- |
|-------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| SUPPORT ----- | 281 47% |
| OPPOSE ----- | 221 37% |
| STRONGLY SUPPORT | 120 20% |
| SOMEWHAT SUPPORT | 161 27% |
| SOMEWHAT OPPOSE | 110 18% |
| STRONGLY OPPOSE | 111 19% |
| DEPENDS / UNSURE | 98 16% |

ES4. Would you (ROTATE) support or oppose (END ROTATE) a rule that states that for every new governmental regulation enacted, two government regulations need to be cut? (ROTATE 1-4, 4-1)

| | TOTAL ----- |
|-------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| SUPPORT ----- | 234 39% |
| OPPOSE ----- | 200 33% |
| STRONGLY SUPPORT | 70 12% |
| SOMEWHAT SUPPORT | 164 27% |
| SOMEWHAT OPPOSE | 120 20% |
| STRONGLY OPPOSE | 80 13% |
| DEPENDS / UNSURE | 166 28% |

ES5. Would you (ROTATE) support or oppose (END ROTATE) Pennsylvania building more pipelines throughout the state to transport natural gas to homes and businesses, easing the strain on our electrical grid and reducing our state's energy costs?

| | TOTAL ----- |
|-------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| SUPPORT ----- | 411 69% |
| OPPOSE ----- | 127 21% |
| STRONGLY SUPPORT | 192 32% |
| SOMEWHAT SUPPORT | 219 37% |
| SOMEWHAT OPPOSE | 67 11% |
| STRONGLY OPPOSE | 60 10% |
| DEPENDS / UNSURE | 61 10% |

ES6. Over the past year, would you say that your household electric bill has (ROTATE) gone up, gone down or stayed the same? (RANDOMIZE)

| | TOTAL ----- |
|-------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| GONE UP | 461 77% |
| STAYED THE SAME | 108 18% |
| GONE DOWN | 16 3% |
| DEPENDS / UNSURE | 16 3% |

ES7. Many experts acknowledge that a transition to green energy sources will be expensive as technology is developed and supply chains are built. Some of this cost will be placed on consumers. Knowing this, how much more money would you be willing to pay on your energy bill for "green" energy development and consumption? (ROTATE 1-4,4-1)

| | TOTAL ----- |
|--|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| UP TO 50% MORE ON MY CURRENT ENERGY BILL | 21 4% |
| UP TO 25% MORE ON MY CURRENT ENERGY BILL | 68 11% |
| UP TO 10% MORE ON MY CURRENT ENERGY BILL | 171 29% |
| NO, I AM NOT WILLING TO PAY MORE FOR "GREEN" ENERGY | 284 47% |
| DEPENDS / UNSURE | 56 9% |

Energy Approval

You will now read a list of political entities and officials in the United States. After each, please indicate whether you **(ROTATE)** approve or disapprove **(END ROTATE)** of the job each are doing with regard to energy policy. If you don't know or haven't heard of the entity, please note that.

(RANDOMIZE QUESTIONS IN SERIES)

EA1. President Biden

| | TOTAL |
|----------------------|-------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 |
| | 100% |
| APPROVED | 253 |
| ----- | 42% |
| DISAPPROVED | 331 |
| ----- | 55% |
| STRONGLY APPROVED | 96 |
| | 16% |
| SOMEWHAT APPROVED | 157 |
| | 26% |
| SOMEWHAT DISAPPROVED | 73 |
| | 12% |
| STRONGLY DISAPPROVED | 258 |
| | 43% |
| NEVER HEARD OF | 1 |
| | - |
| UNSURE | 15 |
| | 3% |

EA2. The Environmental Protection Agency (EPA)

| | TOTAL |
|----------------------|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| APPROVED | 335 56% |
| ----- | ----- |
| DISAPPROVED | 193 32% |
| ----- | ----- |
| STRONGLY APPROVED | 87 14% |
| SOMEWHAT APPROVED | 248 41% |
| SOMEWHAT DISAPPROVED | 118 20% |
| STRONGLY DISAPPROVED | 75 12% |
| NEVER HEARD OF | 14 2% |
| UNSURE | 58 10% |

EA3. Energy companies

| | TOTAL |
|----------------------|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| APPROVED | 234 39% |
| ----- | ----- |
| DISAPPROVED | 299 50% |
| ----- | ----- |
| STRONGLY APPROVED | 42 7% |
| SOMEWHAT APPROVED | 192 32% |
| SOMEWHAT DISAPPROVED | 180 30% |
| STRONGLY DISAPPROVED | 118 20% |
| NEVER HEARD OF | 3 1% |
| UNSURE | 64 11% |

EA4. Your Congressional representatives

| | TOTAL |
|----------------------|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| APPROVED | 232 39% |
| ----- | ----- |
| DISAPPROVED | 282 47% |
| ----- | ----- |
| STRONGLY APPROVED | 42 7% |
| SOMEWHAT APPROVED | 190 32% |
| SOMEWHAT DISAPPROVED | 182 30% |
| STRONGLY DISAPPROVED | 100 17% |
| NEVER HEARD OF | 11 2% |
| UNSURE | 74 12% |

EA5. Pennsylvania state and local elected officials

| | TOTAL |
|----------------------|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| APPROVED | 258 43% |
| ----- | ----- |
| DISAPPROVED | 270 45% |
| ----- | ----- |
| STRONGLY APPROVED | 43 7% |
| SOMEWHAT APPROVED | 215 36% |
| SOMEWHAT DISAPPROVED | 184 31% |
| STRONGLY DISAPPROVED | 86 14% |
| NEVER HEARD OF | 7 1% |
| UNSURE | 65 11% |

EA6. Environmental advocacy groups

| | TOTAL |
|----------------------|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| APPROVED | 292 49% |
| ----- | ----- |
| DISAPPROVED | 203 34% |
| ----- | ----- |
| STRONGLY APPROVED | 79 13% |
| SOMEWHAT APPROVED | 213 35% |
| SOMEWHAT DISAPPROVED | 108 18% |
| STRONGLY DISAPPROVED | 95 16% |
| NEVER HEARD OF | 22 4% |
| UNSURE | 83 14% |

Policy Series:

Moving on...

PS1. Have you read, seen, or heard about the Regional Greenhouse Gas Initiative (RGGI)?

| | TOTAL |
|-------------------|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| YES | 87 14% |
| NO | 440 73% |
| UNSURE | 73 12% |

(IF 1-Yes in Previous Question)

PS2. Has what you have read, seen, or heard about the Regional Greenhouse Gas Initiative (RGGI) generally been (ROTATE) positive or negative (END ROTATE)? (ROTATE 1-4,4-1)

| | TOTAL |
|---------------------------|------------|
| | ----- |
| BASE=READ, SEEN, OR HEARD | 87 100% |
| POSITIVE | 40 |
| ----- | 46% |
| NEGATIVE | 29 |
| ----- | 34% |
| STRONGLY POSITIVE | 9 11% |
| SOMEWHAT POSITIVE | 31 36% |
| SOMEWHAT NEGATIVE | 16 18% |
| STRONGLY NEGATIVE | 13 15% |
| NEUTRAL | 17 19% |
| DEPENDS / UNSURE | 1 1% |

(ASK ALL)

PS3. Do you (ROTATE) support or oppose (END ROTATE) Pennsylvania's participation in the Regional Greenhouse Gas Initiative (RGGI), a regional program requiring that Pennsylvania power plants purchase a carbon allowance to offset the carbon emitted from their power plant?

| | TOTAL |
|-------------------|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| SUPPORT | 279 |
| ----- | 46% |
| OPPOSE | 156 |
| ----- | 26% |
| STRONGLY SUPPORT | 82 14% |
| SOMEWHAT SUPPORT | 197 33% |
| SOMEWHAT OPPOSE | 82 14% |
| STRONGLY OPPOSE | 74 12% |
| DEPENDS / UNSURE | 166 28% |

(IF 1 OR 2 IN PREVIOUS, ASK FOLLOWING TWO QUESTIONS)

PS3_a. Would you be (ROTATE) more or less (END ROTATE) likely to support Pennsylvania's participation in RGGI if it led to a 30% increase in your electric utility bill?

| | TOTAL |
|----------------------|---------------------|
| | ----- |
| BASE=SUPPORT | 279 100% |
| MORE LIKELY | 56 ----- 20% |
| LESS LIKELY | 193 ----- 69% |
| MUCH MORE LIKELY | 18 6% |
| SOMEWHAT MORE LIKELY | 39 14% |
| SOMEWHAT LESS LIKELY | 83 30% |
| MUCH LESS LIKELY | 110 39% |
| DEPENDS / UNSURE | 30 11% |

PS3_b. Would you be (ROTATE) more or less (END ROTATE) likely to support Pennsylvania's participation in RGGI if it cost Pennsylvania 30,000 jobs?

| | TOTAL |
|----------------------|---------------------|
| | ----- |
| BASE=SUPPORT | 279 100% |
| MORE LIKELY | 60 ----- 22% |
| LESS LIKELY | 182 ----- 65% |
| MUCH MORE LIKELY | 12 4% |
| SOMEWHAT MORE LIKELY | 49 17% |
| SOMEWHAT LESS LIKELY | 63 23% |
| MUCH LESS LIKELY | 118 42% |
| DEPENDS / UNSURE | 37 13% |

(ASK ALL)

PS4. Have you read, seen, or heard about ESG (Environmental, Social and Governance), a set of standards used to measure the impact of an industry or company on society and the environment?

| | TOTAL |
|-------------------|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| YES | 108 18% |
| NO | 419 70% |
| UNSURE | 74 12% |

(IF 1-Yes in Previous Question)

PS5. Has what you have read, seen, or heard about ESG (Environmental, Social and Governance) generally been (ROTATE) positive or negative (END ROTATE)? (ROTATE 1-4,4-1)

| | TOTAL |
|---------------------------|-------------|
| | ----- |
| BASE=READ, SEEN, OR HEARD | 108 100% |
| POSITIVE | 45 42% |
| NEGATIVE | 47 44% |
| STRONGLY POSITIVE | 15 14% |
| SOMEWHAT POSITIVE | 30 28% |
| SOMEWHAT NEGATIVE | 23 21% |
| STRONGLY NEGATIVE | 24 23% |
| NEUTRAL | 14 13% |
| DEPENDS / UNSURE | 1 1% |

(ASK ALL)

PS6. Do you (ROTATE) support or oppose (END ROTATE) governmental agencies utilizing Environmental, Social, and Governance (ESG) standards to rate socially conscious behavior of Pennsylvania companies?

| | TOTAL ----- |
|-------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| SUPPORT ----- | 254 42% |
| OPPOSE ----- | 168 28% |
| STRONGLY SUPPORT | 53 9% |
| SOMEWHAT SUPPORT | 202 34% |
| SOMEWHAT OPPOSE | 96 16% |
| STRONGLY OPPOSE | 73 12% |
| DEPENDS / UNSURE | 177 30% |

PS7. Which of the following statements come closest to your own opinion about Environmental, Social, and Governance (ESG) standards?

(ROTATE STATEMENTS)

Statement A: Government should hold businesses accountable to socially and environmentally conscious commitments.

Statement B: Politicians and unelected bureaucrats should not micromanage businesses and consumers by imposing their political and social interests.

| | TOTAL ----- |
|----------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| STATEMENT A ----- | 329 55% |
| STATEMENT B ----- | 232 39% |
| STRONGLY STATEMENT A | 161 27% |
| SOMEWHAT STATEMENT A | 168 28% |
| SOMEWHAT STATEMENT B | 113 19% |
| STRONGLY STATEMENT B | 119 20% |
| UNSURE | 39 7% |

PS8. Which of the following statements come closest to your own opinion about state managed investments?

(ROTATE STATEMENTS)

Statement A: State pension funds and 401ks should be invested to achieve the best returns.

Statement B: State pension funds and 401ks should be invested only in companies adhering to social conscious ESG standards.

| | TOTAL ----- |
|----------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| STATEMENT A ----- | 418 70% |
| STATEMENT B ----- | 118 20% |
| STRONGLY STATEMENT A | 273 46% |
| SOMEWHAT STATEMENT A | 145 24% |
| SOMEWHAT STATEMENT B | 73 12% |
| STRONGLY STATEMENT B | 44 7% |
| UNSURE | 64 11% |

PS9. Do you (ROTATE) support or oppose (END ROTATE) unelected bureaucrats being allowed to issue costly regulations without the approval or authorization of our elected officials? **(ROTATE 1-4, 4-1)**

| | TOTAL ----- |
|-------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| SUPPORT ----- | 81 13% |
| OPPOSE ----- | 453 76% |
| STRONGLY SUPPORT | 21 3% |
| SOMEWHAT SUPPORT | 60 10% |
| SOMEWHAT OPPOSE | 160 27% |
| STRONGLY OPPOSE | 294 49% |
| DEPENDS / UNSURE | 66 11% |

PS10. Who do you believe should be allowed to make laws in Pennsylvania? (ROTATE 1 to 2, 2 to 1)

| | TOTAL |
|--|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| ELECTED OFFICIALS | 424 71% |
| UNELECTED GOVERNMENT BUREAUCRATS | 9 2% |
| BOTH SHOULD BE ALLOWED TO MAKE LAWS | 106 18% |
| DEPENDS / UNSURE | 60 10% |

Key Phrase Testing:

KP1. Lawmakers in Harrisburg are proposing a number of amendments to the Pennsylvania Constitution that, if passed by the General Assembly, would go before voters in a ballot referendum that voters can vote ‘yes’ or ‘no’ on.

One of these amendments would allow the General Assembly in Harrisburg to block any proposed administrative regulation by the governor with a simple majority of the House and Senate. Under this amendment the governor would not have veto power.

Knowing this, would you vote “yes” or “no” on this amendment?
(ROTATE 1-4, 4-1)

| | TOTAL |
|-------------------|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| YES --- | 234 39% |
| NO -- | 261 44% |
| YES, STRONGLY | 76 13% |
| YES, SOMEWHAT | 158 26% |
| NO, SOMEWHAT | 121 20% |
| NO, STRONGLY | 140 23% |
| DEPENDS / UNSURE | 105 17% |

KP2. Would you (ROTATE) support or oppose (END ROTATE) Pennsylvania establishing an agency that is independent of the state legislature and government, to review outdated regulations?
(ROTATE 1-4, 4-1)

| | TOTAL ----- |
|-------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| SUPPORT ----- | 428 71% |
| OPPOSE ----- | 82 14% |
| STRONGLY SUPPORT | 132 22% |
| SOMEWHAT SUPPORT | 296 49% |
| SOMEWHAT OPPOSE | 52 9% |
| STRONGLY OPPOSE | 30 5% |
| DEPENDS / UNSURE | 90 15% |

KP3. Would you (ROTATE) support or oppose (END ROTATE) an amendment that would require state agencies to automatically approve permitting requests if the agency did not address the request within a specified timeline?

(ROTATE 1-4, 4-1)

| | TOTAL ----- |
|-------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| SUPPORT ----- | 258 43% |
| OPPOSE ----- | 209 35% |
| STRONGLY SUPPORT | 47 8% |
| SOMEWHAT SUPPORT | 212 35% |
| SOMEWHAT OPPOSE | 136 23% |
| STRONGLY OPPOSE | 73 12% |
| DEPENDS / UNSURE | 133 22% |

KP4. Would you (ROTATE) support or oppose (END ROTATE) requiring elected officials to review major regulations in order to prevent decisions being made by executive action or by unelected bureaucrats?
(ROTATE 1-4, 4-1)

| | TOTAL ----- |
|-------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| SUPPORT ----- | 408 68% |
| OPPOSE ----- | 89 15% |
| STRONGLY SUPPORT | 168 28% |
| SOMEWHAT SUPPORT | 240 40% |
| SOMEWHAT OPPOSE | 63 11% |
| STRONGLY OPPOSE | 26 4% |
| DEPENDS / UNSURE | 103 17% |

KP5. Would you (ROTATE) support or oppose (END ROTATE) requiring legislative approval of any regulation that would cost the state or taxpayers more than \$1 million?
(ROTATE 1-4, 4-1)

| | TOTAL ----- |
|-------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| SUPPORT ----- | 316 53% |
| OPPOSE ----- | 208 35% |
| STRONGLY SUPPORT | 181 30% |
| SOMEWHAT SUPPORT | 135 22% |
| SOMEWHAT OPPOSE | 93 15% |
| STRONGLY OPPOSE | 115 19% |
| DEPENDS / UNSURE | 76 13% |

KP6. Which of the following statements comes closest to your own opinion when thinking about government regulation and oversight on Pennsylvania energy producers? (RANDOMIZE 1-3)

| | TOTAL |
|--|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| THERE IS TOO MUCH BUREAUCRATIC RED TAPE HINDERING ENERGY PRODUCTION IN THE STATE. | 262 44% |
| THE AMOUNT OF GOVERNMENT REGULATION AND OVERSIGHT ON ENERGY PRODUCTION IN THE STATE SEEMS FAIR. | 87 15% |
| THERE IS NOT ENOUGH GOVERNMENT REGULATION PENALIZING ENERGY COMPANIES FOR THEIR CARBON EMISSIONS OR LIMITING ENERGY PROD | 159 26% |
| DEPENDS / UNSURE | 92 15% |

KP7. Which of the following statements come closest to your own opinion about energy and environment regulations?

(ROTATE STATEMENTS)

Statement A: Government energy regulations and oversight helps protect the environment and bolster consumer safety.

Statement B: Excessive government red tape prevents energy production, drives up costs for consumers, and has little environmental or safety benefits.

| | TOTAL |
|----------------------|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| STATEMENT A ----- | 272 45% |
| STATEMENT B ----- | 285 48% |
| STRONGLY STATEMENT A | 116 19% |
| SOMEWHAT STATEMENT A | 155 26% |
| SOMEWHAT STATEMENT B | 156 26% |
| STRONGLY STATEMENT B | 130 22% |
| UNSURE | 43 7% |

KP8. Are you familiar with the term “unilateral action”?

| | TOTAL |
|-------------------|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| YES | 164 27% |
| NO | 329 55% |
| UNSURE | 107 18% |

Message Testing:

Next, you will now read a series of statements and opinions relating to Pennsylvania’s energy and environment sector. After each, please indicate whether you agree or disagree with the statement/opinion.
(RANDOMIZE QUESTIONS IN SERIES)

MT1. The Pennsylvania government needs to be working with, not against, our energy producing companies to lower the cost of utility bills.

| | TOTAL |
|-------------------|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| AGREE | 503 84% |
| DISAGREE | 52 9% |
| STRONGLY AGREE | 317 53% |
| SOMEWHAT AGREE | 186 31% |
| SOMEWHAT DISAGREE | 36 6% |
| STRONGLY DISAGREE | 16 3% |
| DEPENDS / UNSURE | 45 7% |

MT2. Republican or Democrat, it shouldn't matter; our elected officials in Pennsylvania should be working together with energy companies to increase energy production while limiting the strain on our electrical grid.

| | TOTAL ----- |
|-------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| AGREE ----- | 500 83% |
| DISAGREE ----- | 49 8% |
| STRONGLY AGREE | 292 49% |
| SOMEWHAT AGREE | 208 35% |
| SOMEWHAT DISAGREE | 36 6% |
| STRONGLY DISAGREE | 13 2% |
| DEPENDS / UNSURE | 51 9% |

MT3. Pennsylvania's government officials should prioritize the power grid, and reduce power outages before they consider limiting current energy production and bringing new types of alternative energy online.

| | TOTAL ----- |
|-------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| AGREE ----- | 415 69% |
| DISAGREE ----- | 113 19% |
| STRONGLY AGREE | 189 31% |
| SOMEWHAT AGREE | 226 38% |
| SOMEWHAT DISAGREE | 85 14% |
| STRONGLY DISAGREE | 28 5% |
| DEPENDS / UNSURE | 72 12% |

MT4. Republicans and Democrats in the state should work together to reduce energy regulations that stifle production and drive-up energy prices.

| | TOTAL ----- |
|-------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| AGREE ----- | 462 77% |
| DISAGREE ----- | 94 16% |
| STRONGLY AGREE | 296 49% |
| SOMEWHAT AGREE | 166 28% |
| SOMEWHAT DISAGREE | 57 10% |
| STRONGLY DISAGREE | 37 6% |
| DEPENDS / UNSURE | 44 7% |

MT5. Excessive governmental regulation on our state's energy sector is limiting energy production and driving up the cost of electricity for consumers.

| | TOTAL ----- |
|-------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| AGREE ----- | 384 64% |
| DISAGREE ----- | 140 23% |
| STRONGLY AGREE | 172 29% |
| SOMEWHAT AGREE | 212 35% |
| SOMEWHAT DISAGREE | 96 16% |
| STRONGLY DISAGREE | 43 7% |
| DEPENDS / UNSURE | 77 13% |

MT6. Pennsylvania is one of the nation's most natural gas-rich states. Our government officials should be embracing this natural energy resource, not penalizing it.

| | TOTAL ----- |
|-------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| AGREE ----- | 414 69% |
| DISAGREE ----- | 110 18% |
| STRONGLY AGREE | 236 39% |
| SOMEWHAT AGREE | 178 30% |
| SOMEWHAT DISAGREE | 71 12% |
| STRONGLY DISAGREE | 39 7% |
| DEPENDS / UNSURE | 76 13% |

MT7. By overregulating the industry and searching for alternative energy sources, the government is taking jobs away from hard-working Pennsylvanians.

| | TOTAL ----- |
|-------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| AGREE ----- | 341 57% |
| DISAGREE ----- | 176 29% |
| STRONGLY AGREE | 171 28% |
| SOMEWHAT AGREE | 170 28% |
| SOMEWHAT DISAGREE | 104 17% |
| STRONGLY DISAGREE | 72 12% |
| DEPENDS / UNSURE | 83 14% |

Demographic Section

Now just a few questions to make sure we have a representative sample –

D4. Are you or is anyone in your household a member of a trade, teacher or labor union?

| | TOTAL |
|-------------------|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| YES | 57 9% |
| NO | 538 90% |
| UNSURE | 4 1% |
| PREFER NOT TO SAY | 1 - |

D5. In politics today, and regardless of how you are registered, do you consider yourself to be a (ROTATE) Republican, Independent, or Democrat?

| | TOTAL |
|-----------------------------------|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| REPUBLICAN | 234 39% |
| ----- | |
| STRONG REPUBLICAN | 116 19% |
| NOT SO STRONG REPUBLICAN | 118 20% |
| INDEPENDENT | 138 23% |
| ----- | |
| INDEPENDENT LEANING REPUBLICAN | 34 6% |
| INDEPENDENT | 73 12% |
| INDEPENDENT LEANING DEMOCRAT | 32 5% |
| DEMOCRAT | 228 38% |
| ----- | |
| NOT SO STRONG DEMOCRAT | 68 11% |
| STRONG DEMOCRAT | 160 27% |
| OTHER | - - |
| PREFER NOT TO SAY | - - |

D6. Do you consider yourself to be of Hispanic or Latino descent, such as Mexican, Puerto Rican, Cuban, or some other Central or Latin American background?

| | TOTAL ----- |
|-------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| YES | 32 5% |
| NO | 564 94% |
| UNSURE | 1 - |
| PREFER NOT TO SAY | 2 - |

D7. And which of the following best describes your racial background

| | TOTAL ----- |
|---------------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| WHITE OR CAUCASIAN | 486 81% |
| BLACK OR AFRICAN-AMERICAN | 66 11% |
| ASIAN OR PACIFIC ISLAND | 20 3% |
| HISPANIC | 13 2% |
| NATIVE AMERICAN | 4 1% |
| MIDDLE EASTERN | 3 - |
| OTHER | 7 1% |
| PREFER NOT TO SAY | 1 - |

D8. We want to classify people into broad income groups only. Would you estimate your total household income to be...?

| | TOTAL ----- |
|--------------------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| BELOW \$40,000 | 158 26% |
| BETWEEN \$40,000 AND \$79,999 | 207 34% |
| BETWEEN \$80,000 AND \$124,999 | 123 20% |
| ABOVE \$125,000 | 98 16% |
| UNSURE | 3 1% |
| PREFER NOT TO SAY | 11 2% |

D9. What is the highest level of formal education that you have completed?

| | TOTAL ----- |
|--|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| LESS THAN HIGH SCHOOL | 9 2% |
| HIGH SCHOOL GRADUATE | 142 24% |
| SOME COLLEGE | 107 18% |
| COLLEGE GRADUATE WITH ASSOCIATES OR 2 YEAR DEGREE | 71 12% |
| COLLEGE GRADUATE WITH A BACHELORS OR 4 YEAR DEGREE | 166 28% |
| POST-GRADUATE DEGREE | 78 13% |
| TECHNICAL OR VOCATIONAL SCHOOL GRADUATE | 25 4% |
| DON'T KNOW/ PREFER NOT TO SAY | 2 - |

D10. Would you best describe the neighborhood or area you live in as... **(ROTATE TOP-TO-BOTTOM, BOTTOM-TO-TOP)**

| | TOTAL ----- |
|----------------------------------|----------------|
| BASE=TOTAL SAMPLE | 600 100% |
| URBAN | 132 22% |
| SUBURBAN | 336 56% |
| RURAL | 132 22% |
| DON'T KNOW/ PREFER NOT TO SAY | - - |

D11. Thinking for a moment about your social, economic, and political views...Do you consider yourself to be (ROTATE) a conservative, moderate or liberal...?

| | TOTAL |
|-------------------------------|-------------|
| | ----- |
| BASE=TOTAL SAMPLE | 600 100% |
| CONSERVATIVE | 206 34% |
| ----- | |
| VERY CONSERVATIVE | 72 12% |
| SOMEWHAT CONSERVATIVE | 134 22% |
| MODERATE | 183 30% |
| LIBERAL | 194 32% |
| ----- | |
| SOMEWHAT LIBERAL | 107 18% |
| VERY LIBERAL | 87 14% |
| LIBERTARIAN | 2 - |
| DO NOT KNOW/PREFER NOT TO SAY | 16 3% |

D12. Which county in Pennsylvania do you currently reside? (IF UNSURE, PREFILLED BY DATA ON FILE)