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SEPTEMBER 26, 2013

What Energy Boom? Half Unaware of Rise in U.S. Production

# Continued Support for Keystone XL Pipeline

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#### What Energy Boom? Half Unaware of Rise in U.S. Production

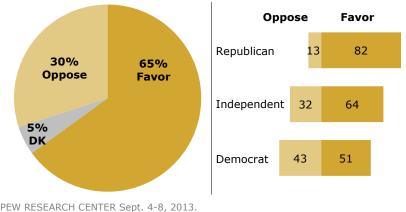
### Continued Support for Keystone XL Pipeline

Most Americans (65%) continue to favor building the Keystone XL pipeline, perhaps the most politically contentious energy issue in Barack Obama's second term. Yet when it comes to another issue making headlines – a proposal to tighten greenhouse gas emissions from power plants – the public favors stricter limits, by exactly the same margin as the Keystone pipeline (65% to 30%).

Opinions on these two hotly debated issues underscore the complexity of public attitudes on U.S. energy policy. Support for increasing energy production from some traditional sources remains strong: 58% favor increased offshore oil and gas drilling in U.S. waters.

#### **Broad Support for Keystone Pipeline**

Building the Keystone XL pipeline ...



Yet over the past year, opposition to the drilling

process known as fracking has increased, as has opposition to nuclear power. Just 38% favor promoting the increased use of nuclear power while 58% are opposed, the highest level of opposition since the question was first asked in 2005.

The national survey by the Pew Research Center, conducted Sept. 4-8 among 1,506 adults, finds that, as with other energy-related issues, there is a sharp partisan divide on the Keystone pipeline. But while an overwhelming majority of Republicans (82%) favor construction of the pipeline, so too do 64% of independents and about half of Democrats (51%).

President Obama's decision about whether to go ahead with the pipeline is expected in the next few months. Environmental groups staunchly oppose the project, while GOP lawmakers are stepping up pressure on Obama to approve it.

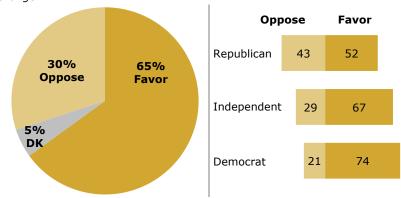
The survey was conducted before the EPA announced its proposal to limit greenhouse gas emissions from new power plants. Nearly two-thirds of the public favors stricter emissions limits on power plants, including 74% of Democrats, 67% of independents and 52% of Republicans.

# Overall, 44% favor and 49% oppose the increased use of

fracking, the drilling method that uses highpressure water and chemicals to extract oil and natural gas from underground rock formations. In March, there was more support (48%) than opposition (38%) for more extensive use of the drilling process. The rise in opposition to fracking has come among most demographic and partisan groups.

#### **Most Back New Emission Limits on Power Plants**

Setting stricter emission limits on power plants in order to address climate change



PEW RESEARCH CENTER Sept. 4-8, 2013.

### Growing Opposition to the Increased Use of Fracking

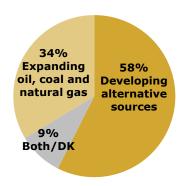
| Increased use of | March<br>2013 | Sept<br>2013 | Change |
|------------------|---------------|--------------|--------|
| fracking         | %             | %            |        |
| Favor            | 48            | 44           | -4     |
| Oppose           | 38            | 49           | +11    |
| Don't know       | <u>14</u>     | <u>Z</u>     | -7     |
|                  | 100           | 100          |        |

PEW RESEARCH CENTER Sept. 4-8, 2013. Figures may not add to 100% because of rounding.

In terms of broader priorities for the nation's energy supply, a majority of Americans (58%) say it is more important to develop alternative energy sources, such as wind, solar and hydrogen technology, while just 34% say expanding exploration and production of oil, coal and natural gas is the more important priority. These views are little changed from February, when 54% said more important to develop alternatives and 34% said more important to expand production from traditional sources.

There are age differences in opinions about a number of energy policies, but they are particularly stark in views of overall energy priorities. Fully 73% of those younger than 30, and 61% of those 30 to 49, say it is more important to develop alternative energy sources; among those 50 and older, only about half (48%) view alternative energy as the greater priority.

# Priority for Addressing U.S. Energy Supply ...



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The survey finds that the recent energy boom in the United States has not registered

widely with the public: only 48% correctly say that U.S. energy production is up in recent years and just 34% attribute it mainly to greater oil, coal and natural gas, even though oil and gas exploration has been the primary driver of this trend.

There is no indication that awareness of the nation's growing energy production is related to energy policy attitudes. For instance, among those who know that energy production is growing mostly from traditional sources, 57% prioritize developing alternative energy sources. That is about the same percentage (58%) among those who do not know this.

# Just Half Are Aware of Increasing Domestic Energy Production

| In recent years, amount of energy produced | Sept<br>2013 |
|--|--------------|
| in U.S. has been                           | %            |
| Increasing (correct)                       | 48           |
| Mostly from wind/solar                     | 9            |
| Mostly from oil/coal/natural gas (correct) | 34           |
| Both equally (vol.)                        | 2            |
| Don't know                                 | 3            |
| Decreasing                                 | 12           |
| Staying about the same                     | 31           |
| Don't know                                 | <u>10</u>    |
|  | 100          |

PEW RESEARCH CENTER Sept. 4-8, 2013. Figures may not add to 100% because of rounding.

#### **Keystone XL Support Remains Broad**

Support for the Keystone XL pipeline has remained fairly stable during the past six

months (65% today, 66% in March), though opposition has risen from 23% to 30%.

During this period, the Obama administration has continued to weigh whether to allow completion of the pipeline, which would transport oil from Canada's oil sands through the Midwest to refineries in Texas. Because the pipeline would cross an international border, the northern leg requires federal approval. The southern portion does not, and much of it has been constructed.

<u>In June</u>, President Obama for the first time linked the pipeline debate to climate change, saying he would approve the project only if it would not "significantly exacerbate the problem of carbon pollution."

Republicans overwhelmingly support constructing the pipeline. Eight-in-ten conservative Republicans (84%) and 76% of GOP moderates and liberals favor building the pipeline. As was the case in March, Democrats are internally divided: By 58% to 41%, conservative and moderate Democrats favor construction of the pipeline. Liberal Democrats oppose the proposal, by 54% to 41%.

## **Democrats Internally Divided over Keystone XL**

| Building the<br>Keystone XL | Favor | Oppose | DK    |
|-----------------------------|-------|--------|-------|
| pipeline                    | %     | %      | %     |
| Total                       | 65    | 30     | 5=100 |
| Men                         | 69    | 28     | 3=100 |
| Women                       | 61    | 33     | 7=100 |
| 18-29                       | 55    | 39     | 5=100 |
| 30-49                       | 65    | 30     | 6=100 |
| 50-64                       | 70    | 28     | 3=100 |
| 65+                         | 69    | 24     | 6=100 |
| College grad+               | 61    | 33     | 6=100 |
| Some college                | 66    | 31     | 4=100 |
| HS or less                  | 66    | 28     | 5=100 |
| Family income               |       |        |       |
| \$75,000 or more            | 69    | 27     | 4=100 |
| \$30,000-\$75,000           | 66    | 29     | 5=100 |
| Less than \$30,000          | 61    | 33     | 5=100 |
| Republican                  | 82    | 13     | 6=100 |
| Cons Rep                    | 84    | 9      | 7=100 |
| Mod/Lib Rep                 | 76    | 21     | 3=100 |
| Independent                 | 64    | 32     | 3=100 |
| Democrat                    | 51    | 43     | 6=100 |
| Cons/Mod Dem                | 58    | 36     | 6=100 |
| Liberal Dem                 | 41    | 54     | 5=100 |
| Northeast                   | 64    | 30     | 6=100 |
| Midwest                     | 66    | 31     | 3=100 |
| South                       | 68    | 27     | 5=100 |
| West                        | 58    | 36     | 6=100 |

PEW RESEARCH CENTER Sept. 4-8, 2013. Figures may not add to 100% because of rounding.

While majorities across all age groups back the Keystone XL pipeline, there is less support among young people. Among those younger than 30, 55% favor building the Keystone XL pipeline while 39% are opposed. People 30 and older favor it by more than two-to-one (67% to 28%).

The balance of opinion favoring the pipeline is roughly the same in the six states it would pass through as in other parts of the country. In the six states the pipeline would traverse – Montana, South Dakota, Nebraska, Kansas, Oklahoma and Texas – 69% support its construction while 28% are opposed. Those in other states support it by a margin of 64% to 31%.

#### **Changing Views of Fracking**

Since March, opposition to increased fracking has grown significantly across most regions and demographic groups. Overall, 44% now favor increased use of fracking while 49% are opposed. In March, support exceeded opposition by 10 points (48% to 38%).

Opinion about the increased use is now divided in the Midwest and South. In March, support exceeded opposition by 23 points in the Midwest and 18 points in the South. Opposition also has risen in the West, from 44% to 55%. In the Northeast, more continue to oppose (51%) than favor (42%) increased fracking.

While opposition among both men and women has increased since March, there continue to be wide gender differences over the increased use of fracking. About half of men (51%) favor more fracking compared with 38% of women.

Independents and Republicans are more likely

#### More Opposition to Increased Use of Fracking

|                               | March    | 2013 | Sept 2 | 2013 | Change in oppose |
|-------------------------------|----------|------|--------|------|------------------|
|                               | Fav      | Орр  | Fav    | Орр  |                  |
| Increased use of fracking     | %        | %    | %      | %    |                  |
| Total                         | 48       | 38   | 44     | 49   | +11              |
| Men                           | 55       | 34   | 51     | 44   | +10              |
| Women                         | 41       | 42   | 38     | 54   | +12              |
| 18-29                         | 49       | 41   | 40     | 54   | +13              |
| 30-49                         | 48       | 41   | 45     | 49   | +8               |
| 50-64                         | 49       | 36   | 46     | 49   | +13              |
| 65+                           | 44       | 34   | 44     | 45   | +11              |
| College grad+                 | 45       | 41   | 44     | 50   | +9               |
| Some college                  | 52       | 35   | 44     | 51   | +16              |
| HS or less                    | 47       | 38   | 44     | 48   | +10              |
| Northeast                     | 37       | 46   | 42     | 51   | +5               |
| Midwest                       | 55       | 32   | 47     | 48   | +16              |
| South                         | 52       | 34   | 47     | 46   | +12              |
| West                          | 43       | 44   | 38     | 55   | +11              |
| Republican                    | 66       | 24   | 58     | 36   | +12              |
| Cons Rep                      | 69       | 18   | 63     | 31   | +13              |
| Mod/Lib Rep                   | 61       | 35   | 48     | 47   | +12              |
| Independent                   | 51       | 36   | 45     | 49   | +13              |
| Democrat                      | 33       | 52   | 33     | 59   | +7               |
| Cons/Mod Dem                  | 36       | 47   | 37     | 55   | +8               |
| Liberal Dem                   | 25       | 64   | 27     | 65   | +1               |
| PEW RESEARCH CENTER Sept. 4-8 | 3, 2013. |      |        |      |                  |

to oppose fracking now than in March (by 13 points and 12 points, respectively). Democrats' views have shown less change, but a majority of Democrats continue to oppose increased use of the drilling method (59%).

Overall, people who are aware that U.S. energy production is growing – and that the increase is mostly coming from traditional energy sources (34% of the public) – have about the same views of fracking as do the majority of Americans who are not aware of this.

However, opinion is more divided along partisan lines among those who know that energy production is increasing from traditional sources. Fully 69% of Republicans and Republican leaners who know that the energy supply is increasing and that the growth is mostly from sources like oil, coal and natural gas favor increased use of fracking. Conversely, a nearly identical percentage of Democrats and Democratic leaners (68%) who are aware of trends in domestic energy production *oppose* increased use of fracking.

Opinion is less sharply divided among Republicans and Democrats who are unaware that the domestic energy supply is increasing, mostly as a result of more production among traditional sources.

#### Awareness of Growing U.S. Energy Output and Views of Fracking

Amount of domestic energy has increased? Mostly because of oil/coal/gas?

| View of<br>fracking | Yes<br>(correct) | No | Diff |
|---------------------|------------------|----|------|
| Total               | %                | %  |      |
| Favor               | 46               | 43 | +3   |
| Oppose              | 51               | 48 | +3   |
| Rep/Lean Rep        |                  |    |      |
| Favor               | 69               | 53 | +16  |
| Oppose              | 29               | 39 | -10  |
| Dem/Lean Dem        |                  |    |      |
| Favor               | 30               | 36 | -6   |
| Oppose              | 68               | 55 | +13  |

PEW RESEARCH CENTER Sept. 4-8, 2013. Figures read down; don't know responses not shown.

#### Support for Alternative Energy Research, More Offshore Drilling

By nearly three-to-one (73% to 25%), the public supports requiring better vehicle fuel efficiency. An identical percentage (73%) favors federal funding for alternative energy research, while two-thirds (67%) back more spending on mass transit.

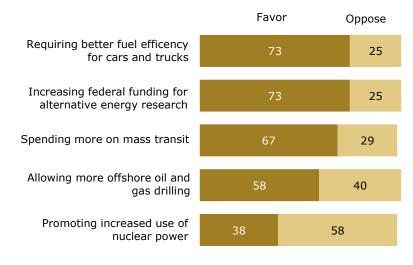
A majority (58%) also favors more offshore oil and gas drilling. That is lower than last year, when 65% supported more offshore oil and gas drilling. But it remains significantly higher

than it was in June 2010, following the oil spill in the Gulf of Mexico, when just 44% of people wanted to allow more drilling in U.S. waters

Nuclear power has lost support over the past year. Currently, 38% favor the increased use of nuclear power while 58% are opposed. In March 2012, opinion was more closely divided (44% favor, 49% oppose). As recently as February 2010, significantly more favored (52%) than opposed (41%) the increased use of nuclear power.

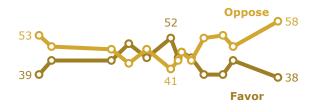
## Public Supports Better Fuel Efficiency, Offshore Drilling; Most Oppose More Nuclear Power

Government policies to address America's energy supply ...



PEW RESEARCH CENTER Sept. 4-8, 2013. Don't know responses not shown.

### Promoting the Increased Use of Nuclear Power



2005 2010 2013

PEW RESEARCH CENTER Sept. 4-8, 2013. Don't know responses not shown.

#### Sharp Partisan Divide over Energy Policies

There are substantial partisan differences in opinions about each of the energy policies on the poll – and in many cases those differences have widened over time.

As in previous Pew Research Center polls, one of the largest gaps between the parties is on the question of offshore drilling. Nearly eight inten Republicans (79%) – and 90% of Republicans and Republican leaners who agree with the Tea Party – support allowing more offshore oil and gas drilling, compared with 44% of Democrats.

Democrats are far more supportive than Republicans of stricter emission limits on power plants to address climate change; 74% of Democrats favor this compared with 67% of independents and 52% of Republicans. Still, even among Republicans there is more support than opposition to emission limits (52% favor, 43% oppose).

And when asked which should be the more important priority for addressing the nation's energy supply, large majorities of both Democrats (71%) and independents (60%) say it is more important to develop alternative sources, such as wind, solar and hydrogen technology. A smaller majority of Republicans

| Partican Canc ov   | or E     | norav | , Dal | icioc |
|--|----------|-------|-------|-------|
| Partisan Gaps ov   |          |       |       |       |
|  | Rep      | Dem   | Ind   | Diff  |
| % who favor  | %        | %     | %     |       |
| Keystone XL pipeline   | 82       | 51    | 64    | R+31  |
| Increased use of fracking  | 58       | 33    | 45    | R+25  |
| Stricter emission limits on power plants to address climate change | 52       | 74    | 67    | D+22  |
|  |          |       |       |       |
| Allow more oil and gas drilling in U.S. waters                     | 79       | 44    | 56    | R+35  |
| Promoting increased use of nuclear power                           | 49       | 29    | 39    | R+20  |
| Spending more on subway, rail and bus                              | 53       | 76    | 68    | D+23  |
| Requiring better fuel efficiency for cars, trucks                  | 60       | 84    | 74    | D+24  |
| More federal funding for research on wind, solar, hydrogen         | 58       | 84    | 75    | D+26  |
| More important priority for nation's energy supply                 |          |       |       |       |
| Developing alternative sources, such as wind, solar, hydrogen      |          |       |       |       |
| technology   | 37       | 71    | 60    | D+34  |
| Expanding exploration of oil, coal, natural gas                    | 53       | 22    | 31    | R+31  |
| PEW RESEARCH CENTER Sept   | . 4-8, 2 | 2013. |       |       |

(53%) say the priority should be expanding exploration of oil, coal and natural gas.

#### Partisan Differences Widen on Alternative Energy, Fuel Efficiency

Just a few years ago, there was broad agreement on some – though not all – energy policy objectives. In 2006, during George W. Bush's presidency, comparable majorities of independents (85%), Republicans (82%) and Democrats (77%) favored increasing federal funding for research on wind, solar and hydrogen technology.

The bipartisan consensus on alternative energy research and other policies – including better fuel efficiency standards – was noted in a February 2006 report, "Both Reds and Blues Go Green on Energy."

Since then, support for funding alternative technology research has fallen by 24 points among Republicans (to 58%) and 10 points among independents (75%), while increasing slightly among Democrats (84%). Much of the change in opinions among Republicans came after Barack Obama took office in 2009. In September 2008, 85% of Republicans and 77% of independents favor increased funding for alternative energy research; in May of 2010, 61% of Republicans and 73% of independents favored more funding for alternative energy research.

There has been a similar trend in opinions about requiring better fuel efficiency for cars, trucks and SUVs. Seven years ago, large majorities across all partisan groups (87% of independents, 86% of Democrats and 85% of Republicans) favored higher fuel efficiency standards. The percentage of Democrats

# Fewer Republicans Back More Alternative Energy Research...





#### And Better Vehicle Fuel Standards





favoring this has changed little over this period (currently 84% favor), while falling 25 points among Republicans and 13 points among independents.

On some energy policy-related issues, however, such as nuclear power and offshore drilling, partisan differences have remained fairly steady over the years. Currently, 49% of Republicans, 39% of independents and 29% of Democrats favor promoting the increased use of nuclear power. In 2006, 56% of Republicans, 38% of independents and 39% of Democrats supported more nuclear power.

<u>In September 2008</u>, 87% of Republicans, 67% of independents and 55% of Democrats favored more drilling in U.S. waters. Today, there is less support across all three groups, but the partisan gap is about as large as it was then (35 points now, 32 points in September 2008).

#### **About the Survey**

The analysis in this report is based on telephone interviews conducted September 4-8, 2013 among a national sample of 1,506 adults, 18 years of age or older, living in all 50 U.S. states and the District of Columbia (751 respondents were interviewed on a landline telephone, and 755 were interviewed on a cell phone, including 401 who had no landline telephone). The survey was conducted by interviewers at Princeton Data Source under the direction of Princeton Survey Research Associates International. A combination of landline and cell phone random digit dial samples were used; both samples were provided by Survey Sampling International. Interviews were conducted in English and Spanish. Respondents in the landline sample were selected by randomly asking for the youngest adult male or female who is now at home. Interviews in the cell sample were conducted with the person who answered the phone, if that person was an adult 18 years of age or older. For detailed information about our survey methodology, see <a href="http://people-press.org/methodology/">http://people-press.org/methodology/</a>.

The combined landline and cell phone sample are weighted using an iterative technique that matches gender, age, education, race, Hispanic origin and nativity and region to parameters from the 2011 Census Bureau's American Community Survey and population density to parameters from the Decennial Census. The sample also is weighted to match current patterns of telephone status and relative usage of landline and cell phones (for those with both), based on extrapolations from the 2012 National Health Interview Survey. The weighting procedure also accounts for the fact that respondents with both landline and cell phones have a greater probability of being included in the combined sample and adjusts for household size among respondents with a landline phone. Sampling errors and statistical tests of significance take into account the effect of weighting. The following table shows the unweighted sample sizes and the error attributable to sampling that would be expected at the 95% level of confidence for different groups in the survey:

| Group                 | Unweighted<br>sample size | Plus or minus          |
|-----------------------|---------------------------|------------------------|
| Total sample          | 1,506                     | 2.9 percentage points  |
| Republican            | 396                       | 5.7 percentage points  |
| Conservative          | 274                       | 6.9 percentage points  |
| Moderate/Liberal      | 116                       | 10.6 percentage points |
| Democrat              | 472                       | 5.3 percentage points  |
| Liberal               | 180                       | 8.5 percentage points  |
| Moderate/Conservative | 283                       | 6.8 percentage points  |
| Independent           | 569                       | 4.8 percentage points  |

Sample sizes and sampling errors for other subgroups are available upon request.

In addition to sampling error, one should bear in mind that question wording and practical difficulties in conducting surveys can introduce error or bias into the findings of opinion polls.

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### QUESTIONS 1, 3a-b PREVIOUSLY RELEASED NO QUESTION 2

#### **ASK ALL:**

Now, thinking about how Barack Obama is handling some issues...

Q.3 Do you approve or disapprove of the way Barack Obama is handling [INSERT ITEMS; RANDOMIZE; OBSERVE FORM SPLITS]. How about [NEXT ITEM]? [REPEAT INTRODUCTION AS NECESSARY]

|    |                    | <u>Approve</u> | <u>Disapprove</u> | (VOL.)<br>DK/Ref |
|----|--------------------|----------------|-------------------|------------------|
| c. | Energy policy      |                |                   |                  |
|    | Sep 4-8, 2013      | 44             | 38                | 18               |
|    | Mar 7-11, 2012     | 42             | 45                | 13               |
|    | Jan 11-16, 2012    | 36             | 46                | 18               |
|    | Nov 9-14, 2011     | 44             | 38                | 18               |
|    | Mar 30-Apr 3, 2011 | 40             | 44                | 16               |
|    | Jan 6-9, 2011      | 46             | 37                | 18               |
|    | Jun 16-20, 2010    | 45             | 40                | 15               |
|    | Apr 21-26, 2010    | 43             | 34                | 23               |
|    | Jan 6-10, 2010     | 45             | 35                | 20               |
|    | Oct 28-Nov 8, 2009 | 50             | 34                | 16               |
|    | Jul 22-26, 2009    | 46             | 31                | 22               |

NO QUESTIONS 3d-e, 3g-h, 9, 11-14 QUESTIONS 3f, 3i, 4-8, 10 PREVIOUSLY RELEASED

#### **ASK ALL:**

Q.15 Right now, which ONE of the following do you think should be the more important priority for addressing America's energy supply? **[READ AND RANDOMIZE]**?

|         |  | (U)         |             |             |              |
|---------|--|-------------|-------------|-------------|--------------|
| Sep 4-8 |  | Feb 13-18   | Oct 24-28   | Mar 7-11    | Feb 22-Mar 1 |
| 2013    |  | <u>2013</u> | <u>2012</u> | <u>2012</u> | <u>2011</u>  |
|         | Developing alternative sources,              |             |             |             |              |
| 58      | such as wind, solar and hydrogen technolog   | y 54        | 47          | 52          | 63           |
|         | Expanding exploration and production of oil, | •           |             |             |              |
| 34      | coal and natural gas                         | 34          | 39          | 39          | 29           |
| 6       | Both should be given equal priority (VOL.)   | 7           | 9           | 5           | 6            |
| 3       | Don't know/Refused (VOL.)                    | 4           | 5           | 4           | 2            |

#### **ASK ALL:**

Q.16 From what you've read and heard, has the amount of energy produced in the United States been increasing, decreasing, or staying about the same in recent years?

#### **ASK IF 'INCREASING' (Q.16=1) [N=736]:**

Q.16a And has this increased energy production come mostly from sources such as wind and solar, or mostly from sources such as oil, coal and natural gas?

| Sep 4-8 |   |
|---------|---|
| 2013    |   |
| 48      | Increasing  |
| 9       | Increases mostly from sources such as wind and solar            |
| 34      | Increases mostly from sources such as oil, coal and natural gas |
| 2       | Increases from both equally (VOL.)                              |
| 3       | Don't know/Refused (VOL.)                                       |
| 12      | Decreasing  |
| 31      | Staying about the same  |
| 10      | Don't know/Refused (VOL.)                                       |

### QUESTIONS 17a-d, 29a-b PREVIOUSLY RELEASED NO QUESTIONS 18-28

#### **ASK ALL:**

Q.29 Please tell me if you think the REPUBLICAN Party or the DEMOCRATIC Party could do the better job of [INSERT FIRST ITEM; RANDOMIZE]? How about [NEXT ITEM]? [IF NECESSARY: Which party could do the better job of ITEM?]

|    |                                       |                            |                            | (VOL.)       |                   |                  |
|----|---------------------------------------|----------------------------|----------------------------|--------------|-------------------|------------------|
|    |                                       | Republican<br><u>Party</u> | Democratic<br><u>Party</u> | Both equally | (VOL.)<br>Neither | (VOL.)<br>DK/Ref |
| c. | Dealing with the nation's energy situ | ıation                     |                            |              |                   |                  |
|    | Sep 4-8, 2013                         | 36                         | 40                         | 7            | 8                 | 8                |
|    | Dec 5-9, 2012 <sup>1</sup>            | 35                         | 47                         | 4            | 4                 | 11               |
|    | Mar 7-11, 2012                        | 35                         | 46                         | 2            | 6                 | 10               |
|    | Mar 30-Apr 3, 2011                    | 37                         | 42                         | 7            | 5                 | 9                |
|    | Oct 13-18, 2010                       | 28                         | 38                         | 8            | 11                | 15               |
|    | May 20-23, 2010                       | 28                         | 35                         | 10           | 12                | 15               |
|    | Apr 21-26, 2010                       | 32                         | 40                         | 8            | 9                 | 12               |
|    | Feb 3-9, 2010                         | 32                         | 44                         | 8            | 6                 | 10               |
|    | Aug 27-30, 2009                       | 25                         | 47                         | 7            | 9                 | 12               |
|    | February, 2008                        | 23                         | 57                         | 5            | 5                 | 10               |
|    | September, 2006                       | 27                         | 47                         | 4            | 7                 | 15               |
|    | February, 2006                        | 32                         | 45                         | 6            | 7                 | 10               |
|    | Mid-September, 2005                   | 31                         | 44                         | 6            | 8                 | 11               |
|    | May, 2001                             | 36                         | 34                         | 10           | 7                 | 13               |
|    | October, 2006                         | 28                         | 44                         | 5            | 6                 | 17               |
|    |                                       |                            |                            |              |                   |                  |

QUESTIONS 29d, 35-39, 41, 44, 45 PREVIOUSLY RELEASED NO QUESTIONS 30-34, 40, 42, 43, 46-54

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Question wording from October 2006 to December 2012 was "Dealing with the nation's energy problems."

#### **ASK ALL:**

Next, Q.55 As I read some possible government policies to address America's energy supply, tell me whether you would favor or oppose each. First, would you favor or oppose the government [INSERT ITEM; RANDOMIZE; OBSERVE FORM SPLITS]? Would you favor or oppose the government [INSERT **NEXT ITEM]**?

| 2      | Allowing more offshore oil and gas drilling in U.S. waters   | <u>Favor</u>   | <u>Oppose</u>  | (VOL.)<br>DK/Ref   |
|--------|--|--|--|--|
| a.     | Allowing more offshore oil and gas drilling in U.S. waters Sep 4-8, 2013 Mar 7-11, 2012 Nov 3-6, 2011 Mar 17-20, 2011 Oct 13-18, 2010 Jun 16-20, 2010 May 6-9, 2010 Feb 3-9, 2010 Apr 14-21, 2009 September, 2008  | 58<br>65<br>58<br>57<br>51<br>44<br>54<br>63<br>68<br>67                   | 40<br>31<br>35<br>37<br>41<br>52<br>38<br>31<br>27<br>28                   | 2<br>4<br>7<br>6<br>7<br>4<br>8<br>6<br>5<br>5             |
| b.     | Increasing federal funding for research on wind, solar and hydrogen technology  Sep 4-8, 2013  Mar 7-11, 2012  Nov 3-6, 2011  Mar 17-20, 2011  Oct 13-18, 2010  Jun 16-20, 2010  May 6-9, 2010  Feb 3-9, 2010  Apr 14-21, 2009  September, 2008  Late February, 2008  February, 2006 | 73<br>69<br>68<br>74<br>74<br>75<br>73<br>78<br>82<br>82<br>81<br>82       | 25<br>26<br>26<br>21<br>21<br>21<br>22<br>17<br>15<br>14<br>14             | 2<br>5<br>6<br>5<br>6<br>3<br>5<br>5<br>3<br>4<br>5        |
| C.     | Promoting the increased use of nuclear power  Sep 4-8, 2013  Mar 7-11, 2012  Nov 3-6, 2011  Mar 17-20, 2011  Oct 13-18, 2010  Jun 16-20, 2010  May 6-9, 2010  Feb 3-9, 2010  Apr 14-21, 2009  September, 2008  Late February, 2008  February, 2006  Mid-September, 2005              | 38<br>44<br>39<br>39<br>45<br>47<br>45<br>52<br>45<br>50<br>44<br>44<br>39 | 58<br>49<br>53<br>52<br>44<br>47<br>44<br>41<br>48<br>43<br>48<br>49<br>53 | 4<br>7<br>8<br>8<br>11<br>6<br>11<br>7<br>7<br>7<br>8<br>7 |
| NO ITE |  |  |  |  |
| e.F1   | Requiring better fuel efficiency for cars, trucks and SUVs Sep 4-8, 2013 Mar 7-11, 2012 Oct 13-18, 2010 September, 2008 February, 2008 February, 2006  | 73<br>78<br>79<br>88<br>90<br>86   | 25<br>19<br>17<br>10<br>8<br>12  | 3<br>3<br>4<br>2<br>2<br>2                                 |

#### Q.55 CONTINUED ...

| Mid-September, 2005                                | <u>Favor</u><br>86 | Oppose<br>12 | (VOL.)<br>DK/Ref<br>2 |
|--|--------------------|--------------|-----------------------|
| ASK FORM 2 ONLY [N=762]:                           |                    |              |                       |
| f.F2 Spending more on subway, rail and bus systems |                    |              |                       |
| Sep 4-8, 2013                                      | 67                 | 29           | 4                     |
| Mar 7-11, 2012                                     | 65                 | 31           | 4                     |
| Mar 17-20, 2011                                    | 61                 | 34           | 6                     |
| Oct 13-18, 2010                                    | 63                 | 29           | 8                     |
| Jun 16-20, 2010                                    | 64                 | 31           | 5                     |
| May 6-9, 2010                                      | 65                 | 28           | 7                     |
| Feb 3-9, 2010                                      | 70                 | 25           | 4                     |
| Apr 14-21, 2009                                    | 70                 | 25           | 5                     |
| Late-February, 2008                                | 72                 | 23           | 5                     |
| February, 2006                                     | 68                 | 26           | 6                     |
| Mid-September, 2005                                | 68                 | 27           | 5                     |

#### **ASK ALL:**

### Q.56 Do you favor or oppose [INSERT ITEM; RANDOMIZE ITEMS a AND b FIRST WITH ITEM c ALWAYS LAST]?

| a. | Increased use of fracking, a drilling method that uses   | <u>Favor</u> | <u>Oppose</u> | (VOL.)<br>DK/Ref |
|----|--|--------------|---------------|------------------|
|    | high-pressure water and chemicals to extract oil and natural gas from underground rock formations<br>Sep 4-8, 2013                   | 44           | 49            | 7                |
|    | Mar 13-17, 2013  | 48           | 38            | 14               |
| b. | Building the Keystone XL pipeline that would transport oil from Canada's oil sands region through the Midwest to refineries in Texas |              |               |                  |
|    | Sep 4-8, 2013<br>Mar 13-17, 2013   | 65<br>66     | 30<br>23      | 5<br>11          |
| c. | Setting stricter emission limits on power plants in order to   |              |               |                  |
|    | address climate change<br>Sep 4-8, 2013<br>Feb 13-18, 2013 (∪)   | 65<br>62     | 30<br>28      | 5<br>10          |

#### NO QUESTIONS 57-59, 62, 68, 70-77 QUESTIONS 60-61, 63-67, 69, 78-84 PREVIOUSLY RELEASED

#### ASK ALL REGISTERED VOTERS (REG=1) [N=1,201]:

Q.85 And how often would you say you vote in PRIMARY elections – that is, the elections in which a party selects their nominee to run in a general election. Would you say you vote in PRIMARY elections [READ IN ORDER]?

| Sep 4-8     |                           | July 17-21  |
|-------------|---------------------------|-------------|
| <u>2013</u> |                           | <u>2013</u> |
| 50          | Always                    | 46          |
| 24          | Nearly always             | 23          |
| 13          | Part of the time          | 13          |
| 11          | Seldom                    | 14          |
| 2           | Don't know/Refused (VOL.) | 4           |

**ASK ALL:** 

PARTY In politics TODAY, do you consider yourself a Republican, Democrat, or independent? **ASK IF INDEP/NO PREF/OTHER/DK/REF (PARTY=3,4,5,9):** 

PARTYLN As of today do you lean more to the Republican Party or more to the Democratic Party?

|                    |              |              |              | <b>(VOL.)</b><br>No | (VOL.)<br>Other | (VOL.)     | Lean         | Loan         |
|--------------------|--------------|--------------|--------------|---------------------|-----------------|------------|--------------|--------------|
|                    | Republican   | Democrat     | Independent  |                     |                 | DK/Ref     | Rep          | Lean<br>Dem  |
| Sep 4-8, 2013      | 26           | 32           | 38           | 3                   | 1               | 1          | 17           | 15           |
| Jul 17-21, 2013    | 19           | 29           | 46           | 3                   | *               | 2          | 19           | 18           |
| Jun 12-16, 2013    | 23           | 33           | 39           | 3                   | *               | 2          | 17           | 15           |
| May 1-5, 2013      | 25           | 32           | 37           | 2                   | 1               | 3          | 14           | 16           |
| Mar 13-17, 2013    | 26           | 33           | 34           | 3                   | 1               | 3          | 14           | 15           |
| Feb 13-18, 2013    | 22           | 32           | 41           | 2                   | *               | 2          | 15           | 19           |
| Jan 9-13, 2013     | 25           | 32           | 38           | 2                   | *               | 2          | 15           | 16           |
| Dec 17-19, 2012    | 21           | 32           | 38           | 4                   | *               | 4          | 15           | 14           |
| Dec 5-9, 2012      | 23           | 33           | 38           | 3                   | 1               | 2          | 14           | 19           |
| Oct 31-Nov 3, 2012 | 2 26         | 34           | 34           | 3                   | 1               | 3          | 13           | 16           |
| Oct 24-28, 2012    | 28           | 33           | 33           | 4                   | *               | 2          | 12           | 16           |
| Oct 4-7, 2012      | 27           | 31           | 36           | 3                   | 1               | 3          | 15           | 15           |
| Sep 12-16, 2012    | 24           | 35           | 36           | 2                   | *               | 2          | 14           | 16           |
| Yearly Totals      |              |              |              |                     |                 |            |              |              |
| 2012               | 24.7         | 32.6         | 36.4         | 3.1                 | .5              | 2.7        | 14.4         | 16.1         |
| 2011               | 24.3         | 32.3         | 37.4         | 3.1                 | .4              | 2.5        | 15.7         | 15.6         |
| 2010               | 25.2         | 32.7         | 35.2         | 3.6                 | .4              | 2.8        | 14.5         | 14.1         |
| 2009               | 23.9         | 34.4         | 35.1         | 3.4                 | .4              | 2.8        | 13.1         | 15.7         |
| 2008               | 25.7         | 36.0         | 31.5         | 3.6                 | .3              | 3.0        | 10.6         | 15.2         |
| 2007               | 25.3         | 32.9         | 34.1         | 4.3                 | .4              | 2.9        | 10.9         | 17.0         |
| 2006               | 27.8         | 33.1         | 30.9         | 4.4                 | .3              | 3.4        | 10.5         | 15.1         |
| 2005               | 29.3         | 32.8         | 30.2         | 4.5                 | .3              | 2.8        | 10.3         | 14.9         |
| 2004               | 30.0         | 33.5         | 29.5         | 3.8                 | .4              | 3.0        | 11.7         | 13.4         |
| 2003               | 30.3         | 31.5         | 30.5         | 4.8                 | .5              | 2.5        | 12.0         | 12.6         |
| 2002               | 30.4         | 31.4         | 29.8         | 5.0                 | .7              | 2.7        | 12.4         | 11.6         |
| 2001               | 29.0         | 33.2         | 29.5         | 5.2                 | .6              | 2.6        | 11.9         | 11.6         |
| 2001 Post-Sept 11  | 30.9         | 31.8         | <i>27.9</i>  | 5.2                 | .6              | 3.6        | 11.7         | 9.4          |
| 2001 Pre-Sept 11   | <i>27.3</i>  | 34.4         | 30.9         | 5.1                 | .6              | 1.7        | 12.1         | 13.5         |
| 2000               | 28.0         | 33.4         | 29.1         | 5.5<br>3.9          | .5<br>.5        | 3.6        | 11.6         | 11.7         |
| 1999               | 26.6<br>27.9 | 33.5         | 33.7         | 3.9<br>4.6          |                 | 1.9        | 13.0         | 14.5         |
| 1998<br>1997       | 27.9         | 33.7<br>33.4 | 31.1<br>32.0 | 4.0<br>4.0          | .4<br>.4        | 2.3<br>2.3 | 11.6<br>12.2 | 13.1<br>14.1 |
| 1996               | 28.9         | 33.4         | 31.8         | 3.0                 | .4<br>.4        | 2.3        | 12.2         | 14.1         |
| 1995               | 31.6         | 30.0         | 33.7         | 2.4                 | .4<br>.6        | 1.3        | 15.1         | 13.5         |
| 1994               | 30.1         | 31.5         | 33.5         | 1.3                 |                 | 3.6        | 13.7         | 12.2         |
| 1993               | 27.4         | 33.6         | 34.2         | 4.4                 | 1.5             | 2.9        | 11.5         | 14.9         |
| 1992               | 27.4         | 33.7         | 34.7         | 1.5                 | 0               | 2.5        | 12.6         | 16.5         |
| 1991               | 30.9         | 31.4         | 33.2         | 0                   | 1.4             | 3.0        | 14.7         | 10.8         |
| 1990               | 30.9         | 33.2         | 29.3         | 1.2                 | 1.9             | 3.4        | 12.4         | 11.3         |
| 1989               | 33           | 33.2         | 34           |                     |                 | J. T       |              |              |
| 1987               | 26           | 35           | 39           |                     |                 |            |              |              |
|                    | _0           | 33           | 3,3          |                     |                 |            |              |              |

#### ASK REPUBLICANS AND REPUBLICAN LEANERS ONLY (PARTY=1 OR PARTYLN=1):

TEAPARTY3 From what you know, do you agree or disagree with the Tea Party movement, or don't you have an opinion either way?

#### **BASED ON REPUBLICANS AND REPUBLICAN LEANERS [N=657]:**

|                 |              |                 |            | (VOL.)   |         | Not       |
|-----------------|--------------|-----------------|------------|----------|---------|-----------|
|                 |              |                 | No opinion | Haven't  | (VOL.)  | heard of/ |
|                 | <u>Agree</u> | <u>Disagree</u> | either way | heard of | Refused | <u>DK</u> |
| Sep 4-8, 2013   | 35           | 9               | 54         | 1        | 1       |           |
| Jul 17-21, 2013 | 37           | 10              | 50         | 2        | 1       |           |
| Jun 12-16, 2013 | 44           | 9               | 46         | 1        | 2       |           |

#### **TEAPARTY3 CONTINUED...**

|                                 |              |                 | No opinion | (VOL.)<br>Haven't | (VOL.)  | Not<br>heard of/ |
|---------------------------------|--------------|-----------------|------------|-------------------|---------|------------------|
|                                 | <u>Agree</u> | <u>Disagree</u> | either way | <u>heard of</u>   | Refused | <u>DK</u>        |
| May 23-26, 2013                 | 41           | 7               | 48         | 1                 | 3       |                  |
| May 1-5, 2013                   | 28           | 8               | 61         | 2                 | 1       |                  |
| Mar 13-17, 2013                 | 43           | 7               | 47         | 1                 | 1       |                  |
| Feb 13-18, 2013                 | 36           | 9               | 52         | 1                 | 3       |                  |
| Feb 14-17, 2013                 | 43           | 9               | 45         | 1                 | 2       |                  |
| Jan 9-13, 2013                  | 35           | 10              | 51         | 2                 | 2       |                  |
| Dec 5-9, 2012                   | 37           | 11              | 51         | 1                 | *       |                  |
| Oct 31-Nov 3, 2012 (RVs)        | 40           | 8               | 49         | 1                 | 2       |                  |
| Oct 4-7, 2012                   | 38           | 9               | 50         | 1                 | 3       |                  |
| Sep 12-16, 2013                 | 39           | 7               | 52         | 1                 | 1       |                  |
| Jun 28-Jul 9, 2012              | 40           | 9               | 47         | 2                 | 1       |                  |
| Jun 7-17, 2012                  | 42           | 8               | 48         | 1                 | 1       |                  |
| May 9-Jun 3, 2012               | 36           | 9               | 53         | 1                 | 2       |                  |
| Apr 4-15, 2012                  | 42           | 8               | 48         | 1                 | 1       |                  |
| Mar 7-11, 2012                  | 38           | 10              | 49         | 2                 | 1       |                  |
| Feb 8-12, 2012                  | 40           | 7               | 51         | 1                 | 1       |                  |
| Jan 11-16, 2012                 | 42           | 8               | 47         | 1                 | 1       |                  |
| Jan 4-8, 2012                   | 37           | 8               | 52         | 1                 | 1       |                  |
| Dec 7-11, 2011                  | 40           | 9               | 48         | 2                 | 1       |                  |
| Nov 9-14, 2011                  | 41           | 9               | 49         | *                 | 1       |                  |
| Sep 22-Oct 4, 2011              | 37           | 11              | 51         | 1                 | 1       |                  |
| Aug 17-21, 2011                 | 43           | 7               | 49         | *                 | 1       |                  |
| Jul 20-24, 2011                 | 40           | 7               | 51         | *                 | 1       |                  |
| Jun 15-19, 2011                 | 42           | 9               | 47         | 1                 | 1       |                  |
| May 25-30, 2011                 | 37           | 7               | 52         | 1                 | 3       |                  |
| Mar 30-Apr 3, 2011              | 45           | 9               | 46         | *                 | 1       |                  |
| Mar 8-14, 2011                  | 37           | 7               | 54         | 1                 | *       |                  |
| Feb 22-Mar 1, 2011              | 41           | 9               | 48         | 1                 | 1       |                  |
| Feb 2-7, 2011 <sup>2</sup>      | 43           | 8               | 47         | 1                 | 1       |                  |
| Jan 5-9, 2011                   | 45           | 6               | 47         | 1                 | 1       |                  |
| Dec 1-5, 2010                   | 48           | 5               | 45         | 1                 | 1       |                  |
| Nov 4-7, 2010                   | 51           | 5               | 42         | 1                 | 1       |                  |
| Oct 27-30, 2010 (RVs)           | 58           | 5               | 27         |                   | 1       | 9                |
| Oct 13-18, 2010 (RVs)           | 54           | 5               | 30         |                   | 1       | 10               |
| Aug 25-Sep 6, 2010 <i>(RVs)</i> | 56           | 6               | 29         |                   | *       | 9                |
| Jul 21-Aug 5, 2010              | 46           | 5               | 36         |                   | 1       | 13               |
| Jun 16-20, 2010                 | 46           | 5               | 30         |                   | *       | 19               |
| May 20-23, 2010                 | 53           | 4               | 25         |                   | 1       | 16               |
| Mar 11-21, 2010                 | 48           | 4               | 26         |                   | 1       | 21               |

2

In the February 2-7, 2011, survey and before, question read "...do you strongly agree, agree, disagree or strongly disagree with the Tea Party movement..." In October 2010 and earlier, question was asked only of those who had heard or read a lot or a little about the Tea Party. In May 2010 through October 2010, it was described as: "the Tea Party movement that has been involved in campaigns and protests in the U.S. over the past year." In March 2010 it was described as "the Tea Party protests that have taken place in the U.S. over the past year."