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Americans on Energy and Climate Change Questionnaire

Dates of Survey: August 9-20, 2008
Sample Size: 1174

Margin of Error: +/- 2.9-3.4 %

[3/4 SAMPLE]

Q19a. As you may know, the US and other countries from around the world will be meeting next year to develop a new treaty to address climate change by reducing greenhouse gas emissions such as those caused by using oil and coal. Do you think the US should or should not be willing to commit to reduce its greenhouse gas emissions as part of such a treaty?

| | |
|--------------------------|-----|
| Should | 78% |
| McCain supporters | 63 |
| Obama supporters | 94 |
| Undecided | 75 |
| Should not | 19 |
| McCain supporters | 34 |
| Obama supporters | 5 |
| Undecided | 17 |
| Refused/Don't know | 3 |

[3/4 SAMPLE]

Q19b. There is a controversy over whether the less-developed countries should also be expected to limit or reduce their greenhouse gas emissions. Please tell me which of the following positions comes closest to yours.

| | |
|--|-----|
| A. The more-developed countries produce far more greenhouse gas emissions and have not begun to make meaningful reductions. So the less-developed countries should NOT be required to limit their emissions UNTIL the more-developed countries reduce theirs | 20% |
| McCain supporters | 20 |
| Obama supporters | 25 |
| Undecided | 10 |
| B. The less-developed countries produce a substantial and growing amount of greenhouse gas emissions. Therefore they should be required to CUT their emissions..... | 26 |
| McCain supporters | 34 |
| Obama supporters | 19 |

Undecided25

C. Because the less-developed countries are poorer and produce far lower emissions, they should not be required to cut back. But they should be required to MINIMIZE the increase of their emissions through greater energy efficiency45

 McCain supporters42

 Obama supporters49

 Undecided45

Refused/Don't know9

Q19c. Some of the major less-developed countries say they will not limit their emissions until their economies are more developed and the developed countries first reduce their greenhouse gas emissions. Do you think the US should:

Accept their position, and proceed to reduce US emissions together with other developed countries 40%

 McCain supporters34

 Obama supporters46

 Undecided38

Pressure the less-developed countries to limit their emissions, but proceed to reduce US emissions together with other developed countries45

 McCain supporters51

 Obama supporters44

 Undecided35

Refuse to reduce US emissions if less-developed countries do not agree to limit their emissions.8

 McCain supporters10

 Obama supporters4

 Undecided11

Refused/Don't know7

[3/4 SAMPLE]

Q24-E1. I would like you to consider different ways to deal with the problem of energy. For each one please tell me if you think our country should emphasize it more, less, or the same as now.

Q24a-E1a. Installing solar or wind energy systems

| | |
|--------------------------|-----|
| Emphasize more..... | 87% |
| McCain supporters | 86 |
| Obama supporters | 89 |
| Undecided | 83 |
| Emphasize less | 5 |
| McCain supporters | 4 |
| Obama supporters | 6 |
| Undecided | 3 |
| Same as now | 6 |
| McCain supporters | 8 |
| Obama supporters | 3 |
| Undecided | 10 |
| Refused/Don't know | 3 |

Q24b-E1b. Modifying buildings to make them more energy efficient

| | |
|--------------------------|-----|
| Emphasize more..... | 83% |
| McCain supporters | 80 |
| Obama supporters | 89 |
| Undecided | 77 |
| Emphasize less | 4 |
| McCain supporters | 3 |
| Obama supporters | 4 |
| Undecided | 7 |
| Same as now | 11 |
| McCain supporters | 15 |
| Obama supporters | 5 |
| Undecided | 14 |
| Refused/Don't know | 2 |

Q24c-E1c. Building coal or oil-fired power plants

| | |
|-------------------------|-----|
| Emphasize more..... | 25% |
| McCain supporters | 34 |
| Obama supporters | 19 |
| Undecided | 21 |
| Emphasize less | 49 |

| | |
|--------------------------|----|
| McCain supporters | 41 |
| Obama supporters | 57 |
| Undecided | 46 |
| Same as now | 22 |
| McCain supporters | 22 |
| Obama supporters | 18 |
| Undecided | 29 |
| Refused/Don't know | 4 |

Q24d-E1d. Building nuclear energy power plants

| | |
|--------------------------|-----|
| Emphasize more | 42% |
| McCain supporters | 54 |
| Obama supporters | 33 |
| Undecided | 33 |
| Emphasize less | 31 |
| McCain supporters | 21 |
| Obama supporters | 41 |
| Undecided | 29 |
| Same as now | 24 |
| McCain supporters | 22 |
| Obama supporters | 22 |
| Undecided | 35 |
| Refused/Don't know | 3 |

[3/4 SAMPLE]

Q25-E2. Do you favor or oppose the government doing each of the following:

Q25a-E2a. Requiring utilities to use more alternative energy, such as wind and solar, even if this increases the cost of energy in the short run

| | |
|-------------------------|-----|
| Favor | 66% |
| McCain supporters | 60 |
| Obama supporters | 75 |
| Undecided | 59 |
| Oppose | 28 |
| McCain supporters | 36 |
| Obama supporters | 19 |
| Undecided | 28 |

Refused/Don't know6

Q25b-E2c. Requiring businesses to use energy more efficiently, even if this might make some products more expensive

Favor 61%
 McCain supporters55
 Obama supporters71
 Undecided51

Oppose34
 McCain supporters42
 Obama supporters24
 Undecided36

Refused/Don't know5

Q25c-E2c. Having an extra charge for the purchase of models of appliances and cars that are NOT energy efficient

Favor 43%
 McCain supporters39
 Obama supporters52
 Undecided31

Oppose52
 McCain supporters58
 Obama supporters44
 Undecided57

Refused/Don't know5

[3/4 SAMPLE]

Q26-E3. As you may know, there is some controversy about the possibility of making a major shift to alternative energy sources, such as wind and solar. Which view is closer to yours?

This would cost so much money that it would hurt the economy 18%
 McCain supporters25
 Obama supporters14
 Undecided15

With the rising cost of energy, it would save money in the long run79
 McCain supporters73

Obama supporters83
Undecided82
Refused/Don't know3

DEMOGRAPHIC DATA:

[FULL SAMPLE]

Q5a. If the upcoming election for president were held today, for whom would you vote:

| | |
|--------------------------|-----|
| John McCain | 45% |
| Barack Obama..... | 44 |
| Refused/Don't know | 10 |

D1. Age

| | |
|-------------|-----|
| 18-29 | 22% |
| 30-39 | 16 |
| 40-49 | 19 |
| 50-59 | 20 |
| 60+ | 23 |

D2. Education level (categorical)

| | |
|-----------------------------------|-----|
| Less than High School | 11% |
| High School Graduate..... | 32 |
| Some College | 26 |
| Bachelor's degree or higher | 32 |

D3. What is your religious preference? Do you consider yourself:

| | |
|---------------------------------------|-----|
| Christian..... | 78% |
| Jewish..... | 2 |
| Muslim | * |
| Buddhist..... | * |
| Hindu | 1 |
| Some other religion..... | 6 |
| No religious preference/atheist | 12 |
| Refused/Don't know | 2 |

[IF "CHRISTIAN" at D2]

D3a. Would you describe yourself as a 'born- again' or evangelical?

| | |
|--------------------------|-------|
| Yes | 26% * |
| No..... | 38 |
| No opinion | 14 |
| Refused/Don't know | * |

* Percent of total.

D7. Generally speaking, do you think of yourself as a:

| | |
|-----------------------|-----|
| Republican | 28% |
| Lean Republican | 9 |
| Neither | 20 |
| Lean Democrat..... | 10 |
| Democrat..... | 33 |

Gender

| | |
|-------------|-----|
| Male | 48% |
| Female..... | 52 |

Race/Ethnicity

| | |
|------------------------------|-----|
| White, Non-Hispanic | 69% |
| Black, Non-Hispanic..... | 11 |
| Other, Non-Hispanic..... | 5 |
| Hispanic | 13 |
| 2+ Races, Non-Hispanic | 1 |

Region

| | |
|----------------|-----|
| Northeast..... | 19% |
| Midwest..... | 22 |
| South | 37 |
| West | 23 |

METHODOLOGY

The US poll was fielded by Knowledge Networks, a polling, social science, and market research firm in Menlo Park, California, with a stratified random sample of its large-scale nationwide research panel. This panel itself has been randomly recruited from the national population of households having telephones; households without internet access are subsequently provided with free web access and an internet appliance. Thus the panel is not limited to those who already have home internet access. The distribution of the sample in the Web-enabled panel closely tracks the distribution of United States Census counts for the US population on age, race, Hispanic ethnicity, geographical region, employment status, income, education, etc. Upon survey completion, the data were weighted by gender, age, education, and ethnicity. For more information about the methodology, please go to: www.knowledgenetworks.com/ganp.