GENERAL POPULATION SURVEY (GPS) FINAL (6-12-14) – WITH VARIABLE NAMES

OWN Do you own or rent the home you live in now? Own (1) Rent (2) Other (3)
If Rent Is Selected, Then Skip To Thank you for your time. UnfortunatelIf Other Is Selected, Then Skip To Thank you for your time. Unfortunatel
HOME What type of home do you live in? Single-family detached house (1) Single-family attached house (e.g. duplex, townhouse) (2) Apartment/Condo in a house or a building with 2-4 units (3) Apartment/Condo in a building with 5 or more units (4) Mobile home (5) Other (6)
If Apartment/Condo in a house Is Selected, Then Skip To Thank you for your time. UnfortunatelIf Apartment/Condo in a buildi Is Selected, Then Skip To Thank you for your time. UnfortunatelIf Mobile home Is Selected, Then Skip To Thank you for your time. UnfortunatelIf Other Is Selected, Then Skip To Thank you for your time. Unfortunatel
F5 Do you already have solar panels on your home? O Yes (1) O No (2)
If Yes Is Selected, Then Skip To Thank you for your time. Unfortunatel
STATE Which state do you live in? O Arizona (3) O California (4) O New Jersey (1) O New York (state) (2) O Another state (please specify): (5)
If Another state (please speci Is Not Empty, Then Skip To Thank you for your time. Unfortunatel
Answer If Do you own or rent the home you live in now? Rent Is Selected Or Do you own or rent the home you live in now? Other Is Selected Or What type of home do you live in? Apartment/Condo in a house or a building

Answer If Do you own or rent the home you live in now? Rent Is Selected Or Do you own or rent the home you live in now? Other Is Selected Or What type of home do you live in? Apartment/Condo in a house or a building with 2-4 units Is Selected Or What type of home do you live in? Apartment/Condo in a building with 5 or more units Is Selected Or What type of home do you live in? Mobile home Is Selected Or What type of home do you live in? Other Is Selected Or Do you already have solar panels on your home? Yes Is Selected Or Which state do you live in? Another state (please specify): Is Selected

INT1 Thank you for your time. Unfortunately, you are not qualified to continue the survey. Please click the "submit" button below. Thank you!

If Thank you for your time. Un... Is Displayed, Then Skip To End of Block

AGE What is your age?

Years: (1)

EDUC What is the highest level of education you have completed?

- O Less than High School (1)
- O High School / GED (2)
- O Some College (1-4 years, no degree) (3)
- Associate's degree (including occupational or academic degrees) (4)
- O Bachelor's degree (BA, BS, AB, etc) (5)
- O Master's Degree (MA, MS, MENG, MSW, etc) (6)
- O Professional Degree (MD, DDC, JD, etc) (7)
- O Doctoral Degree (PhD, EdD, etc) (8)

INTRO This survey is about your opinions on solar panels for homes. Solar panels use energy from the sun to allow households to generate their own electricity. The survey also asks about your opinions on the environment and energy use.

GROUP1 Please tell us about your familiarity with solar panels. Which of the following statements are true for you?

ior you.	I	l
	Yes (1)	No (0)
(F1) I have personally seen solar panels installed on someone's home. (1)	O	O
(F2) I have thought about getting solar panels for my home. (2)	O	O
(TRIG1) A friend or neighbor has recently installed solar panels. (3)	0	0
(TRIG3) In the last six months, I have seen or heard advertisements from companies that install solar panels. (4)	0	0
(TRIG2) My family has recently received advertising or a call from a company that installs solar panels. (5)	0	0
(TRIG4) In the last six months, I have seen political advertisements about solar policies. (6)	0	0
(N1) I know more than one person with solar panels on their home. (7)	O	O
(N2) Several people in my neighborhood have installed solar panels. (8)	0	0
(N3) I have talked about solar panels with someone who has already installed them on their home. (9)	0	0
(F3) I've heard that it's possible to lease solar panels instead of buying them. (10)	O	0
(F4) I have already spoken with a solar company about possibly installing solar panels on my home. (11)	0	0

GROUP2 Please tell us a little about how you make purchasing decisions. To what extent do the following statements describe you?

	Not at all Like Me (1)	Not much Like Me (2)	Somew hatLike Me (3)	Quite a lotLike Me (4)	JustLi ke Me (5)
(CIJM1) Before buying a new brand, I usually ask someone who has experience with the brand for advice. (1)	0	•	0	0	0

(CIJM2) Before I buy a new product or service, I often ask acquaintances about their experiences with that product or service. (2)	0	•	0	•	O
(CIJM3) When considering a new product/service, I usually trust the opinions of friends who have used the product/service. (3)	0	•	0	•	0
(CNS1) I continuously look for new products and brands. (4)	O	O	O	O	0
(CNS2) I continuously look for new experiences from new products. (5)	0	0	0	0	0
(CNS4) I like to visit places where I'm exposed to information about new products and brands. (6)	O	0	O	0	0

GROUP3 We would like to know about what is important to you. Please rate how important each of these is as a guiding principle in YOUR life. For each principle, you may indicate that it is "Opposed to My Values".

	Not at allImport ant (1)	Slightlyl mportan t (2)	Somewha tImportant (3)	VeryIm portant (4)	Extreme lyImport ant (5)	OPPOSE D TO MY VALUES (0)
(VB1) Protecting the environment, preserving nature (1)	•	0	0	O	O	O
(VB2) Respecting the earth, harmony with other species (2)	0	0	0	0	O	O
(VB3) Unity with nature, fitting into nature (3)	0	0	0	O	0	0
(VA1) A world at peace, free of war and conflict (4)	0	0	0	0	0	0
(VA2) Social justice, correcting injustice, care for the weak (5)	0	0	0	0	0	0
(VA3) Equality, equal opportunity for all (6)	0	0	0	0	0	0
(VT1) Honoring parents and elders, showing respect (7)	O	O	O	O	O	0
(VT2) Family security, safety for loved ones (8)	O	0	0	0	0	0
(VT3) Self-discipline, self-restraint, resistance to temptation (9)	0	0	0	0	0	0
(VE1) Authority, the right to lead or command (10)	0	0	0	O	0	0
(VE2) Influential, having an impact on people and events (11)	0	0	0	0	0	0
(VE4) Wealth, material possessions, money (12)	0	0	0	0	0	0
(VO1) A varied life, filled with challenge, novelty, and change (13)	0	0	0	0	0	0
(VO2) An exciting life, stimulating experiences (14)	0	0	0	0	0	O

	Not at allImport ant (1)	Slightlyl mportan t (2)	Somewha tImportant (3)	VeryIm portant (4)	Extreme lyImport ant (5)	OPPOSE D TO MY VALUES (0)
(VO3) Curious, interested in everything, exploring (15)	0	0	0	•	•	O

GROUP5 We would like to know about your thoughts on environmental and energy issues. To what extent do you agree or disagree with the following statements?

do you agree or albagree with the following of	StronglyDi sagree (1)	Disagr ee (2)	Neutral (3)	Agree (4)	Strongly Agree (5)	Don' t Know (99)
(PN1) I feel a personal obligation to do my part to move the country to a renewable energy future. (1)	•	O	O	O	0	•
(PN2) I feel a personal obligation to do my part to prevent climate change. (2)	0	O	0	O	•	O
(PN3) I feel guilty when I waste energy. (3)	0	O	O	O	O	O
(E2) Climate change is a serious problem for society. (4)	0	•	0	O	0	O
(BTE7) Using solar could protect my family from electricity blackouts. (5)	0	•	0	O	0	O
(BB1) If more households get solar panels, environmental quality will improve. (6)	•	0	0	•	0	•
(BB2) Solar panels help slow down climate change. (7)	0	•	0	•	O	O
(BB3) Having solar panels would be a good way to reduce my environmental impact. (8)	0	0	0	•	0	•
(BTE8) Using solar will help protect my family from rising electricity prices in the future. (9)	•	0	0	•	0	•
(BE13) Installing solar provides a great return on a family's investment. (10)	O	0	0	•	0	O
(BE10) Using solar would save me money. (11)	O	•	0	•	0	O
(Co3) Having solar panels on my home would help meet my family's needs. (12)	0	•	0	•	0	0
(BE11) Solar panels would increase my property value. (13)	0	O	0	•	O	O
(M3) Installing solar panels could damage my home. (14)	0	•	•	•	0	0
(BO15) I would worry about having solar panels because it would be an unfamiliar experience. (15)	0	0	0	•	0	0

	StronglyDi sagree (1)	Disagr ee (2)	Neutral (3)	Agree (4)	Strongly Agree (5)	Don' t Know (99)
(BTE9) Installing solar panels is a risky thing for a household to do. (16)	0	•	0	•	0	0

GROUP6 To what extent do you agree or disagree with the following statements?

ONCOT O TO What extent do you agree of disagree with	ar the following statements:					
	Strongl yDisagr ee (1)	Disag ree (2)	Neutral (3)	Agre e (4)	Strongl yAgree (5)	Don't Know (99)
(PBC7) I may not be in my home long enough to get the benefits of investing in solar. (1)	0	O	0	O	0	O
(PBC9) The process of getting solar installed is a hassle. (2)	0	O	0	O	0	O
(M2) Maintaining solar panels is expensive. (3)	O	0	0	O	O	O
(PBC3) Solar panels are still very expensive, even with government incentives. (4)	0	O	0	O	0	O
(M4) The prices of solar power keep going down, so it is wise to wait before deciding whether to install it. (5)	•	0	•	0	0	O
(PBC5) I can't afford solar on my family budget. (6)	0	0	•	0	0	0
(M1) Solar panel technology will only get better, so it doesn't make sense to get them now. (7)	0	O	0	O	0	0
(Tru5) If a solar company tells me how much I would save on my electric bills by installing solar, I would want a second opinion. (8)	O	0	0	0	0	0
(Tr1) Before contacting a solar company, I would like to see solar panels up close on someone else's house. (9)	0	0	0	0	0	0
(Tr2) Before considering solar panels, I would want to talk to someone who has solar panels on their home. (10)	0	O	0	0	0	O
(Tr3) I would be more interested in solar if there were some way for me to try it out before installing it. (11)	•	0	•	0	0	O
(Attn_Chk) This is an attention filter. Please select 'Strongly Disagree' for this statement. (12)	0	O	0	O	0	0
(Dep1) Solar panels nowadays have become very dependable. (13)	0	O	0	O	0	O
(Dep2) I question whether solar panels actually work as well as promised. (14)	0	O	O	O	O	O
(Dep3) I question whether solar panels will last long enough to pay for themselves. (15)	0	O	O	O	O	O

GROUP7 To what extent do you agree or disagree with the following statements?

		StronglyAgr ee (5)	Don't Know (99)

	StronglyDi sagree (1)	Disagr ee (2)	Neutr al (3)	Agre e (4)	StronglyAgr ee (5)	Don't Know (99)
(M6) It's too cloudy where I live for solar panels to be effective. (1)	0	0	0	O	•	0
(Suit1) At my home, there's no place to put solar panels that would get enough sunlight. (2)	0	•	•	0	0	O
(Suit2) It's not sunny enough in my area for solar panels to work well. (3)	O	O	O	O	•	O
(O3) I would feel embarrassed to have solar panels on my roof where others can see them. (4)	•	•	0	0	0	O
(SN1) People who are important to me would be in favor of installing solar panels. (5)	•	•	•	O	0	O
(SN4) My family members would be opposed to getting solar panels. (6)	O	O	O	O	•	O
(SN5) Most people who are important to me would support me if I decided to go solar. (7)	•	0	0	0	0	O
(DV1) If my neighbors installed solar I would be interested in learning about the costs and savings of their system. (8)	0	•	•	0	0	0
(DV2) If a friend installed solar I would be interested in learning about the costs and savings of their system. (9)	•	0	0	O	0	O
(DV3) If a company that sells or installs solar panels were talking to people in my neighborhood, I would be interested in talking with a representative. (10)	O	0	•	•	•	•
(DV4) If I could get a no-cost assessment of what solar panels could do for my home, I would do it. (11)	0	•	0	0	0	0
(DV7) I plan to contact a solar installation company within the next 6 months to discuss installing solar at my home. (12)	0	0	0	O	0	O

INTEREST How interested would you be in learning about the following topics? (Please note: No one will contact you about these topics)

	Not at allIntereste d (1)	SlightlyInterest ed (2)	SomewhatInterest ed (3)	FairlyInterest ed (4)	VeryInterest ed (5)
(INT_Q1) How solar panel systems work. (1)	•	•	•	0	O
(INT_Q2) How to find reputable solar installers in my area. (2)	0	0	0	0	•
(INT_Q3) How common	0	O	0	O	0

solar is in my community. (3)					
(INT_Q4) What the options are for leasing solar. (4)	0	0	O	0	0
(INT_Q5) How solar can save me money. (5)	•	0	0	0	0
(INT_Q6) The environmental benefits of solar. (6)	0	0	O	0	0
(INT_Q7) How well solar would work on my house. (7)	0	0	O	0	0

GROUP8 To what extent would you trust each of the groups and organizations listed below to provide accurate information about residential solar energy?

	Do Not Trust At All (1)	Trusta Little (2)	TrustSomewhat (3)	Trust Quitea Bit (4)	TrustCompletely (5)
(TR_GOV) Government agency website (e.g., Department of Energy) (1)	0	O	0	•	•
(TR_COMP) Companies that provide or install solar panels (2)	0	O	0	•	•
(TR_TRADE)Solar industry trade organizations (3)	0	O	0	•	0
(TR_UTIL) Electric and gas utilities (4)	0	0	O	•	0
(TR_ONLINE) Online reviews from other people who have installed solar (5)	0	•	•	•	0
(TR_FRFAM) Friends or family (6)	0	O	O	•	O
(TR_NEIGHB) Neighbors (7)	0	•	•	•	0
(TR_ENVORG) Environmental organizations (8)	0	O	0	•	0
(TR_UNIV) University researchers (9)	0	O	0	O	O

GROUP9 If you were considering installing solar on your home, how likely would you be to do the following?

	Not at all Likely (1)	Slightly Likely (2)	Somewha tLikely (3)	Likely (4)	Extreme lyLikely (5)
(INV_NEIGHB) Talk to a neighbor or friend who has solar. (1)	0	O	0	0	O
(INV_PARTY) Attend an informational solar "party" at a neighbor's house to learn more. (2)	O	0	0	O	0
(INV_ONLINECUST) Read online customer	O	O	0	0	O

testimonials from people who have installed solar. (3)					
(INV_ONLINEVIDEO) Watch online video testimonials from people who have installed solar. (4)	0	0	•	0	O
(INV_REVIEWS) Search for online reviews of solar installers on a website like Yelp or Angie's List. (5)	•	0	0	0	0
(INV_FACEBK) Visit a Facebook page where solar users answer questions for prospective customers. (6)	0	0	•	0	O
(INV_GOVTWEB) Visit a government-sponsored website where solar users answer questions for prospective customers. (7)	0	0	•	0	O

ENERGY Please tell us about your household energy costs.

BUNDLE Is your electricity bill bundled with other utilities such as natural gas?

- **O** Yes (1)
- O No (2)

Answer If Is your electricity bill bundled with other utilities such as natural gas? Yes Is Selected WINTER1 Thinking about just the electricity portion of your bill, about how much do you spend on electricity in a typical winter month?

- O less than \$25 per month (1)
- \$25 49 per month (2)
- **3** \$50 74 per month (3)
- **3** \$75 99 per month (4)
- \$100 149 per month (5)
- **3** \$150 199 per month (6)
- \$200 249 per month (7)
- **3** \$250 299 per month (8)
- **3** \$300 349 per month (9)
- **350 399 per month (11)**
- over \$400 per month (12)
- O I don't know (10)

Answer If Is your electricity bill bundled with other utilities such as natural gas? Yes Is Selected SUMMER1 Again, thinking about just the electricity portion of your bill, about how much do you spend on electricity in a typical summer month?

- O less than \$25 per month (1)
- **3** \$25 49 per month (2)
- **O** \$50 74 per month (3)
- \$75 99 per month (4)
- \$100 149 per month (5)
- **3** \$150 199 per month (6)
- \$200 249 per month (7)
- **3** \$250 299 per month (8)
- **3** \$300 349 per month (9)

	\$350 - 399 per month (10)
	over \$400 per month (11) I don't know (12)
•	T doint know (12)
An	swer If Is your electricity bill bundled with other utilities such as natural gas? No Is Selected
	NTER2 About how much do you spend on electricity in a typical winter month?
O	less than \$25 per month (1)
O	\$25 - 49 per month (2)
O	\$50 - 74 per month (3)
O	\$75 - 99 per month (4)
O	\$100 - 149 per month (5)
O	\$150 - 199 per month (6)
O	\$200 - 249 per month (7)
	\$250 - 299 per month (8)
	\$300 - 349 per month (9)
	\$350 - 399 per month (11)
	over \$400 per month (12)
0	I don't know (10)
Δn	swer If Is your electricity bill bundled with other utilities such as natural gas? No Is Selected
	MMER2 About how much do you spend on electricity in a typical summer month?
	less than \$25 per month (1)
	\$25 - 49 per month (2)
	\$50 - 74 per month (3)
	\$75 - 99 per month (4)
	\$100 - 149 per month (5)
0	\$150 - 199 per month (6)
0	\$200 - 249 per month (7)
\mathbf{C}	\$250 - 299 per month (8)
O	\$300 - 349 per month (9)
\mathbf{C}	\$350 - 399 per month (10)
O	over \$400 per month (11)
\mathbf{O}	I don't know (12)
Б	LO by the most touches mostly a considerant source also take bills have decreased in according
	LS In the past twelve months, would you say your electric bills have decreased, increased, or
	yed about the same compared to past years? Decreased a lot (1)
	Decreased somewhat (2)
	Stayed about the same (3)
	Increased somewhat (4)
	Increased a lot (5)
•	
РО	WER Over the past twelve months, how many times has there been a complete loss of electric
po	wer at your home for more than five minutes?
O	Never (1)
\mathbf{O}	1 time (2)
\mathbf{O}	2 times (3)
0	3 times (4)

POLITICAL Please tell us a little about your political beliefs.
STANCE When it comes to politics, do you usually think of yourself as liberal, moderate, conservative, or something else? O Very Liberal (1) Liberal (2) Moderate / Middle of the Road (3) Conservative (4) Very Conservative (5) Don't Know / Not Political (6) Other (7)
SOCIAL In general, how liberal (left-wing) or conservative (right-wing) are you on social issues? Very Liberal (1) Liberal (2) Moderate / Middle of the Road (3) Conservative (4) Very Conservative (5) Don't Know (9) Can't Pick One Label (10)
ECON In general, how liberal (left-wing) or conservative (right-wing) are you on economic issues? Very Liberal (1) Liberal (2) Moderate / Middle of the Road (3) Conservative (4) Very Conservative (5) Don't Know (6) Can't Pick One Label (7)
AFFIL Would you describe your political affiliation as Democrat, Republican, Independent, or Tea Party? O Democrat (1) O Republican (2) O Independent (3) O Tea Party (4) O Don't Know / Not Political (5)
DEMO Please tell us a little about yourself.
ZIP What is your zip code? (1)
CITYYRS How long have you lived in your current city? Years: (1)

O 4 or more times (5)

Years: (1)
SQFT How many square feet of living space are there in your residence, including bathrooms, foyers, and hallways? This excludes garages, basements, and unheated porches.
O 500 or less (1)
O 501-1000 (2)
O 1001-1500 (3)
O 1501-2000 (4)
O 2001-2500 (5)
O 2501-3000 (6)
O 3001-4000 (7)
O 4001-5000 (8)
O more than 5000 (9)
Answer If Which state do you live in? California Is Selected
UTILITY Which of the following do you have for your electric utility company?
O Southern California Edison [SCE] (1)
 Los Angeles Department of Water and Power [LADWP] (2) Something else (please specify): (3)
Something else (please specify). (3)
GENDER What is your gender?
O Male (0)
O Female (1)
O Prefer not to answer (99)
PEOPLE How many people live in your house (including yourself)?
☐ Adults (18 and over): (1)
☐ Children (under 18): (2)
EMPLOY What is your employment status? (check all that apply)
Employed full time (1)
□ Employed part time (2)
Out of work and looking for work (3)
Out of work but not currently looking for work (4)
☐ A homemaker (5)
□ A student (6)
☐ Military (7)
☐ Retired (8)
☐ Unable to work (9)
FINANCIAL How would you describe your current financial situation? Would you say you
O Live comfortably (1)
O Meet your basic expenses with a little left over for extras (2)
O Just meet your basic living expenses (3)
O Don't have enough to meet basic expenses (4)

INCOME What is your annual household income before taxes?

- O Less than \$25,000 (1)
- **3** \$25,000 to \$49,999 (2)
- **>** \$50,000 to \$74,999 (3)
- **>** \$75,000 to \$99,999 (4)
- **3** \$100,000 to \$149,999 (5)
- **>** \$150,000 to \$199,999 (6)
- **>** \$200,000 to \$299,999 (7)
- **3** \$300,000 to \$399,999 (8)
- **3** \$400,000 or more (9)
- O Prefer not to answer (10)

END Those are all the questions we have for you. Thank you for your time! If you have any additional comments about this survey or your experience with solar panels, please use the space below.

END2 Click "Submit" below to finish your survey.