

# **Opinion Poll**

Pennsylvania Small Business Owners Support Government Investments in Clean Energy and EPA Clean Air Standards

July 24, 2012

## **Small Business Majority**

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### **Executive Summary**

Small businesses account for a significant share of Pennsylvania's economy. For every one large business in Pennsylvania, there are 246 small businesses¹ diligently working to reenergize the state's economy: Small firms make up 98.3% of the state's employers.² These entrepreneurs are doing everything they can to hire, grow and move their businesses and the state's economy forward. As part of these efforts, recent scientific opinion polling shows that Pennsylvania's entrepreneurs want pragmatic, innovative policies that help guide them into a competitive, modern clean energy economy.

Nearly three-quarters of respondents (73%) say government investments in clean energy play an important role in creating jobs and boosting the economy, and a majority of owners agree government should continue investing in renewable energy despite the failure of Solyndra, a renewable energy company that received a \$535 million federal loan guarantee prior to filing for bankruptcy.

Contrary to ideological rhetoric blaming government regulations as the primary impediment to small business growth, entrepreneurs ranked regulation as least problematic out of the eight business concerns we asked them about. Instead, when asked about the top two problems facing their business, Pennsylvania owners cite the rising cost of doing business—such as higher fuel and electricity costs (48%) and higher material and supply costs (46%) —as their biggest problems. Only 9% of small businesses say regulation is one of their two biggest problems.

While respondents indicate overall support for government investment in general, specific government actions are even more popular. Across the board, small business owners expressed overwhelming support for 14 separate actions the federal government could take to support moving to a clean energy economy. A strong majority showed support for programs such as establishing minimum recycling standards, offering tax credits and rebates for upgrades, creating a "Green Bank" and increasing fuel efficiency standards.

With regard to specific Environmental Protection Agency regulations, 76% of the small business owners surveyed support the EPA's new federal standard requiring new power plants to reduce emissions of greenhouse gases such as carbon dioxide, methane and nitrous oxide—even though more than half (62%) believe the EPA's regulation of such emissions would impact their business. What's more, 55% of owners would support the EPA regulating carbon pollution and other emissions even if it would cause an increase in utility rates.

The poll also revealed a striking 91% of owners support EPA rules to reduce mercury, arsenic, chromium, nickel and acid gas emissions from new and existing power plants. What's more, 49% *strongly* support this rule even though more than half (52%) say it would directly impact their business.

On the subject of EPA standards for air quality, a strong 77% favor proposed rules to reduce smog and soot pollution crossing state lines and contributing to pollution in other states. Fifty-three percent of owners say their business would see direct effects of these rules.

Lastly, the business owners polled were politically diverse: 42% identified as Republican or independent-leaning Republican, 43% as Democrat or independent-leaning Democrat, and 9% as independent (6% identified as "other").

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 $<sup>^1\,</sup>SBA\ Office\ of\ Advocacy.\ Small\ Business\ Profile:\ Pennsylvania.\ http://www.sba.gov/sites/default/files/files/oh10.pdf$ 

<sup>&</sup>lt;sup>2</sup> Ibid.

## **Main Findings**

### **Government Investment in Clean Energy and Energy Efficiency**

- Pennsylvania small business owners believe government investments in clean energy have an important role in boosting our national economy and creating jobs: 73% of respondents believe it is important government continues to invest in clean energy, while only 27% say government investments in clean energy and energy efficiency are a waste of money.
- Despite the failure of Solyndra, small businesses do not believe government should stop investing in renewable energy technologies: The majority of small business owners (59%) agree the failure of Solyndra—which received a \$535 million loan guarantee from the federal government—doesn't mean government should stop investing in renewable energy technologies. However, almost 3 out of 4 small business owners, or 73%, favor ending government subsidies to oil and gas companies.
- The rising cost of doing business is Pennsylvania small business owners' biggest problem—not regulations: Asked about their top business concerns, Pennsylvania small business owners most often say it's the rising cost of doing business—48% cite the rising cost of doing business, such as higher fuel or electricity costs, and 46% cite the rising cost of doing business, such as higher material or supply costs. Lack of consumer demand came in third with 22%, and taxes ranked fourth at 17%. Out of eight total options, government regulation came in last. Only 9% of respondents say it's one of their two biggest problems.
- Many Pennsylvania small business owners have already taken steps to improve energy efficiency: Almost three-quarters, or 73% of respondents have installed energy-saving measures such as energy efficient light bulbs, appliances, windows and insulation, reduced their heating and/or air conditioning usage, or took some other energy saving measure. And, if they haven't taken measures, a robust 78% is interested in doing so.
- Pennsylvania small business owners are extremely interested in using programs that help improve energy efficiency: 78% of small business owners are interested in using programs that provide incentives or assistance for small businesses to improve energy efficiency; only 7% of respondents are not interested at all.
- Government should play a role in creating financial incentives that encourage people to take energy efficiency measures: The vast majority (81%) of Pennsylvania small business owners believe government should play an important role in creating financial incentives that encourage people to take energy efficiency measures, like installing energy efficient light bulbs. More than four in five business owners believe government should provide incentives through funding and policy efforts: 87% support encouraging renewable energy technologies while 83% support encouraging clean energy technologies.

## **Main Findings**

### **Environmental Protection Agency Rules**

- Small business owners support EPA standards even if it would cause increased utility rates: More than half of owners surveyed (55%) would support the EPA regulating carbon pollution and other emissions even if it would cause an increase in utility rates.
- Small businesses support rules recently released by the EPA requiring new power plants to reduce previously unlimited greenhouse gas emissions: More than three-quarters of respondents, or 76%, are in favor of the EPA determining federal limits on power plants' emissions of greenhouse gases such as carbon dioxide, methane and nitrous oxide.
- The majority of owners say regulation of carbon and other emissions will impact their business: 62% of respondents believe the EPA's regulation of carbon pollution and other emissions will impact their own business.
- A strong margin of owners believe the EPA should oversee mercury, arsenic, chromium, nickel and acid gas emissions: More than nine in 10 small business owners—91%—support EPA rules to regulate mercury and other toxic emissions from power plants. Forty-nine percent *strongly* support it withstanding that half (52%) say it will directly affect their business.
- Small business owners deliver similar support for standards to monitor air quality by reducing cross-state smog and soot emissions from power plants: 77% of respondents support the EPA's proposed standards to reduce the smog and soot coming from power plants that contribute to pollution in other states (the "Good Neighbor Rule"), withstanding the fact that 53% believe it would impact their business directly.
- Respondents were politically diverse: 42% identified as Republican or independent-leaning Republican, 43% as Democrat or independent-leaning Democrat and 9% as independent; 6% identified as "other."

## Methodology

This poll reflects an Internet survey of 600 small business owners in Pennsylvania, Colorado, Michigan, Nevada, Ohio and Virginia. Respondents were drawn from Survey Sampling International and polled by Greenberg Quinlan Rosner Research for Small Business Majority. The survey was conducted from March 21-28, 2012. The overall margin of error for the entire sample is +/- 4%.

# Majority of Pennsylvania Small Business Owners View Government Investments in Energy as Important

Small business owners see an important role for government in helping to build a clean energy economy. Nearly three-quarters of owners (73%) say government investments in clean energy and energy efficiency play an important role in boosting our national economy and creating jobs now. Conversely, only 14% strongly view government investments in clean energy and energy efficiency as a waste of money that isn't conducive to economic growth and job creation.

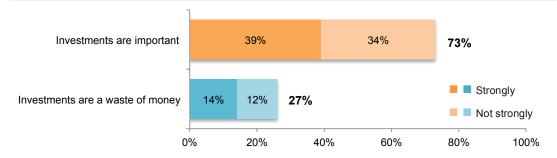
# Figure 1: Small businesses believe government investments in clean energy will create jobs now

Which of these statements comes closer to your point of view, even if neither one is exactly right:

Government investments in clean energy and energy efficiency have an important role in boosting our national economy and creating jobs now.

OR

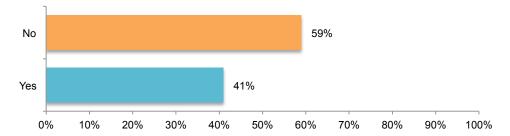
Government investments in clean energy and energy efficiency are a waste of money, and neither play an important role in growing our national economy or creating jobs.



Moreover, Solyndra's bankruptcy does not stop the majority of entrepreneurs from supporting government investments in renewable energy. Fifty-nine percent agree the failure of the company—which received a \$535 million loan guarantee from the federal government—doesn't mean the government should stop investing in renewable technologies. However, almost 3 out of 4 small business owners (73%) support ending government subsidies to oil and gas companies, and a 54% majority would still support doing so even if it means a small increase in gas prices.

### Figure 2: Owners support renewable energy despite Solyndra's failure

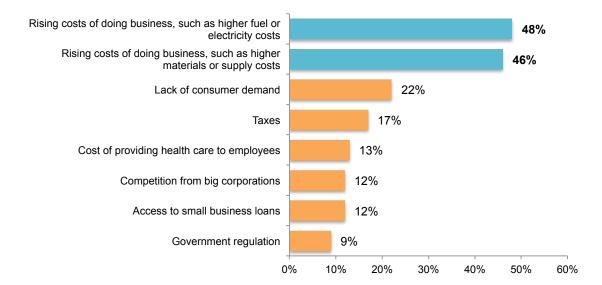
Should the failure of Solyndra mean the government should stop investing in renewable energy technologies, like solar and wind?



When asked to name the biggest one or two problems facing their business, small business owners cite the rising cost of doing business—such as higher fuel and electricity costs (48%) and higher material and supply costs (46%). Lack of consumer demand came in third with 22% and taxes ranked fourth at 17%. Only 9% say government regulation is one of their two biggest problems.

#### Figure 3: Owners cite rising costs of doing business as top concern

Which ONE or TWO of the following do you believe are the biggest problems facing your business?

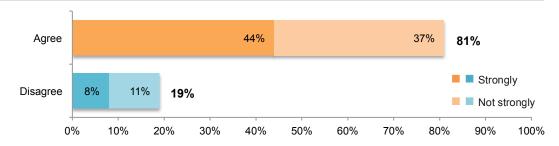


## Pennsylvania Small Business Owners Believe Government is Important in Encouraging Energy Efficiency

A strong majority (81%) of Pennsylvania small business owners believe government should play an important role in creating financial incentives that encourage employers to take energy efficiency measures. More than four out of five business owners believe government should provide incentives through funding and policy efforts—87% support encouraging *renewable energy* technologies while 83% support encouraging *clean energy* technologies.

# Figure 4: Small business owners believe government should play a role in creating incentives encouraging energy efficiency

Government should play an important role in creating financial incentives that encourage people to take energy efficiency measures, like installing energy efficient light bulbs.



Pennsylvania small business owners are extremely interested in using programs that help improve energy efficiency. A strong majority (78%) is interested in using programs that provide incentives or assistance for small businesses to improve energy efficiency, while only 7% of respondents are not interested at all.

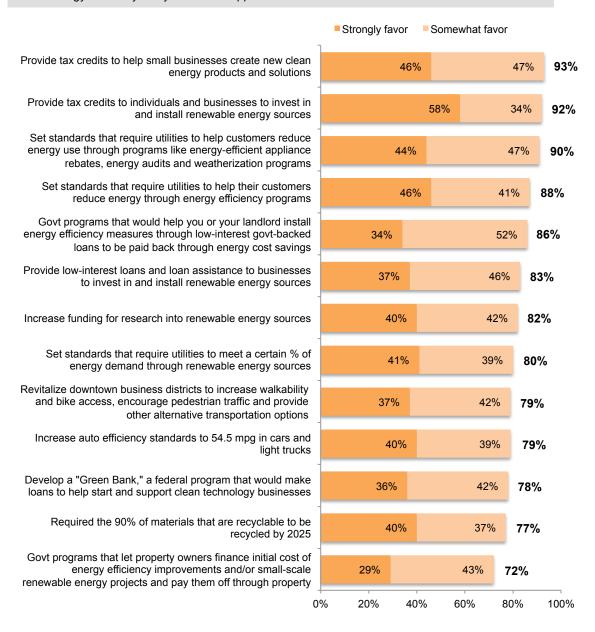
Across the board, those polled support programs to help small business owners looking to make energy efficiency upgrades to their businesses. Financial incentives—such as tax rebates (85%) and low-cost financing (86%)—received the most support, while energy audits that help small business owners make their facilities more energy efficient and less costly to operate were supported by 78%.

# Figure 5: Small business owners believe incentives are useful to encouraging energy efficiency upgrades to their businesses

Please rate how useful you believe the following programs would be to small business owners looking to make energy efficiency upgrades to their businesses. Very useful Somewhat useful Not very usefull Not at all useful Programs that allow business owners to upgrade 86% equipment through low-cost financing Incentives, such as tax rebates, to perform energy 85% efficiency upgrades Low interest loans for energy efficiency upgrades to 80% Energy audits that tell you how your facility can be more 78% energy efficient and cost less money to operate Reductions in permitting fees to make energy efficient 74% upgrades to buildings Low interest loans to invest in installing clean energy 73% resources such as solar panels 20% 40% 60% 80% 100% Small business owners in Pennsylvania believe the government could provide additional incentives to support small businesses moving toward a clean energy economy. An overwhelming majority support financial incentives like tax credits and low-interest loans, including the development of a "Green Bank," while others support energy consumption and automotive standards, recyclable materials minimums, alternative revitalization efforts in downtown business zones and funding for research into renewable energy sources.

# Figure 6: Small business owners show support for specific government incentives to help them move toward a clean energy economy

Here is a list of activities that our government can do, or has already done, to support moving to a clean energy economy. Do you favor or oppose these activities?



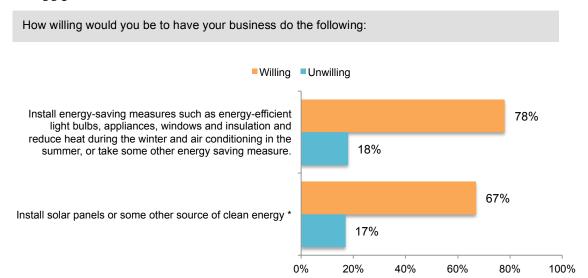
Questions have been shortened for space constraints. See toplines for full description.

# Pennsylvania Small Business Owners Want to be More Energy Efficient

Many Pennsylvania small business owners have already taken steps to improve energy efficiency. Nearly three-quarters, or 73%, of respondents have installed energy-saving measures such as energy efficient light bulbs, appliances, windows and insulation, reduced their heating and/or air conditioning usage, or took some other energy saving measure. Nearly one in 10 have taken more dramatic steps of switching to hybrid cars. Even among businesses that have not taken steps to install energy-saving measures, a strong majority (78%) indicate they are willing to take these steps in the future. Sixty-seven percent would consider installing solar panels or other sources of clean energy.

Small business owners are keenly aware of changes in overhead costs. Transportation costs, specifically gas prices, continue to impact the bottom line of small businesses. A 53% majority of small business owners believe more government investments in fuel efficient, hybrid and electric cars is a potential solution to high gas prices.

# Figure 7: Small business owners are willing to take steps to incorporate clean energy practices

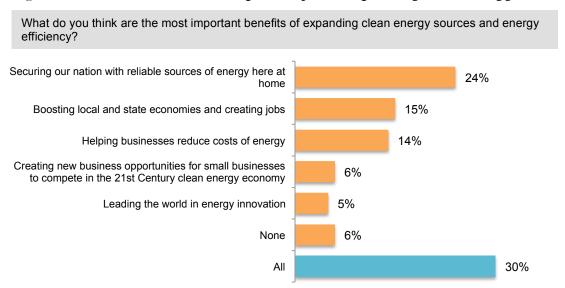


<sup>\*</sup>Asked of respondents who indicated NO or UNSURE when asked:
Please indicate if your business has done the following: Installed solar panels or some other source of clean energy

## **Small Businesses See Multiple Benefits to Expanding Clean Energy**

Securing our nation with reliable sources of energy here at home is one of the most important benefits of expanding clean energy sources and energy efficiency, according to 24% of respondents. Other benefits include: boosting local and state economies and creating jobs (15% support), helping businesses reduce the costs of energy (14% support), creating new business opportunities for small businesses to compete in the 21st economy (6% support) and leading the world in energy innovation (5% support). Three in 10 owners indicate that "all of the above" reflect their belief that clean energy offers multiple benefits.

### Figure 8: Small business see multiple benefits to expanding clean energy

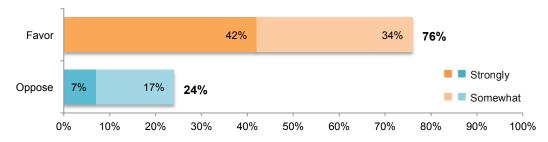


# **Owners See Important Role for EPA in Limiting Greenhouse Gas Emissions**

Turning to a specific clean energy issue, small business owners demonstrate strong support for new Environmental Protection Agency regulations that require new power plants to reduce their emissions of greenhouse gases. A broad majority (76%) favor the EPA's federal rule that new power plants reduce previously unlimited emissions of carbon dioxide, methane and nitrous oxide. What's more, 42% strongly favor this rule while just 7% strongly oppose it.

#### Figure 9: Majority favors new rules limiting greenhouse gas emissions

The EPA is expected to soon release rules requiring new power plants to reduce the amount of greenhouse gases such as carbon dioxide, methane and nitrous oxide they emit. There currently are no federal limits on the carbon pollution that comes from industrial sources such as power plants and factories. Do you favor or oppose the EPA regulating carbon pollution from power plants?

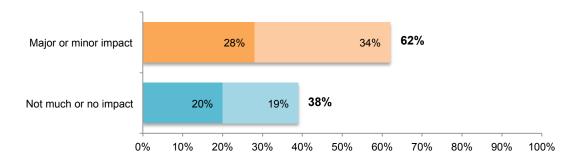


Sixty-two percent report their business will be impacted by EPA oversight of carbon and other emissions—including more than one in four who indicate they will be majorly impacted.

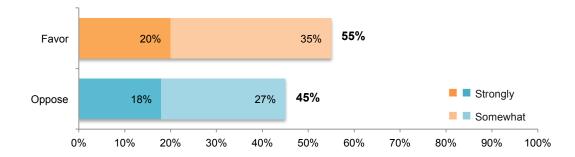
More than half of owners surveyed (55%) would support the EPA regulating carbon pollution and other emissions even if it would cause an increase in utility rates.

# Figures 10 and 11: Majority favors the EPA overseeing greenhouse gas emissions despite the fact that it could increase costs

Do you believe the EPA's regulation of carbon pollution and other emissions will have a major impact, a minor impact, not much of an impact or no real impact on your business specifically?



Would you favor or oppose the EPA regulating carbon pollution and other emissions on power plants even if you believe there would be an increase in utility rates?



## **Owners Favor EPA Standards on Mercury, Air Quality and More**

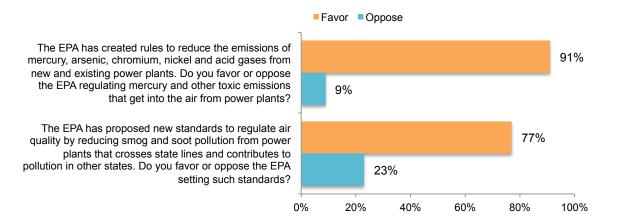
Poll results revealed particularly overwhelming support for EPA requirements to reduce emissions of mercury, arsenic, chromium, nickel and acid gases from new and existing power plants. A vast majority, 91%, support the EPA regulating these emissions and almost half (49%) *strongly* support it.

Fifty-two percent of small business owners say these regulations would directly impact their business.

### Figure 12: Support for air quality, mercury and toxic emissions standards

The EPA has created rules to reduce the emissions of mercury, arsenic, chromium, nickel and acid gases from new and existing power plants. Generally speaking, do you favor or oppose the EPA regulating mercury and other toxic emissions that get into the air from power plants?

The EPA has proposed new standards to regulate air quality by reducing smog and soot pollution from power plants that crosses state lines and contributes to pollution in other states. Generally speaking, do you favor or oppose the EPA setting such standards?



When it comes to EPA standards for air quality, 77% of Pennsylvania small business owners favor proposed rules to reduce smog and soot pollution that crosses state lines.

Again, 53% of those surveyed say their business would see direct effects of the impending rules.

### **Conclusion**

As the economy inches toward recovery, small business owners in Pennsylvania are working long hours to help revitalize their state's economy. But right now, the rising costs of doing business are slowing them down more than anything. Increased fuel and electricity prices are hampering small business owners' bottom lines, but the ability to compete in a transforming clean energy-based economy offers them new business opportunities that can help offset those costs. With that in mind, it's not surprising the majority of entrepreneurs see a role for government in helping pave the way to economic recovery with investments in clean energy and energy efficiency, and that they favor protecting EPA regulation of greenhouse gases like carbon dioxide, and air toxins like mercury, smog, soot and more.

Pennsylvania's job creators are steadfastly committed to these policies as pragmatic long-term ways to usher small businesses into a clean, modern economy. With entrepreneurs supporting these standards in times when they know they might face cost increases like higher utility prices, it's clear they believe the long-term economic benefits overall would outweigh their short-term costs.

## **Poll Toplines**

March 21 – March 28, 2012 106 Pennsylvania small businesses with 100 or fewer employees

	PA
Yes	
No	
Not sure	
(ref:SBOSCR)	
How many people are directly employed by your business or company	y, including yourself?
1 (less than 25%)	11
2-5	59
6-10	
11-25	
 26-50	
51-100	_
More than 100	
(ref:NUMEMPLY)	
(ACCITATION AND ACCITATION AND ACCIT	
Which ONE or TWO of the following do you believe are the biggest pr	oblems facing your bus
Competition from big corporations	12
Government regulation	0
Lack of consumer demand	22
Rising costs of doing business, such as	
higher fuel or electricity costs	48
Rising costs of doing business, such as	
higher materials or supply costs	46
Access to small business loans	10
Taxes	
Cost of providing health care to employees	
bost of providing ficultificate to employees	
(Refused)	
(Refused)(ref:BIGPROB2	
ref:BIGPROB2  How interested are you in using programs that provide incentives or a mprove energy efficiency? Extremely interested, very interested, some	ssistance for small bus
ref:BIGPROB2  How interested are you in using programs that provide incentives or a	ssistance for small bus
ref:BIGPROB2  How interested are you in using programs that provide incentives or a mprove energy efficiency? Extremely interested, very interested, some rested, or not at all interested?	assistance for small bus what interested, not to PA
ref;BIGPROB2  How interested are you in using programs that provide incentives or a nprove energy efficiency? Extremely interested, very interested, some rested, or not at all interested?  Extremely interested	essistance for small bus what interested, not to PA
Tref;BIGPROB2  How interested are you in using programs that provide incentives or a superior of the provide incentives or a superior of the provide incentives or a superior of the provide interested, some superior of the provide interested, some superior of the provide interested.  Extremely interested	essistance for small bus what interested, not to PA 34
Tref:BIGPROB2  How interested are you in using programs that provide incentives or a supervise energy efficiency? Extremely interested, very interested, some rested, or not at all interested?  Extremely interested  Very interested  Somewhat interested	PA
Tref;BIGPROB2  How interested are you in using programs that provide incentives or a superior of the provide incentives or a superior of the provide incentives or a superior of the provide interested, some superior of the provide interested, some superior of the provide interested.  Extremely interested	PA

Please rate how useful you believe the following programs would be to small business owners looking to make energy efficiency upgrades to their businesses.

						Very/ Smwt	
Q.5 Low interest loans for energy efficiency upgrades to buildings	o sen	CSCII	CSCII	CSCII	101		114 411
PA	34	45	13	7	-	80	20
Q.6 Reductions in permitting fees to make energy efficient upgrades to buildings							
PA	35	40	19	5	1	74	24
Q.7 Programs that allow business owners to upgrade equipment through low-cost financing							
PA	42	43	9	4	1	86	13
				At all		Very/ Smwt	
Q.8 Low interest loans to invest in installing clean energy resources such as solar panels							
PA							
	··· 37	36	18	9	-	<b>73</b>	<b>2</b> 7
Q.9 Energy audits that tell you how your facility can be more energy efficient and cost less money to operate	···· 37	36	18	9	-	73	<b>2</b> 7
can be more energy efficient and cost less money	-,			9		73 78	27 22
can be more energy efficient and cost less money to operate	-,					, 0	·

Here are some things some businesses have done to improve energy efficiency. Please indicate if your business has done the following

	Yes	No	Does Not Apply	,	Total Yes
Q.11 Installed energy-saving measures such as energy-efficient light bulbs, appliances, windows and insulation, reduced heat during the winter and air conditioning in the summer, or took some other energy saving measure.			rr v		
PA	···73	13	14	-	60
Q.12 Installed solar panels or some other source of clean energy					
PA	10	58	31	-	-48
Q.13 Switched to hybrid or electric vehicles					
PA(ref:EFFEC1)	9	56	35	-	<b>-4</b> 7

How willing would you be to have your business do the following:

Q.14 Install energy-saving measures such as energy-efficient light bulbs, appliances, windows and insulation			Smwt Un Wllng	Un		Not	Total	Un	Wllng - Unwll
and reduce heat during the winter and air conditioning in the summer, or take some other energy saving measure.									
PA	··· 37	41	18	-	-	4	<b>78</b>	18	<b>59</b>
[E12 Respondents] Q.15 (IF NO OR NOT SURE ON EFFEC1 2) Install solar panels or some other source of clean energy									
PA	31	35	12	5	8	9	<b>6</b> 7	17	<b>50</b>
[E13 Respondents] Q.16 (IF NO OR NOT SURE ON EFFEC1 3) Switch to hybrid or electric vehicles									
PA(ref:EFFEC2)	16	26	21	26	6	4	42	48	-5

Q.17 Which of these statements comes closer to your point of view, even if neither one is exactly right:

Government investments in clean energy and energy efficiency have an important role in boosting our national economy and creating jobs now.

OR

Government investments in clean energy and energy efficiency are a waste of money, and neither play an important role in growing our national economy or creating jobs.

	PA
Important role, strongly	39
Important role, not strongly	34
Waste of money, not strongly	12
Waste of money, strongly	
(Don't know)	
Total Important	73
Total Waste of Money	<b>2</b> 7
Important - Waste of Money	46
(ref:INVSPAIR)	

Q.18 What do you think are the most important benefits of expanding clean energy sources and energy efficiency?

	PA
Leading the world in energy innovation	. 5
Boosting local and state economies and	
creating jobs	.15
Creating new business opportunities for	_
small businesses to compete in the 21st	
Century clean energy economy	. 6
Securing our nation with reliable sources of	
energy here at home	24
Helping businesses reduce costs of energy	.14
None	
All	30
(Refused)	
(ref:BENEFITS)	

Here is a list of activities that our government could do, or has already done, to support moving to a clean energy economy. Do you favor or oppose these activities? -

5				_			_	Fav	
	Strng Fav	Smwt Fav	Smwt Opp	Strng Opp	Dk/ Ref	Total Fav	Total Opp	- Opp	
Q.19 Setting standards that require utilities to help their customers reduce energy consumption through energy efficiency programs.	141	1111	ОРР	OPP			ОРР	OPP	
PA	46	41	7	5	-	88	12	<b>75</b>	
Q.21 Setting standards that require utilities to meet a certain percentage of energy demand through renewable energy sources such as wind, solar and bio-fuels.  PA	41	20	10	10		80	20	60	
1A	••• 41	39	10	10	_	80	20	00	
Q.22 Increase funding for research into renewable energy sources like solar, wind and bio-fuels.									
PA	40	42	12	6	-	82	18	63	
Section 1 and 1	Strng Fav	Smwt Fav		Strng Opp	Dk/ Ref	Total Fav	Total Opp	Fav - Opp	
[300 Respondents] Q.23 (SPLIT A) Providing tax credits to individuals and businesses to invest in and install renewable energy sources, like solar panels or wind turbines, and/or energy efficiency upgrades to buildings.									
PA	58	34	4	4	-	92	8	83	
[300 Respondents] Q.24 (SPLIT B) Providing low-interest loans and loan assistance to individuals and businesses to invest in and install renewable energy sources, like solar panels or wind turbines, and/or energy efficiency upgrades to buildings									
PA	··· 37	46	6	11	-	83	17	67	
Q.25 Setting standards that require utilities to help customers reduce energy use through programs like energy-efficient appliance rebates, energy audits and weatherization programs.									
PA	··· 44	47	6	4	-	90	10	81	

	Strng Fav			Strng			_	Fav
Q.26 Increasing automotive efficiency standards to 54.5 miles per gallon in cars and light trucks.	rav	Fav	Opp	Орр	Ref	Fav	Орр	Opp
PA	40	39	14	7	-	79	21	<b>58</b>
Q.27 Revitalize downtown business districts that focus on increasing walkability and bicycle access, encouraging pedestrian traffic and providing alternative transportation into these areas.								
PA	··· 37	42	15	6	-	79	21	<b>58</b>
Q.28 Provide tax credits to help small businesses and entrepreneurs create new clean energy products and solutions.								
PA	46	47	3	4	-	93	7	86
Q.29 Require the 90 percent of materials the are recyclable to be recycled by 2025.	at							
PA	40	37	17	6	-	77	23	55
	Strna	Smurt	Smurt	Strng	Dk/	Total	Total	Fav
O co Davidor a "Green Bank " a fadaral	Strng Fav	Smwt Fav	Smwt Opp	Strng Opp	Dk/ Ref	Total Fav	Total Opp	Fav - Opp
Q.30 Develop a "Green Bank," a federal program that would make loans to help start and support clean technology businesses.	_							-
program that would make loans to help start and support clean technology	Fav							-
program that would make loans to help start and support clean technology businesses.	Fav	Fav	Opp	Opp	Ref	Fav	Opp	- Opp
program that would make loans to help start and support clean technology businesses.  PA	Fav 36	Fav	Opp	Opp	Ref	Fav	Opp	- Opp
program that would make loans to help start and support clean technology businesses.  PA	Fav 36	<b>Fav</b> 42	<b>Opp</b>	Opp	Ref	78	Opp 22	- Opp 55

Do you agree or disagree with the following statements? -

	_			Strng Dis				Agree - Dis
[300 Respondents] Q.33 (SPLIT A) Government should play an important role in encouraging renewable energy technologies through funding and policy efforts.								
PA	··· 47	40	8	5	-	<b>8</b> 7	13	74
Q.34 Government should play an important role in creating financial incentives that encourage people to take energy efficiency measures, like installing energy efficient light bulbs.								
PA	··· 44	37	11	8	-	81	19	61
[300 Respondents] Q.35 (SPLIT B) Government should play an important role in encouraging clean energy technologies through funding and policy efforts.								
PA(ref:AGREE3)	··· 37	46	4	13	-	83	17	66

Q.36 The Environmental Protection Agency (EPA) is expected to soon release rules requiring new power plants to reduce the amount of greenhouse gases such as carbon dioxide, methane and nitrous oxide they emit. There currently are no federal limits on the carbon pollution that comes from industrial sources such as power plants and factories. Generally speaking, do you favor or oppose the EPA regulating carbon pollution from power plants?

	PA
Strongly favor	42
Somewhat favor	
Somewhat oppose	17
Strongly oppose	
(Don't know/Refused)	
Total favor	
Total oppose	24
Favor - Oppose	53
(ref:EPA1)	

Q.37 Do you believe the EPA's regulation of carbon pollution and other emissions will have a major impact, a minor impact, not much of an impact or no real impact on your business specifically? -

	PA
Major impact	28
Minor impact	34
Not much of an impact	
No real impact	
(Refused)	
Major/Minor	62
Not much/ None	
(ref:IMPACT)	Ū

Q.38 Would you favor or oppose the EPA regulating carbon pollution and other emissions on power plants even if you believe there would be an increase in utility rates?

	PA
Strongly favor	20
Somewhat favor	35
Somewhat oppose	
Strongly oppose	
(Don't know/Refused)	
Total favor	55
Total oppose	45
Favor - Oppose(ref:EPARATE)	10
(10112111111111111111111111111111111111	

Q.39 The EPA has proposed new standards to regulate air quality by reducing smog and soot pollution from power plants that crosses state lines and contributes to pollution in other states. Generally speaking, do you favor or oppose the EPA setting such standards?

	PA
Strongly favor	38
Somewhat favor	40
Somewhat oppose	13
Strongly oppose	9
(Don't know/Refused)	
Total favor	
Total oppose	23
Favor - Oppose	55
(ref:EPA3)	

Q.40 Do you believe the EPA's new standards to regulate air quality by reducing smog and soot pollution from power plants that crosses state lines will have a major impact, a minor impact, not much of an impact or no real impact on your business specifically?

	PA
Major impact	25
Minor impact	
Not much of an impact	17
No real impact	
(Refused)	
Major/Minor	53
Not much/None	<b>4</b> 7
(ref:IMPACT3)	• /

Q.41 The EPA has created rules to reduce the emissions of mercury, arsenic, chromium, nickel and acid gases from new and existing power plants. Generally speaking, do you favor or oppose the EPA regulating mercury and other toxic emissions that get into the air from power plants?

	PA
Strongly favor	49
Somewhat favor	41
Somewhat oppose	
Strongly oppose	5
(Don't know/Refused)	
Total favor	91
Total oppose	
Favor - Oppose	82
(ref:EPA4)	

Q.42 Do you believe the EPA's new rules to reduce the emissions of mercury, arsenic, chromium, nickel and acid gases from new and existing power plants will have a major impact, a minor impact, not much of an impact or no real impact on your business specifically?

	PA
Major impact	20
Minor impact	
Not much of an impact	
No real impact	
(Refused)	
Major/Minor	52
Not much/ None	
(ref:IMPACT5)	•

Q.43 As you may have heard, Solyndra, a manufacturer of solar panel cells, filed for bankruptcy after receiving a \$535 million loan guarantee from the federal government. Should the failure of Solyndra mean the government should stop investing in renewable energy technologies, like solar and wind?

	PA
Yes, strongly	27
Yes, not strongly	14
No, not strongly	
No, strongly	24
(Refused)	
Total Yes	41
Total No	59
Yes - No	19
(ref:SOLYNDRA)	,

Q.44 Do you believe that more government investments in fuel efficient, hybrid and electric cars is a potential solution to high gas prices?

	PA
Yes, strongly	22
Yes, not strongly	
No, not strongly	25
No, strongly	22
(Refused)	
Total Yes	53
Total No	··· 47
Yes - No	5
(ref:SOLTN)	

#### [299 Respondents]

Q.45 (SPLIT C) Would you favor or oppose ending government subsidies to oil and gas companies?

	PA
Strongly favor	38
Somewhat favor	
Somewhat oppose	17
Strongly oppose	10
(Don't know/Refused)	
Total favor Total oppose	
Favor - Oppose(ref:OILSUB)	46

### [301 Respondents]

Q.46 (SPLIT D) Would you favor or oppose ending government subsidies to oil and gas companies, even if it meant a small increase in gas prices?

	PA
Strongly favor	27
Somewhat favor	27
Somewhat oppose	30
Strongly oppose	16
(Don't know/Refused)	
Total favor Total oppose	54
Favor - Oppose	8

Q.47 These last questions are for statistical purposes only: Which of the following categories best describes your business?

PA	L
Professional services	
Retail or wholesale	
Education, health care or a non-profit	
organization	
Construction11	
Industry or manufacturing4	
Transportation or utilities	
Agriculture	
Food services or production	
Other20	į
(Refused)	
(ref:BUSTYPE)	

Q.48 Do you belong to any of the following business organizations? Please check all that apply.

	PA
Your local chamber of commerce	22
The U.S. Chamber of Commerce	
National Federation of Independent	
Business	. 3
A trade association in your industry	23
Other business organization	18
None	54
(ref:ORGTYPE)	

Q.49 In what year were you born	0.49	In	what	vear	were	vou	born	?
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	PA
18 - 24	. 7
25 - 29	٠4
30 - 34	. 8
35 - 39	. 5
40 - 44	. 9
45 - 49	.12
50 - 54	25
55 - 59	
60 - 64	. 9
65 and over	.14
Refused	
(ref:AGE)	

Q.50 Generally speaking, do you think of yourself as a Republican, a Democrat, an Independent, or something else?

	PA
Democrat	38
Independent-lean Democrat	5
Independent	
Independent-lean Republican	4
Republican	38
Other	
Refused	
(ref:PTYID1)	

Q.51 For statistical purposes only, which of these categories best describes your family's personal income in 2011?

	PA
Less than \$25,000	7
\$25,000-\$34,999	20
\$35,000-\$49,999	
\$50,000-\$74,999	21
\$75,000-\$99,999	
\$100,000-\$149,999	
\$150,000-\$249,999	
\$250,000-\$499,999	1
\$500,000-\$999,999	
Over \$1 million	
Don't know	
Prefer not to say	1
(ref:PERSINC)	

### Q.52 What is your race?

	PA
White	86
African American or Black	
Hispanic or Latino	
Asian or Pacific Islander	
American Indian or Native American	
Other	
Biracial or multiracial	
Prefer not to say	
(ref:RACE)	

Q.53 Does your business generate revenue directly through the new clean economy? Some examples would include installing solar panels, helping other companies reduce energy costs, recycling, providing alternative transportation, environmental marketing or LEED certification.

1 ,	
	PA
Yes	
No	90
(Don't know/Prefer not to say)	
Yes - No	80
(ref:GREEN)	
Q.54 Is your business minority- or woman-owned?	
	PA
Yes, minority owned	10
Yes, woman owned	26
Yes both	
No	61
(Refused)	
Q.55 What is your gender?	
	PA
Male	60

(ref:GENDER)