VIRGINIA SOLAR SURVEY

SURVEY RESULTS: ADDITIONAL DATA AND ANALYSIS

Developed and conducted by

Virginia Department of Energy

Virginia Solar Initiative, University of Virginia

VIRGINIA Energy

ENERGY TRANSITION INITIATIVE
UNIVERSITY OF VIRGINIA

University of Virginia | Weldon Cooper Center for Public Service
Center for Economic and Policy Studies

TABLE OF CONTENTS

SECTION I: OVERVIEW

Upon closing the Virginia Solar Survey on August 13, 2021, UVA's Center for Survey Research (CSR) conducted a preliminary analysis of the survey results. CSR identified the frequency of responses for each question and conducted several sets of comparative analyses for specific subgroup variables. Due to the overall volume and length of these comparative analyses, those results and data were not included in the Report of Initial Findings; however, they are detailed and linked below, along with additional guides that outline variable definitions and methodology.

Regarding statistical significance: While these tests are highly valuable in reporting the likelihood that the relationships observed in this survey data also exists in the larger population, they are driven by two factors: (1) the strength of the relationship within the data, and (2) the size of the final sample. The larger the sample size, the more likely to have a statistically significant result. Unsurprisingly, even though a great response rate (82%), given the size of this survey's sample many observed relationships were not statistically significant based an alpha level of 0.05 (5%). The lack of statistically significant findings for some questions does not dampen confidence in the results, because the strong response rate supports high confidence in the accuracy of the findings even if the p-values did not hit the desired threshold. As a result, the report of Results and Initial Findings explores interesting relationships, popular themes, and trends revealed by the survey and does not exclusively report on statistically significant findings.

The following information pertaining to the data analysis is provided in accordance with the operating principles of CSR, which require transparency in all completed work. CSR subscribes to the American Association of Public Opinion Research (AAPOR) Code of Professional Ethics and Practices: AAPOR Code of Professional Ethics and Practices - AAPOR

FREQUENCY OF RESPONSES

The basic frequency of responses were identified for each question of the survey and are included as an additional resource in table format. Graphic visualizations of the responses for each question are provided in Appendix B of the Report of Results and Initial Findings.

MEANS COMPARISON

For means comparisons *(see Section III)*, ANOVA (analysis of variance) tests were run to assess statistical significance for questions with responses containing numeric values. In accord with industry practices, statistical significance was defined as any comparisons on which the p-value was less than or equal to the alpha level of 0.05.

The means table guide *(see Section III)* outlines the values and categories used to calculate the means included in the output.

Note: For the means comparisons, the *utility service provider* variable did not have a mutually exclusive category for every locality. There were three localities that had electric utility service from both Appalachian Power Company (ApCo) and Dominion Energy that were not included in the means comparisons of the *utility service provider* variable. The resulting categories used in the analysis were Dominion only, ApCo only, and neither Dominion nor ApCo.

CROSS TABULATIONS

Additional analysis was conducted by creating cross tabulations, or contingency tables *(see Section IV),* to compare the frequency of responses divided into different categories. The cross tabulations allows for statistical analysis across two variables simultaneously to facilitate a comparison of responses between different groups.

To assess statistical significance of the cross tabulations with categorical data, the Pearson's Chi-square test (Chi-square test) was used. The chi-square test resulted in a *chi-square statistic* to summarize the relationship between two variables, and a *p-value* to determine if the results were statistically significant. The 'Chi-Square Tests' table immediately follows the cross tabulation table for the questions it accompanies on pages 34-464 (*Section IV*). Some questions do not have a 'Chi-Square Tests' table since they were not structured in a manner that allows for a Chi-square test to be conducted. This includes questions with one or more multiple-response variables (i.e., the 'check all that apply') where the cumulative percent totals may exceed 100 percent.

Within the 'Chi-Square Tests' table, the *chi-square statistic* is presented in the intersection of the 'Pearson Chi-Square' row and the 'Value' column. Generally a lower *chi-square statistic* closer to zero means there is a high correlation between two variables. The *p-value* is presented in the intersection of the 'Pearson Chi-Square' row and the 'Asymptotic Significance' column. An alpha level of 0.05 (5%) was used to determine if the *p-value* was statistically significant. Raw *p-values* are also included in the table so that results can be considered against another threshold.

As seen in all of the cross tabulation output data sets (organized by variable in *Section IV*), the tables are organized so the independent variable (the groups being compared) is presented in the columns of the tables. The reported percentages and frequencies are then calculated in the rows for each particular group. For example: In the second table in the Urbanicity cross tabulations (*page 139*), there was just 57.1% of urban localities that use other Virginia localities as a resource to develop their own policy, whereas 71.4% of suburban localities, 75.6% of rural localities, and 89.7% of combination localities use this same resource.

DEFINITIONS OF VARIABLES

The following independent variables were used as subgroups in the comparative analysis. Cross tabular analysis of each of the variables can be found in Section IV.

Virginia Regions

Regions are defined using the Weldon Cooper Center Demographics Research Group's defined eight regions for the Commonwealth of Virginia. These regions were developed based on communities' shared demographic, social, economic, and geographic characteristics. These regions were discreet enough to reveal meaningful trends, while also being large enough that individual locality responses could remain confidential.

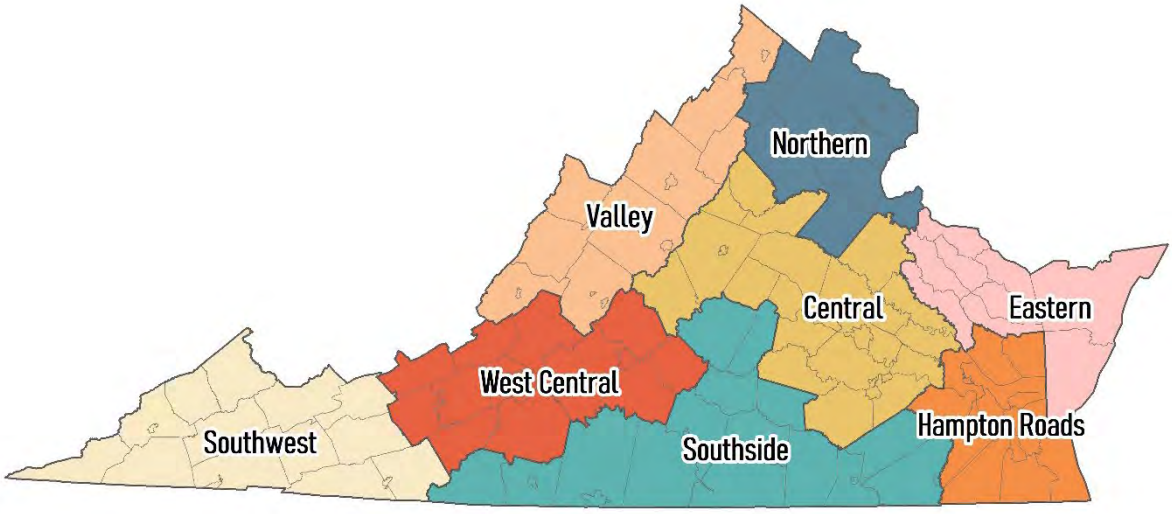


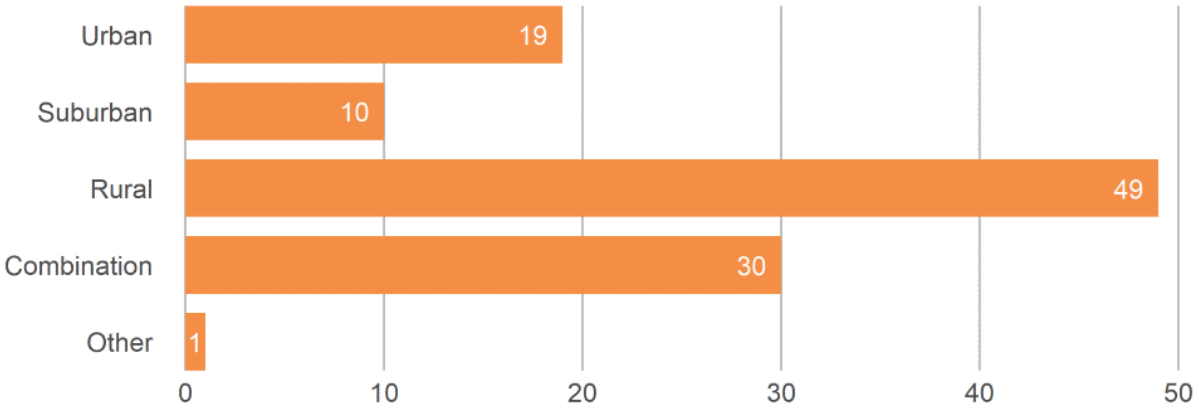
Figure 1: Virginia Regions from Weldon Cooper Center Demographics Research Group

Community Classification (Urbanicity)

In the survey, the respondents were asked to self-define their locality as *rural*, *urban*, *suburban, combination*, or *other*. The degree to which a locality is urban is described as its 'urbanicity'. An open text box was provided for respondents to explain their choice of *combination* or *other*. Many of the *combination* localities (at least 18 out of 29) described themselves as a combination of rural and suburban. *(See Appendix C of the Report of Initial Findings for a summary of quote responses.)*

Question 9: Urbanicity

Of the following choices, how would you characterize your locality? (*n=109*)



Electric Service Provider

Using publicly available information on utility service territories, each locality was classified as having electric service from *Dominion Energy*, *Appalachian Power*, *both*, or *neither*. Note: For the cross tabulations for this variable, some localities had multiple providers present and were not included in the analysis.

Experience with Solar

The solar experience variable *(see Section II for a detailed description)* is an index created based on eight components, those components being eight questions from the survey that together could reveal whether a locality had "experience" with solar development.

Population Size

Population size thresholds were defined using reasonable intervals to capture the variety of population sizes of localities present across the state. Population figures were obtained from 2020 U.S. Census data. Cross tabulations were only conducted for select questions for this variable.

- Very Small: *<15,000*
- Small: *15,000-25,000*
- Medium: *25,000-50,000*
- Large: *50,000-100,000*
- Very Large: >100,000

SECTION II: SOLAR EXPERIENCE VARIABLE DOCUMENTATION

The solar experience variable is an index created based on the following eight component items listed in the below table.

Question Number	Question Wording	A single point is tallied towards composite variable for each of the following conditions met
2.3	What is your locality's experience with using "energy-positive building design" for new public-school buildings?	Either "some experience" *or* "extensive experience" selected
2.5	Does your locality procure any of its own energy load from solar?	Either "Yes" *or* " No, not at this time but working towards it within next 2 years" selected
3.5	If your locality operates an electric utility, does it allow customers generating solar energy to "net meter" any excess solar generation?	"Yes" selected
4.2	Has your locality ever reviewed an application for a large or utility scale solar facility?	"Yes" selected
4.9	Has your locality ever entered into a siting agreement negotiation process for a solar project?	"Yes, at least one" selected
7.1	Has your locality considered or reviewed one or more economic impact analyses relating to solar development?	"Yes" selected
8.3	Does your locality have any actively permitted large or utility scale energy storage projects?	"Yes" selected
8.5	Are there any large or utility scale energy storage projects proposed or planned in your locality?	"Yes" selected

After totaling the number of points for each locality, the distribution of the solar experience index is shown in the table below.

rawsolarxp					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	29	26.6	26.6	26.6
	1.00	25	22.9	22.9	49.5
	2.00	24	22.0	22.0	71.6
	3.00	14	12.8	12.8	84.4
	4.00	11	10.1	10.1	94.5
	5.00	6	5.5	5.5	100.0
	Total	109	100.0	100.0	

Descriptive Statistics					
	N	Minimum	Maximum	Mean	Std. Deviation
rawsolarxp	109	.00	5.00	1.7339	1.50703
Valid N (listwise)	109				

The index was then collapsed to create a final variable with four categories. The category labels and distribution of that variable is shown below. This is the version of the solar experience index used in comparative analysis.

Raw solarxp value	Recoded solarxp value	Solarxp categories
0	0	No Experience
1	1	Little Experience
2	2	Moderate Experience
3	3	Much Experience
4		
5		

solarxp

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00 No Experience	29	26.6	26.6	26.6
	1.00 Little Experience	25	22.9	22.9	49.5
	2.00 Moderate Experience	24	22.0	22.0	71.6
	3.00 Much Experience	31	28.4	28.4	100.0
	Total	109	100.0	100.0	

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
solarxp	109	.00	3.00	1.5229	1.16743
Valid N (listwise)	109				

SECTION III: MEANS GUIDE AND TABLES

MEANS TABLE GUIDE

READING THE RESULTS

The tables are oriented so the columns represent the various groups within the independent variable. Here, for each dependent variable, we are reporting the average response value of that group. Further, we can report on which specific groups have statistically significantly different means from one another. Statistical significance for any comparisons on which the p-value was less than or equal to .05 (raw output and p-values not shown) has been marked by the emboldened text and a superscript is added to note the specific group from which the marked mean is different.

For example, on the first sheet, row 2, of the means excel file, we see the dependent variable of interest in agricultural, farmland impacts does have statistically significant mean differences between two or more urbanicity categories. Specifically, urban localities report a significantly lower average level of interest in agricultural, farmland impacts (mean of 1.63) compared to rural localities

VALUES AND CALCULATIONS

The following table contains the values and categories used to calculate the means included in the output.

Question: Section 1	Values	Category Label
• Q1.4_1: Interest in--Agricultural, farmland impacts • Q1.4_2: Interest in--Decommissioning • Q1.4_3: Interest in--Emergency response • Q1.4_4: Interest in--End users, corporate buyers, energy off-takers • Q1.4_5: Interest in--Energy equity, environmental justice • Q1.4_6: Interest in--Forests, timbering, carbon sequestration • Q1.4_ 7: Interest in--Low impact development, agrivoltaics • Q1.4_8: Interest in--Property values, economic benefits, taxation • Q1.4_9: Interest in--Soil and water conservation and protection • Q1.4_10: Interest in--Transmission, grid, energy storage, resiliency • Q1.4_11: Interest in--Viewsheds, cultural, historic resources • Q1.4_12: Interest in--Wildlife, habitat fragmentation and conservation • Q1.4_13: Interest in--Landowner leases, property rights	1	No Interest
	2	Minimal Interest
	3	Some Interest
	4	A Lot of Interest
	5	The Most Interest

Question: Section 2	Values	Category Label
• Q2.6_1: Familiarity with solar policy mechanism Federal Investment Tax Credit • Q2.6_2: Familiarity with solar policy mechanism Net-metering • Q2.6_3: Familiarity with solar policy mechanism Virtual net-metering • Q2.6_4: Familiarity with solar policy mechanism Power Purchase Agreements • Q2.6_5: Familiarity with solar policy mechanism Shared, Community Solar	1	Not at all familiar
	2	Slightly familiar
	3	Somewhat familiar
	4	Moderately familiar
	5	Extremely familiar

Questions: Section 4	Values	Category Label
• Q4.3_38: Projects 500 KW up to 5 MW-Number of applications reviewed total • Q4.3_39: Projects 500 KW up to 5 MW-Number of applications under review • Q4.3_40: Projects 500 KW up to 5 MW-Number of applications approved • Q4.3_41: Projects 500 KW up to 5 MW-Number of applications withdrawn • Q4.3_42: Projects 500 KW up to 5 MW-Number of applications denied • Q4.4_1: Projects 5-79 MW-Number of applications reviewed total • Q4.4_2: Projects 5-79 MW-Number of applications under review • Q4.4_5: Projects 5-79 MW-Number of applications approved • Q4.4_3: Projects 5-79 MW-Number of applications withdrawn • Q4.4_4: Projects 5-79 MW-Number of applications denied • Q4.5_1: Projects 80-149 MW-Number of applications reviewed total • Q4.5_2: Projects 80-149 MW-Number of applications under review • Q4.5_3: Projects 80-149 MW-Number of applications approved • Q4.5_4: Projects 80-149 MW-Number of applications withdrawn • Q4.5_5: Projects 80-149 MW-Number of applications denied • Q4.6_1: Projects 150+ MW-Number of applications reviewed total • Q4.6_2: Projects 150+ MW-Number of applications under review • Q4.6_3: Projects 150+ MW-Number of applications approved • Q4.6_4: Projects 150+ MW-Number of applications withdrawn • Q4.6_5: Projects 150+ MW-Number of applications denied	NA	Raw count

Questions: Section 7	Values	Category Label
• Q7.2_1: Importance of direct economic impacts on approval decision • Q7.3_1: Importance of indirect economic effects-Generation of local construction jobs • Q7.3_2: Importance of indirect economic effects-Increased revenue and demand for local businesses and services during construction and decommissioning • Q7.3_3: Importance of indirect economic effects-Increased revenue and demand for local businesses and services • Q7.3_4: Importance of indirect economic effects-Financial benefits to the property owner leasing their land to the solar developer	2	Not at all Important
	3	Slightly Important
	4	Moderately Important
	5	Very important

VIRGINIA REGIONS

SECTION 1: SOLAR READINESS										
	A. Southwest (*n* = 11)	B. West Central (*n* =13)	C. Valley (*n* = 15)	D. Northern (*n* = 16)	E. Central (*n* = 23)	F. Southside (*n* = 17)	G. Eastern (*n* = 6)	H. Hampton Roads (*n* = 8)	*Overall Mean*	*Total n*
Q1.4_1: Interest in-- Agricultural, farmland impacts	3.00	3.62	2.93	3.25	3.39	3.94	3.50	2.63	*3.33*	*109*
Q1.4_2: Interest in-- Decommissioning	2.64	3.54	3.07	3.06	3.30	3.88	3.83	2.63	*3.27*	*109*
Q1.4_3: Interest in-- Emergency response	3.36	2.92	2.80	2.88	2.91	3.41	3.83	2.25	*3.02*	*109*
Q1.4_4: Interest in-- End users, corporate buyers, energy off-takers	2.64	3.08	2.67	3.31	2.70	3.18	2.00	2.13	*2.82*	*109*
Q1.4_5: Interest in-- Energy equity, environmental justice	**2.18**^{D}	2.62	2.53	**3.44**^{A,H}	3.09	**3.24**^{H}	2.67	**1.88**^{D,F}	*2.83*	*109*
Q1.4_6: Interest in-- Forests, timbering, carbon sequestration	2.45	3.08	2.60	3.00	2.96	**3.41**^{H}	2.83	**1.63**^{F}	*2.84*	*109*
Q1.4_7: Interest in-- Low impact development, agrivoltaics	2.73	3.38	3.13	3.31	3.13	3.41	3.00	2.13	*3.11*	*109*
Q1.4_8: Interest in-- Property values, economic benefits, taxation	3.09	3.54	3.73	3.31	3.87	4.12	3.33	2.63	*3.57*	*109*
Q1.4_9: Interest in-- Soil and water conservation and protection	3.18	3.54	3.13	3.19	3.52	**3.88**^{H}	3.67	**2.25**^{F}	*3.36*	*109*
Q1.4_10: Interest in-- Transmission, grid, energy storage, resiliency	2.55	3.00	**3.40**^{H}	3.25	3.09	3.24	2.50	1.88	*2.99*	*109*
Q1.4_11: Interest in-- Viewsheds, cultural, historic resources	2.91	3.69	3.20	3.31	3.70	3.47	3.33	3.13	*3.39*	*109*
Q1.4_12: Interest in-- Wildlife, habitat fragmentation and conservation	3.09	3.38	2.93	3.06	3.22	3.65	2.83	2.38	*3.15*	*109*
Q1.4_13: Interest in-- Landowner leases, property rights	3.00	3.38	3.00	3.06	3.22	3.47	3.33	2.50	*3.16*	*109*

VIRGINIA REGIONS

SECTION 2: RENEWABLE ENERGY PROCUREMENT										
	A. Southwest (*n* = 11)	B. West Central (*n* =13)	C. Valley (*n* = 15)	D. Northern (*n* = 13)	E. Central (*n* = 22)	F. Southside (*n* = 16)	G. Eastern (*n* = 6)	H. Hampton Roads (*n* = 8)	*Overall Mean*	*Total n*
Q2.16_1: Familiarity with solar policy mechanism Federal Investment Tax Credit	1.10	1.46	1.67	2.46	1.96	1.94	2.00	1.50	*1.80*	*104*
Q2.16_2: Familiarity with solar policy mechanism Net-metering	1.18	2.08	2.33	2.54	2.17	2.00	1.33	1.86	*2.03*	*104*
Q2.16_3: Familiarity with solar policy mechanism Virtual net-metering	1.10	1.31	1.47	1.85	1.78	1.44	1.33	1.25	*1.50*	*104*
Q2.16_4: Familiarity with solar policy mechanism Power Purchase Agreements	1.18	1.85	2.00	2.38	2.14	2.19	1.50	1.63	*1.94*	*104*
Q2.16_5: Familiarity with solar policy mechanism Shared, Community Solar	1.00	1.46	2.33	2.38	1.91	2.06	2.17	1.75	*1.92*	*103*

VIRGINIA REGIONS

SECTION 4: UTILITY SCALE SOLAR										
	A. Southwest (*n* = 2)	B. West Central (*n* = 3)	C. Valley (*n* = 5)	D. Northern (*n* = 6)	E. Central (*n* = 15)	F. Southside (*n* = 10)	G. Eastern (*n* = 6)	H. Hampton Roads (*n* = 4)	*Overall Mean*	*Total n*
Q4.3_38: Projects 500 KW up to 5 MW-Number of applications reviewed total	1.00	1.67	2.40	0.67	1.87	5.30	2.67	2.75	*2.57*	*51*
Q4.3_39: Projects 500 KW up to 5 MW-Number of applications under review	0.50	0.67	0.80	0.17	0.53	0.90	1.17	0.75	*0.69*	*51*
Q4.3_40: Projects 500 KW up to 5 MW-Number of applications approved	0.50	0.67	1.00	0.17	1.33	3.30	1.33	1.50	*1.49*	*51*
Q4.3_41: Projects 500 KW up to 5 MW-Number of applications withdrawn	0.00	0.33	0.20	0.17	0.00	0.70	0.33	0.00	*0.24*	*51*
Q4.3_42: Projects 500 KW up to 5 MW-Number of applications denied	0.00	0.33	0.20	0.33	0.07	0.60	0.00	0.50	*0.25*	*51*
Q4.4_1: Projects 5-79 MW-Number of applications reviewed total	0.00	2.67	**0.4**[H]	**1.17**[H]	**1.53**[H]	2.80	2.17	**10.00**[C,D,E]	*2.37*	*51*
Q4.4_2: Projects 5-79 MW-Number of applications under review	0.00	0.00	0.00	0.17	0.27	0.10	0.17	0.50	*0.18*	*51*
Q4.4_5: Projects 5-79 MW-Number of applications approved	0.00	2.00	0.20	0.50	1.33	2.20	1.83	2.75	*1.45*	*51*
Q4.4_3: Projects 5-79 MW-Number of applications withdrawn	0.00	0.67	0.00	0.33	0.00	0.20	0.33	0.00	*0.16*	*51*
Q4.4_4: Projects 5-79 MW-Number of applications denied	0.00	0.00	0.20	0.17	0.00	0.40	0.00	0.00	*0.12*	*51*
Q4.5_1: Projects 80-149 MW-Number of applications reviewed total	0.00	0.33	0.80	0.67	**0.2**[F]	**2.00**[E]	0.50	0.25	*0.71*	*51*

SECTION 4: UTILITY SCALE SOLAR										
Q4.5_2: Projects 80-149 MW-Number of applications under review	0.00	0.00	0.00	0.00	0.13	0.00	0.17	0.00	*0.06*	*51*
Q4.5_3: Projects 80-149 MW-Number of applications approved	0.00	0.33	0.40	0.17	0.07	1.40	0.33	0.25	*0.43*	*51*
Q4.5_4: Projects 80-149 MW-Number of applications withdrawn	0.00	0.00	0.20	0.33	0.07	0.40	0.00	0.00	*0.16*	*51*
Q4.5_5: Projects 80-149 MW-Number of applications denied	0.00	0.00	0.20	0.17	0.00	0.10	0.00	0.00	*0.06*	*51*
Q4.6_1: Projects 150+ MW-Number of applications reviewed total	0.00	0.33	0.20	0.17	0.27	1.00	0.00	0.25	*0.35*	*51*
Q4.6_2: Projects 150+ MW-Number of applications under review	0.00	0.00	0.00	0.00	0.07	0.30	0.00	0.00	*0.08*	*51*
Q4.6_3: Projects 150+ MW-Number of applications approved	0.00	0.33	0.00	0.17	0.20	0.40	0.00	0.25	*0.20*	*51*
Q4.6_4: Projects 150+ MW-Number of applications withdrawn	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	*0.06*	*51*
Q4.6_5: Projects 150+ MW-Number of applications denied	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	*0.02*	*51*

VIRGINIA REGIONS

SECTION 7: ECONOMIC CONSIDERATIONS										
	A. Southwest (*n* = 4)	B. West Central (*n* =9)	C. Valley (*n* = 10)	D. Northern (*n* = 11)	E. Central (*n* = 19)	F. Southside (*n* = 15)	G. Eastern (*n* = 6)	H. Hampton Roads (*n* = 5)	*Overall Mean*	*Total n*
Q7.2_1: Importance of direct economic impacts on approval decision	3.50	4.22	3.90	**3.27**[F]	4.26	**4.53**[D]	4.33	3.20	*4.03*	*79*
Q7.3_1: Importance of indirect economic effects-Generation of local construction jobs	3.83	3.70	3.33	**2.58**[F]	3.47	**4.00**[D]	3.60	2.75	*3.44*	*80*
Q7.3_2: Importance of indirect economic effects-Increased revenue and demand for local businesses and services during construction and decommissioning	**4.20**[D]	3.67	3.17	**2.67**[A]	3.56	3.85	3.50	2.40	*3.38*	*78*
Q7.3_3: Importance of indirect economic effects-Increased revenue and demand for local businesses and services	4.00	**4.11**[D,H]	3.63	**2.90**[B]	3.28	3.92	2.75	**2.60**[B]	*3.46*	*76*
Q7.3_4: Importance of indirect economic effects-Financial benefits to the property owner leasing their land to the solar developer	3.40	3.38	3.00	2.67	2.89	3.31	2.80	3.20	*3.05*	75

COMMUNITY CLASSIFICATION (URBANICITY)

SECTION 1: SOLAR READINESS						
	A. Urban (*n* =19)	B. Suburban (*n* =11)	C. Rural (*n* =49)	D. Combination (*n* =30)	*Overall Mean*	*Total n*
Q1.4_1: Interest in-- Agricultural, farmland impacts	**1.63**^{C}	2.27	**2.90**^{A}	2.57	*2.52*	*109*
Q1.4_2: Interest in-- Decommissioning	**1.79**^{C,D}	2.64	**2.73**^{A}	**2.90**^{A}	*2.61*	*109*
Q1.4_3: Interest in-- Emergency response	2.16	2.82	2.84	2.87	*2.72*	*109*
Q1.4_4: Interest in-- End users, corporate buyers, energy off-takers	2.32	2.36	2.63	2.80	*2.60*	*109*
Q1.4_5: Interest in-- Energy equity, environmental justice	2.21	2.18	2.78	2.73	*2.61*	*109*
Q1.4_6: Interest in-- Forests, timbering, carbon sequestration	**1.68**^{C,D}	**2.09**^{D}	**2.80**^{A}	**3.13**^{A,B}	*2.62*	*109*
Q1.4_7: Interest in-- Low impact development, agrivoltaics	**2.16**^{C,D}	2.64	**2.90**^{A}	**3.30**^{A}	*2.85*	*109*
Q1.4_8: Interest in-- Property values, economic benefits, taxation	2.16	3.00	2.92	3.07	*2.83*	*109*
Q1.4_9: Interest in-- Soil and water conservation and protection	**2.05**^{D}	2.64	2.80	**3.10**^{A}	*2.73*	*109*
Q1.4_10: Interest in-- Transmission, grid, energy storage, resiliency	2.16	2.45	2.80	2.83	*2.66*	*109*
Q1.4_11: Interest in-- Viewsheds, cultural, historic resources	2.32	2.82	2.98	3.10	*2.88*	*109*
Q1.4_12: Interest in-- Wildlife, habitat fragmentation and conservation	**2.00**^{C,D}	3.00	**3.10**^{A}	**3.07**^{A}	*2.89*	*109*
Q1.4_13: Interest in-- Landowner leases, property rights	2.21	2.82	2.90	2.83	*2.75*	*109*

COMMUNITY CLASSIFICATION (URBANICITY)

SECTION 2: RENEWABLE ENERGY PROCUREMENT						
	A. Urban	B. Suburban	C. Rural	D. Combination	*Overall Mean*	*Total n*
Q2.16_1: Familiarity with solar policy mechanism Federal Investment Tax Credit	2.00	2.27	1.57	1.86	*1.80*	*104*
Q2.16_2: Familiarity with solar policy mechanism Net-metering	2.11	2.30	1.79	2.29	*2.03*	*104*
Q2.16_3: Familiarity with solar policy mechanism Virtual net-metering	1.50	1.64	1.36	1.68	*1.50*	*104*
Q2.16_4: Familiarity with solar policy mechanism Power Purchase Agreements	2.11	2.36	1.60	2.26	*1.94*	*104*
Q2.16_5: Familiarity with solar policy mechanism Shared, Community Solar	1.89	2.09	1.78	2.11	*1.92*	*103*

COMMUNITY CLASSIFICATION (URBANICITY)

SECTION 4: UTILITY SCALE SOLAR						
	A. Urban (*n* =1)	B. Suburban (*n* =2)	C. Rural (*n* =28)	D. Combination (*n* =20)	*Overall Mean*	*Total n*
Q4.3_38: Projects 500 KW up to 5 MW-Number of applications reviewed total	0.00	1.50	3.25	1.85	*2.57*	*51*
Q4.3_39: Projects 500 KW up to 5 MW-Number of applications under review	0.00	1.50	0.71	0.60	*0.69*	*51*
Q4.3_40: Projects 500 KW up to 5 MW-Number of applications approved	0.00	0.00	2.07	0.90	*1.49*	*51*
Q4.3_41: Projects 500 KW up to 5 MW-Number of applications withdrawn	0.00	0.00	0.39	0.05	*0.24*	*51*
Q4.3_42: Projects 500 KW up to 5 MW-Number of applications denied	0.00	0.00	0.25	0.30	*0.25*	*51*
Q4.4_1: Projects 5-79 MW-Number of applications reviewed total	0.00	3.00	1.96	3.00	*2.37*	*51*
Q4.4_2: Projects 5-79 MW-Number of applications under review	0.00	0.00	0.11	0.30	*0.18*	*51*
Q4.4_5: Projects 5-79 MW-Number of applications approved	0.00	3.00	1.68	1.05	*1.45*	*51*
Q4.4_3: Projects 5-79 MW-Number of applications withdrawn	0.00	0.00	0.18	0.15	*0.16*	*51*
Q4.4_4: Projects 5-79 MW-Number of applications denied	0.00	0.00	0.11	0.15	*0.12*	*51*
Q4.5_1: Projects 80-149 MW-Number of applications reviewed total	0.00	0.50	0.89	0.50	*0.71*	*51*
Q4.5_2 Projects 80-149 MW-Number of applications under review	0.00	0.00	0.04	0.10	*0.06*	*51*
Q4.5_3: Projects 80-149 MW-Number of applications approved	0.00	0.50	0.61	0.20	*0.43*	*51*
Q4.5_4: Projects 80-149 MW-Number of applications withdrawn	0.00	0.00	0.14	0.20	*0.16*	*51*
Q4.5_5: Projects 80-149 MW-Number of applications denied	0.00	0.00	0.07	0.05	*0.06*	*51*
Q4.6_1: Projects 150+ MW-Number of applications reviewed total	0.00	0.00	0.43	0.30	*0.35*	*51*
Q4.6_2: Projects 150+ MW-Number of applications under review	0.00	0.00	0.11	0.05	*0.08*	*51*
Q4.6_3: Projects 150+ MW-Number of applications approved	0.00	0.00	0.21	0.20	*0.20*	*51*
Q4.6_4: Projects 150+ MW-Number of applications withdrawn	0.00	0.00	0.11	0.00	*0.06*	*51*
Q4.6_5: Projects 150+ MW-Number of applications denied	0.00	0.00	0.00	0.05	*0.02*	*51*

**Note: This table does not contain significance testing due to small N categories*

COMMUNITY CLASSIFICATION (URBANICITY)

SECTION 7: ECONOMIC CONSIDERATIONS						
	A. Urban	B. Suburban	C. Rural	D. Combination	*Overall Mean*	*Total n*
Q7.2_1: Importance of direct economic impacts on approval decision	3.73	3.43	4.26	3.95	*4.03*	*79*
Q7.3_1: Importance of indirect economic effects-Generation of local construction jobs	3.64	**2.43[C]**	**3.66[B]**	3.29	*3.44*	*80*
Q7.3_2: Importance of indirect economic effects-Increased revenue and demand for local businesses and services during construction and decommissioning	3.45	**2.43[C]**	**3.73[B]**	3.09	*3.38*	*78*
Q7.3_3: Importance of indirect economic effects-Increased revenue and demand for local businesses and services	3.55	3.14	3.62	3.24	*3.46*	*76*
Q7.3_4: Importance of indirect economic effects-Financial benefits to the property owner leasing their land to the solar developer	3.20	3.17	2.94	3.13	*3.05*	*75*

ELECTRIC SERVICE PROVIDER

SECTION 1: SOLAR READINESS					
	A. Dominion only (*n* =67)	B. Apco only (*n* =22)	C. Neither (*n* =16)	*Overall Mean*	*Total n*
Q1.4_1: Interest in-- Agricultural, farmland impacts	3.40	3.50	2.56	*3.30*	*105*
Q1.4_2: Interest in-- Decommissioning	3.34	3.23	2.75	*3.23*	*105*
Q1.4_3: Interest in-- Emergency response	3.01	3.00	2.94	*3.00*	*105*
Q1.4_4: Interest in-- End users, corporate buyers, energy off-takers	2.75	2.91	3.00	*2.82*	*105*
Q1.4_5: Interest in-- Energy equity, environmental justice	2.82	2.64	2.94	*2.80*	*105*
Q1.4_6: Interest in-- Forests, timbering, carbon sequestration	2.90	2.95	2.37	*2.83*	*105*
Q1.4_7: Interest in-- Low impact development, agrivoltaics	3.06	3.09	3.31	*3.10*	*105*
Q1.4_8: Interest in-- Property values, economic benefits, taxation	3.57	3.41	3.69	*3.55*	*105*
Q1.4_9: Interest in-- Soil and water conservation and protection	3.34	3.41	3.19	*3.33*	*105*
Q1.4_10: Interest in-- Transmission, grid, energy storage, resiliency	2.96	3.00	3.25	*3.01*	*105*
Q1.4_11: Interest in-- Viewsheds, cultural, historic resources	3.40	3.41	3.25	*3.38*	*105*
Q1.4_12 Interest in-- Wildlife, habitat fragmentation and conservation	3.13	3.27	2.88	*3.12*	*105*
Q1.4_13: Interest in-- Landowner leases, property rights	3.12	3.36	3.06	*3.16*	*105*

ELECTRIC SERVICE PROVIDER

SECTION 2: RENEWABLE ENERGY PROCUREMENT					
	A. Dominion (*n* =64)	B. Apco (*n* =22)	C. Neither (*n* =15)	*Overall Mean*	*Total n*
Q2.16_1: Familiarity with solar policy mechanism Federal Investment Tax Credit	**2.00[B]**	**1.24[A]**	1.67	*1.79*	*100*
Q2.16_2: Familiarity with solar policy mechanism Net-metering	2.03	1.86	2.20	*2.02*	*100*
Q2.16_3: Familiarity with solar policy mechanism Virtual net-metering	1.56	1.29	1.40	*1.48*	*100*
Q2.16_4: Familiarity with solar policy mechanism Power Purchase Agreements	2.08	1.45	2.07	*1.94*	*101*
Q2.16_5: Familiarity with solar policy mechanism Shared, Community Solar	**2.28[B,C]**	**1.15[A]**	**1.47[A]**	*1.93*	*99*

SECTION 4: UTILITY SCALE SOLAR					
	A. Dominion (*n* =41)	B. Apco (*n* =4)	C. Neither (*n* =3)	*Overall Mean*	*Total n*
Q4.3_38: Projects 500 KW up to 5 MW-Number of applications reviewed total	2.46	1.75	1.00	*2.31*	*48*
Q4.3_39: Projects 500 KW up to 5 MW-Number of applications under review	0.71	0.75	0.00	*0.67*	*48*
Q4.3_40: Projects 500 KW up to 5 MW-Number of applications approved	1.32	1.00	0.67	*1.25*	*48*
Q4.3_41 Projects 500 KW up to 5 MW-Number of applications withdrawn	0.29	0.00	0.00	*0.25*	*48*
Q4.3_42: Projects 500 KW up to 5 MW-Number of applications denied	0.27	0.00	0.33	*0.25*	*48*
Q4.4_1: Projects 5-79 MW-Number of applications reviewed total	2.41	1.25	1.00	*2.23*	*48*
Q4.4_2: Projects 5-79 MW-Number of applications under review	0.22	0.00	0.00	*0.19*	*48*
Q4.4_5: Projects 5-79 MW-Number of applications approved	1.34	0.75	0.67	*1.25*	*48*
Q4.4_3: Projects 5-79 MW-Number of applications withdrawn	0.17	0.25	0.00	*0.17*	*48*
Q4.4_4: Projects 5-79 MW-Number of applications denied	0.10	0.25	0.33	*0.13*	*48*
Q4.5_1: Projects 80-149 MW-Number of applications reviewed total	0.73	0.00	1.00	*0.69*	*48*
Q4.5_2: Projects 80-149 MW-Number of applications under review	0.07	0.00	0.00	*0.06*	*48*
Q4.5_3: Projects 80-149 MW-Number of applications approved	0.41	0.00	0.67	*0.40*	*48*
Q4.5_4: Projects 80-149 MW-Number of applications withdrawn	0.20	0.00	0.00	*0.17*	*48*
Q4.5_5: Projects 80-149 MW-Number of applications denied	0.05	0.00	0.33	*0.06*	*48*
Q4.6_1: Projects 150+ MW-Number of applications reviewed total	0.34	0.50	0.00	*0.33*	*48*
Q4.6_2: Projects 150+ MW-Number of applications under review	0.10	0.00	0.00	*0.08*	*48*
Q4.6_3: Projects 150+ MW-Number of applications approved	0.15	0.50	0.00	*0.17*	*48*
Q4.6_4: Projects 150+ MW-Number of applications withdrawn	0.07	0.00	0.00	*0.06*	*48*
Q4.6_5: Projects 150+ MW-Number of applications denied	0.02	0.00	0.00	*0.02*	*48*

ELECTRIC SERVICE PROVIDER

SECTION 7: ECONOMIC CONSIDERATIONS					
	A. Dominion (*n* =51)	B. Apco (*n* =15)	C. Neither (*n* =12)	*Overall Mean*	*Total n*
Q7.2_1: Importance of direct economic impacts on approval decision	4.08	4.08	4.00	*4.07*	*76*
Q7.3_1: Importance of indirect economic effects-Generation of local construction jobs	3.38	3.87	3.42	*3.48*	*77*
Q7.3_2: Importance of indirect economic effects-Increased revenue and demand for local businesses and services during construction and decommissioning	**3.24**[B]	**4.08**[A]	3.50	*3.43*	*75*
Q7.3_3: Importance of indirect economic effects-Increased revenue and demand for local businesses and services	3.33	4.08	3.50	*3.49*	*73*
Q7.3_4: Importance of indirect economic effects-Financial benefits to the property owner leasing their land to the solar developer	3.08	3.25	2.90	*3.08*	*72*

**NOTE: Means tables were not run for population size.*

EXPERIENCE WITH SOLAR

SECTION 1: SOLAR READINESS	A. No Experience (*n* = 29)	B. Little Experience (*n* = 25)	C. Moderate Experience (*n* = 24)	D. Much Experience (*n* = 31)	*Overall Mean*	*Total n*
Q1.4_1: Interest in-- Agricultural, farmland impacts	**2.66**[D]	3.52	3.25	**3.87**[A]	*3.33*	*109*
Q1.4_2: Interest in-- Decommissioning	**2.76**[D]	3.20	3.33	**3.74**[A]	*3.27*	*109*
Q1.4_3: Interest in-- Emergency response	2.69	3.00	3.00	3.35	*3.02*	*109*
Q1.4_4: Interest in-- End users, corporate buyers, energy off-takers	2.52	3.08	2.83	2.87	*2.82*	*109*
Q1.4_5: Interest in-- Energy equity, environmental justice	2.41	2.92	2.92	3.06	*2.83*	*109*
Q1.4_6: Interest in-- Forests, timbering, carbon sequestration	**2.41**[D]	2.92	**3.58**[D]	**3.39**[A, C]	*2.84*	*109*
Q1.4_7: Interest in-- Low impact development, agrivoltaics	2.76	3.32	3.08	3.29	*3.11*	*109*
Q1.4_8: Interest in-- Property values, economic benefits, taxation	3.17	3.88	3.58	3.68	*3.57*	*109*
Q1.4_9: Interest in-- Soil and water conservation and protection	2.97	3.44	3.46	3.58	*3.36*	*109*
Q1.4_10: Interest in-- Transmission, grid, energy storage, resiliency	2.83	3.12	3.00	3.03	*2.99*	*109*
Q1.4_11: Interest in-- Viewsheds, cultural, historic resources	**2.97**[B]	**3.72**[A]	3.42	3.52	*3.39*	*109*
Q1.4_12: Interest in-- Wildlife, habitat fragmentation and conservation	2.72	3.36	3.04	3.45	*3.15*	*109*
Q1.4_13: Interest in-- Landowner leases, property rights	3.00	3.32	2.92	3.35	*3.16*	*109*

EXPERIENCE WITH SOLAR

SECTION 2: RENEWABLE ENERGY PROCUREMENT						
	A. No Experience	B. Little Experience	C. Moderate Experience	D. Much Experience	*Overall Mean*	*Total n*
Q2.16_1: Familiarity with solar policy mechanism Federal Investment Tax Credit	**1.50[D]**	1.59	1.75	**2.27[A]**	*1.80*	*104*
Q2.16_2: Familiarity with solar policy mechanism Net-metering	1.75	2.09	1.74	2.45	*2.03*	*104*
Q2.16_3: Familiarity with solar policy mechanism Virtual net-metering	1.26	1.32	1.46	1.87	*1.50*	*104*
Q2.16_4: Familiarity with solar policy mechanism Power Purchase Agreements	**1.57[D]**	1.77	1.96	**2.40[A]**	*1.94*	*104*
Q2.16_5: Familiarity with solar policy mechanism Shared, Community Solar	1.59	**1.40[C,D]**	**2.25[B]**	**2.33[B]**	*1.92*	*103*

SECTION 4: UTILITY SCALE SOLAR						
	A. No Experience (*n* = 0)	B. Little Experience (*n* = 7)	C. Moderate Experience (*n* = 18)	D. Much Experience (*n* = 26)	*Overall Mean*	*Total n*
Q4.3_38: Projects 500 KW up to 5 MW-Number of applications reviewed total	NA	1.29	2.44	3.00	*2.57*	*51*
Q4.3_39: Projects 500 KW up to 5 MW-Number of applications under review	NA	0.29	0.67	0.81	*0.69*	*51*
Q4.3_40: Projects 500 KW up to 5 MW-Number of applications approved	NA	0.86	1.33	1.77	*1.49*	*51*
Q4.3_41: Projects 500 KW up to 5 MW-Number of applications withdrawn	NA	0.00	0.17	0.35	*0.24*	*51*
Q4.3_42: Projects 500 KW up to 5 MW-Number of applications denied	NA	0.29	0.28	0.23	*0.25*	*51*
Q4.4_1: Projects 5-79 MW-Number of applications reviewed total	NA	0.14	2.17	3.12	*2.37*	*51*
Q4.4_2: Projects 5-79 MW-Number of applications under review	NA	0.00	0.28	0.15	*0.18*	*51*
Q4.4_5: Projects 5-79 MW-Number of applications approved	NA	0.14	1.56	1.73	*1.45*	*51*
Q4.4_3: Projects 5-79 MW-Number of applications withdrawn	NA	0.00	0.17	0.19	*0.16*	*51*
Q4.4_4: Projects 5-79 MW-Number of applications denied	NA	0.00	0.17	0.12	*0.12*	*51*
Q4.5_1: Projects 80-149 MW-Number of applications reviewed total	NA	0.29	0.78	0.77	*0.71*	*51*
Q4.5_2: Projects 80-149 MW-Number of applications under review	NA	0.14	0.06	0.04	*0.06*	*51*
Q4.5_3: Projects 80-149 MW-Number of applications approved	NA	0.14	0.44	0.50	*0.43*	*51*
Q4.5_4: Projects 80-149 MW-Number of applications withdrawn	NA	0.14	0.22	0.12	*0.16*	*51*
Q4.5_5: Projects 80-149 MW-Number of applications denied	NA	0.00	0.06	0.08	*0.06*	*51*
Q4.6_1: Projects 150+ MW-Number of applications reviewed total	NA	0.14	0.28	0.46	*0.35*	*51*
Q4.6_2: Projects 150+ MW-Number of applications under review	NA	0.00	0.06	0.12	*0.08*	*51*
Q4.6_3: Projects 150+ MW-Number of applications approved	NA	0.14	0.17	0.23	*0.20*	*51*
Q4.6_4: Projects 150+ MW-Number of applications withdrawn	NA	0.00	0.00	0.12	*0.06*	*51*
Q4.6_5: Projects 150+ MW-Number of applications denied	NA	0.00	0.06	0.00	*0.02*	*51*

SECTION 7: ECONOMIC CONSIDERATIONS						
	A. No Experience	B. Little Experience	C. Moderate Experience	D. Much Experience	*Overall Mean*	*Total n*
Q7.2_1: Importance of direct economic impacts on approval decision	3.95	4.06	3.87	4.15	*4.02*	*79*
Q7.3_1: Importance of indirect economic effects-Generation of local construction jobs	3.30	3.78	3.19	3.46	*3.44*	*80*
Q7.3_2: Importance of indirect economic effects-Increased revenue and demand for local businesses and services during construction and decommissioning	3.33	3.67	3.13	3.39	*3.39*	*78*
Q7.3_3: Importance of indirect economic effects-Increased revenue and demand for local businesses and services	3.50	3.72	3.33	3.30	*3.46*	*76*
Q7.3_4: Importance of indirect economic effects-Financial benefits to the property owner leasing their land to the solar developer	3.10	3.06	3.07	3.00	*3.05*	*75*

SECTION IV: ANALYSIS OF CROSS TABULAR DATA

VIRGINIA REGIONS

CROSS TABULAR ANALYSIS

Virginia Solar Survey

APRIL 2022

Q1.1 Updating solar policies * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	7.00 Southside	8.00 Eastern	9.00 Hampton Roads	
Q1.1 Updating solar policies	1 Yes, update is in progress	Count	3	3	8	6	9	8	0	3	40
		% within demoregion Demographics Unit Regions	27.3%	23.1%	53.3%	37.5%	39.1%	47.1%	0.0%	37.5%	36.7%
	2 No, not at this time	Count	3	3	2	1	2	2	3	2	18
		% within demoregion Demographics Unit Regions	27.3%	23.1%	13.3%	6.3%	8.7%	11.8%	50.0%	25.0%	16.5%
	3 No, but it is on our radar to do so	Count	3	5	3	4	4	2	2	2	25
		% within demoregion Demographics Unit Regions	27.3%	38.5%	20.0%	25.0%	17.4%	11.8%	33.3%	25.0%	22.9%
	4 No, we have already updated our solar policies, regulations, and/or application and permitting processes	Count	2	2	2	5	8	5	1	1	26
		% within demoregion Demographics Unit Regions	18.2%	15.4%	13.3%	31.3%	34.8%	29.4%	16.7%	12.5%	23.9%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Q1.2_1-1.2_13*$resources*demoregion Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
$resources Resources to develop policy.[a]	Q1.2_1 Resources to develop policy - Other Virginia localities	Count	4	8	11	9	20	12	2	4	70
		% within demoregion	50.0%	80.0%	84.6%	60.0%	95.2%	80.0%	66.7%	66.7%	
	Q1.2_2 Resources to develop policy - Planning District Commission	Count	3	4	3	3	2	4	1	4	24
		% within demoregion	37.5%	40.0%	23.1%	20.0%	9.5%	26.7%	33.3%	66.7%	
	Q1.2_3 Resources to develop policy - Membership Associations	Count	2	4	4	5	10	6	2	6	39
		% within demoregion	25.0%	40.0%	30.8%	33.3%	47.6%	40.0%	66.7%	100.0%	
	Q1.2_4 Resources to develop policy- Local Extension Office and/or Soil & Water Conservation District	Count	0	0	1	1	2	1	0	0	5
		% within demoregion	0.0%	0.0%	7.7%	6.7%	9.5%	6.7%	0.0%	0.0%	
	Q1.2_5 Resources to develop policy- State agencies	Count	0	1	4	5	7	6	0	3	26
		% within demoregion	0.0%	10.0%	30.8%	33.3%	33.3%	40.0%	0.0%	50.0%	
	Q1.2_6 Resources to develop policy- Institutions of higher education	Count	1	2	2	3	5	3	2	0	18
		% within demoregion	12.5%	20.0%	15.4%	20.0%	23.8%	20.0%	66.7%	0.0%	
	Q1.2_7 Resources to develop policy- Private consultants	Count	0	0	5	3	9	10	1	0	28
		% within demoregion	0.0%	0.0%	38.5%	20.0%	42.9%	66.7%	33.3%	0.0%	
	Q1.2_8 Resources to develop policy- Solar industry professionals	Count	2	4	8	7	9	4	2	3	39
		% within demoregion	25.0%	40.0%	61.5%	46.7%	42.9%	26.7%	66.7%	50.0%	
	Q1.2_9 Resources to develop policy- Nonprofits and advocacy groups	Count	2	0	2	5	2	0	0	1	12
		% within demoregion	25.0%	0.0%	15.4%	33.3%	9.5%	0.0%	0.0%	16.7%	
	Q1.2_10 Resources to develop policy- National research entities and agencies	Count	0	2	1	6	4	0	0	1	14
		% within demoregion	0.0%	20.0%	7.7%	40.0%	19.0%	0.0%	0.0%	16.7%	
	Q1.2_11 Resources to develop policy- Utilities	Count	0	0	3	4	6	3	1	1	18
		% within demoregion	0.0%	0.0%	23.1%	26.7%	28.6%	20.0%	33.3%	16.7%	
	Q1.2_13 Resources to develop policy- None	Count	1	1	1	2	0	0	0	0	5
		% within demoregion	12.5%	10.0%	7.7%	13.3%	0.0%	0.0%	0.0%	0.0%	
	Q1.2_12 Resources to develop policy- Other	Count	1	0	3	6	1	1	1	1	14
		% within demoregion	12.5%	0.0%	23.1%	40.0%	4.8%	6.7%	33.3%	16.7%	
Total		Count	8	10	13	15	21	15	3	6	91

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q1.3_1-1.3_10*$training*demoregion Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
$training Training-tech assistance.[a]	Q1.3_1 Training/tech assistance- Solar basics	Count	9	5	6	3	10	7	1	2	43
		% within demoregion	81.8%	38.5%	40.0%	18.8%	43.5%	41.2%	16.7%	25.0%	
	Q1.3_2 Training/tech assistance- Technical assistance	Count	6	8	7	9	15	9	2	1	57
		% within demoregion	54.5%	61.5%	46.7%	56.3%	65.2%	52.9%	33.3%	12.5%	
	Q1.3_3 Training/tech assistance- Identification of previously disturbed land, brownfields or coal-impacted lands	Count	1	3	2	3	6	7	1	1	24
		% within demoregion	9.1%	23.1%	13.3%	18.8%	26.1%	41.2%	16.7%	12.5%	
	Q1.3_4 Training/tech assistance- SolSmart Advisors Program	Count	4	2	2	2	10	4	0	0	24
		% within demoregion	36.4%	15.4%	13.3%	12.5%	43.5%	23.5%	0.0%	0.0%	
	Q1.3_5 Training/tech assistance- Energy procurement	Count	1	4	2	6	10	4	1	0	28
		% within demoregion	9.1%	30.8%	13.3%	37.5%	43.5%	23.5%	16.7%	0.0%	
	Q1.3_6 Training/tech assistance- Tax and economic impact assessment	Count	3	7	8	6	15	10	3	1	53
		% within demoregion	27.3%	53.8%	53.3%	37.5%	65.2%	58.8%	50.0%	12.5%	
	Q1.3_7 Training/tech assistance- Low impact development	Count	2	5	6	3	13	6	0	2	37
		% within demoregion	18.2%	38.5%	40.0%	18.8%	56.5%	35.3%	0.0%	25.0%	
	Q1.3_10 Training/tech assistance- Locality best practices	Count	7	10	8	10	19	11	4	3	72
		% within demoregion	63.6%	76.9%	53.3%	62.5%	82.6%	64.7%	66.7%	37.5%	
	Q1.3_9 Training/tech assistance- No, not interested	Count	3	1	3	3	1	2	0	3	16
		% within demoregion	27.3%	7.7%	20.0%	18.8%	4.3%	11.8%	0.0%	37.5%	
	Q1.3_8 Training/tech assistance- Other	Count	0	0	0	4	1	2	2	2	11
		% within demoregion	0.0%	0.0%	0.0%	25.0%	4.3%	11.8%	33.3%	25.0%	
Total		Count	11	13	15	16	23	17	6	8	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q1.4_1 Interest in-- Agricultural, farmland impacts * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q1.4_1 Interest in-- Agricultural, farmland impacts	1 No interest	Count	2	1	4	3	3	1	1	4	19
		% within demoregion Demographics Unit Regions	18.2%	7.7%	26.7%	18.8%	13.0%	5.9%	16.7%	50.0%	17.4%
	2 Minimal Interest	Count	1	0	2	0	2	1	0	0	6
		% within demoregion Demographics Unit Regions	9.1%	0.0%	13.3%	0.0%	8.7%	5.9%	0.0%	0.0%	5.5%
	3 Some Interest	Count	5	3	2	5	6	3	1	1	26
		% within demoregion Demographics Unit Regions	45.5%	23.1%	13.3%	31.3%	26.1%	17.6%	16.7%	12.5%	23.9%
	4 A lot of Interest	Count	1	8	5	6	7	5	3	1	36
		% within demoregion Demographics Unit Regions	9.1%	61.5%	33.3%	37.5%	30.4%	29.4%	50.0%	12.5%	33.0%
	5 The Most Interest	Count	2	1	2	2	5	7	1	2	22
		% within demoregion Demographics Unit Regions	18.2%	7.7%	13.3%	12.5%	21.7%	41.2%	16.7%	25.0%	20.2%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	29.288[a]	28	0.398
Likelihood Ratio	29.693	28	0.378
Linear-by-Linear Association	0.190	1	0.663
N of Valid Cases	109		

a. 36 cells (90.0%) have expected count less than 5. The minimum expected count is .33.

Q1.4_2 Interest in-- Decommissioning * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q1.4_2 Interest in-- Decommissioning	1 No interest	Count	3	1	2	3	2	0	0	4	15
		% within demoregion Demographics Unit Regions	27.3%	7.7%	13.3%	18.8%	8.7%	0.0%	0.0%	50.0%	13.8%
	2 Minimal Interest	Count	1	1	3	2	3	2	1	0	13
		% within demoregion Demographics Unit Regions	9.1%	7.7%	20.0%	12.5%	13.0%	11.8%	16.7%	0.0%	11.9%
	3 Some Interest	Count	5	4	5	3	6	3	0	1	27
		% within demoregion Demographics Unit Regions	45.5%	30.8%	33.3%	18.8%	26.1%	17.6%	0.0%	12.5%	24.8%
	4 A lot of Interest	Count	1	4	2	7	10	7	4	1	36
		% within demoregion Demographics Unit Regions	9.1%	30.8%	13.3%	43.8%	43.5%	41.2%	66.7%	12.5%	33.0%
	5 The Most Interest	Count	1	3	3	1	2	5	1	2	18
		% within demoregion Demographics Unit Regions	9.1%	23.1%	20.0%	6.3%	8.7%	29.4%	16.7%	25.0%	16.5%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	33.792[a]	28	0.208
Likelihood Ratio	36.825	28	0.123
Linear-by-Linear Association	1.157	1	0.282
N of Valid Cases	109		

a. 36 cells (90.0%) have expected count less than 5. The minimum expected count is .72.

VIRGINIA REGIONS

SOLAR READINESS

Q1.4_3 Interest in-- Emergency response * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q1.4_3 Interest in-- Emergency response	1 No interest	Count	1	1	2	0	2	0	0	2	8
		% within demoregion Demographics Unit Regions	9.1%	7.7%	13.3%	0.0%	8.7%	0.0%	0.0%	25.0%	7.3%
	2 Minimal Interest	Count	1	4	4	6	5	4	1	2	27
		% within demoregion Demographics Unit Regions	9.1%	30.8%	26.7%	37.5%	21.7%	23.5%	16.7%	25.0%	24.8%
	3 Some Interest	Count	4	4	5	6	9	5	0	4	37
		% within demoregion Demographics Unit Regions	36.4%	30.8%	33.3%	37.5%	39.1%	29.4%	0.0%	50.0%	33.9%
	4 A lot of Interest	Count	3	3	3	4	7	5	4	0	29
		% within demoregion Demographics Unit Regions	27.3%	23.1%	20.0%	25.0%	30.4%	29.4%	66.7%	0.0%	26.6%
	5 The Most Interest	Count	2	1	1	0	0	3	1	0	8
		% within demoregion Demographics Unit Regions	18.2%	7.7%	6.7%	0.0%	0.0%	17.6%	16.7%	0.0%	7.3%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	27.398[a]	28	0.497
Likelihood Ratio	34.070	28	0.199
Linear-by-Linear Association	0.045	1	0.833
N of Valid Cases	109		

a. 34 cells (85.0%) have expected count less than 5. The minimum expected count is .44.

Q1.4_4 Interest in-- End users, corporate buyers, energy off-takers * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q1.4_4 Interest in-- End users, corporate buyers, energy off-takers	1 No interest	Count	1	0	3	0	4	0	2	4	14
		% within demoregion Demographics Unit Regions	9.1%	0.0%	20.0%	0.0%	17.4%	0.0%	33.3%	50.0%	12.8%
	2 Minimal Interest	Count	4	4	2	4	4	5	3	1	27
		% within demoregion Demographics Unit Regions	36.4%	30.8%	13.3%	25.0%	17.4%	29.4%	50.0%	12.5%	24.8%
	3 Some Interest	Count	4	5	8	5	10	6	0	1	39
		% within demoregion Demographics Unit Regions	36.4%	38.5%	53.3%	31.3%	43.5%	35.3%	0.0%	12.5%	35.8%
	4 A lot of Interest	Count	2	3	1	5	5	4	1	2	23
		% within demoregion Demographics Unit Regions	18.2%	23.1%	6.7%	31.3%	21.7%	23.5%	16.7%	25.0%	21.1%
	5 The Most Interest	Count	0	1	1	2	0	2	0	0	6
		% within demoregion Demographics Unit Regions	0.0%	7.7%	6.7%	12.5%	0.0%	11.8%	0.0%	0.0%	5.5%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	34.889[a]	28	0.173
Likelihood Ratio	41.042	28	0.053
Linear-by-Linear Association	1.341	1	0.247
N of Valid Cases	109		

a. 35 cells (87.5%) have expected count less than 5. The minimum expected count is .33.

Q1.4_5 Interest in-- Energy equity, environmental justice * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q1.4_5 Interest in-- Energy equity, environmental justice	1 No interest	Count	2	1	5	0	1	0	1	4	14
		% within demoregion Demographics Unit Regions	18.2%	7.7%	33.3%	0.0%	4.3%	0.0%	16.7%	50.0%	12.8%
	2 Minimal Interest	Count	5	5	3	3	4	3	1	3	27
		% within demoregion Demographics Unit Regions	45.5%	38.5%	20.0%	18.8%	17.4%	17.6%	16.7%	37.5%	24.8%
	3 Some Interest	Count	4	5	1	6	11	8	3	0	38
		% within demoregion Demographics Unit Regions	36.4%	38.5%	6.7%	37.5%	47.8%	47.1%	50.0%	0.0%	34.9%
	4 A lot of Interest	Count	0	2	6	4	6	5	1	0	24
		% within demoregion Demographics Unit Regions	0.0%	15.4%	40.0%	25.0%	26.1%	29.4%	16.7%	0.0%	22.0%
	5 The Most Interest	Count	0	0	0	3	1	1	0	1	6
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	18.8%	4.3%	5.9%	0.0%	12.5%	5.5%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	48.663[a]	28	0.009
Likelihood Ratio	56.057	28	0.001
Linear-by-Linear Association	0.621	1	0.431
N of Valid Cases	109		

a. 34 cells (85.0%) have expected count less than 5. The minimum expected count is .33.

Q1.4_6 Interest in-- Forests, timbering, carbon sequestration * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q1.4_6 Interest in-- Forests, timbering, carbon sequestration	1 No interest	Count	2	1	4	3	3	0	1	5	19
		% within demoregion Demographics Unit Regions	18.2%	7.7%	26.7%	18.8%	13.0%	0.0%	16.7%	62.5%	17.4%
	2 Minimal Interest	Count	3	2	3	2	4	3	0	2	19
		% within demoregion Demographics Unit Regions	27.3%	15.4%	20.0%	12.5%	17.4%	17.6%	0.0%	25.0%	17.4%
	3 Some Interest	Count	5	6	3	5	8	6	4	0	37
		% within demoregion Demographics Unit Regions	45.5%	46.2%	20.0%	31.3%	34.8%	35.3%	66.7%	0.0%	33.9%
	4 A lot of Interest	Count	1	3	5	4	7	6	1	1	28
		% within demoregion Demographics Unit Regions	9.1%	23.1%	33.3%	25.0%	30.4%	35.3%	16.7%	12.5%	25.7%
	5 The Most Interest	Count	0	1	0	2	1	2	0	0	6
		% within demoregion Demographics Unit Regions	0.0%	7.7%	0.0%	12.5%	4.3%	11.8%	0.0%	0.0%	5.5%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	30.856[a]	28	0.324
Likelihood Ratio	35.416	28	0.158
Linear-by-Linear Association	0.082	1	0.775
N of Valid Cases	109		

a. 35 cells (87.5%) have expected count less than 5. The minimum expected count is .33.

Q1.4_7 Interest in-- Low impact development, agrivoltaics * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q1.4_7 Interest in-- Low impact development, agrivoltaics	1 No interest	Count	1	0	3	1	3	0	0	4	12
		% within demoregion Demographics Unit Regions	9.1%	0.0%	20.0%	6.3%	13.0%	0.0%	0.0%	50.0%	11.0%
	2 Minimal Interest	Count	3	1	0	2	2	4	1	0	13
		% within demoregion Demographics Unit Regions	27.3%	7.7%	0.0%	12.5%	8.7%	23.5%	16.7%	0.0%	11.9%
	3 Some Interest	Count	6	7	5	5	8	4	4	3	42
		% within demoregion Demographics Unit Regions	54.5%	53.8%	33.3%	31.3%	34.8%	23.5%	66.7%	37.5%	38.5%
	4 A lot of Interest	Count	0	4	6	7	9	7	1	1	35
		% within demoregion Demographics Unit Regions	0.0%	30.8%	40.0%	43.8%	39.1%	41.2%	16.7%	12.5%	32.1%
	5 The Most Interest	Count	1	1	1	1	1	2	0	0	7
		% within demoregion Demographics Unit Regions	9.1%	7.7%	6.7%	6.3%	4.3%	11.8%	0.0%	0.0%	6.4%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	36.736[a]	28	0.125
Likelihood Ratio	41.442	28	0.049
Linear-by-Linear Association	0.638	1	0.424
N of Valid Cases	109		

a. 32 cells (80.0%) have expected count less than 5. The minimum expected count is .39.

Q1.4_8 Interest in-- Property values, economic benefits, taxation * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q1.4_8 Interest in-- Property values, economic benefits, taxation	1 No interest	Count	1	0	2	0	1	0	1	3	8
		% within demoregion Demographics Unit Regions	9.1%	0.0%	13.3%	0.0%	4.3%	0.0%	16.7%	37.5%	7.3%
	2 Minimal Interest	Count	1	1	1	3	1	0	0	1	8
		% within demoregion Demographics Unit Regions	9.1%	7.7%	6.7%	18.8%	4.3%	0.0%	0.0%	12.5%	7.3%
	3 Some Interest	Count	6	5	0	6	4	4	1	1	27
		% within demoregion Demographics Unit Regions	54.5%	38.5%	0.0%	37.5%	17.4%	23.5%	16.7%	12.5%	24.8%
	4 A lot of Interest	Count	2	6	8	6	11	7	4	2	46
		% within demoregion Demographics Unit Regions	18.2%	46.2%	53.3%	37.5%	47.8%	41.2%	66.7%	25.0%	42.2%
	5 The Most Interest	Count	1	1	4	1	6	6	0	1	20
		% within demoregion Demographics Unit Regions	9.1%	7.7%	26.7%	6.3%	26.1%	35.3%	0.0%	12.5%	18.3%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	42.549[a]	28	0.038
Likelihood Ratio	45.622	28	0.019
Linear-by-Linear Association	0.053	1	0.819
N of Valid Cases	109		

a. 34 cells (85.0%) have expected count less than 5. The minimum expected count is .44.

Q1.4_9 Interest in-- Soil and water conservation and protection * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q1.4_9 Interest in-- Soil and water conservation and protection	1 No interest	Count	1	0	2	1	2	0	0	2	8
		% within demoregion Demographics Unit Regions	9.1%	0.0%	13.3%	6.3%	8.7%	0.0%	0.0%	25.0%	7.3%
	2 Minimal Interest	Count	1	2	3	1	1	2	1	3	14
		% within demoregion Demographics Unit Regions	9.1%	15.4%	20.0%	6.3%	4.3%	11.8%	16.7%	37.5%	12.8%
	3 Some Interest	Count	5	4	2	9	7	5	1	2	35
		% within demoregion Demographics Unit Regions	45.5%	30.8%	13.3%	56.3%	30.4%	29.4%	16.7%	25.0%	32.1%
	4 A lot of Interest	Count	3	5	7	4	9	3	3	1	35
		% within demoregion Demographics Unit Regions	27.3%	38.5%	46.7%	25.0%	39.1%	17.6%	50.0%	12.5%	32.1%
	5 The Most Interest	Count	1	2	1	1	4	7	1	0	17
		% within demoregion Demographics Unit Regions	9.1%	15.4%	6.7%	6.3%	17.4%	41.2%	16.7%	0.0%	15.6%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	34.088[a]	28	0.198
Likelihood Ratio	34.252	28	0.193
Linear-by-Linear Association	0.027	1	0.869
N of Valid Cases	109		

a. 34 cells (85.0%) have expected count less than 5. The minimum expected count is .44.

Q1.4_10 Interest in-- Transmission, grid, energy storage, resiliency * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q1.4_10 Interest in-- Transmission, grid, energy storage, resiliency	1 No interest	Count	2	0	2	0	3	0	2	3	12
		% within demoregion Demographics Unit Regions	18.2%	0.0%	13.3%	0.0%	13.0%	0.0%	33.3%	37.5%	11.0%
	2 Minimal Interest	Count	2	5	1	4	3	3	0	3	21
		% within demoregion Demographics Unit Regions	18.2%	38.5%	6.7%	25.0%	13.0%	17.6%	0.0%	37.5%	19.3%
	3 Some Interest	Count	6	4	3	6	8	9	3	2	41
		% within demoregion Demographics Unit Regions	54.5%	30.8%	20.0%	37.5%	34.8%	52.9%	50.0%	25.0%	37.6%
	4 A lot of Interest	Count	1	3	7	4	7	3	1	0	26
		% within demoregion Demographics Unit Regions	9.1%	23.1%	46.7%	25.0%	30.4%	17.6%	16.7%	0.0%	23.9%
	5 The Most Interest	Count	0	1	2	2	2	2	0	0	9
		% within demoregion Demographics Unit Regions	0.0%	7.7%	13.3%	12.5%	8.7%	11.8%	0.0%	0.0%	8.3%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	34.674[a]	28	0.180
Likelihood Ratio	40.934	28	0.054
Linear-by-Linear Association	1.269	1	0.260
N of Valid Cases	109		

a. 35 cells (87.5%) have expected count less than 5. The minimum expected count is .50.

Q1.4_11 Interest in-- Viewsheds, cultural, historic resources * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q1.4_11 Interest in-- Viewsheds, cultural, historic resources	1 No interest	Count	2	0	1	0	1	0	0	2	6
		% within demoregion Demographics Unit Regions	18.2%	0.0%	6.7%	0.0%	4.3%	0.0%	0.0%	25.0%	5.5%
	2 Minimal Interest	Count	1	1	5	2	2	3	1	1	16
		% within demoregion Demographics Unit Regions	9.1%	7.7%	33.3%	12.5%	8.7%	17.6%	16.7%	12.5%	14.7%
	3 Some Interest	Count	5	3	1	8	5	5	2	1	30
		% within demoregion Demographics Unit Regions	45.5%	23.1%	6.7%	50.0%	21.7%	29.4%	33.3%	12.5%	27.5%
	4 A lot of Interest	Count	2	8	6	5	10	7	3	2	43
		% within demoregion Demographics Unit Regions	18.2%	61.5%	40.0%	31.3%	43.5%	41.2%	50.0%	25.0%	39.4%
	5 The Most Interest	Count	1	1	2	1	5	2	0	2	14
		% within demoregion Demographics Unit Regions	9.1%	7.7%	13.3%	6.3%	21.7%	11.8%	0.0%	25.0%	12.8%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	32.287[a]	28	0.263
Likelihood Ratio	31.725	28	0.286
Linear-by-Linear Association	0.249	1	0.618
N of Valid Cases	109		

a. 34 cells (85.0%) have expected count less than 5. The minimum expected count is .33.

Q1.4_12 Interest in-- Wildlife, habitat fragmentation and conservation * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q1.4_12 Interest in-- Wildlife, habitat fragmentation and conservation	1 No interest	Count	1	0	3	2	3	0	2	4	15
		% within demoregion Demographics Unit Regions	9.1%	0.0%	20.0%	12.5%	13.0%	0.0%	33.3%	50.0%	13.8%
	2 Minimal Interest	Count	1	2	3	1	1	2	0	1	11
		% within demoregion Demographics Unit Regions	9.1%	15.4%	20.0%	6.3%	4.3%	11.8%	0.0%	12.5%	10.1%
	3 Some Interest	Count	6	5	2	7	7	5	1	0	33
		% within demoregion Demographics Unit Regions	54.5%	38.5%	13.3%	43.8%	30.4%	29.4%	16.7%	0.0%	30.3%
	4 A lot of Interest	Count	2	5	6	6	12	7	3	2	43
		% within demoregion Demographics Unit Regions	18.2%	38.5%	40.0%	37.5%	52.2%	41.2%	50.0%	25.0%	39.4%
	5 The Most Interest	Count	1	1	1	0	0	3	0	1	7
		% within demoregion Demographics Unit Regions	9.1%	7.7%	6.7%	0.0%	0.0%	17.6%	0.0%	12.5%	6.4%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	34.849[a]	28	0.174
Likelihood Ratio	40.112	28	0.065
Linear-by-Linear Association	0.297	1	0.586
N of Valid Cases	109		

a. 33 cells (82.5%) have expected count less than 5. The minimum expected count is .39.

Q1.4_13 Interest in-- Landowner leases, property rights * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q1.4_13 Interest in-- Landowner leases, property rights	1 No interest	Count	1	0	2	0	2	0	1	3	9
		% within demoregion Demographics Unit Regions	9.1%	0.0%	13.3%	0.0%	8.7%	0.0%	16.7%	37.5%	8.3%
	2 Minimal Interest	Count	1	1	3	4	3	4	0	2	18
		% within demoregion Demographics Unit Regions	9.1%	7.7%	20.0%	25.0%	13.0%	23.5%	0.0%	25.0%	16.5%
	3 Some Interest	Count	7	7	4	8	8	5	1	0	40
		% within demoregion Demographics Unit Regions	63.6%	53.8%	26.7%	50.0%	34.8%	29.4%	16.7%	0.0%	36.7%
	4 A lot of Interest	Count	1	4	5	3	8	4	4	2	31
		% within demoregion Demographics Unit Regions	9.1%	30.8%	33.3%	18.8%	34.8%	23.5%	66.7%	25.0%	28.4%
	5 The Most Interest	Count	1	1	1	1	2	4	0	1	11
		% within demoregion Demographics Unit Regions	9.1%	7.7%	6.7%	6.3%	8.7%	23.5%	0.0%	12.5%	10.1%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	35.087[a]	28	0.167
Likelihood Ratio	37.948	28	0.099
Linear-by-Linear Association	0.034	1	0.853
N of Valid Cases	109		

a. 35 cells (87.5%) have expected count less than 5. The minimum expected count is .50.

VIRGINIA REGIONS

RENEWABLE ENERGY PROCUREMENT

Q2.1 Formalized process for electricity procurement * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q2.1 Formalized process for electricity procurement	1 Yes	Count	1	0	0	6	6	2	0	0	15
		% within demoregion Demographics Unit Regions	9.1%	0.0%	0.0%	37.5%	26.1%	11.8%	0.0%	0.0%	13.8%
	2 No	Count	6	9	9	4	7	10	3	4	52
		% within demoregion Demographics Unit Regions	54.5%	69.2%	60.0%	25.0%	30.4%	58.8%	50.0%	50.0%	47.7%
	3 Not sure	Count	4	4	6	6	10	5	3	4	42
		% within demoregion Demographics Unit Regions	36.4%	30.8%	40.0%	37.5%	43.5%	29.4%	50.0%	50.0%	38.5%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	21.783[a]	14	0.083
Likelihood Ratio	25.292	14	0.032
Linear-by-Linear Association	0.073	1	0.787
N of Valid Cases	109		

a. 13 cells (54.2%) have expected count less than 5. The minimum expected count is .83.

Q2.2_1-2.2_9*$buildings*demoregion Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
$buildings Buildings covered by locality electricity procurement.[a]	Q2.2_1 Buildings covered by locality electricity procurement-Administrative Offices	Count	4	4	5	8	12	6	0	4	43
		% within demoregion	36.4%	30.8%	33.3%	50.0%	52.2%	35.3%	0.0%	50.0%	
	Q2.2_2 Buildings covered by locality electricity procurement-Fire & Rescue	Count	1	3	5	6	12	6	0	3	36
		% within demoregion	9.1%	23.1%	33.3%	37.5%	52.2%	35.3%	0.0%	37.5%	
	Q2.2_3 Buildings covered by locality electricity procurement-Police Station	Count	3	3	5	8	11	7	0	4	41
		% within demoregion	27.3%	23.1%	33.3%	50.0%	47.8%	41.2%	0.0%	50.0%	
	Q2.2_4 Buildings covered by locality electricity procurement-Courthouse	Count	4	4	5	5	10	6	0	3	37
		% within demoregion	36.4%	30.8%	33.3%	31.3%	43.5%	35.3%	0.0%	37.5%	
	Q2.2_5 Buildings covered by locality electricity procurement-Schools	Count	0	4	5	7	13	7	1	4	41
		% within demoregion	0.0%	30.8%	33.3%	43.8%	56.5%	41.2%	16.7%	50.0%	
	Q2.2_6 Buildings covered by locality electricity procurement-Parks & Recreational Facilities	Count	4	4	5	8	11	4	0	4	40
		% within demoregion	36.4%	30.8%	33.3%	50.0%	47.8%	23.5%	0.0%	50.0%	
	Q2.2_7 Buildings covered by locality electricity procurement-Public Works/ General Services/Transportation & Fleet	Count	4	4	5	8	9	6	0	4	40
		% within demoregion	36.4%	30.8%	33.3%	50.0%	39.1%	35.3%	0.0%	50.0%	
	Q2.2_9 Buildings covered by locality electricity procurement-Not sure	Count	8	9	9	8	9	10	2	3	58
		% within demoregion	72.7%	69.2%	60.0%	50.0%	39.1%	58.8%	33.3%	37.5%	
	Q2.2_8 Buildings covered by locality electricity procurement-Other	Count	0	0	1	1	3	3	3	2	13
		% within demoregion	0.0%	0.0%	6.7%	6.3%	13.0%	17.6%	50.0%	25.0%	
Total		Count	11	13	15	16	23	17	6	8	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.3 Locality's experience with using "energy-positive building design * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q2.3 Locality's experience with using "energy-positive building design	1 No experience	Count	6	7	5	4	12	11	3	4	52
		% within demoregion Demographics Unit Regions	100.0%	87.5%	55.6%	40.0%	66.7%	78.6%	60.0%	80.0%	69.3%
	2 Some Experience	Count	0	1	4	5	5	3	2	1	21
		% within demoregion Demographics Unit Regions	0.0%	12.5%	44.4%	50.0%	27.8%	21.4%	40.0%	20.0%	28.0%
	3 Extensive Experience	Count	0	0	0	1	1	0	0	0	2
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	10.0%	5.6%	0.0%	0.0%	0.0%	2.7%
Total		Count	6	8	9	10	18	14	5	5	75
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	12.403[a]	14	0.574
Likelihood Ratio	14.187	14	0.436
Linear-by-Linear Association	0.245	1	0.621
N of Valid Cases	75		

a. 18 cells (75.0%) have expected count less than 5. The minimum expected count is .13.

Q2.4 Policy requiring photovoltaics in public buildings * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q2.4 Policy requiring photovoltaics in public buildings	1 Yes	Count	0	0	0	2	1	1	0	2	6
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	12.5%	4.3%	5.9%	0.0%	25.0%	5.5%
	4 No	Count	8	10	13	7	14	16	6	4	78
		% within demoregion Demographics Unit Regions	72.7%	76.9%	86.7%	43.8%	60.9%	94.1%	100.0%	50.0%	71.6%
	5 Not sure	Count	3	3	2	5	6	0	0	2	21
		% within demoregion Demographics Unit Regions	27.3%	23.1%	13.3%	31.3%	26.1%	0.0%	0.0%	25.0%	19.3%
	6 Other	Count	0	0	0	2	2	0	0	0	4
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	12.5%	8.7%	0.0%	0.0%	0.0%	3.7%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	29.125[a]	21	0.111
Likelihood Ratio	33.741	21	0.039
Linear-by-Linear Association	3.496	1	0.062
N of Valid Cases	109		

a. 25 cells (78.1%) have expected count less than 5. The minimum expected count is .22.

VIRGINIA REGIONS

RENEWABLE ENERGY PROCUREMENT

Q2.5 Does your locality procure any of its own energy load from solar? * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q2.5 Does your locality procure any of its own energy load from solar?	1 Yes	Count	2	0	3	3	4	2	2	1	17
		% within demoregion Demographics Unit Regions	18.2%	0.0%	20.0%	18.8%	17.4%	11.8%	33.3%	12.5%	15.6%
	2 No, we have no plans to procure any of our own energy load from solar	Count	5	5	7	6	6	10	3	2	44
		% within demoregion Demographics Unit Regions	45.5%	38.5%	46.7%	37.5%	26.1%	58.8%	50.0%	25.0%	40.4%
	6 Not sure	Count	4	6	4	5	8	3	0	3	33
		% within demoregion Demographics Unit Regions	36.4%	46.2%	26.7%	31.3%	34.8%	17.6%	0.0%	37.5%	30.3%
	7 No, not at this time but we are working towards it within the next 2 years	Count	0	2	1	2	5	2	1	2	15
		% within demoregion Demographics Unit Regions	0.0%	15.4%	6.7%	12.5%	21.7%	11.8%	16.7%	25.0%	13.8%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	15.576[a]	21	0.793
Likelihood Ratio	20.481	21	0.491
Linear-by-Linear Association	0.000	1	0.992
N of Valid Cases	109		

a. 25 cells (78.1%) have expected count less than 5. The minimum expected count is .83.

Q2.6 Solar energy from on-site solar installations * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q2.6 Solar energy from on-site solar installations	1 Yes	Count	2	2	3	4	7	1	2	1	22
		% within demoregion Demographics Unit Regions	100.0%	100.0%	75.0%	80.0%	77.8%	25.0%	66.7%	33.3%	68.8%
	2 No	Count	0	0	0	0	0	2	0	0	2
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	6.3%
	4 Not sure	Count	0	0	1	1	2	1	1	2	8
		% within demoregion Demographics Unit Regions	0.0%	0.0%	25.0%	20.0%	22.2%	25.0%	33.3%	66.7%	25.0%
Total		Count	2	2	4	5	9	4	3	3	32
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	19.697[a]	14	0.140
Likelihood Ratio	14.764	14	0.394
Linear-by-Linear Association	3.676	1	0.055
N of Valid Cases	32		

a. 23 cells (95.8%) have expected count less than 5. The minimum expected count is .13.

VIRGINIA REGIONS

RENEWABLE ENERGY PROCUREMENT

Q2.7 Solar energy from power purchase agreement * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q2.7 Solar energy from power purchase agreement	1 Owned	Count	0	0	1	0	0	1	0	0	2
		% within demoregion Demographics Unit Regions	0.0%	0.0%	25.0%	0.0%	0.0%	25.0%	0.0%	0.0%	6.3%
	2 PPA	Count	0	0	3	1	3	1	0	1	9
		% within demoregion Demographics Unit Regions	0.0%	0.0%	75.0%	20.0%	33.3%	25.0%	0.0%	33.3%	28.1%
	3 Not sure	Count	2	2	0	2	6	2	3	2	19
		% within demoregion Demographics Unit Regions	100.0%	100.0%	0.0%	40.0%	66.7%	50.0%	100.0%	66.7%	59.4%
	4 Both: we have project(s) that are owned and project(s) that are procured though a PPA	Count	0	0	0	2	0	0	0	0	2
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	40.0%	0.0%	0.0%	0.0%	0.0%	6.3%
Total		Count	2	2	4	5	9	4	3	3	32
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	26.944[a]	21	0.173
Likelihood Ratio	26.181	21	0.200
Linear-by-Linear Association	0.001	1	0.973
N of Valid Cases	32		

a. 31 cells (96.9%) have expected count less than 5. The minimum expected count is .13.

Q2.9 Has your locality considered incorporating solar in its generation mix? * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q2.9 Has your locality considered incorporating solar in its generation mix?	1 Yes	Count	0	0	1	1	0	0	1	2	5
		% within demoregion Demographics Unit Regions	0.0%	0.0%	14.3%	16.7%	0.0%	0.0%	33.3%	100.0%	11.4%
	2 No	Count	5	3	2	2	4	7	2	0	25
		% within demoregion Demographics Unit Regions	100.0%	60.0%	28.6%	33.3%	66.7%	70.0%	66.7%	0.0%	56.8%
	3 Not sure	Count	0	2	4	3	2	3	0	0	14
		% within demoregion Demographics Unit Regions	0.0%	40.0%	57.1%	50.0%	33.3%	30.0%	0.0%	0.0%	31.8%
Total		Count	5	5	7	6	6	10	3	2	44
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	28.404[a]	14	0.013
Likelihood Ratio	26.156	14	0.025
Linear-by-Linear Association	2.158	1	0.142
N of Valid Cases	44		

a. 23 cells (95.8%) have expected count less than 5. The minimum expected count is .23.

Q2.10 Is your locality actively pursuing the installation of solar systems on public buildings or public land? * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions				Total
			3.00 Valley	4.00 Northern	7.00 Eastern	8.00 Hampton Roads	
Q2.10 Is your locality actively pursuing the installation of solar systems on public buildings or public land?	2 No	Count	1	1	1	2	5
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%
Total		Count	1	1	1	2	5
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%

Q2.11 Encountered Barriers to Solar * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions				Total
			3.00 Valley	4.00 Northern	7.00 Eastern	8.00 Hampton Roads	
Q2.11 Encountered Barriers to Solar	1 Yes	Count	0	1	1	2	4
		% within demoregion Demographics Unit Regions	0.0%	100.0%	100.0%	100.0%	80.0%
	3 Not sure	Count	1	0	0	0	1
		% within demoregion Demographics Unit Regions	100.0%	0.0%	0.0%	0.0%	20.0%
Total		Count	1	1	1	2	5
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.000[a]	3	0.172
Likelihood Ratio	5.004	3	0.172
Linear-by-Linear Association	2.045	1	0.153
N of Valid Cases	5		

a. 8 cells (100.0%) have expected count less than 5. The minimum expected count is .20.

Q2.12_1 Biggest Barrier to Solar, scale 0 to 100- Site not suitable for solar * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions			Total
			4.00 Northern	7.00 Eastern	8.00 Hampton Roads	
Q2.12_1 Biggest Barrier to Solar, scale 0 to 100- Site not suitable for solar	.00	Count	0	1	0	1
		% within demoregion Demographics Unit Regions	0.0%	100.0%	0.0%	25.0%
	20.00	Count	0	0	1	1
		% within demoregion Demographics Unit Regions	0.0%	0.0%	50.0%	25.0%
	25.00	Count	1	0	0	1
		% within demoregion Demographics Unit Regions	100.0%	0.0%	0.0%	25.0%
	50.00	Count	0	0	1	1
		% within demoregion Demographics Unit Regions	0.0%	0.0%	50.0%	25.0%
Total		Count	1	1	2	4
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.000[a]	6	0.238
Likelihood Ratio	8.318	6	0.216
Linear-by-Linear Association	0.077	1	0.781
N of Valid Cases	4		

a. 12 cells (100.0%) have expected count less than 5. The minimum expected count is .25.

Q2.12_2 Biggest Barrier to Solar, scale 0 to 100- Upfront costs, financing * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions			Total
			4.00 Northern	7.00 Eastern	8.00 Hampton Roads	
Q2.12_2 Biggest Barrier to Solar, scale 0 to 100- Upfront costs, financing	15.00	Count	1	0	0	1
		% within demoregion Demographics Unit Regions	100.0%	0.0%	0.0%	25.0%
	20.00	Count	0	0	1	1
		% within demoregion Demographics Unit Regions	0.0%	0.0%	50.0%	25.0%
	50.00	Count	0	0	1	1
		% within demoregion Demographics Unit Regions	0.0%	0.0%	50.0%	25.0%
	100.00	Count	0	1	0	1
		% within demoregion Demographics Unit Regions	0.0%	100.0%	0.0%	25.0%
Total		Count	1	1	2	4
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.000[a]	6	0.238
Likelihood Ratio	8.318	6	0.216
Linear-by-Linear Association	0.310	1	0.578
N of Valid Cases	4		

a. 12 cells (100.0%) have expected count less than 5. The minimum expected count is .25.

Q2.12_6 Biggest Barrier to Solar, scale 0 to 100- Lack of staff time, capacity, bandwidth * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions			Total
			4.00 Northern	7.00 Eastern	8.00 Hampton Roads	
Q2.12_6 Biggest Barrier to Solar, scale 0 to 100- Lack of staff time, capacity, bandwidth	.00	Count	0	1	1	2
		% within demoregion Demographics Unit Regions	0.0%	100.0%	50.0%	50.0%
	20.00	Count	1	0	0	1
		% within demoregion Demographics Unit Regions	100.0%	0.0%	0.0%	25.0%
	25.00	Count	0	0	1	1
		% within demoregion Demographics Unit Regions	0.0%	0.0%	50.0%	25.0%
Total		Count	1	1	2	4
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.000[a]	4	0.287
Likelihood Ratio	5.545	4	0.236
Linear-by-Linear Association	0.303	1	0.582
N of Valid Cases	4		

a. 9 cells (100.0%) have expected count less than 5. The minimum expected count is .25.

Q2.12_7 Biggest Barrier to Solar, scale 0 to 100- Lack of support or direction from leadership * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions			Total
			4.00 Northern	7.00 Eastern	8.00 Hampton Roads	
Q2.12_7 Biggest Barrier to Solar, scale 0 to 100- Lack of support or direction from leadership	.00	Count	0	1	1	2
		% within demoregion Demographics Unit Regions	0.0%	100.0%	50.0%	50.0%
	25.00	Count	0	0	1	1
		% within demoregion Demographics Unit Regions	0.0%	0.0%	50.0%	25.0%
	35.00	Count	1	0	0	1
		% within demoregion Demographics Unit Regions	100.0%	0.0%	0.0%	25.0%
Total		Count	1	1	2	4
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.000[a]	4	0.287
Likelihood Ratio	5.545	4	0.236
Linear-by-Linear Association	1.241	1	0.265
N of Valid Cases	4		

a. 9 cells (100.0%) have expected count less than 5. The minimum expected count is .25.

Q2.12_8 Biggest Barrier to Solar, scale 0 to 100- Complication in the process * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions			Total
			4.00 Northern	7.00 Eastern	8.00 Hampton Roads	
Q2.12_8 Biggest Barrier to Solar, scale 0 to 100- Complication in the process	.00	Count	0	1	1	2
		% within demoregion Demographics Unit Regions	0.0%	100.0%	50.0%	50.0%
	5.00	Count	1	0	0	1
		% within demoregion Demographics Unit Regions	100.0%	0.0%	0.0%	25.0%
	10.00	Count	0	0	1	1
		% within demoregion Demographics Unit Regions	0.0%	0.0%	50.0%	25.0%
Total		Count	1	1	2	4
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.000[a]	4	0.287
Likelihood Ratio	5.545	4	0.236
Linear-by-Linear Association	0.006	1	0.937
N of Valid Cases	4		

a. 9 cells (100.0%) have expected count less than 5. The minimum expected count is .25.

Q2.12_9 Biggest Barrier to Solar, scale 0 to 100- Other * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions			Total
			4.00 Northern	7.00 Eastern	8.00 Hampton Roads	
Q2.12_9 Biggest Barrier to Solar, scale 0 to 100- Other	.00	Count	1	1	2	4
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%
Total		Count	1	1	2	4
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%

Q2.13 Joined a PPA through a rider arrangement * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions					Total
			3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	8.00 Hampton Roads	
Q2.13 Joined a PPA through a rider arrangement	1 Yes	Count	0	2	0	0	1	3
		% within demoregion Demographics Unit Regions	0.0%	66.7%	0.0%	0.0%	100.0%	27.3%
	2 No	Count	1	1	1	1	0	4
		% within demoregion Demographics Unit Regions	33.3%	33.3%	33.3%	100.0%	0.0%	36.4%
	3 Not sure	Count	2	0	2	0	0	4
		% within demoregion Demographics Unit Regions	66.7%	0.0%	66.7%	0.0%	0.0%	36.4%
Total		Count	3	3	3	1	1	11
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	10.389[a]	8	0.239
Likelihood Ratio	12.524	8	0.129
Linear-by-Linear Association	1.316	1	0.251
N of Valid Cases	11		

a. 15 cells (100.0%) have expected count less than 5. The minimum expected count is .27.

Q2.15 Concerned about incorporating solar into your locality's own energy generation mix * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q2.15 Concerned about incorporating solar into your locality's own energy generation mix	7 Concerns/Questions (Please describe)	Count	0	1	9	6	7	4	1	5	33
		% within demoregion Demographics Unit Regions	0.0%	7.7%	60.0%	37.5%	30.4%	23.5%	16.7%	62.5%	30.3%
	8 No concerns	Count	6	3	2	3	10	8	3	1	36
		% within demoregion Demographics Unit Regions	54.5%	23.1%	13.3%	18.8%	43.5%	47.1%	50.0%	12.5%	33.0%
	9 Not sure	Count	5	9	4	7	6	5	2	2	40
		% within demoregion Demographics Unit Regions	45.5%	69.2%	26.7%	43.8%	26.1%	29.4%	33.3%	25.0%	36.7%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	27.415[a]	14	0.017
Likelihood Ratio	30.048	14	0.008
Linear-by-Linear Association	4.527	1	0.033
N of Valid Cases	109		

a. 15 cells (62.5%) have expected count less than 5. The minimum expected count is 1.82.

Q2.16_1 Familiarity with solar policy mechanism Federal Investment Tax Credit * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q2.16_1 Familiarity with solar policy mechanism Federal Investment Tax Credit	1.00 Not at all familiar	Count	9	7	7	4	9	9	3	4	52
		% within demoregion Demographics Unit Regions	90.0%	53.8%	46.7%	30.8%	39.1%	56.3%	50.0%	50.0%	50.0%
	2.00 Slightly familiar	Count	1	6	6	5	9	2	1	4	34
		% within demoregion Demographics Unit Regions	10.0%	46.2%	40.0%	38.5%	39.1%	12.5%	16.7%	50.0%	32.7%
	3.00 Somewhat familiar	Count	0	0	2	1	2	3	1	0	9
		% within demoregion Demographics Unit Regions	0.0%	0.0%	13.3%	7.7%	8.7%	18.8%	16.7%	0.0%	8.7%
	4.00 Moderately familiar	Count	0	0	0	0	3	1	1	0	5
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	0.0%	13.0%	6.3%	16.7%	0.0%	4.8%
	5.00 Extremely familiar	Count	0	0	0	3	0	1	0	0	4
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	23.1%	0.0%	6.3%	0.0%	0.0%	3.8%
Total		Count	10	13	15	13	23	16	6	8	104
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	40.003[a]	28	0.066
Likelihood Ratio	39.916	28	0.067
Linear-by-Linear Association	2.525	1	0.112
N of Valid Cases	104		

a. 32 cells (80.0%) have expected count less than 5. The minimum expected count is .23.

Q2.16_2 Familiarity with solar policy mechanism Net-metering * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q2.16_2 Familiarity with solar policy mechanism Net-metering	1.00 Not at all familiar	Count	9	5	1	5	10	8	4	3	45
		% within demoregion Demographics Unit Regions	81.8%	38.5%	6.7%	38.5%	43.5%	50.0%	66.7%	42.9%	43.3%
	2.00 Slightly familiar	Count	2	4	10	3	5	4	2	3	33
		% within demoregion Demographics Unit Regions	18.2%	30.8%	66.7%	23.1%	21.7%	25.0%	33.3%	42.9%	31.7%
	3.00 Somewhat familiar	Count	0	3	2	1	4	1	0	0	11
		% within demoregion Demographics Unit Regions	0.0%	23.1%	13.3%	7.7%	17.4%	6.3%	0.0%	0.0%	10.6%
	4.00 Moderately familiar	Count	0	0	2	1	2	2	0	1	8
		% within demoregion Demographics Unit Regions	0.0%	0.0%	13.3%	7.7%	8.7%	12.5%	0.0%	14.3%	7.7%
	5.00 Extremely familiar	Count	0	1	0	3	2	1	0	0	7
		% within demoregion Demographics Unit Regions	0.0%	7.7%	0.0%	23.1%	8.7%	6.3%	0.0%	0.0%	6.7%
Total		Count	11	13	15	13	23	16	6	7	104
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	35.173[a]	28	0.165
Likelihood Ratio	40.260	28	0.063
Linear-by-Linear Association	0.086	1	0.769
N of Valid Cases	104		

a. 33 cells (82.5%) have expected count less than 5. The minimum expected count is .40.

Q2.16_3 Familiarity with solar policy mechanism Virtual net-metering * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q2.16_3 Familiarity with solar policy mechanism Virtual net-metering	1.00 Not at all familiar	Count	9	10	9	9	12	11	5	6	71
		% within demoregion Demographics Unit Regions	90.0%	76.9%	60.0%	69.2%	52.2%	68.8%	83.3%	75.0%	68.3%
	2.00 Slightly familiar	Count	1	2	5	1	7	3	0	2	21
		% within demoregion Demographics Unit Regions	10.0%	15.4%	33.3%	7.7%	30.4%	18.8%	0.0%	25.0%	20.2%
	3.00 Somewhat familiar	Count	0	1	1	1	2	2	1	0	8
		% within demoregion Demographics Unit Regions	0.0%	7.7%	6.7%	7.7%	8.7%	12.5%	16.7%	0.0%	7.7%
	4.00 Moderately familiar	Count	0	0	0	0	1	0	0	0	1
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	0.0%	4.3%	0.0%	0.0%	0.0%	1.0%
	5.00 Extremely familiar	Count	0	0	0	2	1	0	0	0	3
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	15.4%	4.3%	0.0%	0.0%	0.0%	2.9%
Total		Count	10	13	15	13	23	16	6	8	104
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	22.819[a]	28	0.742
Likelihood Ratio	23.082	28	0.729
Linear-by-Linear Association	0.358	1	0.550
N of Valid Cases	104		

a. 33 cells (82.5%) have expected count less than 5. The minimum expected count is .06.

Q2.16_4 Familiarity with solar policy mechanism Power Purchase Agreements * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q2.16_4 Familiarity with solar policy mechanism Power Purchase Agreements	1.00 Not at all familiar	Count	10	5	6	6	8	6	3	4	48
		% within demoregion Demographics Unit Regions	90.9%	38.5%	40.0%	46.2%	36.4%	37.5%	50.0%	50.0%	46.2%
	2.00 Slightly familiar	Count	0	5	5	2	6	5	3	3	29
		% within demoregion Demographics Unit Regions	0.0%	38.5%	33.3%	15.4%	27.3%	31.3%	50.0%	37.5%	27.9%
	3.00 Somewhat familiar	Count	1	3	3	1	6	2	0	1	17
		% within demoregion Demographics Unit Regions	9.1%	23.1%	20.0%	7.7%	27.3%	12.5%	0.0%	12.5%	16.3%
	4.00 Moderately familiar	Count	0	0	0	2	1	2	0	0	5
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	15.4%	4.5%	12.5%	0.0%	0.0%	4.8%
	5.00 Extremely familiar	Count	0	0	1	2	1	1	0	0	5
		% within demoregion Demographics Unit Regions	0.0%	0.0%	6.7%	15.4%	4.5%	6.3%	0.0%	0.0%	4.8%
Total		Count	11	13	15	13	22	16	6	8	104
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	28.503[a]	28	0.438
Likelihood Ratio	32.821	28	0.242
Linear-by-Linear Association	0.803	1	0.370
N of Valid Cases	104		

a. 33 cells (82.5%) have expected count less than 5. The minimum expected count is .29.

Q2.16_5 Familiarity with solar policy mechanism Shared, Community Solar * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q2.16_5 Familiarity with solar policy mechanism Shared, Community Solar	1.00 Not at all familiar	Count	9	9	3	5	10	7	3	5	51
		% within demoregion Demographics Unit Regions	100.0%	69.2%	20.0%	38.5%	43.5%	43.8%	50.0%	62.5%	49.5%
	2.00 Slightly familiar	Count	0	3	7	3	5	3	0	2	23
		% within demoregion Demographics Unit Regions	0.0%	23.1%	46.7%	23.1%	21.7%	18.8%	0.0%	25.0%	22.3%
	3.00 Somewhat familiar	Count	0	0	3	2	8	4	2	0	19
		% within demoregion Demographics Unit Regions	0.0%	0.0%	20.0%	15.4%	34.8%	25.0%	33.3%	0.0%	18.4%
	4.00 Moderately familiar	Count	0	1	1	1	0	2	1	0	6
		% within demoregion Demographics Unit Regions	0.0%	7.7%	6.7%	7.7%	0.0%	12.5%	16.7%	0.0%	5.8%
	5.00 Extremely familiar	Count	0	0	1	2	0	0	0	1	4
		% within demoregion Demographics Unit Regions	0.0%	0.0%	6.7%	15.4%	0.0%	0.0%	0.0%	12.5%	3.9%
Total		Count	9	13	15	13	23	16	6	8	103
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	40.455[a]	28	0.060
Likelihood Ratio	48.793	28	0.009
Linear-by-Linear Association	2.241	1	0.134
N of Valid Cases	103		

a. 34 cells (85.0%) have expected count less than 5. The minimum expected count is .23.

Q3.1_1 Provide any online- Summary of the permitting process (permitting checklist) * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q3.1_1 Provide any online- Summary of the permitting process (permitting checklist)	1 Yes	Count	7	6	7	12	13	4	5	5	59
		% within demoregion Demographics Unit Regions	63.6%	46.2%	46.7%	75.0%	56.5%	23.5%	83.3%	62.5%	54.1%
	2 No	Count	4	7	8	4	9	12	1	3	48
		% within demoregion Demographics Unit Regions	36.4%	53.8%	53.3%	25.0%	39.1%	70.6%	16.7%	37.5%	44.0%
	3 Not sure	Count	0	0	0	0	1	1	0	0	2
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	0.0%	4.3%	5.9%	0.0%	0.0%	1.8%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	15.356[a]	14	0.354
Likelihood Ratio	16.482	14	0.285
Linear-by-Linear Association	0.146	1	0.702
N of Valid Cases	109		

a. 13 cells (54.2%) have expected count less than 5. The minimum expected count is .11.

Q3.1_2 Provide any online- Examples of typical building plans * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q3.1_2 Provide any online- Examples of typical building plans	1 Yes	Count	2	0	1	3	5	1	1	3	16
		% within demoregion Demographics Unit Regions	18.2%	0.0%	6.7%	18.8%	21.7%	5.9%	16.7%	37.5%	14.7%
	2 No	Count	8	13	14	12	18	15	5	5	90
		% within demoregion Demographics Unit Regions	72.7%	100.0%	93.3%	75.0%	78.3%	88.2%	83.3%	62.5%	82.6%
	3 Not sure	Count	1	0	0	1	0	1	0	0	3
		% within demoregion Demographics Unit Regions	9.1%	0.0%	0.0%	6.3%	0.0%	5.9%	0.0%	0.0%	2.8%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	13.517[a]	14	0.486
Likelihood Ratio	15.718	14	0.331
Linear-by-Linear Association	2.100	1	0.147
N of Valid Cases	109		

a. 17 cells (70.8%) have expected count less than 5. The minimum expected count is .17.

Q3.1_3 Provide any online- Fee schedule * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q3.1_3 Provide any online- Fee schedule	1 Yes	Count	7	9	11	12	15	8	6	8	76
		% within demoregion Demographics Unit Regions	63.6%	69.2%	73.3%	75.0%	65.2%	47.1%	100.0%	100.0%	69.7%
	2 No	Count	4	4	4	4	7	9	0	0	32
		% within demoregion Demographics Unit Regions	36.4%	30.8%	26.7%	25.0%	30.4%	52.9%	0.0%	0.0%	29.4%
	3 Not sure	Count	0	0	0	0	1	0	0	0	1
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	0.0%	4.3%	0.0%	0.0%	0.0%	0.9%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.723[a]	14	0.397
Likelihood Ratio	17.518	14	0.230
Linear-by-Linear Association	0.527	1	0.468
N of Valid Cases	109		

a. 16 cells (66.7%) have expected count less than 5. The minimum expected count is .06.

Q3.1_4 Provide any online- Local design criteria for building permits * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q3.1_4 Provide any online- Local design criteria for building permits	1 Yes	Count	3	4	7	8	8	4	3	5	42
		% within demoregion Demographics Unit Regions	27.3%	30.8%	46.7%	50.0%	34.8%	23.5%	50.0%	62.5%	38.5%
	2 No	Count	7	9	6	7	13	12	3	3	60
		% within demoregion Demographics Unit Regions	63.6%	69.2%	40.0%	43.8%	56.5%	70.6%	50.0%	37.5%	55.0%
	3 Not sure	Count	1	0	2	1	2	1	0	0	7
		% within demoregion Demographics Unit Regions	9.1%	0.0%	13.3%	6.3%	8.7%	5.9%	0.0%	0.0%	6.4%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	9.849[a]	14	0.773
Likelihood Ratio	11.280	14	0.664
Linear-by-Linear Association	0.867	1	0.352
N of Valid Cases	109		

a. 13 cells (54.2%) have expected count less than 5. The minimum expected count is .39.

Q3.1_5 Provide any online- Incentives (summary of policy and/or forms) * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q3.1_5 Provide any online- Incentives (summary of policy and/or forms)	1 Yes	Count	0	1	4	4	4	2	0	0	15
		% within demoregion Demographics Unit Regions	0.0%	7.7%	26.7%	25.0%	17.4%	11.8%	0.0%	0.0%	13.8%
	2 No	Count	10	12	11	11	17	14	5	8	88
		% within demoregion Demographics Unit Regions	90.9%	92.3%	73.3%	68.8%	73.9%	82.4%	83.3%	100.0%	80.7%
	3 Not sure	Count	1	0	0	1	2	1	1	0	6
		% within demoregion Demographics Unit Regions	9.1%	0.0%	0.0%	6.3%	8.7%	5.9%	16.7%	0.0%	5.5%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	12.638[a]	14	0.555
Likelihood Ratio	16.820	14	0.266
Linear-by-Linear Association	0.277	1	0.598
N of Valid Cases	109		

a. 17 cells (70.8%) have expected count less than 5. The minimum expected count is .33.

Q3.2_1 Able to do online - Apply for a building permit * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q3.2_1 Able to do online - Apply for a building permit	1 Yes	Count	6	10	6	12	11	10	5	8	68
		% within demoregion Demographics Unit Regions	54.5%	76.9%	40.0%	75.0%	47.8%	58.8%	83.3%	100.0%	62.4%
	2 No	Count	4	2	9	4	10	7	1	0	37
		% within demoregion Demographics Unit Regions	36.4%	15.4%	60.0%	25.0%	43.5%	41.2%	16.7%	0.0%	33.9%
	3 Not sure	Count	1	1	0	0	2	0	0	0	4
		% within demoregion Demographics Unit Regions	9.1%	7.7%	0.0%	0.0%	8.7%	0.0%	0.0%	0.0%	3.7%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	19.363[a]	14	0.152
Likelihood Ratio	23.255	14	0.056
Linear-by-Linear Association	2.272	1	0.132
N of Valid Cases	109		

a. 14 cells (58.3%) have expected count less than 5. The minimum expected count is .22.

Q3.2_2 Able to do online - Submit construction plans/ drawings * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q3.2_2 Able to do online - Submit construction plans/ drawings	1 Yes	Count	6	11	5	11	9	9	5	8	64
		% within demoregion Demographics Unit Regions	54.5%	84.6%	33.3%	68.8%	39.1%	52.9%	83.3%	100.0%	58.7%
	2 No	Count	4	1	10	4	12	8	1	0	40
		% within demoregion Demographics Unit Regions	36.4%	7.7%	66.7%	25.0%	52.2%	47.1%	16.7%	0.0%	36.7%
	3 Not sure	Count	1	1	0	1	2	0	0	0	5
		% within demoregion Demographics Unit Regions	9.1%	7.7%	0.0%	6.3%	8.7%	0.0%	0.0%	0.0%	4.6%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	24.630[a]	14	0.038
Likelihood Ratio	29.913	14	0.008
Linear-by-Linear Association	1.358	1	0.244
N of Valid Cases	109		

a. 14 cells (58.3%) have expected count less than 5. The minimum expected count is .28.

Q3.2_3 Able to do online - Schedule an inspection * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q3.2_3 Able to do online - Schedule an inspection	1 Yes	Count	4	9	4	11	9	4	4	6	51
		% within demoregion Demographics Unit Regions	36.4%	69.2%	26.7%	68.8%	39.1%	23.5%	66.7%	75.0%	46.8%
	2 No	Count	5	3	11	4	12	12	2	2	51
		% within demoregion Demographics Unit Regions	45.5%	23.1%	73.3%	25.0%	52.2%	70.6%	33.3%	25.0%	46.8%
	3 Not sure	Count	2	1	0	1	2	1	0	0	7
		% within demoregion Demographics Unit Regions	18.2%	7.7%	0.0%	6.3%	8.7%	5.9%	0.0%	0.0%	6.4%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	21.874[a]	14	0.081
Likelihood Ratio	23.250	14	0.056
Linear-by-Linear Association	0.586	1	0.444
N of Valid Cases	109		

a. 12 cells (50.0%) have expected count less than 5. The minimum expected count is .39.

VIRGINIA REGIONS

DISTRIBUTED GENERATION

Q3.3 Interest in adopting a uniform permit review procedure * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q3.3 Interest in adopting a uniform permit review procedure	1 Not all interested	Count	3	1	1	1	2	2	4	2	16
		% within demoregion Demographics Unit Regions	33.3%	8.3%	10.0%	7.7%	10.5%	13.3%	66.7%	50.0%	18.2%
	2 Somewhat interested	Count	3	10	7	9	9	6	2	1	47
		% within demoregion Demographics Unit Regions	33.3%	83.3%	70.0%	69.2%	47.4%	40.0%	33.3%	25.0%	53.4%
	3 Very interested	Count	2	1	1	2	6	5	0	1	18
		% within demoregion Demographics Unit Regions	22.2%	8.3%	10.0%	15.4%	31.6%	33.3%	0.0%	25.0%	20.5%
	4 Our locality has already adopted standardized permitting requirements	Count	1	0	1	1	2	2	0	0	7
		% within demoregion Demographics Unit Regions	11.1%	0.0%	10.0%	7.7%	10.5%	13.3%	0.0%	0.0%	8.0%
Total		Count	9	12	10	13	19	15	6	4	88
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	27.057[a]	21	0.169
Likelihood Ratio	26.374	21	0.193
Linear-by-Linear Association	0.040	1	0.841
N of Valid Cases	88		

a. 27 cells (84.4%) have expected count less than 5. The minimum expected count is .32.

VIRGINIA REGIONS

DISTRIBUTED GENERATION

Q3.4 Interest in adopting an online permit review procedure * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q3.4 Interest in adopting an online permit review procedure	1 Not all interested	Count	3	2	3	4	2	1	3	0	18
		% within demoregion Demographics Unit Regions	33.3%	18.2%	30.0%	28.6%	10.0%	7.1%	50.0%	0.0%	20.0%
	2 Somewhat interested	Count	3	5	3	0	3	8	1	1	24
		% within demoregion Demographics Unit Regions	33.3%	45.5%	30.0%	0.0%	15.0%	57.1%	16.7%	16.7%	26.7%
	3 Very interested	Count	2	1	2	2	9	2	0	0	18
		% within demoregion Demographics Unit Regions	22.2%	9.1%	20.0%	14.3%	45.0%	14.3%	0.0%	0.0%	20.0%
	4 Our locality has already adopted standardized permitting requirements	Count	1	3	2	8	6	3	2	5	30
		% within demoregion Demographics Unit Regions	11.1%	27.3%	20.0%	57.1%	30.0%	21.4%	33.3%	83.3%	33.3%
Total		Count	9	11	10	14	20	14	6	6	90
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	38.932[a]	21	0.010
Likelihood Ratio	42.053	21	0.004
Linear-by-Linear Association	3.388	1	0.066
N of Valid Cases	90		

a. 30 cells (93.8%) have expected count less than 5. The minimum expected count is 1.20.

Q3.5 Allows customers to net meter excess solar * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q3.5 Allows customers to net meter excess solar	1 Yes	Count	0	2	1	0	0	0	0	0	3
		% within demoregion Demographics Unit Regions	0.0%	15.4%	6.7%	0.0%	0.0%	0.0%	0.0%	0.0%	2.8%
	2 No	Count	1	1	0	0	1	2	0	0	5
		% within demoregion Demographics Unit Regions	9.1%	7.7%	0.0%	0.0%	4.3%	11.8%	0.0%	0.0%	4.6%
	3 Not sure	Count	1	1	1	3	2	3	1	0	12
		% within demoregion Demographics Unit Regions	9.1%	7.7%	6.7%	18.8%	8.7%	17.6%	16.7%	0.0%	11.0%
	4 Not applicable	Count	9	9	13	13	20	12	5	8	89
		% within demoregion Demographics Unit Regions	81.8%	69.2%	86.7%	81.3%	87.0%	70.6%	83.3%	100.0%	81.7%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	19.438[a]	21	0.557
Likelihood Ratio	19.483	21	0.554
Linear-by-Linear Association	1.885	1	0.170
N of Valid Cases	109		

a. 25 cells (78.1%) have expected count less than 5. The minimum expected count is .17.

Q3.6 Exempt or partially exempt solar equipment from property taxes * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q3.6 Exempt or partially exempt solar equipment from property taxes	1 Yes	Count	1	0	3	4	1	1	0	0	10
		% within demoregion Demographics Unit Regions	9.1%	0.0%	20.0%	25.0%	4.3%	5.9%	0.0%	0.0%	9.2%
	2 No	Count	7	9	9	6	15	10	5	3	64
		% within demoregion Demographics Unit Regions	63.6%	69.2%	60.0%	37.5%	65.2%	58.8%	83.3%	37.5%	58.7%
	3 Not sure	Count	3	4	3	6	7	6	1	5	35
		% within demoregion Demographics Unit Regions	27.3%	30.8%	20.0%	37.5%	30.4%	35.3%	16.7%	62.5%	32.1%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	16.203[a]	14	0.301
Likelihood Ratio	16.828	14	0.265
Linear-by-Linear Association	1.948	1	0.163
N of Valid Cases	109		

a. 15 cells (62.5%) have expected count less than 5. The minimum expected count is .55.

Q3.7_1-3.7_5*$reasons*demoregion Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
$reasons Doesnt exempt solar equipment from property taxes.[a]	Q3.7_1 Reason locality doesn't exempt solar equipment from property taxes-Unaware tax exemption was allowed	Count	0	2	1	0	1	1	0	0	5
		% within demoregion	0.0%	22.2%	11.1%	0.0%	6.7%	10.0%	0.0%	0.0%	
	Q3.7_2 Reason locality doesn't exempt solar equipment from property taxes-Because of potential fiscal impacts/revenue loss	Count	0	4	2	2	7	3	2	0	20
		% within demoregion	0.0%	44.4%	22.2%	33.3%	46.7%	30.0%	50.0%	0.0%	
	Q3.7_3 Reason locality doesn't exempt solar equipment from property taxes-Citizens have not expressed interest	Count	1	2	1	3	4	2	1	1	15
		% within demoregion	16.7%	22.2%	11.1%	50.0%	26.7%	20.0%	25.0%	33.3%	
	Q3.7_5 Reason locality doesn't exempt solar equipment from property taxes	Count	5	4	5	1	5	4	1	1	26
		% within demoregion	83.3%	44.4%	55.6%	16.7%	33.3%	40.0%	25.0%	33.3%	
	Q3.7_4 Reason locality doesn't exempt solar equipment from property taxes-Other	Count	0	0	0	1	0	2	0	3	6
		% within demoregion	0.0%	0.0%	0.0%	16.7%	0.0%	20.0%	0.0%	100.0%	
Total		Count	6	9	9	6	15	10	4	3	62

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q4.2 Reviewed an application For a large or utility scale solar facility * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q4.2 Reviewed an application For a large or utility scale solar facility	1 Yes	Count	2	3	5	6	15	10	6	4	51
		% within demoregion Demographics Unit Regions	25.0%	30.0%	41.7%	66.7%	88.2%	71.4%	100.0%	80.0%	63.0%
	2 No	Count	5	7	7	3	2	3	0	1	28
		% within demoregion Demographics Unit Regions	62.5%	70.0%	58.3%	33.3%	11.8%	21.4%	0.0%	20.0%	34.6%
	3 Not sure	Count	1	0	0	0	0	1	0	0	2
		% within demoregion Demographics Unit Regions	12.5%	0.0%	0.0%	0.0%	0.0%	7.1%	0.0%	0.0%	2.5%
Total		Count	8	10	12	9	17	14	6	5	81
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	26.857[a]	14	0.020
Likelihood Ratio	28.530	14	0.012
Linear-by-Linear Association	14.300	1	0.000
N of Valid Cases	81		

a. 17 cells (70.8%) have expected count less than 5. The minimum expected count is .12.

VIRGINIA REGIONS

UTILITY SCALE SOLAR

Q4.3, Q4.4, Q4.5 & Q4.6 Status of large scale solar facility applications by size *Region crosstabulation											
		Southwest (*n* = 2)	B. West Central (*n* = 3)	C. Valley (*n* = 5)	D. Northern (*n* = 6)	E. Central (*n* = 15)	F. Southside (*n* = 10)	G. Eastern (*n* = 6)	H. Hampton Roads (*n* = 4)	Total # of applications	# of reporting localities
Number of applications reviewed total by size within region	Q4.3_38 Projects 500 KW up to 5 MW	2	5	12	4	28	53	16	11	131	51
	Q4.4_1 Projects 5-79 MW	0	8	2	7	23	28	13	40	121	51
	Q4.5_1 Projects 80-149 MW	0	1	4	4	3	20	3	1	36	51
	Q4.6_1 Projects 150+ MW	0	1	1	1	4	10	0	1	18	51
Number of applications under review by size within region	Q4.3_39 Projects 500 KW up to 5 MW	1	2	4	1	8	9	7	3	35	51
	Q4.4_2 Projects 5-79 MW	0	0	0	1	4	1	1	2	9	51
	Q4.5_2 Projects 80-149 MW	0	0	0	0	2	0	1	0	3	51
	Q4.6_2 Projects 150+ MW	0	0	0	0	1	3	0	0	4	51
Number of applications approved by size within region	Q4.3_40 Projects 500 KW up to 5 MW	1	2	5	1	20	33	8	6	76	51
	Q4.4_5 Projects 5-79 MW	0	6	1	3	20	22	11	11	74	51
	Q4.5_3 Projects 80-149 MW	0	1	2	1	1	14	2	1	22	51
	Q4.6_3 Projects 150+ MW	0	1	0	1	3	4	0	1	10	51
Number of applications withdrawnby size within region	Q4.3_41 Projects 500 KW up to 5 MW	0	1	1	1	0	7	2	0	12	51
	Q4.4_3 Projects 5-79 MW	0	2	0	2	0	2	2	0	8	51
	Q4.5_4 Projects 80-149 MW	0	0	1	2	1	4	0	0	8	51
	Q4.6_4 Projects 150+ MW	0	0	0	0	0	3	0	0	3	51
Number of applications denied by size within region	Q4.3_42 Projects 500 KW up to 5 MW	0	1	1	2	1	6	0	2	13	51
	Q4.4_4 Projects 5-79 MW	0	0	1	1	0	4	0	0	6	51
	Q4.5_5 Projects 80-149 MW	0	0	1	1	0	1	0	0	3	51
	Q4.6_5 Projects 150+ MW	0	0	1	0	0	0	0	0	1	51

Q4.8 Aware of local notice requirement * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q4.8 Aware of local notice requirement	1 Yes	Count	2	3	8	6	15	12	4	4	54
		% within demoregion Demographics Unit Regions	25.0%	30.0%	66.7%	66.7%	88.2%	85.7%	66.7%	80.0%	66.7%
	2 No	Count	6	5	3	1	2	2	2	1	22
		% within demoregion Demographics Unit Regions	75.0%	50.0%	25.0%	11.1%	11.8%	14.3%	33.3%	20.0%	27.2%
	5 Not sure	Count	0	2	1	2	0	0	0	0	5
		% within demoregion Demographics Unit Regions	0.0%	20.0%	8.3%	22.2%	0.0%	0.0%	0.0%	0.0%	6.2%
Total		Count	8	10	12	9	17	14	6	5	81
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	28.264[a]	14	0.013
Likelihood Ratio	27.908	14	0.015
Linear-by-Linear Association	7.436	1	0.006
N of Valid Cases	81		

a. 18 cells (75.0%) have expected count less than 5. The minimum expected count is .31.

VIRGINIA REGIONS

UTILITY SCALE SOLAR

Q4.9 Has your locality ever entered into a siting agreement negotiation process for a solar project? * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q4.9 Has your locality ever entered into a siting agreement negotiation process for a solar project?	1 Yes, at least one agreement was negotiated	Count	0	0	1	1	0	4	2	0	8
		% within demoregion Demographics Unit Regions	0.0%	0.0%	8.3%	11.1%	0.0%	28.6%	33.3%	0.0%	9.9%
	2 Negotiations are in progress, but not yet finalized	Count	0	0	1	1	4	2	1	1	10
		% within demoregion Demographics Unit Regions	0.0%	0.0%	8.3%	11.1%	23.5%	14.3%	16.7%	20.0%	12.3%
	3 No	Count	8	10	10	7	13	8	3	4	63
		% within demoregion Demographics Unit Regions	100.0%	100.0%	83.3%	77.8%	76.5%	57.1%	50.0%	80.0%	77.8%
Total		Count	8	10	12	9	17	14	6	5	81
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	19.332[a]	14	0.153
Likelihood Ratio	22.199	14	0.075
Linear-by-Linear Association	7.248	1	0.007
N of Valid Cases	81		

a. 18 cells (75.0%) have expected count less than 5. The minimum expected count is .49.

Q4.11_1 Solar facility regulations around-Avoidance of invasive species * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q4.11_1 Solar facility regulations around-Avoidance of invasive species	1 Yes	Count	1	1	5	6	7	6	3	3	32
		% within demoregion Demographics Unit Regions	12.5%	10.0%	41.7%	66.7%	41.2%	42.9%	50.0%	60.0%	39.5%
	2 No	Count	4	7	5	1	7	7	3	2	36
		% within demoregion Demographics Unit Regions	50.0%	70.0%	41.7%	11.1%	41.2%	50.0%	50.0%	40.0%	44.4%
	3 Not Sure	Count	3	2	2	2	3	1	0	0	13
		% within demoregion Demographics Unit Regions	37.5%	20.0%	16.7%	22.2%	17.6%	7.1%	0.0%	0.0%	16.0%
Total		Count	8	10	12	9	17	14	6	5	81
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	15.216[a]	14	0.364
Likelihood Ratio	18.364	14	0.191
Linear-by-Linear Association	6.946	1	0.008
N of Valid Cases	81		

a. 19 cells (79.2%) have expected count less than 5. The minimum expected count is .80.

Q4.11_2 Solar facility regulations around-Conservation easements * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q4.11_2 Solar facility regulations around-Conservation easements	1 Yes	Count	1	1	7	6	8	5	2	0	30
		% within demoregion Demographics Unit Regions	12.5%	10.0%	58.3%	66.7%	47.1%	35.7%	33.3%	0.0%	37.0%
	2 No	Count	4	8	4	1	9	8	4	5	43
		% within demoregion Demographics Unit Regions	50.0%	80.0%	33.3%	11.1%	52.9%	57.1%	66.7%	100.0%	53.1%
	3 Not Sure	Count	3	1	1	2	0	1	0	0	8
		% within demoregion Demographics Unit Regions	37.5%	10.0%	8.3%	22.2%	0.0%	7.1%	0.0%	0.0%	9.9%
Total		Count	8	10	12	9	17	14	6	5	81
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	27.261[a]	14	0.018
Likelihood Ratio	30.469	14	0.007
Linear-by-Linear Association	1.669	1	0.196
N of Valid Cases	81		

a. 18 cells (75.0%) have expected count less than 5. The minimum expected count is .49.

Q4.11_3 Solar facility regulations around Erosion and sediment control * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q4.11_3 Solar facility regulations around Erosion and sediment control	1 Yes	Count	6	7	10	8	16	12	5	4	68
		% within demoregion Demographics Unit Regions	75.0%	70.0%	83.3%	88.9%	94.1%	85.7%	100.0%	80.0%	85.0%
	2 No	Count	1	2	2	0	1	2	0	1	9
		% within demoregion Demographics Unit Regions	12.5%	20.0%	16.7%	0.0%	5.9%	14.3%	0.0%	20.0%	11.3%
	3 Not Sure	Count	1	1	0	1	0	0	0	0	3
		% within demoregion Demographics Unit Regions	12.5%	10.0%	0.0%	11.1%	0.0%	0.0%	0.0%	0.0%	3.8%
Total		Count	8	10	12	9	17	14	5	5	80
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	10.126[a]	14	0.753
Likelihood Ratio	12.137	14	0.595
Linear-by-Linear Association	2.901	1	0.089
N of Valid Cases	80		

a. 18 cells (75.0%) have expected count less than 5. The minimum expected count is .19.

Q4.11_4 Solar facility regulations around - Habitat fragmentation, wildlife-friendly design elements * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q4.11_4 Solar facility regulations around - Habitat fragmentation, wildlife-friendly design elements	1 Yes	Count	2	2	6	5	10	11	2	2	40
		% within demoregion Demographics Unit Regions	25.0%	20.0%	50.0%	55.6%	58.8%	78.6%	33.3%	40.0%	49.4%
	2 No	Count	4	7	5	3	6	3	3	3	34
		% within demoregion Demographics Unit Regions	50.0%	70.0%	41.7%	33.3%	35.3%	21.4%	50.0%	60.0%	42.0%
	3 Not Sure	Count	2	1	1	1	1	0	1	0	7
		% within demoregion Demographics Unit Regions	25.0%	10.0%	8.3%	11.1%	5.9%	0.0%	16.7%	0.0%	8.6%
Total		Count	8	10	12	9	17	14	6	5	81
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.930[a]	14	0.383
Likelihood Ratio	15.985	14	0.314
Linear-by-Linear Association	4.265	1	0.039
N of Valid Cases	81		

a. 18 cells (75.0%) have expected count less than 5. The minimum expected count is .43.

Q4.11_5 Solar facility regulations around - Historic, cultural resources * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q4.11_5 Solar facility regulations around - Historic, cultural resources	1 Yes	Count	1	4	8	7	15	9	4	5	53
		% within demoregion Demographics Unit Regions	12.5%	40.0%	66.7%	77.8%	88.2%	64.3%	66.7%	100.0%	65.4%
	2 No	Count	4	5	4	1	2	5	2	0	23
		% within demoregion Demographics Unit Regions	50.0%	50.0%	33.3%	11.1%	11.8%	35.7%	33.3%	0.0%	28.4%
	3 Not Sure	Count	3	1	0	1	0	0	0	0	5
		% within demoregion Demographics Unit Regions	37.5%	10.0%	0.0%	11.1%	0.0%	0.0%	0.0%	0.0%	6.2%
Total		Count	8	10	12	9	17	14	6	5	81
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	30.940[a]	14	0.006
Likelihood Ratio	30.481	14	0.007
Linear-by-Linear Association	14.131	1	0.000
N of Valid Cases	81		

a. 18 cells (75.0%) have expected count less than 5. The minimum expected count is .31.

Q4.11_6 Solar facility regulations around- Redevelopment of brownfields or previously-developed sites for solar * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q4.11_6 Solar facility regulations around- Redevelopment of brownfields or previously-developed sites for solar	1 Yes	Count	2	1	5	1	3	6	2	0	20
		% within demoregion Demographics Unit Regions	25.0%	10.0%	41.7%	11.1%	17.6%	42.9%	33.3%	0.0%	24.7%
	2 No	Count	4	8	7	4	13	6	4	5	51
		% within demoregion Demographics Unit Regions	50.0%	80.0%	58.3%	44.4%	76.5%	42.9%	66.7%	100.0%	63.0%
	3 Not Sure	Count	2	1	0	4	1	2	0	0	10
		% within demoregion Demographics Unit Regions	25.0%	10.0%	0.0%	44.4%	5.9%	14.3%	0.0%	0.0%	12.3%
Total		Count	8	10	12	9	17	14	6	5	81
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	22.326[a]	14	0.072
Likelihood Ratio	23.082	14	0.059
Linear-by-Linear Association	0.508	1	0.476
N of Valid Cases	81		

a. 18 cells (75.0%) have expected count less than 5. The minimum expected count is .62.

Q4.11_7 Solar facility regulations around - Pollinator-friendly species * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q4.11_7 Solar facility regulations around - Pollinator-friendly species	1 Yes	Count	1	3	5	2	8	7	1	3	30
		% within demoregion Demographics Unit Regions	12.5%	30.0%	41.7%	22.2%	47.1%	53.8%	16.7%	60.0%	37.5%
	2 No	Count	4	5	5	4	8	5	4	2	37
		% within demoregion Demographics Unit Regions	50.0%	50.0%	41.7%	44.4%	47.1%	38.5%	66.7%	40.0%	46.3%
	3 Not Sure	Count	3	2	2	3	1	1	1	0	13
		% within demoregion Demographics Unit Regions	37.5%	20.0%	16.7%	33.3%	5.9%	7.7%	16.7%	0.0%	16.3%
Total		Count	8	10	12	9	17	13	6	5	80
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	12.131[a]	14	0.596
Likelihood Ratio	12.922	14	0.533
Linear-by-Linear Association	4.475	1	0.034
N of Valid Cases	80		

a. 20 cells (83.3%) have expected count less than 5. The minimum expected count is .81.

Q4.11_8 Solar facility regulations around- Scenic rivers * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q4.11_8 Solar facility regulations around- Scenic rivers	1 Yes	Count	3	2	3	3	8	7	1	0	27
		% within demoregion Demographics Unit Regions	37.5%	20.0%	27.3%	33.3%	47.1%	50.0%	16.7%	0.0%	33.8%
	2 No	Count	3	7	7	3	8	5	4	5	42
		% within demoregion Demographics Unit Regions	37.5%	70.0%	63.6%	33.3%	47.1%	35.7%	66.7%	100.0%	52.5%
	3 Not Sure	Count	2	1	1	3	1	2	1	0	11
		% within demoregion Demographics Unit Regions	25.0%	10.0%	9.1%	33.3%	5.9%	14.3%	16.7%	0.0%	13.8%
Total		Count	8	10	11	9	17	14	6	5	80
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.981[a]	14	0.379
Likelihood Ratio	16.404	14	0.289
Linear-by-Linear Association	0.137	1	0.711
N of Valid Cases	80		

a. 19 cells (79.2%) have expected count less than 5. The minimum expected count is .69.

Q4.11_9 Solar facility regulations around - State Wildlife Action Plan * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q4.11_9 Solar facility regulations around - State Wildlife Action Plan	1 Yes	Count	1	0	2	1	4	2	1	0	11
		% within demoregion Demographics Unit Regions	12.5%	0.0%	16.7%	11.1%	23.5%	14.3%	16.7%	0.0%	13.6%
	2 No	Count	3	6	8	4	11	7	4	5	48
		% within demoregion Demographics Unit Regions	37.5%	60.0%	66.7%	44.4%	64.7%	50.0%	66.7%	100.0%	59.3%
	3 Not Sure	Count	4	4	2	4	2	5	1	0	22
		% within demoregion Demographics Unit Regions	50.0%	40.0%	16.7%	44.4%	11.8%	35.7%	16.7%	0.0%	27.2%
Total		Count	8	10	12	9	17	14	6	5	81
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	13.365[a]	14	0.498
Likelihood Ratio	16.359	14	0.292
Linear-by-Linear Association	2.190	1	0.139
N of Valid Cases	81		

a. 19 cells (79.2%) have expected count less than 5. The minimum expected count is .68.

Q4.12_1 Regulations enable - Pollinator-friendly planting * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q4.12_1 Regulations enable - Pollinator-friendly planting	1 Not allowed	Count	0	1	0	0	0	0	0	0	1
		% within demoregion Demographics Unit Regions	0.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%
	2 Allowed, but not recommended or required	Count	0	0	2	4	6	1	3	2	18
		% within demoregion Demographics Unit Regions	0.0%	0.0%	16.7%	44.4%	35.3%	7.1%	50.0%	40.0%	22.2%
	3 Recommended, but not required	Count	1	2	0	1	2	3	2	3	14
		% within demoregion Demographics Unit Regions	12.5%	20.0%	0.0%	11.1%	11.8%	21.4%	33.3%	60.0%	17.3%
	7 Required to be satisfied	Count	0	2	5	1	4	5	0	0	17
		% within demoregion Demographics Unit Regions	0.0%	20.0%	41.7%	11.1%	23.5%	35.7%	0.0%	0.0%	21.0%
	10 Silent, No Position	Count	7	5	5	3	5	5	1	0	31
		% within demoregion Demographics Unit Regions	87.5%	50.0%	41.7%	33.3%	29.4%	35.7%	16.7%	0.0%	38.3%
Total		Count	8	10	12	9	17	14	6	5	81
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	44.725[a]	28	0.024
Likelihood Ratio	48.881	28	0.009
Linear-by-Linear Association	11.952	1	0.001
N of Valid Cases	81		

a. 38 cells (95.0%) have expected count less than 5. The minimum expected count is .06.

Q4.12_2 Regulations enable - Vegetative ground cover (native or otherwise) * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q4.12_2 Regulations enable - Vegetative ground cover (native or otherwise)	1 Not allowed	Count	0	1	0	0	0	0	0	0	1
		% within demoregion Demographics Unit Regions	0.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%
	2 Allowed, but not recommended or required	Count	0	0	2	2	3	0	0	0	7
		% within demoregion Demographics Unit Regions	0.0%	0.0%	16.7%	22.2%	17.6%	0.0%	0.0%	0.0%	8.6%
	3 Recommended, but not required	Count	1	0	0	2	2	0	0	2	7
		% within demoregion Demographics Unit Regions	12.5%	0.0%	0.0%	22.2%	11.8%	0.0%	0.0%	40.0%	8.6%
	7 Required to be satisfied	Count	3	4	5	4	8	10	5	3	42
		% within demoregion Demographics Unit Regions	37.5%	40.0%	41.7%	44.4%	47.1%	71.4%	83.3%	60.0%	51.9%
	10 Silent, No Position	Count	4	5	5	1	4	4	1	0	24
		% within demoregion Demographics Unit Regions	50.0%	50.0%	41.7%	11.1%	23.5%	28.6%	16.7%	0.0%	29.6%
Total		Count	8	10	12	9	17	14	6	5	81
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	36.230[a]	28	0.137
Likelihood Ratio	37.366	28	0.111
Linear-by-Linear Association	1.551	1	0.213
N of Valid Cases	81		

a. 35 cells (87.5%) have expected count less than 5. The minimum expected count is .06.

Q4.12_3 Regulations enable - Animal grazing as a means of ground maintenance * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q4.12_3 Regulations enable - Animal grazing as a means of ground maintenance	1 Not allowed	Count	0	1	1	0	0	0	0	0	2
		% within demoregion Demographics Unit Regions	0.0%	10.0%	8.3%	0.0%	0.0%	0.0%	0.0%	0.0%	2.5%
	2 Allowed, but not recommended or required	Count	1	1	3	4	7	2	3	1	22
		% within demoregion Demographics Unit Regions	12.5%	10.0%	25.0%	44.4%	41.2%	14.3%	50.0%	20.0%	27.2%
	3 Recommended, but not required	Count	1	2	2	0	3	1	1	1	11
		% within demoregion Demographics Unit Regions	12.5%	20.0%	16.7%	0.0%	17.6%	7.1%	16.7%	20.0%	13.6%
	7 Required to be satisfied	Count	0	0	1	0	0	2	0	0	3
		% within demoregion Demographics Unit Regions	0.0%	0.0%	8.3%	0.0%	0.0%	14.3%	0.0%	0.0%	3.7%
	10 Silent, No Position	Count	6	6	5	5	7	9	2	3	43
		% within demoregion Demographics Unit Regions	75.0%	60.0%	41.7%	55.6%	41.2%	64.3%	33.3%	60.0%	53.1%
Total		Count	8	10	12	9	17	14	6	5	81
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	23.283[a]	28	0.719
Likelihood Ratio	24.531	28	0.653
Linear-by-Linear Association	0.302	1	0.583
N of Valid Cases	81		

a. 36 cells (90.0%) have expected count less than 5. The minimum expected count is .12.

Q4.12_4 Regulations enable - Apiary/Beekeeping * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q4.12_4 Regulations enable - Apiary/Beekeeping	1 Not allowed	Count	0	1	1	0	0	0	0	0	2
		% within demoregion Demographics Unit Regions	0.0%	10.0%	8.3%	0.0%	0.0%	0.0%	0.0%	0.0%	2.5%
	2 Allowed, but not recommended or required	Count	1	3	3	3	8	2	3	1	24
		% within demoregion Demographics Unit Regions	12.5%	30.0%	25.0%	33.3%	47.1%	14.3%	50.0%	20.0%	29.6%
	3 Recommended, but not required	Count	1	0	2	0	2	0	0	1	6
		% within demoregion Demographics Unit Regions	12.5%	0.0%	16.7%	0.0%	11.8%	0.0%	0.0%	20.0%	7.4%
	7 Required to be satisfied	Count	0	0	1	0	0	2	0	0	3
		% within demoregion Demographics Unit Regions	0.0%	0.0%	8.3%	0.0%	0.0%	14.3%	0.0%	0.0%	3.7%
	10 Silent, No Position	Count	6	6	5	6	7	10	3	3	46
		% within demoregion Demographics Unit Regions	75.0%	60.0%	41.7%	66.7%	41.2%	71.4%	50.0%	60.0%	56.8%
Total		Count	8	10	12	9	17	14	6	5	81
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	25.666[a]	28	0.591
Likelihood Ratio	27.729	28	0.479
Linear-by-Linear Association	0.008	1	0.931
N of Valid Cases	81		

a. 34 cells (85.0%) have expected count less than 5. The minimum expected count is .12.

Q4.12_5 Regulations enable - Dual-use of agriculture and solar photovoltaics (agrivoltaics) * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q4.12_5 Regulations enable - Dual-use of agriculture and solar photovoltaics (agrivoltaics)	1 Not allowed	Count	0	1	1	0	0	0	0	0	2
		% within demoregion Demographics Unit Regions	0.0%	10.0%	8.3%	0.0%	0.0%	0.0%	0.0%	0.0%	2.5%
	2 Allowed, but not recommended or required	Count	0	2	3	3	9	1	3	1	22
		% within demoregion Demographics Unit Regions	0.0%	20.0%	25.0%	33.3%	52.9%	7.1%	50.0%	20.0%	27.2%
	3 Recommended, but not required	Count	1	1	2	0	1	0	0	1	6
		% within demoregion Demographics Unit Regions	12.5%	10.0%	16.7%	0.0%	5.9%	0.0%	0.0%	20.0%	7.4%
	7 Required to be satisfied	Count	0	1	1	0	0	2	0	0	4
		% within demoregion Demographics Unit Regions	0.0%	10.0%	8.3%	0.0%	0.0%	14.3%	0.0%	0.0%	4.9%
	10 Silent, No Position	Count	7	5	5	6	7	11	3	3	47
		% within demoregion Demographics Unit Regions	87.5%	50.0%	41.7%	66.7%	41.2%	78.6%	50.0%	60.0%	58.0%
Total		Count	8	10	12	9	17	14	6	5	81
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	29.834[a]	28	0.371
Likelihood Ratio	34.043	28	0.199
Linear-by-Linear Association	0.051	1	0.821
N of Valid Cases	81		

a. 35 cells (87.5%) have expected count less than 5. The minimum expected count is .12.

Q4.12_6 Regulations enable - Soil health management * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q4.12_6 Regulations enable - Soil health management	1 Not allowed	Count	0	1	0	0	0	0	0	0	1
		% within demoregion Demographics Unit Regions	0.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%
	2 Allowed, but not recommended or required	Count	0	1	2	2	5	1	2	0	13
		% within demoregion Demographics Unit Regions	0.0%	10.0%	16.7%	22.2%	29.4%	7.1%	33.3%	0.0%	16.0%
	3 Recommended, but not required	Count	1	2	1	0	3	1	1	2	11
		% within demoregion Demographics Unit Regions	12.5%	20.0%	8.3%	0.0%	17.6%	7.1%	16.7%	40.0%	13.6%
	7 Required to be satisfied	Count	0	0	3	3	2	6	1	1	16
		% within demoregion Demographics Unit Regions	0.0%	0.0%	25.0%	33.3%	11.8%	42.9%	16.7%	20.0%	19.8%
	10 Silent, No Position	Count	7	6	6	4	7	6	2	2	40
		% within demoregion Demographics Unit Regions	87.5%	60.0%	50.0%	44.4%	41.2%	42.9%	33.3%	40.0%	49.4%
Total		Count	8	10	12	9	17	14	6	5	81
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	30.660[a]	28	0.332
Likelihood Ratio	31.927	28	0.278
Linear-by-Linear Association	1.986	1	0.159
N of Valid Cases	81		

a. 37 cells (92.5%) have expected count less than 5. The minimum expected count is .06.

Q5.1_1 Comprehensive plan references - Sustainability goals * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q5.1_1 Comprehensive plan references - Sustainability goals	1 Yes, adopted	Count	1	6	9	10	8	5	1	7	47
		% within demoregion Demographics Unit Regions	9.1%	46.2%	60.0%	62.5%	34.8%	29.4%	16.7%	87.5%	43.1%
	2 No, but we are in the process of updating to include	Count	1	0	1	2	7	2	1	0	14
		% within demoregion Demographics Unit Regions	9.1%	0.0%	6.7%	12.5%	30.4%	11.8%	16.7%	0.0%	12.8%
	3 No, but we are contemplating adding it in next revision cycle	Count	1	2	1	2	5	3	1	0	15
		% within demoregion Demographics Unit Regions	9.1%	15.4%	6.7%	12.5%	21.7%	17.6%	16.7%	0.0%	13.8%
	4 No, no current plans to include	Count	5	3	3	0	3	4	3	1	22
		% within demoregion Demographics Unit Regions	45.5%	23.1%	20.0%	0.0%	13.0%	23.5%	50.0%	12.5%	20.2%
	8 Not Sure	Count	3	2	1	2	0	3	0	0	11
		% within demoregion Demographics Unit Regions	27.3%	15.4%	6.7%	12.5%	0.0%	17.6%	0.0%	0.0%	10.1%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	42.007[a]	28	0.043
Likelihood Ratio	49.175	28	0.008
Linear-by-Linear Association	4.217	1	0.040
N of Valid Cases	109		

a. 35 cells (87.5%) have expected count less than 5. The minimum expected count is .61.

Q5.1_2 Comprehensive plan references - Renewable/Clean Energy * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q5.1_2 Comprehensive plan references - Renewable/Clean Energy	1 Yes, adopted	Count	0	2	7	9	5	4	0	3	30
		% within demoregion Demographics Unit Regions	0.0%	15.4%	46.7%	56.3%	21.7%	23.5%	0.0%	37.5%	27.5%
	2 No, but we are in the process of updating to include	Count	1	0	1	2	5	4	1	0	14
		% within demoregion Demographics Unit Regions	9.1%	0.0%	6.7%	12.5%	21.7%	23.5%	16.7%	0.0%	12.8%
	3 No, but we are contemplating adding it in next revision cycle	Count	1	5	2	2	7	3	1	3	24
		% within demoregion Demographics Unit Regions	9.1%	38.5%	13.3%	12.5%	30.4%	17.6%	16.7%	37.5%	22.0%
	4 No, no current plans to include	Count	5	4	4	2	5	5	4	2	31
		% within demoregion Demographics Unit Regions	45.5%	30.8%	26.7%	12.5%	21.7%	29.4%	66.7%	25.0%	28.4%
	8 Not Sure	Count	4	2	1	1	1	1	0	0	10
		% within demoregion Demographics Unit Regions	36.4%	15.4%	6.7%	6.3%	4.3%	5.9%	0.0%	0.0%	9.2%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	42.345[a]	28	0.040
Likelihood Ratio	44.829	28	0.023
Linear-by-Linear Association	6.583	1	0.010
N of Valid Cases	109		

a. 37 cells (92.5%) have expected count less than 5. The minimum expected count is .55.

Q5.1_3 Comprehensive plan references - Greenhouse gas emissions, carbon reduction strategies * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q5.1_3 Comprehensive plan references - Greenhouse gas emissions, carbon reduction strategies	1 Yes, adopted	Count	0	3	2	7	2	3	0	2	19
		% within demoregion Demographics Unit Regions	0.0%	23.1%	13.3%	43.8%	8.7%	17.6%	0.0%	25.0%	17.4%
	2 No, but we are in the process of updating to include	Count	0	0	1	0	5	2	0	0	8
		% within demoregion Demographics Unit Regions	0.0%	0.0%	6.7%	0.0%	21.7%	11.8%	0.0%	0.0%	7.3%
	3 No, but we are contemplating adding it in next revision cycle	Count	0	2	0	3	6	3	0	3	17
		% within demoregion Demographics Unit Regions	0.0%	15.4%	0.0%	18.8%	26.1%	17.6%	0.0%	37.5%	15.6%
	4 No, no current plans to include	Count	6	6	9	4	10	8	6	3	52
		% within demoregion Demographics Unit Regions	54.5%	46.2%	60.0%	25.0%	43.5%	47.1%	100.0%	37.5%	47.7%
	8 Not Sure	Count	5	2	3	2	0	1	0	0	13
		% within demoregion Demographics Unit Regions	45.5%	15.4%	20.0%	12.5%	0.0%	5.9%	0.0%	0.0%	11.9%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	53.397[a]	28	0.003
Likelihood Ratio	59.815	28	0.000
Linear-by-Linear Association	10.022	1	0.002
N of Valid Cases	109		

a. 34 cells (85.0%) have expected count less than 5. The minimum expected count is .44.

Q5.1_4 Comprehensive plan references - Community disaster preparedness and energy resiliency * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q5.1_4 Comprehensive plan references - Community disaster preparedness and energy resiliency	1 Yes, adopted	Count	0	4	3	3	6	2	1	1	20
		% within demoregion Demographics Unit Regions	0.0%	30.8%	20.0%	18.8%	26.1%	11.8%	16.7%	12.5%	18.3%
	2 No, but we are in the process of updating to include	Count	0	1	1	1	7	3	1	0	14
		% within demoregion Demographics Unit Regions	0.0%	7.7%	6.7%	6.3%	30.4%	17.6%	16.7%	0.0%	12.8%
	3 No, but we are contemplating adding it in next revision cycle	Count	1	3	1	3	7	3	2	2	22
		% within demoregion Demographics Unit Regions	9.1%	23.1%	6.7%	18.8%	30.4%	17.6%	33.3%	25.0%	20.2%
	4 No, no current plans to include	Count	4	3	7	4	3	6	2	5	34
		% within demoregion Demographics Unit Regions	36.4%	23.1%	46.7%	25.0%	13.0%	35.3%	33.3%	62.5%	31.2%
	8 Not Sure	Count	6	2	3	5	0	3	0	0	19
		% within demoregion Demographics Unit Regions	54.5%	15.4%	20.0%	31.3%	0.0%	17.6%	0.0%	0.0%	17.4%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	41.756[a]	28	0.046
Likelihood Ratio	48.034	28	0.011
Linear-by-Linear Association	7.330	1	0.007
N of Valid Cases	109		

a. 38 cells (95.0%) have expected count less than 5. The minimum expected count is .77.

Q5.2 Comprehensive plan prioritizes general areas for solar generation * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q5.2 Comprehensive plan prioritizes general areas for solar generation	1 Yes	Count	1	1	3	4	2	5	1	1	18
		% within demoregion Demographics Unit Regions	9.1%	7.7%	20.0%	25.0%	8.7%	29.4%	16.7%	12.5%	16.5%
	2 No	Count	9	12	9	10	17	11	3	5	76
		% within demoregion Demographics Unit Regions	81.8%	92.3%	60.0%	62.5%	73.9%	64.7%	50.0%	62.5%	69.7%
	4 Other (Please explain)	Count	1	0	3	2	4	1	2	2	15
		% within demoregion Demographics Unit Regions	9.1%	0.0%	20.0%	12.5%	17.4%	5.9%	33.3%	25.0%	13.8%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	12.246[a]	14	0.587
Likelihood Ratio	13.514	14	0.487
Linear-by-Linear Association	0.587	1	0.444
N of Valid Cases	109		

a. 17 cells (70.8%) have expected count less than 5. The minimum expected count is .83.

5.3_1-5.3_6*$land*demoregion Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
$land Identified Land characteristics.[a]	Q5.3_1 Identified land characteristics-Previously-disturbed land, brownfields, coal-impacted lands including Abandoned Mine Lands	Count	1	0	0	1	1	4	0	0	7
		% within demoregion	100.0%	0.0%	0.0%	25.0%	50.0%	80.0%	0.0%	0.0%	
	Q5.3_2 Identified land characteristics-Industrial land	Count	0	0	1	1	1	3	0	0	6
		% within demoregion	0.0%	0.0%	33.3%	25.0%	50.0%	60.0%	0.0%	0.0%	
	Q5.3_3 Identified land characteristics-Agricultural land	Count	0	1	1	3	1	3	1	0	10
		% within demoregion	0.0%	100.0%	33.3%	75.0%	50.0%	60.0%	100.0%	0.0%	
	Q5.3_4 Identified land characteristics-Land adjacent or within a certain proximity to existing electric infrastructure/grid	Count	1	1	1	2	2	2	0	1	10
		% within demoregion	100.0%	100.0%	33.3%	50.0%	100.0%	40.0%	0.0%	100.0%	
	Q5.3_5 Identified land characteristics-Commercial timber land	Count	0	1	0	1	0	0	0	0	2
		% within demoregion	0.0%	100.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	
	Q5.3_6 Identified land characteristics-Other	Count	0	0	1	0	0	0	0	1	2
		% within demoregion	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%	100.0%	
Total		Count	1	1	3	4	2	5	1	1	18

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q6.1 Has a zoning ordinance * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q6.1 Has a zoning ordinance	1 Yes	Count	8	12	15	16	21	14	6	8	100
		% within demoregion Demographics Unit Regions	72.7%	92.3%	100.0%	100.0%	91.3%	82.4%	100.0%	100.0%	91.7%
	2 No	Count	3	1	0	0	2	3	0	0	9
		% within demoregion Demographics Unit Regions	27.3%	7.7%	0.0%	0.0%	8.7%	17.6%	0.0%	0.0%	8.3%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	11.291[a]	7	0.126
Likelihood Ratio	12.754	7	0.078
Linear-by-Linear Association	0.999	1	0.318
N of Valid Cases	109		

a. 8 cells (50.0%) have expected count less than 5. The minimum expected count is .50.

Q6.2 Provides clear regulatory pathway for approval of distributed generation solar projects * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q6.2 Provides clear regulatory pathway for approval of distributed generation solar projects	1 Yes	Count	2	4	6	7	12	7	5	5	48
		% within demoregion Demographics Unit Regions	25.0%	33.3%	40.0%	43.8%	57.1%	50.0%	83.3%	62.5%	48.0%
	2 No	Count	4	6	7	6	7	4	1	3	38
		% within demoregion Demographics Unit Regions	50.0%	50.0%	46.7%	37.5%	33.3%	28.6%	16.7%	37.5%	38.0%
	3 Not Sure	Count	2	2	2	3	2	3	0	0	14
		% within demoregion Demographics Unit Regions	25.0%	16.7%	13.3%	18.8%	9.5%	21.4%	0.0%	0.0%	14.0%
Total		Count	8	12	15	16	21	14	6	8	100
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	10.018[a]	14	0.761
Likelihood Ratio	11.850	14	0.618
Linear-by-Linear Association	5.528	1	0.019
N of Valid Cases	100		

a. 15 cells (62.5%) have expected count less than 5. The minimum expected count is .84.

VIRGINIA REGIONS

ZONING

Q6.3 Regulatory pathway is an admin process * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q6.3 Regulatory pathway is an admin process	1 Yes	Count	0	3	2	3	6	2	0	3	19
		% within demoregion Demographics Unit Regions	0.0%	75.0%	33.3%	42.9%	50.0%	28.6%	0.0%	60.0%	39.6%
	2 No	Count	2	1	2	1	5	5	5	2	23
		% within demoregion Demographics Unit Regions	100.0%	25.0%	33.3%	14.3%	41.7%	71.4%	100.0%	40.0%	47.9%
	3 Not Sure	Count	0	0	0	0	1	0	0	0	1
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	0.0%	8.3%	0.0%	0.0%	0.0%	2.1%
	4 Other (Please explain)	Count	0	0	2	3	0	0	0	0	5
		% within demoregion Demographics Unit Regions	0.0%	0.0%	33.3%	42.9%	0.0%	0.0%	0.0%	0.0%	10.4%
Total		Count	2	4	6	7	12	7	5	5	48
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	29.220[a]	21	0.109
Likelihood Ratio	30.530	21	0.082
Linear-by-Linear Association	0.739	1	0.390
N of Valid Cases	48		

a. 31 cells (96.9%) have expected count less than 5. The minimum expected count is .04.

VIRGINIA REGIONS

ZONING

Q6.4 Provides clear regulatory pathway for approval of utility scale solar projects * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q6.4 Provides clear regulatory pathway for approval of utility scale solar projects	1 Yes	Count	2	5	8	9	13	10	5	4	56
		% within demoregion Demographics Unit Regions	25.0%	41.7%	53.3%	56.3%	61.9%	71.4%	83.3%	50.0%	56.0%
	2 No	Count	3	5	4	2	4	3	1	1	23
		% within demoregion Demographics Unit Regions	37.5%	41.7%	26.7%	12.5%	19.0%	21.4%	16.7%	12.5%	23.0%
	3 Not sure	Count	2	0	1	1	2	1	0	0	7
		% within demoregion Demographics Unit Regions	25.0%	0.0%	6.7%	6.3%	9.5%	7.1%	0.0%	0.0%	7.0%
	5 Not applicable because our locality is too small or developed to accomodate any utility scale solar projects	Count	1	2	2	4	2	0	0	3	14
		% within demoregion Demographics Unit Regions	12.5%	16.7%	13.3%	25.0%	9.5%	0.0%	0.0%	37.5%	14.0%
Total		Count	8	12	15	16	21	14	6	8	100
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	20.907[a]	21	0.465
Likelihood Ratio	22.806	21	0.354
Linear-by-Linear Association	0.895	1	0.344
N of Valid Cases	100		

a. 27 cells (84.4%) have expected count less than 5. The minimum expected count is .42.

Q6.5_1-6.5_5*$path*demoregion Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
$path Regulatory pathway.[a]	Q6.5_2 Regulatory pathway for utility scale solar projec-With a conditional use permit, special use permit, special exception permit	Count	2	5	7	8	12	10	5	4	53
		% within demoregion	100.0%	100.0%	87.5%	88.9%	92.3%	100.0%	100.0%	100.0%	
	Q6.5_1 Regulatory pathway for utility scale solar project-By-right in certain districts	Count	0	0	4	4	2	0	0	1	11
		% within demoregion	0.0%	0.0%	50.0%	44.4%	15.4%	0.0%	0.0%	25.0%	
	Q6.5_3 Regulatory pathway for utility scale solar project-In an overlay district	Count	0	0	0	0	1	0	0	0	1
		% within demoregion	0.0%	0.0%	0.0%	0.0%	7.7%	0.0%	0.0%	0.0%	
	Q6.5_4 Regulatory pathway for utility scale solar project-In a floating district	Count	0	0	0	0	1	0	1	0	2
		% within demoregion	0.0%	0.0%	0.0%	0.0%	7.7%	0.0%	20.0%	0.0%	
	Q6.5_5 Regulatory pathway for utility scale solar project-Other	Count	0	0	0	1	0	0	0	1	2
		% within demoregion	0.0%	0.0%	0.0%	11.1%	0.0%	0.0%	0.0%	25.0%	
Total		Count	2	5	8	9	13	10	5	4	56

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q6.9_1, 6.9_2, 6.9_4*$additions*demoregion Crosstabulation

			demoregion Demographics Unit Regions					Total
			1.00 Southwest	2.00 West Central	3.00 Valley	5.00 Central	6.00 Southside	
$additions Regulatory pathway additions.[a]	Q6.9_1 Regulatory pathway additions- By-right in certain districts	Count	0	0	1	1	1	3
		% within demoregion	0.0%	0.0%	50.0%	50.0%	100.0%	
	Q6.9_2 Regulatory pathway additions- With a conditional use permit/special use permit/special exception in specific districts	Count	1	2	1	2	1	7
		% within demoregion	100.0%	100.0%	50.0%	100.0%	100.0%	
	Q6.9_4 Regulatory pathway additions- In an overlay district	Count	1	0	0	0	0	1
		% within demoregion	100.0%	0.0%	0.0%	0.0%	0.0%	
Total		Count	1	2	2	2	1	8

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

VIRGINIA REGIONS

ZONING

Q6.10 Adopted a solar ordinance * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q6.10 Adopted a solar ordinance	1 Yes	Count	2	2	5	5	12	11	5	3	45
		% within demoregion Demographics Unit Regions	18.2%	15.4%	33.3%	31.3%	52.2%	64.7%	83.3%	37.5%	41.3%
	2 We are in the process of adopting a solar ordinance	Count	0	3	4	1	1	1	0	0	10
		% within demoregion Demographics Unit Regions	0.0%	23.1%	26.7%	6.3%	4.3%	5.9%	0.0%	0.0%	9.2%
	3 No	Count	8	7	5	7	8	4	1	3	43
		% within demoregion Demographics Unit Regions	72.7%	53.8%	33.3%	43.8%	34.8%	23.5%	16.7%	37.5%	39.4%
	4 Not sure	Count	0	0	0	0	1	0	0	0	1
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	0.0%	4.3%	0.0%	0.0%	0.0%	0.9%
	6 Other (Please explain)	Count	1	1	1	3	1	1	0	2	10
		% within demoregion Demographics Unit Regions	9.1%	7.7%	6.7%	18.8%	4.3%	5.9%	0.0%	25.0%	9.2%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	35.636[a]	28	0.152
Likelihood Ratio	34.468	28	0.186
Linear-by-Linear Association	2.455	1	0.117
N of Valid Cases	109		

a. 30 cells (75.0%) have expected count less than 5. The minimum expected count is .06.

Q6.11_1-6.11_7*$address*demoregion Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
$address Solar ordinance applications.[a]	Q6.11_2 Solar ordinance addresses-Residential	Count	1	3	7	2	9	9	3	2	36
		% within demoregion	50.0%	60.0%	77.8%	33.3%	69.2%	75.0%	60.0%	66.7%	
	Q6.11_1 Solar ordinance addresses-Commercial, Institutional	Count	1	2	6	3	9	7	3	2	33
		% within demoregion	50.0%	40.0%	66.7%	50.0%	69.2%	58.3%	60.0%	66.7%	
	Q6.11_6 Solar ordinance addresses-Agricultural generators	Count	1	3	5	2	2	2	2	1	18
		% within demoregion	50.0%	60.0%	55.6%	33.3%	15.4%	16.7%	40.0%	33.3%	
	Q6.11_3 Solar ordinance addresses-Shared or Community solar	Count	1	1	5	1	2	2	3	0	15
		% within demoregion	50.0%	20.0%	55.6%	16.7%	15.4%	16.7%	60.0%	0.0%	
	Q6.11_4 Solar ordinance addresses-Utility scale solar	Count	2	4	9	6	11	12	5	2	51
		% within demoregion	100.0%	80.0%	100.0%	100.0%	84.6%	100.0%	100.0%	66.7%	
	Q6.11_7 Solar ordinance addresses-Not sure	Count	0	1	0	0	0	0	0	0	1
		% within demoregion	0.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	Q6.11_5 Solar ordinance addresses-Other	Count	0	0	1	0	0	0	0	1	2
		% within demoregion	0.0%	0.0%	11.1%	0.0%	0.0%	0.0%	0.0%	33.3%	
Total		Count	2	5	9	6	13	12	5	3	55

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q6.12_1-6.12_9*$ord*demoregion Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
$ord Solar ordinance topics.[a]	Q6.12_1 Solar ordinance addresses-Provisions for generally accepted national standards for solar panels	Count	0	4	5	1	8	6	3	1	28
		% within demoregion	0.0%	80.0%	55.6%	16.7%	61.5%	50.0%	60.0%	33.3%	
	Q6.12_2 Solar ordinance addresses-Provisions for generally accepted national standards for battery storage technologies for solar photovoltaic	Count	0	4	4	1	3	0	3	1	16
		% within demoregion	0.0%	80.0%	44.4%	16.7%	23.1%	0.0%	60.0%	33.3%	
	Q6.12_3 Solar ordinance addresses-Property line setbacks	Count	2	5	8	6	12	12	4	3	52
		% within demoregion	100.0%	100.0%	88.9%	100.0%	92.3%	100.0%	80.0%	100.0%	
	Q6.12_4 Solar ordinance addresses-Vegetated buffers or screening	Count	1	5	8	5	13	12	4	1	49
		% within demoregion	50.0%	100.0%	88.9%	83.3%	100.0%	100.0%	80.0%	33.3%	
	Q6.12_5 Solar ordinance addresses-Erosion & sediment control	Count	1	5	7	5	13	11	4	0	46
		% within demoregion	50.0%	100.0%	77.8%	83.3%	100.0%	91.7%	80.0%	0.0%	
	Q6.12_6 Solar ordinance addresses-Agricultural lands	Count	1	3	3	5	6	9	2	1	30
		% within demoregion	50.0%	60.0%	33.3%	83.3%	46.2%	75.0%	40.0%	33.3%	
	Q6.12_7 Solar ordinance addresses-Decommissioning Plan requirements above and beyond state code requirements	Count	1	3	7	6	12	11	4	1	45
		% within demoregion	50.0%	60.0%	77.8%	100.0%	92.3%	91.7%	80.0%	33.3%	
	Q6.12_9 Solar ordinance addresses-Agrivoltaics	Count	0	1	3	1	0	0	1	0	6
		% within demoregion	0.0%	20.0%	33.3%	16.7%	0.0%	0.0%	20.0%	0.0%	
	Q6.12_8 Solar ordinance addresses-Other	Count	0	0	1	1	0	0	1	0	3
		% within demoregion	0.0%	0.0%	11.1%	16.7%	0.0%	0.0%	20.0%	0.0%	
Total		Count	2	5	9	6	13	12	5	3	55

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q7.1 Considered economic impacts * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q7.1 Considered economic impacts	1 Yes	Count	0	2	5	4	10	8	6	2	37
		% within demoregion Demographics Unit Regions	0.0%	15.4%	33.3%	25.0%	43.5%	47.1%	100.0%	25.0%	33.9%
	2 No	Count	5	8	9	10	12	6	0	5	55
		% within demoregion Demographics Unit Regions	45.5%	61.5%	60.0%	62.5%	52.2%	35.3%	0.0%	62.5%	50.5%
	3 Not sure	Count	6	3	1	2	1	3	0	1	17
		% within demoregion Demographics Unit Regions	54.5%	23.1%	6.7%	12.5%	4.3%	17.6%	0.0%	12.5%	15.6%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	34.885[a]	14	0.002
Likelihood Ratio	36.840	14	0.001
Linear-by-Linear Association	12.982	1	0.000
N of Valid Cases	109		

a. 14 cells (58.3%) have expected count less than 5. The minimum expected count is .94.

Q7.2_1 Importance of direct economic impacts on approval decision * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q7.2_1 Importance of direct economic impacts on approval decision	2.00 Not at all important	Count	0	0	1	3	1	0	0	2	7
		% within demoregion Demographics Unit Regions	0.0%	0.0%	10.0%	27.3%	5.3%	0.0%	0.0%	40.0%	8.9%
	3.00 Slightly important	Count	2	1	2	3	3	2	1	1	15
		% within demoregion Demographics Unit Regions	50.0%	11.1%	20.0%	27.3%	15.8%	13.3%	16.7%	20.0%	19.0%
	4.00 Moderately important	Count	2	5	4	4	5	3	2	1	26
		% within demoregion Demographics Unit Regions	50.0%	55.6%	40.0%	36.4%	26.3%	20.0%	33.3%	20.0%	32.9%
	5.00 Very important	Count	0	3	3	1	10	10	3	1	31
		% within demoregion Demographics Unit Regions	0.0%	33.3%	30.0%	9.1%	52.6%	66.7%	50.0%	20.0%	39.2%
Total		Count	4	9	10	11	19	15	6	5	79
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	28.105[a]	21	0.137
Likelihood Ratio	28.639	21	0.123
Linear-by-Linear Association	0.648	1	0.421
N of Valid Cases	79		

a. 29 cells (90.6%) have expected count less than 5. The minimum expected count is .35.

Q7.3_1 Importance of indirect economic effects-Generation of local construction jobs * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q7.3_1 Importance of indirect economic effects-Generation of local construction jobs	2.00 Not at all important	Count	1	1	2	7	4	1	0	2	18
		% within demoregion Demographics Unit Regions	16.7%	10.0%	16.7%	58.3%	23.5%	7.1%	0.0%	50.0%	22.5%
	3.00 Slightly important	Count	0	3	6	3	5	5	2	1	25
		% within demoregion Demographics Unit Regions	0.0%	30.0%	50.0%	25.0%	29.4%	35.7%	40.0%	25.0%	31.3%
	4.00 Moderately important	Count	4	4	2	2	4	1	3	1	21
		% within demoregion Demographics Unit Regions	66.7%	40.0%	16.7%	16.7%	23.5%	7.1%	60.0%	25.0%	26.3%
	5.00 Very important	Count	1	2	2	0	4	7	0	0	16
		% within demoregion Demographics Unit Regions	16.7%	20.0%	16.7%	0.0%	23.5%	50.0%	0.0%	0.0%	20.0%
Total		Count	6	10	12	12	17	14	5	4	80
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	35.586[a]	21	0.024
Likelihood Ratio	38.109	21	0.013
Linear-by-Linear Association	0.037	1	0.848
N of Valid Cases	80		

a. 31 cells (96.9%) have expected count less than 5. The minimum expected count is .80.

Q7.3_2 Importance of indirect economic effects-Increased revenue and demand for local businesses and services during construction and decommissioning * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q7.3_2 Importance of indirect economic effects-Increased revenue and demand for local businesses and services during construction and decommissioning	2.00 Not at all important	Count	0	1	4	6	3	1	0	3	18
		% within demoregion Demographics Unit Regions	0.0%	11.1%	33.3%	50.0%	16.7%	7.7%	0.0%	60.0%	23.1%
	3.00 Slightly important	Count	0	3	4	4	4	5	2	2	24
		% within demoregion Demographics Unit Regions	0.0%	33.3%	33.3%	33.3%	22.2%	38.5%	50.0%	40.0%	30.8%
	4.00 Moderately important	Count	4	3	2	2	9	2	2	0	24
		% within demoregion Demographics Unit Regions	80.0%	33.3%	16.7%	16.7%	50.0%	15.4%	50.0%	0.0%	30.8%
	5.00 Very important	Count	1	2	2	0	2	5	0	0	12
		% within demoregion Demographics Unit Regions	20.0%	22.2%	16.7%	0.0%	11.1%	38.5%	0.0%	0.0%	15.4%
Total		Count	5	9	12	12	18	13	4	5	78
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	33.456[a]	21	0.041
Likelihood Ratio	38.027	21	0.013
Linear-by-Linear Association	1.182	1	0.277
N of Valid Cases	78		

a. 30 cells (93.8%) have expected count less than 5. The minimum expected count is .62.

Q7.3_3 Importance of indirect economic effects-Increased revenue and demand for local businesses and services * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q7.3_3 Importance of indirect economic effects-Increased revenue and demand for local businesses and services	2.00 Not at all important	Count	0	1	1	4	5	1	2	2	16
		% within demoregion Demographics Unit Regions	0.0%	11.1%	9.1%	36.4%	27.8%	7.7%	50.0%	40.0%	21.1%
	3.00 Slightly important	Count	1	1	5	4	5	5	1	3	25
		% within demoregion Demographics Unit Regions	20.0%	11.1%	45.5%	36.4%	27.8%	38.5%	25.0%	60.0%	32.9%
	4.00 Moderately important	Count	3	3	2	3	6	1	1	0	19
		% within demoregion Demographics Unit Regions	60.0%	33.3%	18.2%	27.3%	33.3%	7.7%	25.0%	0.0%	25.0%
	5.00 Very important	Count	1	4	3	0	2	6	0	0	16
		% within demoregion Demographics Unit Regions	20.0%	44.4%	27.3%	0.0%	11.1%	46.2%	0.0%	0.0%	21.1%
Total		Count	5	9	11	11	18	13	4	5	76
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	28.684[a]	21	0.122
Likelihood Ratio	33.614	21	0.040
Linear-by-Linear Association	5.133	1	0.023
N of Valid Cases	76		

a. 31 cells (96.9%) have expected count less than 5. The minimum expected count is .84.

Q7.3_4 Importance of indirect economic effects-Financial benefits to the property owner leasing their land to the solar developer * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q7.3_4 Importance of indirect economic effects-Financial benefits to the property owner leasing their land to the solar developer	2.00 Not at all important	Count	0	1	6	5	6	4	2	2	26
		% within demoregion Demographics Unit Regions	0.0%	12.5%	50.0%	55.6%	33.3%	30.8%	40.0%	40.0%	34.7%
	3.00 Slightly important	Count	3	4	3	2	10	4	2	1	29
		% within demoregion Demographics Unit Regions	60.0%	50.0%	25.0%	22.2%	55.6%	30.8%	40.0%	20.0%	38.7%
	4.00 Moderately important	Count	2	2	0	2	0	2	1	1	10
		% within demoregion Demographics Unit Regions	40.0%	25.0%	0.0%	22.2%	0.0%	15.4%	20.0%	20.0%	13.3%
	5.00 Very important	Count	0	1	3	0	2	3	0	1	10
		% within demoregion Demographics Unit Regions	0.0%	12.5%	25.0%	0.0%	11.1%	23.1%	0.0%	20.0%	13.3%
Total		Count	5	8	12	9	18	13	5	5	75
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	22.328[a]	21	0.381
Likelihood Ratio	29.051	21	0.113
Linear-by-Linear Association	0.175	1	0.675
N of Valid Cases	75		

a. 29 cells (90.6%) have expected count less than 5. The minimum expected count is .67.

Q7.4_1 Familiarity with changes to (M&T) tax exemption for solar projects /Familiarity with tax model options * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q7.4_1 Familiarity with changes to (M&T) tax exemption for solar projects /Familiarity with tax model options	1.00 Not at all	Count	8	8	8	6	2	3	1	5	41
		% within demoregion Demographics Unit Regions	88.9%	61.5%	53.3%	42.9%	9.1%	17.6%	16.7%	62.5%	39.4%
	2.00 Slightly familiar	Count	1	1	3	5	12	6	0	1	29
		% within demoregion Demographics Unit Regions	11.1%	7.7%	20.0%	35.7%	54.5%	35.3%	0.0%	12.5%	27.9%
	3.00 Moderately familiar	Count	0	2	2	3	6	4	3	1	21
		% within demoregion Demographics Unit Regions	0.0%	15.4%	13.3%	21.4%	27.3%	23.5%	50.0%	12.5%	20.2%
	4.00 Very familiar	Count	0	2	2	0	2	4	2	1	13
		% within demoregion Demographics Unit Regions	0.0%	15.4%	13.3%	0.0%	9.1%	23.5%	33.3%	12.5%	12.5%
Total		Count	9	13	15	14	22	17	6	8	104
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	41.524[a]	21	0.005
Likelihood Ratio	47.276	21	0.001
Linear-by-Linear Association	9.086	1	0.003
N of Valid Cases	104		

a. 26 cells (81.3%) have expected count less than 5. The minimum expected count is .75.

Q7.5 Evaluated the potential economic impacts of adopting a revenue share assessment ordinance * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q7.5 Evaluated the potential economic impacts of adopting a revenue share assessment ordinance	1 Yes	Count	0	2	3	1	8	9	4	2	29
		% within demoregion Demographics Unit Regions	0.0%	15.4%	20.0%	6.3%	34.8%	52.9%	66.7%	25.0%	26.6%
	2 No	Count	7	7	7	11	11	6	2	2	53
		% within demoregion Demographics Unit Regions	63.6%	53.8%	46.7%	68.8%	47.8%	35.3%	33.3%	25.0%	48.6%
	3 Not sure	Count	4	4	5	4	4	2	0	4	27
		% within demoregion Demographics Unit Regions	36.4%	30.8%	33.3%	25.0%	17.4%	11.8%	0.0%	50.0%	24.8%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	25.113[a]	14	0.033
Likelihood Ratio	28.493	14	0.012
Linear-by-Linear Association	6.981	1	0.008
N of Valid Cases	109		

a. 16 cells (66.7%) have expected count less than 5. The minimum expected count is 1.49.

Q7.6 Used SolTax * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q7.6 Used SolTax	1 Yes	Count	0	1	2	1	5	4	1	1	15
		% within demoregion Demographics Unit Regions	0.0%	7.7%	13.3%	6.3%	21.7%	23.5%	16.7%	12.5%	13.8%
	2 No	Count	7	7	9	11	13	9	3	4	63
		% within demoregion Demographics Unit Regions	63.6%	53.8%	60.0%	68.8%	56.5%	52.9%	50.0%	50.0%	57.8%
	5 Not sure	Count	4	5	4	4	5	4	2	3	31
		% within demoregion Demographics Unit Regions	36.4%	38.5%	26.7%	25.0%	21.7%	23.5%	33.3%	37.5%	28.4%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	7.050[a]	14	0.933
Likelihood Ratio	8.371	14	0.869
Linear-by-Linear Association	0.640	1	0.424
N of Valid Cases	109		

a. 17 cells (70.8%) have expected count less than 5. The minimum expected count is .83.

Q7.7 Adopted a revenue share ordinance * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q7.7 Adopted a revenue share ordinance	1 Yes, adopted	Count	0	0	0	0	0	4	3	0	7
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	0.0%	0.0%	23.5%	50.0%	0.0%	6.4%
	2 Yes, in the process of adopting	Count	0	2	0	0	4	2	1	0	9
		% within demoregion Demographics Unit Regions	0.0%	15.4%	0.0%	0.0%	17.4%	11.8%	16.7%	0.0%	8.3%
	3 No	Count	6	7	9	12	16	8	1	6	65
		% within demoregion Demographics Unit Regions	54.5%	53.8%	60.0%	75.0%	69.6%	47.1%	16.7%	75.0%	59.6%
	4 Not sure	Count	5	4	6	4	3	3	1	2	28
		% within demoregion Demographics Unit Regions	45.5%	30.8%	40.0%	25.0%	13.0%	17.6%	16.7%	25.0%	25.7%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	47.846[a]	21	0.001
Likelihood Ratio	43.383	21	0.003
Linear-by-Linear Association	10.314	1	0.001
N of Valid Cases	109		

a. 25 cells (78.1%) have expected count less than 5. The minimum expected count is .39.

Q7.8 Extent considering establishing a green bank * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q7.8 Extent considering establishing a green bank	1 Not at all: we did not know about the authorizing legislation and/or are unfamiliar with what a green bank is.	Count	4	5	8	4	5	8	1	3	38
		% within demoregion Demographics Unit Regions	36.4%	38.5%	53.3%	25.0%	21.7%	47.1%	16.7%	37.5%	34.9%
	2 Not actively: we are aware of green banks and the authorizing legislation, but we are not actively pursuing establishing one.	Count	1	2	5	4	5	1	2	2	22
		% within demoregion Demographics Unit Regions	9.1%	15.4%	33.3%	25.0%	21.7%	5.9%	33.3%	25.0%	20.2%
	3 Actively: we have had/are having discussions about potentially establishing a green bank.	Count	0	0	0	2	0	0	0	0	2
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	12.5%	0.0%	0.0%	0.0%	0.0%	1.8%
	4 Not sure if this is being considered at this time.	Count	6	6	2	6	13	8	3	3	47
		% within demoregion Demographics Unit Regions	54.5%	46.2%	13.3%	37.5%	56.5%	47.1%	50.0%	37.5%	43.1%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	25.394[a]	21	0.230
Likelihood Ratio	23.116	21	0.338
Linear-by-Linear Association	0.198	1	0.657
N of Valid Cases	109		

a. 23 cells (71.9%) have expected count less than 5. The minimum expected count is .11.

VIRGINIA REGIONS

ENERGY STORAGE

Q8.1 Have policies or codes that address large energy storage * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q8.1 Have policies or codes that address large energy storage	1 Yes	Count	1	2	3	3	5	0	2	4	20
		% within demoregion Demographics Unit Regions	9.1%	15.4%	20.0%	18.8%	21.7%	0.0%	33.3%	50.0%	18.3%
	2 No	Count	7	7	10	11	14	14	3	2	68
		% within demoregion Demographics Unit Regions	63.6%	53.8%	66.7%	68.8%	60.9%	82.4%	50.0%	25.0%	62.4%
	3 Not sure	Count	3	4	2	2	4	3	1	2	21
		% within demoregion Demographics Unit Regions	27.3%	30.8%	13.3%	12.5%	17.4%	17.6%	16.7%	25.0%	19.3%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.438[a]	14	0.418
Likelihood Ratio	16.458	14	0.286
Linear-by-Linear Association	1.438	1	0.230
N of Valid Cases	109		

a. 18 cells (75.0%) have expected count less than 5. The minimum expected count is 1.10.

Q8.2 Require emergency preparedness plans for utility scale battery storage projects * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions							Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	7.00 Eastern	8.00 Hampton Roads	
Q8.2 Require emergency preparedness plans for utility scale battery storage projects	1 Yes	Count	1	1	3	1	1	2	1	10
		% within demoregion Demographics Unit Regions	100.0%	50.0%	100.0%	33.3%	20.0%	100.0%	25.0%	50.0%
	2 No	Count	0	1	0	2	4	0	3	10
		% within demoregion Demographics Unit Regions	0.0%	50.0%	0.0%	66.7%	80.0%	0.0%	75.0%	50.0%
Total		Count	1	2	3	3	5	2	4	20
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	9.133[a]	6	0.166
Likelihood Ratio	11.632	6	0.071
Linear-by-Linear Association	1.242	1	0.265
N of Valid Cases	20		

a. 14 cells (100.0%) have expected count less than 5. The minimum expected count is .50.

Q8.3 Have any actively permitted large or utility scale energy storage projects * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q8.3 Have any actively permitted large or utility scale energy storage projects	1 Yes	Count	0	0	0	0	2	3	1	1	7
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	0.0%	8.7%	17.6%	16.7%	12.5%	6.4%
	2 No	Count	10	11	15	14	20	13	5	7	95
		% within demoregion Demographics Unit Regions	90.9%	84.6%	100.0%	87.5%	87.0%	76.5%	83.3%	87.5%	87.2%
	3 Not sure	Count	1	2	0	2	1	1	0	0	7
		% within demoregion Demographics Unit Regions	9.1%	15.4%	0.0%	12.5%	4.3%	5.9%	0.0%	0.0%	6.4%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	13.731[a]	14	0.470
Likelihood Ratio	16.956	14	0.259
Linear-by-Linear Association	6.491	1	0.011
N of Valid Cases	109		

a. 16 cells (66.7%) have expected count less than 5. The minimum expected count is .39.

Q8.4_4, 8.4_8, 8.4_9*$active*demoregion Crosstabulation

			demoregion Demographics Unit Regions				Total
			5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
$active Active large scale energy storage projects.[a]	Q8.4_4 Active Large scale energy project type- Lithium Ion Batteries	Count	1	2	1	1	5
		% within demoregion	50.0%	66.7%	100.0%	100.0%	
	Q8.4_9 ActiveLarge scale energy project type- Not sure	Count	1	1	0	0	2
		% within demoregion	50.0%	33.3%	0.0%	0.0%	
	Q8.4_8 Active Large scale energy project type- Other	Count	0	1	0	0	1
		% within demoregion	0.0%	33.3%	0.0%	0.0%	
Total		Count	2	3	1	1	7

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q8.5 Large or utility scale energy storage projects proposed or planned * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q8.5 Large or utility scale energy storage projects proposed or planned	1 Yes	Count	2	2	2	3	6	8	3	2	28
		% within demoregion Demographics Unit Regions	18.2%	15.4%	13.3%	18.8%	26.1%	47.1%	50.0%	25.0%	25.7%
	2 No	Count	5	7	12	10	15	6	3	6	64
		% within demoregion Demographics Unit Regions	45.5%	53.8%	80.0%	62.5%	65.2%	35.3%	50.0%	75.0%	58.7%
	3 Not sure	Count	4	4	1	3	2	3	0	0	17
		% within demoregion Demographics Unit Regions	36.4%	30.8%	6.7%	18.8%	8.7%	17.6%	0.0%	0.0%	15.6%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	18.908[a]	14	0.168
Likelihood Ratio	19.748	14	0.138
Linear-by-Linear Association	7.713	1	0.005
N of Valid Cases	109		

a. 17 cells (70.8%) have expected count less than 5. The minimum expected count is .94.

VIRGINIA REGIONS

ENERGY STORAGE

Q8.6 Are the proposed project(s) standalone energy storage or tied in with a solar project * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q8.6 Are the proposed project(s) standalone energy storage or tied in with a solar project	1 Standalone energy storage	Count	0	1	0	3	1	5	2	2	14
		% within demoregion Demographics Unit Regions	0.0%	50.0%	0.0%	100.0%	16.7%	62.5%	66.7%	100.0%	50.0%
	2 Solar + storage	Count	1	0	1	0	3	2	0	0	7
		% within demoregion Demographics Unit Regions	50.0%	0.0%	50.0%	0.0%	50.0%	25.0%	0.0%	0.0%	25.0%
	3 Not Sure	Count	1	1	1	0	1	0	0	0	4
		% within demoregion Demographics Unit Regions	50.0%	50.0%	50.0%	0.0%	16.7%	0.0%	0.0%	0.0%	14.3%
	4 Other (Please describe)	Count	0	0	0	0	1	1	1	0	3
		% within demoregion Demographics Unit Regions	0.0%	0.0%	0.0%	0.0%	16.7%	12.5%	33.3%	0.0%	10.7%
Total		Count	2	2	2	3	6	8	3	2	28
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	21.750[a]	21	0.414
Likelihood Ratio	26.335	21	0.194
Linear-by-Linear Association	1.367	1	0.242
N of Valid Cases	28		

a. 32 cells (100.0%) have expected count less than 5. The minimum expected count is .21.

Q8.7_4, 8.7-8, 8.7-9*$planned*demoregion Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
$planned Planned large scale energy storage projects.[a]	Q8.7_4 Planned energy storage project type- Lithium Ion Batteries	Count	0	0	0	2	3	3	3	1	12
		% within demoregion	0.0%	0.0%	0.0%	66.7%	50.0%	37.5%	100.0%	50.0%	
	Q8.7_9 Planned energy storage project type- Not sure	Count	2	2	2	1	3	5	0	1	16
		% within demoregion	100.0%	100.0%	100.0%	33.3%	50.0%	62.5%	0.0%	50.0%	
	Q8.7_8 Planned energy storage project type- Other	Count	0	0	0	0	0	0	1	0	1
		% within demoregion	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	33.3%	0.0%	
Total		Count	2	2	2	3	6	8	3	2	28

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q8.8 Extent your locality considered solar + storage as a resiliency tool * demoregion Demographics Unit Regions Crosstabulation

			demoregion Demographics Unit Regions								Total
			1.00 Southwest	2.00 West Central	3.00 Valley	4.00 Northern	5.00 Central	6.00 Southside	7.00 Eastern	8.00 Hampton Roads	
Q8.8 Extent your locality considered solar + storage as a resiliency tool	1 Our locality has not considered microgrids as a resiliency tool	Count	7	9	11	10	12	13	3	5	70
		% within demoregion Demographics Unit Regions	63.6%	69.2%	73.3%	62.5%	52.2%	76.5%	50.0%	62.5%	64.2%
	2 Our locality is considering policies to allow and/or promote microgrids as a resiliency tool	Count	0	0	2	3	3	1	1	0	10
		% within demoregion Demographics Unit Regions	0.0%	0.0%	13.3%	18.8%	13.0%	5.9%	16.7%	0.0%	9.2%
	3 Our locality has already adopted policies that allow and/or promote microgrids as a resiliency tool	Count	0	0	1	0	0	0	0	1	2
		% within demoregion Demographics Unit Regions	0.0%	0.0%	6.7%	0.0%	0.0%	0.0%	0.0%	12.5%	1.8%
	5 Not sure	Count	4	4	1	3	8	3	2	2	27
		% within demoregion Demographics Unit Regions	36.4%	30.8%	6.7%	18.8%	34.8%	17.6%	33.3%	25.0%	24.8%
Total		Count	11	13	15	16	23	17	6	8	109
		% within demoregion Demographics Unit Regions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	20.030[a]	21	0.519
Likelihood Ratio	21.131	21	0.451
Linear-by-Linear Association	0.008	1	0.931
N of Valid Cases	109		

a. 24 cells (75.0%) have expected count less than 5. The minimum expected count is .11.

COMMUNITY CLASSIFICATION (URBANICITY)

CROSS TABULAR ANALYSIS

Virginia Solar Survey

APRIL 2022

COMMUNITY CLASSIFICATION (URBANICITY)

SOLAR READINESS

Q1.1 Updating solar policies * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination (Please describe)	
Q1.1 Updating solar policies	1 Yes, update is in progress	Count	4	2	21	13	40
		% within QID97 Urbanicity	21.1%	18.2%	42.9%	43.3%	36.7%
	2 No, not at this time	Count	5	4	8	1	18
		% within QID97 Urbanicity	26.3%	36.4%	16.3%	3.3%	16.5%
	3 No, but it is on our radar to do so	Count	7	3	7	8	25
		% within QID97 Urbanicity	36.8%	27.3%	14.3%	26.7%	22.9%
	4 No, we have already updated our solar policies, regulations, and/or application and permitting processes	Count	3	2	13	8	26
		% within QID97 Urbanicity	15.8%	18.2%	26.5%	26.7%	23.9%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

COMMUNITY CLASSIFICATION (URBANICITY)

SOLAR READINESS

Q1.2_1-1.2_13*$resources*QID97 Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
$resources Resources to develop policy.[a]	Q1.2_1 Resources to develop policy - Other Virginia localities	Count	8	5	31	26	70
		% within QID97	57.1%	71.4%	75.6%	89.7%	
	Q1.2_2 Resources to develop policy - Planning District Commission	Count	5	0	11	8	24
		% within QID97	35.7%	0.0%	26.8%	27.6%	
	Q1.2_3 Resources to develop policy - Membership Associations	Count	5	3	14	17	39
		% within QID97	35.7%	42.9%	34.1%	58.6%	
	Q1.2_4 Resources to develop policy-Local Extension Office and/or Soil & Water Conservation District	Count	0	0	2	3	5
		% within QID97	0.0%	0.0%	4.9%	10.3%	
	Q1.2_5 Resources to develop policy-State agencies	Count	3	1	8	14	26
		% within QID97	21.4%	14.3%	19.5%	48.3%	
	Q1.2_6 Resources to develop policy-Institutions of higher education	Count	0	2	9	7	18
		% within QID97	0.0%	28.6%	22.0%	24.1%	
	Q1.2_7 Resources to develop policy-Private consultants	Count	2	1	19	6	28
		% within QID97	14.3%	14.3%	46.3%	20.7%	
	Q1.2_8 Resources to develop policy-Solar industry professionals	Count	3	3	13	20	39
		% within QID97	21.4%	42.9%	31.7%	69.0%	
	Q1.2_9 Resources to develop policy-Nonprofits and advocacy groups	Count	2	1	4	5	12
		% within QID97	14.3%	14.3%	9.8%	17.2%	
	Q1.2_10 Resources to develop policy-National research entities and agencies	Count	2	1	5	6	14
		% within QID97	14.3%	14.3%	12.2%	20.7%	
	Q1.2_11 Resources to develop policy-Utilities	Count	4	1	4	9	18
		% within QID97	28.6%	14.3%	9.8%	31.0%	
	Q1.2_13 Resources to develop policy-None	Count	1	1	3	0	5
		% within QID97	7.1%	14.3%	7.3%	0.0%	
	Q1.2_12 Resources to develop policy-Other	Count	3	2	2	7	14
		% within QID97	21.4%	28.6%	4.9%	24.1%	
Total		Count	14	7	41	29	91

Percentages and totals are based on respondents.
a. Dichotomy group tabulated at value 1.

Q1.3_1 1.3_10*$training*QID97 Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
$training Training-tech assistance.[a]	Q1.3_1 Training/tech assistance- Solar basics	Count	6	4	26	7	43
		% within QID97	31.6%	36.4%	53.1%	23.3%	
	Q1.3_2 Training/tech assistance- Technical assistance	Count	7	5	29	16	57
		% within QID97	36.8%	45.5%	59.2%	53.3%	
	Q1.3_3 Training/tech assistance- Identification of previously disturbed land, brownfields or coal-impacted lands	Count	3	4	13	4	24
		% within QID97	15.8%	36.4%	26.5%	13.3%	
	Q1.3_4 Training/tech assistance- SolSmart Advisors Program	Count	4	2	12	6	24
		% within QID97	21.1%	18.2%	24.5%	20.0%	
	Q1.3_5 Training/tech assistance- Energy procurement	Count	5	3	14	6	28
		% within QID97	26.3%	27.3%	28.6%	20.0%	
	Q1.3_6 Training/tech assistance- Tax and economic impact assessment	Count	2	7	27	17	53
		% within QID97	10.5%	63.6%	55.1%	56.7%	
	Q1.3_7 Training/tech assistance- Low impact development	Count	1	2	19	15	37
		% within QID97	5.3%	18.2%	38.8%	50.0%	
	Q1.3_10 Training/tech assistance- Locality best practices	Count	9	8	34	21	72
		% within QID97	47.4%	72.7%	69.4%	70.0%	
	Q1.3_9 Training/tech assistance- No, not interested	Count	4	2	7	3	16
		% within QID97	21.1%	18.2%	14.3%	10.0%	
	Q1.3_8 Training/tech assistance- Other	Count	2	1	3	5	11
		% within QID97	10.5%	9.1%	6.1%	16.7%	
Total		Count	19	11	49	30	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q1.4_1 Interest in-- Agricultural, farmland impacts * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q1.4_1 Interest in-- Agricultural, farmland impacts	1 No interest	Count	12	4	2	1	19
		% within QID97 Urbanicity	63.2%	36.4%	4.1%	3.3%	17.4%
	2 Minimal Interest	Count	3	0	1	2	6
		% within QID97 Urbanicity	15.8%	0.0%	2.0%	6.7%	5.5%
	3 Some Interest	Count	3	4	10	9	26
		% within QID97 Urbanicity	15.8%	36.4%	20.4%	30.0%	23.9%
	4 A lot of Interest	Count	1	2	24	9	36
		% within QID97 Urbanicity	5.3%	18.2%	49.0%	30.0%	33.0%
	5 The Most Interest	Count	0	1	12	9	22
		% within QID97 Urbanicity	0.0%	9.1%	24.5%	30.0%	20.2%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	56.255[a]	12	0.000
Likelihood Ratio	55.977	12	0.000
Linear-by-Linear Association	35.588	1	0.000
N of Valid Cases	109		

a. 11 cells (55.0%) have expected count less than 5. The minimum expected count is .61.

COMMUNITY CLASSIFICATION (URBANICITY)

SOLAR READINESS

Q1.4_2 Interest in-- Decommissioning * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q1.4_2 Interest in-- Decommissioning	1 No interest	Count	9	3	2	1	15
		% within QID97 Urbanicity	47.4%	27.3%	4.1%	3.3%	13.8%
	2 Minimal Interest	Count	5	2	4	2	13
		% within QID97 Urbanicity	26.3%	18.2%	8.2%	6.7%	11.9%
	3 Some Interest	Count	5	2	12	8	27
		% within QID97 Urbanicity	26.3%	18.2%	24.5%	26.7%	24.8%
	4 A lot of Interest	Count	0	4	19	13	36
		% within QID97 Urbanicity	0.0%	36.4%	38.8%	43.3%	33.0%
	5 The Most Interest	Count	0	0	12	6	18
		% within QID97 Urbanicity	0.0%	0.0%	24.5%	20.0%	16.5%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	42.783[a]	12	0.000
Likelihood Ratio	48.856	12	0.000
Linear-by-Linear Association	31.711	1	0.000
N of Valid Cases	109		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is 1.31.

COMMUNITY CLASSIFICATION (URBANICITY)

SOLAR READINESS

Q1.4_3 Interest in-- Emergency response * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q1.4_3 Interest in-- Emergency response	1 No interest	Count	6	1	1	0	8
		% within QID97 Urbanicity	31.6%	9.1%	2.0%	0.0%	7.3%
	2 Minimal Interest	Count	5	3	12	7	27
		% within QID97 Urbanicity	26.3%	27.3%	24.5%	23.3%	24.8%
	3 Some Interest	Count	4	4	15	14	37
		% within QID97 Urbanicity	21.1%	36.4%	30.6%	46.7%	33.9%
	4 A lot of Interest	Count	3	3	16	7	29
		% within QID97 Urbanicity	15.8%	27.3%	32.7%	23.3%	26.6%
	5 The Most Interest	Count	1	0	5	2	8
		% within QID97 Urbanicity	5.3%	0.0%	10.2%	6.7%	7.3%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	25.062[a]	12	0.015
Likelihood Ratio	21.972	12	0.038
Linear-by-Linear Association	7.294	1	0.007
N of Valid Cases	109		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is .81.

COMMUNITY CLASSIFICATION (URBANICITY)

SOLAR READINESS

Q1.4_4 Interest in-- End users, corporate buyers, energy off-takers * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q1.4_4 Interest in-- End users, corporate buyers, energy off-takers	1 No interest	Count	6	1	4	3	14
		% within QID97 Urbanicity	31.6%	9.1%	8.2%	10.0%	12.8%
	2 Minimal Interest	Count	2	3	15	7	27
		% within QID97 Urbanicity	10.5%	27.3%	30.6%	23.3%	24.8%
	3 Some Interest	Count	4	6	16	13	39
		% within QID97 Urbanicity	21.1%	54.5%	32.7%	43.3%	35.8%
	4 A lot of Interest	Count	5	0	11	7	23
		% within QID97 Urbanicity	26.3%	0.0%	22.4%	23.3%	21.1%
	5 The Most Interest	Count	2	1	3	0	6
		% within QID97 Urbanicity	10.5%	9.1%	6.1%	0.0%	5.5%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	16.960[a]	12	0.151
Likelihood Ratio	19.731	12	0.072
Linear-by-Linear Association	0.093	1	0.761
N of Valid Cases	109		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is .61.

COMMUNITY CLASSIFICATION (URBANICITY)

SOLAR READINESS

Q1.4_5 Interest in-- Energy equity, environmental justice * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q1.4_5 Interest in-- Energy equity, environmental justice	1 No interest	Count	6	2	2	4	14
		% within QID97 Urbanicity	31.6%	18.2%	4.1%	13.3%	12.8%
	2 Minimal Interest	Count	1	2	16	8	27
		% within QID97 Urbanicity	5.3%	18.2%	32.7%	26.7%	24.8%
	3 Some Interest	Count	5	4	19	10	38
		% within QID97 Urbanicity	26.3%	36.4%	38.8%	33.3%	34.9%
	4 A lot of Interest	Count	4	1	11	8	24
		% within QID97 Urbanicity	21.1%	9.1%	22.4%	26.7%	22.0%
	5 The Most Interest	Count	3	2	1	0	6
		% within QID97 Urbanicity	15.8%	18.2%	2.0%	0.0%	5.5%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	24.119[a]	12	0.020
Likelihood Ratio	24.736	12	0.016
Linear-by-Linear Association	0.138	1	0.710
N of Valid Cases	109		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is .61.

COMMUNITY CLASSIFICATION (URBANICITY)

SOLAR READINESS

Q1.4_6 Interest in-- Forests, timbering, carbon sequestration * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q1.4_6 Interest in-- Forests, timbering, carbon sequestration	1 No interest	Count	10	4	3	2	19
		% within QID97 Urbanicity	52.6%	36.4%	6.1%	6.7%	17.4%
	2 Minimal Interest	Count	4	2	9	4	19
		% within QID97 Urbanicity	21.1%	18.2%	18.4%	13.3%	17.4%
	3 Some Interest	Count	3	2	20	12	37
		% within QID97 Urbanicity	15.8%	18.2%	40.8%	40.0%	33.9%
	4 A lot of Interest	Count	1	2	13	12	28
		% within QID97 Urbanicity	5.3%	18.2%	26.5%	40.0%	25.7%
	5 The Most Interest	Count	1	1	4	0	6
		% within QID97 Urbanicity	5.3%	9.1%	8.2%	0.0%	5.5%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	33.745[a]	12	0.001
Likelihood Ratio	33.542	12	0.001
Linear-by-Linear Association	15.825	1	0.000
N of Valid Cases	109		

a. 11 cells (55.0%) have expected count less than 5. The minimum expected count is .61.

COMMUNITY CLASSIFICATION (URBANICITY)

SOLAR READINESS

Q1.4_7 Interest in-- Low impact development, agrivoltaics * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q1.4_7 Interest in-- Low impact development, agrivoltaics	1 No interest	Count	7	3	1	1	12
		% within QID97 Urbanicity	36.8%	27.3%	2.0%	3.3%	11.0%
	2 Minimal Interest	Count	4	0	9	0	13
		% within QID97 Urbanicity	21.1%	0.0%	18.4%	0.0%	11.9%
	3 Some Interest	Count	3	3	21	15	42
		% within QID97 Urbanicity	15.8%	27.3%	42.9%	50.0%	38.5%
	4 A lot of Interest	Count	4	4	14	13	35
		% within QID97 Urbanicity	21.1%	36.4%	28.6%	43.3%	32.1%
	5 The Most Interest	Count	1	1	4	1	7
		% within QID97 Urbanicity	5.3%	9.1%	8.2%	3.3%	6.4%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	34.433[a]	12	0.001
Likelihood Ratio	36.816	12	0.000
Linear-by-Linear Association	11.833	1	0.001
N of Valid Cases	109		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is .71.

COMMUNITY CLASSIFICATION (URBANICITY)

SOLAR READINESS

Q1.4_8 Interest in-- Property values, economic benefits, taxation * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q1.4_8 Interest in-- Property values, economic benefits, taxation	1 No interest	Count	4	0	2	2	8
		% within QID97 Urbanicity	21.1%	0.0%	4.1%	6.7%	7.3%
	2 Minimal Interest	Count	5	2	1	0	8
		% within QID97 Urbanicity	26.3%	18.2%	2.0%	0.0%	7.3%
	3 Some Interest	Count	4	4	15	4	27
		% within QID97 Urbanicity	21.1%	36.4%	30.6%	13.3%	24.8%
	4 A lot of Interest	Count	3	4	21	18	46
		% within QID97 Urbanicity	15.8%	36.4%	42.9%	60.0%	42.2%
	5 The Most Interest	Count	3	1	10	6	20
		% within QID97 Urbanicity	15.8%	9.1%	20.4%	20.0%	18.3%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	30.751[a]	12	0.002
Likelihood Ratio	29.785	12	0.003
Linear-by-Linear Association	12.100	1	0.001
N of Valid Cases	109		

a. 13 cells (65.0%) have expected count less than 5. The minimum expected count is .81.

COMMUNITY CLASSIFICATION (URBANICITY)

SOLAR READINESS

Q1.4_9 Interest in-- Soil and water conservation and protection * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q1.4_9 Interest in-- Soil and water conservation and protection	1 No interest	Count	6	0	1	1	8
		% within QID97 Urbanicity	31.6%	0.0%	2.0%	3.3%	7.3%
	2 Minimal Interest	Count	4	4	5	1	14
		% within QID97 Urbanicity	21.1%	36.4%	10.2%	3.3%	12.8%
	3 Some Interest	Count	5	4	13	13	35
		% within QID97 Urbanicity	26.3%	36.4%	26.5%	43.3%	32.1%
	4 A lot of Interest	Count	2	2	19	12	35
		% within QID97 Urbanicity	10.5%	18.2%	38.8%	40.0%	32.1%
	5 The Most Interest	Count	2	1	11	3	17
		% within QID97 Urbanicity	10.5%	9.1%	22.4%	10.0%	15.6%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	35.944[a]	12	0.000
Likelihood Ratio	30.886	12	0.002
Linear-by-Linear Association	12.290	1	0.000
N of Valid Cases	109		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is .81.

COMMUNITY CLASSIFICATION (URBANICITY)

SOLAR READINESS

Q1.4_10 Interest in-- Transmission, grid, energy storage, resiliency * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q1.4_10 Interest in-- Transmission, grid, energy storage, resiliency	1 No interest	Count	6	0	3	3	12
		% within QID97 Urbanicity	31.6%	0.0%	6.1%	10.0%	11.0%
	2 Minimal Interest	Count	3	5	9	4	21
		% within QID97 Urbanicity	15.8%	45.5%	18.4%	13.3%	19.3%
	3 Some Interest	Count	5	1	23	12	41
		% within QID97 Urbanicity	26.3%	9.1%	46.9%	40.0%	37.6%
	4 A lot of Interest	Count	3	3	11	9	26
		% within QID97 Urbanicity	15.8%	27.3%	22.4%	30.0%	23.9%
	5 The Most Interest	Count	2	2	3	2	9
		% within QID97 Urbanicity	10.5%	18.2%	6.1%	6.7%	8.3%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	21.290[a]	12	0.046
Likelihood Ratio	19.982	12	0.067
Linear-by-Linear Association	2.053	1	0.152
N of Valid Cases	109		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is .91.

COMMUNITY CLASSIFICATION (URBANICITY)

SOLAR READINESS

Q1.4_11 Interest in-- Viewsheds, cultural, historic resources * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q1.4_11 Interest in-- Viewsheds, cultural, historic resources	1 No interest	Count	4	0	1	1	6
		% within QID97 Urbanicity	21.1%	0.0%	2.0%	3.3%	5.5%
	2 Minimal Interest	Count	4	4	6	2	16
		% within QID97 Urbanicity	21.1%	36.4%	12.2%	6.7%	14.7%
	3 Some Interest	Count	3	5	14	8	30
		% within QID97 Urbanicity	15.8%	45.5%	28.6%	26.7%	27.5%
	4 A lot of Interest	Count	5	2	21	15	43
		% within QID97 Urbanicity	26.3%	18.2%	42.9%	50.0%	39.4%
	5 The Most Interest	Count	3	0	7	4	14
		% within QID97 Urbanicity	15.8%	0.0%	14.3%	13.3%	12.8%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	22.806[a]	12	0.029
Likelihood Ratio	21.247	12	0.047
Linear-by-Linear Association	7.239	1	0.007
N of Valid Cases	109		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is .61.

Q1.4_12 Interest in-- Wildlife, habitat fragmentation and conservation * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q1.4_12 Interest in-- Wildlife, habitat fragmentation and conservation	1 No interest	Count	9	1	2	3	15
		% within QID97 Urbanicity	47.4%	9.1%	4.1%	10.0%	13.8%
	2 Minimal Interest	Count	3	2	4	2	11
		% within QID97 Urbanicity	15.8%	18.2%	8.2%	6.7%	10.1%
	3 Some Interest	Count	5	4	15	9	33
		% within QID97 Urbanicity	26.3%	36.4%	30.6%	30.0%	30.3%
	4 A lot of Interest	Count	2	4	23	14	43
		% within QID97 Urbanicity	10.5%	36.4%	46.9%	46.7%	39.4%
	5 The Most Interest	Count	0	0	5	2	7
		% within QID97 Urbanicity	0.0%	0.0%	10.2%	6.7%	6.4%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	29.672[a]	12	0.003
Likelihood Ratio	28.105	12	0.005
Linear-by-Linear Association	17.547	1	0.000
N of Valid Cases	109		

a. 13 cells (65.0%) have expected count less than 5. The minimum expected count is .71.

COMMUNITY CLASSIFICATION (URBANICITY)

SOLAR READINESS

Q1.4_13 Interest in-- Landowner leases, property rights * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q1.4_13 Interest in-- Landowner leases, property rights	1 No interest	Count	3	0	3	3	9
		% within QID97 Urbanicity	15.8%	0.0%	6.1%	10.0%	8.3%
	2 Minimal Interest	Count	7	2	6	3	18
		% within QID97 Urbanicity	36.8%	18.2%	12.2%	10.0%	16.5%
	3 Some Interest	Count	5	6	18	11	40
		% within QID97 Urbanicity	26.3%	54.5%	36.7%	36.7%	36.7%
	4 A lot of Interest	Count	2	2	17	10	31
		% within QID97 Urbanicity	10.5%	18.2%	34.7%	33.3%	28.4%
	5 The Most Interest	Count	2	1	5	3	11
		% within QID97 Urbanicity	10.5%	9.1%	10.2%	10.0%	10.1%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	13.685[a]	12	0.321
Likelihood Ratio	13.897	12	0.307
Linear-by-Linear Association	3.627	1	0.057
N of Valid Cases	109		

a. 13 cells (65.0%) have expected count less than 5. The minimum expected count is .91.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.1 Formalized process for electricity procurement * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q2.1 Formalized process for electricity procurement	1 Yes	Count	5	2	2	6	15
		% within QID97 Urbanicity	26.3%	18.2%	4.1%	20.0%	13.8%
	2 No	Count	8	6	26	12	52
		% within QID97 Urbanicity	42.1%	54.5%	53.1%	40.0%	47.7%
	3 Not sure	Count	6	3	21	12	42
		% within QID97 Urbanicity	31.6%	27.3%	42.9%	40.0%	38.5%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.273[a]	6	0.219
Likelihood Ratio	9.038	6	0.171
Linear-by-Linear Association	1.121	1	0.290
N of Valid Cases	109		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is 1.51.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.2_1-2.2_9*$buildings*QID97 Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
$buildings Buildings covered by locality electricity procurement.[a]	Q2.2_1 Buildings covered by locality electricity procurement-Administrative Offices	Count	9	7	16	11	43
		% within QID97	47.4%	63.6%	32.7%	36.7%	
	Q2.2_2 Buildings covered by locality electricity procurement-Fire & Rescue	Count	9	6	11	10	36
		% within QID97	47.4%	54.5%	22.4%	33.3%	
	Q2.2_3 Buildings covered by locality electricity procurement-Police Station	Count	9	7	15	10	41
		% within QID97	47.4%	63.6%	30.6%	33.3%	
	Q2.2_4 Buildings covered by locality electricity procurement-Courthouse	Count	7	4	16	10	37
		% within QID97	36.8%	36.4%	32.7%	33.3%	
	Q2.2_5 Buildings covered by locality electricity procurement-Schools	Count	9	6	15	11	41
		% within QID97	47.4%	54.5%	30.6%	36.7%	
	Q2.2_6 Buildings covered by locality electricity procurement-Parks & Recreational Facilities	Count	9	7	14	10	40
		% within QID97	47.4%	63.6%	28.6%	33.3%	
	Q2.2_7 Buildings covered by locality electricity procurement-Public Works/ General Services/Transportation & Fleet Services	Count	9	7	16	8	40
		% within QID97	47.4%	63.6%	32.7%	26.7%	
	Q2.2_9 Buildings covered by locality electricity procurement-Not sure	Count	10	4	29	15	58
		% within QID97	52.6%	36.4%	59.2%	50.0%	
	Q2.2_8 Buildings covered by locality electricity procurement-Other	Count	3	1	3	6	13
		% within QID97	15.8%	9.1%	6.1%	20.0%	
Total		Count	19	11	49	30	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.3 Locality's experience with using "energy-positive building design * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q2.3 Locality's experience with using "energy-positive building design	1 No experience	Count	8	5	27	12	52
		% within QID97 Urbanicity	57.1%	55.6%	84.4%	60.0%	69.3%
	2 Some Experience	Count	5	4	4	8	21
		% within QID97 Urbanicity	35.7%	44.4%	12.5%	40.0%	28.0%
	3 Extensive Experience	Count	1	0	1	0	2
		% within QID97 Urbanicity	7.1%	0.0%	3.1%	0.0%	2.7%
Total		Count	14	9	32	20	75
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.633[a]	6	0.195
Likelihood Ratio	9.496	6	0.148
Linear-by-Linear Association	0.829	1	0.363
N of Valid Cases	75		

a. 6 cells (50.0%) have expected count less than 5. The minimum expected count is .24.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.4 Policy requiring photovoltaics in public buildings * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q2.4 Policy requiring photovoltaics in public buildings	1 Yes	Count	3	0	1	2	6
		% within QID97 Urbanicity	15.8%	0.0%	2.0%	6.7%	5.5%
	4 No	Count	15	7	36	20	78
		% within QID97 Urbanicity	78.9%	63.6%	73.5%	66.7%	71.6%
	5 Not sure	Count	1	3	12	5	21
		% within QID97 Urbanicity	5.3%	27.3%	24.5%	16.7%	19.3%
	6 Other	Count	0	1	0	3	4
		% within QID97 Urbanicity	0.0%	9.1%	0.0%	10.0%	3.7%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	15.516[a]	9	0.078
Likelihood Ratio	17.100	9	0.047
Linear-by-Linear Association	3.393	1	0.065
N of Valid Cases	109		

a. 10 cells (62.5%) have expected count less than 5. The minimum expected count is .40.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.5 Does your locality procure any of its own energy load from solar? * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q2.5 Does your locality procure any of its own energy load from solar?	1 Yes	Count	3	1	5	8	17
		% within QID97 Urbanicity	15.8%	9.1%	10.2%	26.7%	15.6%
	2 No, we have no plans to procure any of our own energy load from solar	Count	5	3	26	10	44
		% within QID97 Urbanicity	26.3%	27.3%	53.1%	33.3%	40.4%
	6 Not sure	Count	6	4	14	9	33
		% within QID97 Urbanicity	31.6%	36.4%	28.6%	30.0%	30.3%
	7 No, not at this time but we are working towards it within the next 2 years	Count	5	3	4	3	15
		% within QID97 Urbanicity	26.3%	27.3%	8.2%	10.0%	13.8%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	12.543[a]	9	0.184
Likelihood Ratio	11.771	9	0.227
Linear-by-Linear Association	3.396	1	0.065
N of Valid Cases	109		

a. 8 cells (50.0%) have expected count less than 5. The minimum expected count is 1.51.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.6 Solar energy from on-site solar installations * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q2.6 Solar energy from on-site solar installations	1 Yes	Count	3	3	6	10	22
		% within QID97 Urbanicity	37.5%	75.0%	66.7%	90.9%	68.8%
	2 No	Count	2	0	0	0	2
		% within QID97 Urbanicity	25.0%	0.0%	0.0%	0.0%	6.3%
	4 Not sure	Count	3	1	3	1	8
		% within QID97 Urbanicity	37.5%	25.0%	33.3%	9.1%	25.0%
Total		Count	8	4	9	11	32
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	9.814[a]	6	0.133
Likelihood Ratio	9.785	6	0.134
Linear-by-Linear Association	2.844	1	0.092
N of Valid Cases	32		

a. 9 cells (75.0%) have expected count less than 5. The minimum expected count is .25.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.7 Solar energy from power purchase agreement * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q2.7 Solar energy from power purchase agreement	1 Owned	Count	0	0	1	1	2
		% within QID97 Urbanicity	0.0%	0.0%	11.1%	9.1%	6.3%
	2 PPA	Count	2	1	0	6	9
		% within QID97 Urbanicity	25.0%	25.0%	0.0%	54.5%	28.1%
	3 Not sure	Count	4	3	8	4	19
		% within QID97 Urbanicity	50.0%	75.0%	88.9%	36.4%	59.4%
	4 Both: we have project(s) that are owned and project(s) that are procured though a PPA	Count	2	0	0	0	2
		% within QID97 Urbanicity	25.0%	0.0%	0.0%	0.0%	6.3%
Total		Count	8	4	9	11	32
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	15.120[a]	9	0.088
Likelihood Ratio	17.248	9	0.045
Linear-by-Linear Association	4.667	1	0.031
N of Valid Cases	32		

a. 14 cells (87.5%) have expected count less than 5. The minimum expected count is .25.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.9 Has your locality considered incorporating solar in its generation mix? * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q2.9 Has your locality considered incorporating solar in its generation mix?	1 Yes	Count	1	0	1	3	5
		% within QID97 Urbanicity	20.0%	0.0%	3.8%	30.0%	11.4%
	2 No	Count	3	2	17	3	25
		% within QID97 Urbanicity	60.0%	66.7%	65.4%	30.0%	56.8%
	3 Not sure	Count	1	1	8	4	14
		% within QID97 Urbanicity	20.0%	33.3%	30.8%	40.0%	31.8%
Total		Count	5	3	26	10	44
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	7.121[a]	6	0.310
Likelihood Ratio	7.156	6	0.307
Linear-by-Linear Association	0.029	1	0.865
N of Valid Cases	44		

a. 9 cells (75.0%) have expected count less than 5. The minimum expected count is .34.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.10 Is your locality actively pursuing the installation of solar systems on public buildings or public land? * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity			Total
			1 Urban	3 Rural	4 Combination	
Q2.10 Is your locality actively pursuing the installation of solar systems on public buildings or public land?	2 No	Count	1	1	3	5
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%
Total		Count	1	1	3	5
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%

Q2.11 Encountered Barriers to Solar * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity			Total
			1 Urban	3 Rural	4 Combination	
Q2.11 Encountered Barriers to Solar	1 Yes	Count	0	1	3	4
		% within QID97 Urbanicity	0.0%	100.0%	100.0%	80.0%
	3 Not sure	Count	1	0	0	1
		% within QID97 Urbanicity	100.0%	0.0%	0.0%	20.0%
Total		Count	1	1	3	5
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.000[a]	2	0.082
Likelihood Ratio	5.004	2	0.082
Linear-by-Linear Association	3.559	1	0.059
N of Valid Cases	5		

a. 6 cells (100.0%) have expected count less than 5. The minimum expected count is .20.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.12_1 Biggest Barrier to Solar, scale 0 to 100- Site not suitable for solar * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity		Total
			3 Rural	4 Combination	
Q2.12_1 Biggest Barrier to Solar, scale 0 to 100- Site not suitable for solar	.00	Count	1	0	1
		% within QID97 Urbanicity	100.0%	0.0%	25.0%
	20.00	Count	0	1	1
		% within QID97 Urbanicity	0.0%	33.3%	25.0%
	25.00	Count	0	1	1
		% within QID97 Urbanicity	0.0%	33.3%	25.0%
	50.00	Count	0	1	1
		% within QID97 Urbanicity	0.0%	33.3%	25.0%
Total		Count	1	3	4
		% within QID97 Urbanicity	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.000[a]	3	0.261
Likelihood Ratio	4.499	3	0.212
Linear-by-Linear Association	1.778	1	0.182
N of Valid Cases	4		

a. 8 cells (100.0%) have expected count less than 5. The minimum expected count is .25.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.12_2 Biggest Barrier to Solar, scale 0 to 100- Upfront costs, financing * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity		Total
			3 Rural	4 Combination	
Q2.12_2 Biggest Barrier to Solar, scale 0 to 100- Upfront costs, financing	15.00	Count	0	1	1
		% within QID97 Urbanicity	0.0%	33.3%	25.0%
	20.00	Count	0	1	1
		% within QID97 Urbanicity	0.0%	33.3%	25.0%
	50.00	Count	0	1	1
		% within QID97 Urbanicity	0.0%	33.3%	25.0%
	100.00	Count	1	0	1
		% within QID97 Urbanicity	100.0%	0.0%	25.0%
Total		Count	1	3	4
		% within QID97 Urbanicity	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.000[a]	3	0.261
Likelihood Ratio	4.499	3	0.212
Linear-by-Linear Association	2.529	1	0.112
N of Valid Cases	4		

a. 8 cells (100.0%) have expected count less than 5. The minimum expected count is .25.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.12_6 Biggest Barrier to Solar, scale 0 to 100- Lack of staff time, capacity, bandwidth * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity		Total
			3 Rural	4 Combination	
Q2.12_6 Biggest Barrier to Solar, scale 0 to 100- Lack of staff time, capacity, bandwidth	.00	Count	1	1	2
		% within QID97 Urbanicity	100.0%	33.3%	50.0%
	20.00	Count	0	1	1
		% within QID97 Urbanicity	0.0%	33.3%	25.0%
	25.00	Count	0	1	1
		% within QID97 Urbanicity	0.0%	33.3%	25.0%
Total		Count	1	3	4
		% within QID97 Urbanicity	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	1.333[a]	2	0.513
Likelihood Ratio	1.726	2	0.422
Linear-by-Linear Association	0.976	1	0.323
N of Valid Cases	4		

a. 6 cells (100.0%) have expected count less than 5. The minimum expected count is .25.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.12_7 Biggest Barrier to Solar, scale 0 to 100- Lack of support or direction from leadership * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity		Total
			3 Rural	4 Combination	
Q2.12_7 Biggest Barrier to Solar, scale 0 to 100- Lack of support or direction from leadership	.00	Count	1	1	2
		% within QID97 Urbanicity	100.0%	33.3%	50.0%
	25.00	Count	0	1	1
		% within QID97 Urbanicity	0.0%	33.3%	25.0%
	35.00	Count	0	1	1
		% within QID97 Urbanicity	0.0%	33.3%	25.0%
Total		Count	1	3	4
		% within QID97 Urbanicity	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	1.333[a]	2	0.513
Likelihood Ratio	1.726	2	0.422
Linear-by-Linear Association	0.947	1	0.330
N of Valid Cases	4		

a. 6 cells (100.0%) have expected count less than 5. The minimum expected count is .25.

Q2.12_8 Biggest Barrier to Solar, scale 0 to 100- Complication in the process * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity		Total
			3 Rural	4 Combination	
Q2.12_8 Biggest Barrier to Solar, scale 0 to 100- Complication in the process	.00	Count	1	1	2
		% within QID97 Urbanicity	100.0%	33.3%	50.0%
	5.00	Count	0	1	1
		% within QID97 Urbanicity	0.0%	33.3%	25.0%
	10.00	Count	0	1	1
		% within QID97 Urbanicity	0.0%	33.3%	25.0%
Total		Count	1	3	4
		% within QID97 Urbanicity	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	1.333[a]	2	0.513
Likelihood Ratio	1.726	2	0.422
Linear-by-Linear Association	0.818	1	0.366
N of Valid Cases	4		

a. 6 cells (100.0%) have expected count less than 5. The minimum expected count is .25.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.12_9 Biggest Barrier to Solar, scale 0 to 100- Other * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity		Total
			3 Rural	4 Combination	
Q2.12_9 Biggest Barrier to Solar, scale 0 to 100- Other	.00	Count	1	3	4
		% within QID97 Urbanicity	100.0%	100.0%	100.0%
Total		Count	1	3	4
		% within QID97 Urbanicity	100.0%	100.0%	100.0%

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.13 Joined a PPA through a rider arrangement * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity			Total
			1 Urban	2 Suburban	4 Combination	
Q2.13 Joined a PPA through a rider arrangement	1 Yes	Count	1	1	1	3
		% within QID97 Urbanicity	25.0%	100.0%	16.7%	27.3%
	2 No	Count	2	0	2	4
		% within QID97 Urbanicity	50.0%	0.0%	33.3%	36.4%
	3 Not sure	Count	1	0	3	4
		% within QID97 Urbanicity	25.0%	0.0%	50.0%	36.4%
Total		Count	4	1	6	11
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	3.590[a]	4	0.464
Likelihood Ratio	3.527	4	0.474
Linear-by-Linear Association	0.699	1	0.403
N of Valid Cases	11		

a. 9 cells (100.0%) have expected count less than 5. The minimum expected count is .27.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.15 Concerned about incorporating solar into your locality's own energy generation mix * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q2.15 Concerned about incorporating solar into your locality's own energy generation mix	7 Concerns/Questions (Please describe)	Count	7	4	9	13	33
		% within QID97 Urbanicity	36.8%	36.4%	18.4%	43.3%	30.3%
	8 No concerns	Count	9	2	18	7	36
		% within QID97 Urbanicity	47.4%	18.2%	36.7%	23.3%	33.0%
	9 Not sure	Count	3	5	22	10	40
		% within QID97 Urbanicity	15.8%	45.5%	44.9%	33.3%	36.7%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	10.848[a]	6	0.093
Likelihood Ratio	11.642	6	0.070
Linear-by-Linear Association	0.357	1	0.550
N of Valid Cases	109		

a. 3 cells (25.0%) have expected count less than 5. The minimum expected count is 3.33.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.16_1 Familiarity with solar policy mechanism Federal Investment Tax Credit * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q2.16_1 Familiarity with solar policy mechanism Federal Investment Tax Credit	1.00 Not at all familiar	Count	7	5	29	11	52
		% within QID97 Urbanicity	38.9%	45.5%	61.7%	39.3%	50.0%
	2.00 Slightly familiar	Count	7	2	13	12	34
		% within QID97 Urbanicity	38.9%	18.2%	27.7%	42.9%	32.7%
	3.00 Somewhat familiar	Count	2	2	2	3	9
		% within QID97 Urbanicity	11.1%	18.2%	4.3%	10.7%	8.7%
	4.00 Moderately familiar	Count	1	0	2	2	5
		% within QID97 Urbanicity	5.6%	0.0%	4.3%	7.1%	4.8%
	5.00 Extremely familiar	Count	1	2	1	0	4
		% within QID97 Urbanicity	5.6%	18.2%	2.1%	0.0%	3.8%
Total		Count	18	11	47	28	104
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	15.406[a]	12	0.220
Likelihood Ratio	14.215	12	0.287
Linear-by-Linear Association	0.998	1	0.318
N of Valid Cases	104		

a. 13 cells (65.0%) have expected count less than 5. The minimum expected count is .42.

Q2.16_2 Familiarity with solar policy mechanism Net-metering * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q2.16_2 Familiarity with solar policy mechanism Net-metering	1.00 Not at all familiar	Count	7	3	26	9	45
		% within QID97 Urbanicity	38.9%	30.0%	54.2%	32.1%	43.3%
	2.00 Slightly familiar	Count	8	4	11	10	33
		% within QID97 Urbanicity	44.4%	40.0%	22.9%	35.7%	31.7%
	3.00 Somewhat familiar	Count	0	1	7	3	11
		% within QID97 Urbanicity	0.0%	10.0%	14.6%	10.7%	10.6%
	4.00 Moderately familiar	Count	0	1	3	4	8
		% within QID97 Urbanicity	0.0%	10.0%	6.3%	14.3%	7.7%
	5.00 Extremely familiar	Count	3	1	1	2	7
		% within QID97 Urbanicity	16.7%	10.0%	2.1%	7.1%	6.7%
Total		Count	18	10	48	28	104
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	15.201[a]	12	0.231
Likelihood Ratio	17.906	12	0.119
Linear-by-Linear Association	0.015	1	0.903
N of Valid Cases	104		

a. 13 cells (65.0%) have expected count less than 5. The minimum expected count is .67.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.16_3 Familiarity with solar policy mechanism Virtual net-metering * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q2.16_3 Familiarity with solar policy mechanism Virtual net-metering	1.00 Not at all familiar	Count	12	8	35	16	71
		% within QID97 Urbanicity	66.7%	72.7%	74.5%	57.1%	68.3%
	2.00 Slightly familiar	Count	5	1	7	8	21
		% within QID97 Urbanicity	27.8%	9.1%	14.9%	28.6%	20.2%
	3.00 Somewhat familiar	Count	0	1	5	2	8
		% within QID97 Urbanicity	0.0%	9.1%	10.6%	7.1%	7.7%
	4.00 Moderately familiar	Count	0	0	0	1	1
		% within QID97 Urbanicity	0.0%	0.0%	0.0%	3.6%	1.0%
	5.00 Extremely familiar	Count	1	1	0	1	3
		% within QID97 Urbanicity	5.6%	9.1%	0.0%	3.6%	2.9%
Total		Count	18	11	47	28	104
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	11.606[a]	12	0.478
Likelihood Ratio	13.657	12	0.323
Linear-by-Linear Association	0.140	1	0.709
N of Valid Cases	104		

a. 14 cells (70.0%) have expected count less than 5. The minimum expected count is .11.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.16_4 Familiarity with solar policy mechanism Power Purchase Agreements * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q2.16_4 Familiarity with solar policy mechanism Power Purchase Agreements	1.00 Not at all familiar	Count	9	4	29	6	48
		% within QID97 Urbanicity	50.0%	36.4%	60.4%	22.2%	46.2%
	2.00 Slightly familiar	Count	2	2	12	13	29
		% within QID97 Urbanicity	11.1%	18.2%	25.0%	48.1%	27.9%
	3.00 Somewhat familiar	Count	4	3	5	5	17
		% within QID97 Urbanicity	22.2%	27.3%	10.4%	18.5%	16.3%
	4.00 Moderately familiar	Count	2	1	1	1	5
		% within QID97 Urbanicity	11.1%	9.1%	2.1%	3.7%	4.8%
	5.00 Extremely familiar	Count	1	1	1	2	5
		% within QID97 Urbanicity	5.6%	9.1%	2.1%	7.4%	4.8%
Total		Count	18	11	48	27	104
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	18.631[a]	12	0.098
Likelihood Ratio	18.892	12	0.091
Linear-by-Linear Association	0.035	1	0.852
N of Valid Cases	104		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is .53.

COMMUNITY CLASSIFICATION (URBANICITY)

RENEWABLE ENERGY PROCUREMENT

Q2.16_5 Familiarity with solar policy mechanism Shared, Community Solar * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q2.16_5 Familiarity with solar policy mechanism Shared, Community Solar	1.00 Not at all familiar	Count	10	4	26	11	51
		% within QID97 Urbanicity	55.6%	36.4%	56.5%	39.3%	49.5%
	2.00 Slightly familiar	Count	3	4	8	8	23
		% within QID97 Urbanicity	16.7%	36.4%	17.4%	28.6%	22.3%
	3.00 Somewhat familiar	Count	3	2	8	6	19
		% within QID97 Urbanicity	16.7%	18.2%	17.4%	21.4%	18.4%
	4.00 Moderately familiar	Count	1	0	4	1	6
		% within QID97 Urbanicity	5.6%	0.0%	8.7%	3.6%	5.8%
	5.00 Extremely familiar	Count	1	1	0	2	4
		% within QID97 Urbanicity	5.6%	9.1%	0.0%	7.1%	3.9%
Total		Count	18	11	46	28	103
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.966[a]	12	0.706
Likelihood Ratio	10.890	12	0.538
Linear-by-Linear Association	0.150	1	0.698
N of Valid Cases	103		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is .43.

COMMUNITY CLASSIFICATION (URBANICITY)

DISTRIBUTED GENERATION

Q3.1_1 Provide any online- Summary of the permitting process (permitting checklist) * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q3.1_1 Provide any online- Summary of the permitting process (permitting checklist)	1 Yes	Count	12	6	22	19	59
		% within QID97 Urbanicity	63.2%	54.5%	44.9%	63.3%	54.1%
	2 No	Count	7	5	26	10	48
		% within QID97 Urbanicity	36.8%	45.5%	53.1%	33.3%	44.0%
	3 Not sure	Count	0	0	1	1	2
		% within QID97 Urbanicity	0.0%	0.0%	2.0%	3.3%	1.8%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.371[a]	6	0.627
Likelihood Ratio	4.887	6	0.558
Linear-by-Linear Association	0.130	1	0.719
N of Valid Cases	109		

a. 5 cells (41.7%) have expected count less than 5. The minimum expected count is .20.

COMMUNITY CLASSIFICATION (URBANICITY)

DISTRIBUTED GENERATION

Q3.1_2 Provide any online- Examples of typical building plans * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q3.1_2 Provide any online- Examples of typical building plans	1 Yes	Count	3	0	4	9	16
		% within QID97 Urbanicity	15.8%	0.0%	8.2%	30.0%	14.7%
	2 No	Count	16	11	43	20	90
		% within QID97 Urbanicity	84.2%	100.0%	87.8%	66.7%	82.6%
	3 Not sure	Count	0	0	2	1	3
		% within QID97 Urbanicity	0.0%	0.0%	4.1%	3.3%	2.8%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	10.512[a]	6	0.105
Likelihood Ratio	12.095	6	0.060
Linear-by-Linear Association	0.991	1	0.320
N of Valid Cases	109		

a. 7 cells (58.3%) have expected count less than 5. The minimum expected count is .30.

COMMUNITY CLASSIFICATION (URBANICITY)

DISTRIBUTED GENERATION

Q3.1_3 Provide any online- Fee schedule * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q3.1_3 Provide any online- Fee schedule	1 Yes	Count	13	10	31	22	76
		% within QID97 Urbanicity	68.4%	90.9%	63.3%	73.3%	69.7%
	2 No	Count	6	1	18	7	32
		% within QID97 Urbanicity	31.6%	9.1%	36.7%	23.3%	29.4%
	3 Not sure	Count	0	0	0	1	1
		% within QID97 Urbanicity	0.0%	0.0%	0.0%	3.3%	0.9%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	6.545[a]	6	0.365
Likelihood Ratio	6.973	6	0.323
Linear-by-Linear Association	0.139	1	0.709
N of Valid Cases	109		

a. 5 cells (41.7%) have expected count less than 5. The minimum expected count is .10.

COMMUNITY CLASSIFICATION (URBANICITY)

DISTRIBUTED GENERATION

Q3.1_4 Provide any online- Local design criteria for building permits * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q3.1_4 Provide any online- Local design criteria for building permits	1 Yes	Count	7	6	14	15	42
		% within QID97 Urbanicity	36.8%	54.5%	28.6%	50.0%	38.5%
	2 No	Count	12	5	31	12	60
		% within QID97 Urbanicity	63.2%	45.5%	63.3%	40.0%	55.0%
	3 Not sure	Count	0	0	4	3	7
		% within QID97 Urbanicity	0.0%	0.0%	8.2%	10.0%	6.4%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.034[a]	6	0.236
Likelihood Ratio	9.911	6	0.128
Linear-by-Linear Association	0.091	1	0.763
N of Valid Cases	109		

a. 5 cells (41.7%) have expected count less than 5. The minimum expected count is .71.

COMMUNITY CLASSIFICATION (URBANICITY)

DISTRIBUTED GENERATION

Q3.1_5 Provide any online- Incentives (summary of policy and/or forms) * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q3.1_5 Provide any online- Incentives (summary of policy and/or forms)	1 Yes	Count	5	2	6	2	15
		% within QID97 Urbanicity	26.3%	18.2%	12.2%	6.7%	13.8%
	2 No	Count	14	9	41	24	88
		% within QID97 Urbanicity	73.7%	81.8%	83.7%	80.0%	80.7%
	3 Not sure	Count	0	0	2	4	6
		% within QID97 Urbanicity	0.0%	0.0%	4.1%	13.3%	5.5%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.856[a]	6	0.182
Likelihood Ratio	9.354	6	0.155
Linear-by-Linear Association	7.247	1	0.007
N of Valid Cases	109		

a. 7 cells (58.3%) have expected count less than 5. The minimum expected count is .61.

COMMUNITY CLASSIFICATION (URBANICITY)

DISTRIBUTED GENERATION

Q3.2_1 Able to do online - Apply for a building permit * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q3.2_1 Able to do online - Apply for a building permit	1 Yes	Count	13	8	27	20	68
		% within QID97 Urbanicity	68.4%	72.7%	55.1%	66.7%	62.4%
	2 No	Count	5	2	21	9	37
		% within QID97 Urbanicity	26.3%	18.2%	42.9%	30.0%	33.9%
	3 Not sure	Count	1	1	1	1	4
		% within QID97 Urbanicity	5.3%	9.1%	2.0%	3.3%	3.7%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.595[a]	6	0.597
Likelihood Ratio	4.501	6	0.609
Linear-by-Linear Association	0.020	1	0.888
N of Valid Cases	109		

a. 5 cells (41.7%) have expected count less than 5. The minimum expected count is .40.

COMMUNITY CLASSIFICATION (URBANICITY)

DISTRIBUTED GENERATION

Q3.2_2 Able to do online - Submit construction plans/ drawings * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q3.2_2 Able to do online - Submit construction plans/ drawings	1 Yes	Count	14	8	24	18	64
		% within QID97 Urbanicity	73.7%	72.7%	49.0%	60.0%	58.7%
	2 No	Count	4	2	24	10	40
		% within QID97 Urbanicity	21.1%	18.2%	49.0%	33.3%	36.7%
	3 Not sure	Count	1	1	1	2	5
		% within QID97 Urbanicity	5.3%	9.1%	2.0%	6.7%	4.6%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	7.775[a]	6	0.255
Likelihood Ratio	8.058	6	0.234
Linear-by-Linear Association	1.156	1	0.282
N of Valid Cases	109		

a. 5 cells (41.7%) have expected count less than 5. The minimum expected count is .50.

COMMUNITY CLASSIFICATION (URBANICITY)

DISTRIBUTED GENERATION

Q3.2_3 Able to do online - Schedule an inspection * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q3.2_3 Able to do online - Schedule an inspection	1 Yes	Count	12	8	16	15	51
		% within QID97 Urbanicity	63.2%	72.7%	32.7%	50.0%	46.8%
	2 No	Count	6	2	30	13	51
		% within QID97 Urbanicity	31.6%	18.2%	61.2%	43.3%	46.8%
	3 Not sure	Count	1	1	3	2	7
		% within QID97 Urbanicity	5.3%	9.1%	6.1%	6.7%	6.4%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	10.122[a]	6	0.120
Likelihood Ratio	10.538	6	0.104
Linear-by-Linear Association	1.638	1	0.201
N of Valid Cases	109		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is .71.

COMMUNITY CLASSIFICATION (URBANICITY)

DISTRIBUTED GENERATION

Q3.3 Interest in adopting a uniform permit review procedure * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q3.3 Interest in adopting a uniform permit review procedure	1 Not all interested	Count	3	0	10	3	16
		% within QID97 Urbanicity	18.8%	0.0%	23.3%	14.3%	18.2%
	2 Somewhat interested	Count	8	7	20	12	47
		% within QID97 Urbanicity	50.0%	87.5%	46.5%	57.1%	53.4%
	3 Very interested	Count	2	1	10	5	18
		% within QID97 Urbanicity	12.5%	12.5%	23.3%	23.8%	20.5%
	4 Our locality has already adopted standardized permitting requirements	Count	3	0	3	1	7
		% within QID97 Urbanicity	18.8%	0.0%	7.0%	4.8%	8.0%
Total		Count	16	8	43	21	88
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.779[a]	9	0.458
Likelihood Ratio	10.069	9	0.345
Linear-by-Linear Association	0.208	1	0.648
N of Valid Cases	88		

a. 11 cells (68.8%) have expected count less than 5. The minimum expected count is .64.

COMMUNITY CLASSIFICATION (URBANICITY)

DISTRIBUTED GENERATION

Q3.4 Interest in adopting an online permit review procedure * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q3.4 Interest in adopting an online permit review procedure	1 Not all interested	Count	2	3	11	2	18
		% within QID97 Urbanicity	11.8%	30.0%	28.2%	8.3%	20.0%
	2 Somewhat interested	Count	1	2	18	3	24
		% within QID97 Urbanicity	5.9%	20.0%	46.2%	12.5%	26.7%
	3 Very interested	Count	5	1	5	7	18
		% within QID97 Urbanicity	29.4%	10.0%	12.8%	29.2%	20.0%
	4 Our locality has already adopted standardized permitting requirements	Count	9	4	5	12	30
		% within QID97 Urbanicity	52.9%	40.0%	12.8%	50.0%	33.3%
Total		Count	17	10	39	24	90
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	26.587[a]	9	0.002
Likelihood Ratio	28.667	9	0.001
Linear-by-Linear Association	0.253	1	0.615
N of Valid Cases	90		

a. 9 cells (56.3%) have expected count less than 5. The minimum expected count is 2.00.

COMMUNITY CLASSIFICATION (URBANICITY)

DISTRIBUTED GENERATION

Q3.5 Allows customers to net meter excess solar * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q3.5 Allows customers to net meter excess solar	1 Yes	Count	1	1	0	1	3
		% within QID97 Urbanicity	5.3%	9.1%	0.0%	3.3%	2.8%
	2 No	Count	2	0	2	1	5
		% within QID97 Urbanicity	10.5%	0.0%	4.1%	3.3%	4.6%
	3 Not sure	Count	1	0	6	5	12
		% within QID97 Urbanicity	5.3%	0.0%	12.2%	16.7%	11.0%
	4 Not applicable	Count	15	10	41	23	89
		% within QID97 Urbanicity	78.9%	90.9%	83.7%	76.7%	81.7%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.491[a]	9	0.485
Likelihood Ratio	10.480	9	0.313
Linear-by-Linear Association	0.245	1	0.621
N of Valid Cases	109		

a. 11 cells (68.8%) have expected count less than 5. The minimum expected count is .30.

COMMUNITY CLASSIFICATION (URBANICITY)

DISTRIBUTED GENERATION

Q3.6 Exempt or partially exempt solar equipment from property taxes * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q3.6 Exempt or partially exempt solar equipment from property taxes	1 Yes	Count	3	2	2	3	10
		% within QID97 Urbanicity	15.8%	18.2%	4.1%	10.0%	9.2%
	2 No	Count	9	6	31	18	64
		% within QID97 Urbanicity	47.4%	54.5%	63.3%	60.0%	58.7%
	3 Not sure	Count	7	3	16	9	35
		% within QID97 Urbanicity	36.8%	27.3%	32.7%	30.0%	32.1%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.176[a]	6	0.653
Likelihood Ratio	4.186	6	0.652
Linear-by-Linear Association	0.045	1	0.833
N of Valid Cases	109		

a. 5 cells (41.7%) have expected count less than 5. The minimum expected count is 1.01.

COMMUNITY CLASSIFICATION (URBANICITY)

DISTRIBUTED GENERATION

Q3.7_1-3.7_5*$reasons*QID97 Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
$reasons Doesnt exempt solar equipment from property taxes.[a]	Q3.7_1 Reason locality doesn't exempt solar equipment from property taxes-Unaware tax exemption was allowed	Count	1	1	3	0	5
		% within QID97	11.1%	16.7%	10.3%	0.0%	
	Q3.7_2 Reason locality doesn't exempt solar equipment from property taxes-Because of potential fiscal impacts/revenue loss	Count	2	3	6	9	20
		% within QID97	22.2%	50.0%	20.7%	50.0%	
	Q3.7_3 Reason locality doesn't exempt solar equipment from property taxes-Citizens have not expressed intere	Count	4	1	7	3	15
		% within QID97	44.4%	16.7%	24.1%	16.7%	
	Q3.7_5 Reason locality doesn't exempt solar equipment from property taxes	Count	5	1	16	4	26
		% within QID97	55.6%	16.7%	55.2%	22.2%	
	Q3.7_4 Reason locality doesn't exempt solar equipment from property taxes-Other	Count	1	1	1	3	6
		% within QID97	11.1%	16.7%	3.4%	16.7%	
Total		Count	9	6	29	18	62

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

COMMUNITY CLASSIFICATION (URBANICITY)

UTILITY SCALE SOLAR

Q4.2 Reviewed an application For a large or utility scale solar facility * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q4.2 Reviewed an application For a large or utility scale solar facility	1 Yes	Count	1	2	28	20	51
		% within QID97 Urbanicity	20.0%	40.0%	63.6%	74.1%	63.0%
	2 No	Count	4	3	15	6	28
		% within QID97 Urbanicity	80.0%	60.0%	34.1%	22.2%	34.6%
	3 Not sure	Count	0	0	1	1	2
		% within QID97 Urbanicity	0.0%	0.0%	2.3%	3.7%	2.5%
Total		Count	5	5	44	27	81
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	7.952[a]	6	0.242
Likelihood Ratio	7.936	6	0.243
Linear-by-Linear Association	4.086	1	0.043
N of Valid Cases	81		

a. 8 cells (66.7%) have expected count less than 5. The minimum expected count is .12.

COMMUNITY CLASSIFICATION (URBANICITY)

UTILITY SCALE SOLAR

Q4.3, Q4.4, Q4.5 & Q4.6 Status of large scale solar facility applications by size *Urbancity crosstabulation							
		A. Urban (*n* =1)	B. Suburban (*n* =2)	C. Rural (*n* =28)	D. Combination (*n* =20)	Total number of applications	# of reporting localities
Number of applications reviewed total by size within urbanicity	Q4.3_38 Projects 500 KW up to 5 MW	0	3	91	37	131	51
	Q4.4_1 Projects 5-79 MW	0	6	55	60	121	51
	Q4.5_1 Projects 80-149 MW	0	1	25	10	36	51
	Q4.6_1 Projects 150+ MW	0	0	12	6	18	51
Number of applications under review by size within urbanicity	Q4.3_39 Projects 500 KW up to 5 MW	0	3	20	12	35	51
	Q4.4_2 Projects 5-79 MW	0	0	3	6	9	51
	Q4.5_2 Projects 80-149 MW	0	0	1	2	3	51
	Q4.6_2 Projects 150+ MW	0	0	3	1	4	51
Number of applications approved by size within urbanicity	Q4.3_40 Projects 500 KW up to 5 MW	0	0	58	18	76	51
	Q4.4_5 Projects 5-79 MW	0	6	47	21	74	51
	Q4.5_3 Projects 80-149 MW	0	1	17	4	22	51
	Q4.6_3 Projects 150+ MW	0	0	6	4	10	51
Number of applications withdrawnby size within urbanicity	Q4.3_41 Projects 500 KW up to 5 MW	0	0	11	1	12	51
	Q4.4_3 Projects 5-79 MW	0	0	5	3	8	51
	Q4.5_4 Projects 80-149 MW	0	0	4	4	8	51
	Q4.6_4 Projects 150+ MW	0	0	3	0	3	51
Number of applications denied by size within urbanicity	Q4.3_42 Projects 500 KW up to 5 MW	0	0	7	6	13	51
	Q4.4_4 Projects 5-79 MW	0	0	3	3	6	51
	Q4.5_5 Projects 80-149 MW	0	0	2	1	3	51
	Q4.6_5 Projects 150+ MW	0	0	0	1	1	51

COMMUNITY CLASSIFICATION (URBANICITY)

UTILITY SCALE SOLAR

Q4.8 Aware of local notice requirement * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q4.8 Aware of local notice requirement	1 Yes	Count	5	2	27	20	54
		% within QID97 Urbanicity	100.0%	40.0%	61.4%	74.1%	66.7%
	2 No	Count	0	2	15	5	22
		% within QID97 Urbanicity	0.0%	40.0%	34.1%	18.5%	27.2%
	5 Not sure	Count	0	1	2	2	5
		% within QID97 Urbanicity	0.0%	20.0%	4.5%	7.4%	6.2%
Total		Count	5	5	44	27	81
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	7.069[a]	6	0.314
Likelihood Ratio	8.143	6	0.228
Linear-by-Linear Association	0.012	1	0.913
N of Valid Cases	81		

a. 8 cells (66.7%) have expected count less than 5. The minimum expected count is .31.

COMMUNITY CLASSIFICATION (URBANICITY)

UTILITY SCALE SOLAR

Q4.9 Has your locality ever entered into a siting agreement negotiation process for a solar project? * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q4.9 Has your locality ever entered into a siting agreement negotiation process for a solar project?	1 Yes, at least one agreement was negotiated	Count	0	0	6	2	8
		% within QID97 Urbanicity	0.0%	0.0%	13.6%	7.4%	9.9%
	2 Negotiations are in progress, but not yet finalized	Count	0	0	5	5	10
		% within QID97 Urbanicity	0.0%	0.0%	11.4%	18.5%	12.3%
	3 No	Count	5	5	33	20	63
		% within QID97 Urbanicity	100.0%	100.0%	75.0%	74.1%	77.8%
Total		Count	5	5	44	27	81
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.613[a]	6	0.594
Likelihood Ratio	6.620	6	0.357
Linear-by-Linear Association	1.254	1	0.263
N of Valid Cases	81		

a. 9 cells (75.0%) have expected count less than 5. The minimum expected count is .49.

COMMUNITY CLASSIFICATION (URBANICITY)

UTILITY SCALE SOLAR

Q4.11_1 Solar facility regulations around-Avoidance of invasive species * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q4.11_1 Solar facility regulations around-Avoidance of invasive species	1 Yes	Count	1	2	17	12	32
		% within QID97 Urbanicity	20.0%	40.0%	38.6%	44.4%	39.5%
	2 No	Count	3	1	19	13	36
		% within QID97 Urbanicity	60.0%	20.0%	43.2%	48.1%	44.4%
	3 Not Sure	Count	1	2	8	2	13
		% within QID97 Urbanicity	20.0%	40.0%	18.2%	7.4%	16.0%
Total		Count	5	5	44	27	81
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.917[a]	6	0.554
Likelihood Ratio	4.944	6	0.551
Linear-by-Linear Association	2.028	1	0.154
N of Valid Cases	81		

a. 7 cells (58.3%) have expected count less than 5. The minimum expected count is .80.

COMMUNITY CLASSIFICATION (URBANICITY)

UTILITY SCALE SOLAR

Q4.11_2 Solar facility regulations around-Conservation easements * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q4.11_2 Solar facility regulations around-Conservation easements	1 Yes	Count	1	2	15	12	30
		% within QID97 Urbanicity	20.0%	40.0%	34.1%	44.4%	37.0%
	2 No	Count	4	2	24	13	43
		% within QID97 Urbanicity	80.0%	40.0%	54.5%	48.1%	53.1%
	3 Not Sure	Count	0	1	5	2	8
		% within QID97 Urbanicity	0.0%	20.0%	11.4%	7.4%	9.9%
Total		Count	5	5	44	27	81
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	3.170[a]	6	0.787
Likelihood Ratio	3.539	6	0.739
Linear-by-Linear Association	0.696	1	0.404
N of Valid Cases	81		

a. 8 cells (66.7%) have expected count less than 5. The minimum expected count is .49.

COMMUNITY CLASSIFICATION (URBANICITY)

UTILITY SCALE SOLAR

Q4.11_3 Solar facility regulations around Erosion and sediment control * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q4.11_3 Solar facility regulations around Erosion and sediment control	1 Yes	Count	4	2	38	24	68
		% within QID97 Urbanicity	80.0%	40.0%	88.4%	88.9%	85.0%
	2 No	Count	1	2	4	2	9
		% within QID97 Urbanicity	20.0%	40.0%	9.3%	7.4%	11.3%
	3 Not Sure	Count	0	1	1	1	3
		% within QID97 Urbanicity	0.0%	20.0%	2.3%	3.7%	3.8%
Total		Count	5	5	43	27	80
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	9.766[a]	6	0.135
Likelihood Ratio	7.004	6	0.320
Linear-by-Linear Association	1.563	1	0.211
N of Valid Cases	80		

a. 10 cells (83.3%) have expected count less than 5. The minimum expected count is .19.

COMMUNITY CLASSIFICATION (URBANICITY)

UTILITY SCALE SOLAR

Q4.11_4 Solar facility regulations around - Habitat fragmentation, wildlife-friendly design elements * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q4.11_4 Solar facility regulations around - Habitat fragmentation, wildlife-friendly design elements	1 Yes	Count	1	1	24	14	40
		% within QID97 Urbanicity	20.0%	20.0%	54.5%	51.9%	49.4%
	2 No	Count	3	3	17	11	34
		% within QID97 Urbanicity	60.0%	60.0%	38.6%	40.7%	42.0%
	3 Not Sure	Count	1	1	3	2	7
		% within QID97 Urbanicity	20.0%	20.0%	6.8%	7.4%	8.6%
Total		Count	5	5	44	27	81
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.629[a]	6	0.592
Likelihood Ratio	4.653	6	0.589
Linear-by-Linear Association	2.401	1	0.121
N of Valid Cases	81		

a. 8 cells (66.7%) have expected count less than 5. The minimum expected count is .43.

COMMUNITY CLASSIFICATION (URBANICITY)

UTILITY SCALE SOLAR

Q4.11_5 Solar facility regulations around - Historic, cultural resources * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q4.11_5 Solar facility regulations around - Historic, cultural resources	1 Yes	Count	2	2	29	20	53
		% within QID97 Urbanicity	40.0%	40.0%	65.9%	74.1%	65.4%
	2 No	Count	3	2	12	6	23
		% within QID97 Urbanicity	60.0%	40.0%	27.3%	22.2%	28.4%
	3 Not Sure	Count	0	1	3	1	5
		% within QID97 Urbanicity	0.0%	20.0%	6.8%	3.7%	6.2%
Total		Count	5	5	44	27	81
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.830[a]	6	0.443
Likelihood Ratio	5.323	6	0.503
Linear-by-Linear Association	2.558	1	0.110
N of Valid Cases	81		

a. 8 cells (66.7%) have expected count less than 5. The minimum expected count is .31.

COMMUNITY CLASSIFICATION (URBANICITY)

UTILITY SCALE SOLAR

Q4.11_6 Solar facility regulations around- Redevelopment of brownfields or previously-developed sites for solar * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q4.11_6 Solar facility regulations around- Redevelopment of brownfields or previously-developed sites for solar	1 Yes	Count	2	0	14	4	20
		% within QID97 Urbanicity	40.0%	0.0%	31.8%	14.8%	24.7%
	2 No	Count	3	4	25	19	51
		% within QID97 Urbanicity	60.0%	80.0%	56.8%	70.4%	63.0%
	3 Not Sure	Count	0	1	5	4	10
		% within QID97 Urbanicity	0.0%	20.0%	11.4%	14.8%	12.3%
Total		Count	5	5	44	27	81
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.440[a]	6	0.489
Likelihood Ratio	7.257	6	0.298
Linear-by-Linear Association	1.112	1	0.292
N of Valid Cases	81		

a. 7 cells (58.3%) have expected count less than 5. The minimum expected count is .62.

COMMUNITY CLASSIFICATION (URBANICITY)

UTILITY SCALE SOLAR

Q4.11_7 Solar facility regulations around - Pollinator-friendly species * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q4.11_7 Solar facility regulations around - Pollinator-friendly species	1 Yes	Count	0	1	17	12	30
		% within QID97 Urbanicity	0.0%	20.0%	39.5%	44.4%	37.5%
	2 No	Count	4	3	18	12	37
		% within QID97 Urbanicity	80.0%	60.0%	41.9%	44.4%	46.3%
	3 Not Sure	Count	1	1	8	3	13
		% within QID97 Urbanicity	20.0%	20.0%	18.6%	11.1%	16.3%
Total		Count	5	5	43	27	80
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.984[a]	6	0.546
Likelihood Ratio	6.732	6	0.346
Linear-by-Linear Association	2.853	1	0.091
N of Valid Cases	80		

a. 7 cells (58.3%) have expected count less than 5. The minimum expected count is .81.

COMMUNITY CLASSIFICATION (URBANICITY)

UTILITY SCALE SOLAR

Q4.11_8 Solar facility regulations around- Scenic rivers * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q4.11_8 Solar facility regulations around- Scenic rivers	1 Yes	Count	0	0	18	9	27
		% within QID97 Urbanicity	0.0%	0.0%	40.9%	34.6%	33.8%
	2 No	Count	5	4	20	13	42
		% within QID97 Urbanicity	100.0%	80.0%	45.5%	50.0%	52.5%
	3 Not Sure	Count	0	1	6	4	11
		% within QID97 Urbanicity	0.0%	20.0%	13.6%	15.4%	13.8%
Total		Count	5	5	44	26	80
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.245[a]	6	0.221
Likelihood Ratio	11.710	6	0.069
Linear-by-Linear Association	0.662	1	0.416
N of Valid Cases	80		

a. 7 cells (58.3%) have expected count less than 5. The minimum expected count is .69.

COMMUNITY CLASSIFICATION (URBANICITY)

UTILITY SCALE SOLAR

Q4.11_9 Solar facility regulations around - State Wildlife Action Plan * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q4.11_9 Solar facility regulations around - State Wildlife Action Plan	1 Yes	Count	0	0	7	4	11
		% within QID97 Urbanicity	0.0%	0.0%	15.9%	14.8%	13.6%
	2 No	Count	4	4	22	18	48
		% within QID97 Urbanicity	80.0%	80.0%	50.0%	66.7%	59.3%
	3 Not Sure	Count	1	1	15	5	22
		% within QID97 Urbanicity	20.0%	20.0%	34.1%	18.5%	27.2%
Total		Count	5	5	44	27	81
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.886[a]	6	0.559
Likelihood Ratio	6.242	6	0.397
Linear-by-Linear Association	0.666	1	0.414
N of Valid Cases	81		

a. 7 cells (58.3%) have expected count less than 5. The minimum expected count is .68.

COMMUNITY CLASSIFICATION (URBANICITY)

UTILITY SCALE SOLAR

Q4.12_1 Regulations enable - Pollinator-friendly planting * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q4.12_1 Regulations enable - Pollinator-friendly planting	1 Not allowed	Count	0	0	0	1	1
		% within QID97 Urbanicity	0.0%	0.0%	0.0%	3.7%	1.2%
	2 Allowed, but not recommended or required	Count	2	1	8	7	18
		% within QID97 Urbanicity	40.0%	20.0%	18.2%	25.9%	22.2%
	3 Recommended, but not required	Count	0	1	8	5	14
		% within QID97 Urbanicity	0.0%	20.0%	18.2%	18.5%	17.3%
	7 Required to be satisfied	Count	0	0	10	7	17
		% within QID97 Urbanicity	0.0%	0.0%	22.7%	25.9%	21.0%
	10 Silent, No Position	Count	3	3	18	7	31
		% within QID97 Urbanicity	60.0%	60.0%	40.9%	25.9%	38.3%
Total		Count	5	5	44	27	81
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	9.007[a]	12	0.702
Likelihood Ratio	11.970	12	0.448
Linear-by-Linear Association	1.442	1	0.230
N of Valid Cases	81		

a. 13 cells (65.0%) have expected count less than 5. The minimum expected count is .06.

COMMUNITY CLASSIFICATION (URBANICITY)

UTILITY SCALE SOLAR

Q4.12_2 Regulations enable - Vegetative ground cover (native or otherwise) * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q4.12_2 Regulations enable - Vegetative ground cover (native or otherwise)	1 Not allowed	Count	0	0	0	1	1
		% within QID97 Urbanicity	0.0%	0.0%	0.0%	3.7%	1.2%
	2 Allowed, but not recommended or required	Count	1	1	2	3	7
		% within QID97 Urbanicity	20.0%	20.0%	4.5%	11.1%	8.6%
	3 Recommended, but not required	Count	0	1	3	3	7
		% within QID97 Urbanicity	0.0%	20.0%	6.8%	11.1%	8.6%
	7 Required to be satisfied	Count	1	1	26	14	42
		% within QID97 Urbanicity	20.0%	20.0%	59.1%	51.9%	51.9%
	10 Silent, No Position	Count	3	2	13	6	24
		% within QID97 Urbanicity	60.0%	40.0%	29.5%	22.2%	29.6%
Total		Count	5	5	44	27	81
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	10.715[a]	12	0.553
Likelihood Ratio	11.148	12	0.516
Linear-by-Linear Association	1.236	1	0.266
N of Valid Cases	81		

a. 16 cells (80.0%) have expected count less than 5. The minimum expected count is .06.

Q4.12_3 Regulations enable - Animal grazing as a means of ground maintenance * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q4.12_3 Regulations enable - Animal grazing as a means of ground maintenance	1 Not allowed	Count	0	0	0	2	2
		% within QID97 Urbanicity	0.0%	0.0%	0.0%	7.4%	2.5%
	2 Allowed, but not recommended or required	Count	0	1	13	8	22
		% within QID97 Urbanicity	0.0%	20.0%	29.5%	29.6%	27.2%
	3 Recommended, but not required	Count	0	0	3	8	11
		% within QID97 Urbanicity	0.0%	0.0%	6.8%	29.6%	13.6%
	7 Required to be satisfied	Count	0	0	3	0	3
		% within QID97 Urbanicity	0.0%	0.0%	6.8%	0.0%	3.7%
	10 Silent, No Position	Count	5	4	25	9	43
		% within QID97 Urbanicity	100.0%	80.0%	56.8%	33.3%	53.1%
Total		Count	5	5	44	27	81
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	20.944[a]	12	0.051
Likelihood Ratio	24.006	12	0.020
Linear-by-Linear Association	10.685	1	0.001
N of Valid Cases	81		

a. 15 cells (75.0%) have expected count less than 5. The minimum expected count is .12.

COMMUNITY CLASSIFICATION (URBANICITY)

UTILITY SCALE SOLAR

Q4.12_4 Regulations enable - Apiary/Beekeeping * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q4.12_4 Regulations enable - Apiary/Beekeeping	1 Not allowed	Count	0	0	0	2	2
		% within QID97 Urbanicity	0.0%	0.0%	0.0%	7.4%	2.5%
	2 Allowed, but not recommended or required	Count	0	1	13	10	24
		% within QID97 Urbanicity	0.0%	20.0%	29.5%	37.0%	29.6%
	3 Recommended, but not required	Count	0	0	1	5	6
		% within QID97 Urbanicity	0.0%	0.0%	2.3%	18.5%	7.4%
	7 Required to be satisfied	Count	0	0	3	0	3
		% within QID97 Urbanicity	0.0%	0.0%	6.8%	0.0%	3.7%
	10 Silent, No Position	Count	5	4	27	10	46
		% within QID97 Urbanicity	100.0%	80.0%	61.4%	37.0%	56.8%
Total		Count	5	5	44	27	81
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	19.603[a]	12	0.075
Likelihood Ratio	22.492	12	0.032
Linear-by-Linear Association	10.079	1	0.001
N of Valid Cases	81		

a. 16 cells (80.0%) have expected count less than 5. The minimum expected count is .12.

COMMUNITY CLASSIFICATION (URBANICITY)

UTILITY SCALE SOLAR

Q4.12_5 Regulations enable - Dual-use of agriculture and solar photovoltaics (agrivoltaics) * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q4.12_5 Regulations enable - Dual-use of agriculture and solar photovoltaics (agrivoltaics)	1 Not allowed	Count	0	0	0	2	2
		% within QID97 Urbanicity	0.0%	0.0%	0.0%	7.4%	2.5%
	2 Allowed, but not recommended or required	Count	0	1	12	9	22
		% within QID97 Urbanicity	0.0%	20.0%	27.3%	33.3%	27.2%
	3 Recommended, but not required	Count	0	0	1	5	6
		% within QID97 Urbanicity	0.0%	0.0%	2.3%	18.5%	7.4%
	7 Required to be satisfied	Count	0	0	4	0	4
		% within QID97 Urbanicity	0.0%	0.0%	9.1%	0.0%	4.9%
	10 Silent, No Position	Count	5	4	27	11	47
		% within QID97 Urbanicity	100.0%	80.0%	61.4%	40.7%	58.0%
Total		Count	5	5	44	27	81
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	19.411[a]	12	0.079
Likelihood Ratio	22.503	12	0.032
Linear-by-Linear Association	8.995	1	0.003
N of Valid Cases	81		

a. 16 cells (80.0%) have expected count less than 5. The minimum expected count is .12.

COMMUNITY CLASSIFICATION (URBANICITY)

UTILITY SCALE SOLAR

Q4.12_6 Regulations enable - Soil health management * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q4.12_6 Regulations enable - Soil health management	1 Not allowed	Count	0	0	0	1	1
		% within QID97 Urbanicity	0.0%	0.0%	0.0%	3.7%	1.2%
	2 Allowed, but not recommended or required	Count	0	1	8	4	13
		% within QID97 Urbanicity	0.0%	20.0%	18.2%	14.8%	16.0%
	3 Recommended, but not required	Count	0	1	4	6	11
		% within QID97 Urbanicity	0.0%	20.0%	9.1%	22.2%	13.6%
	7 Required to be satisfied	Count	0	0	11	5	16
		% within QID97 Urbanicity	0.0%	0.0%	25.0%	18.5%	19.8%
	10 Silent, No Position	Count	5	3	21	11	40
		% within QID97 Urbanicity	100.0%	60.0%	47.7%	40.7%	49.4%
Total		Count	5	5	44	27	81
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	11.720[a]	12	0.468
Likelihood Ratio	14.563	12	0.266
Linear-by-Linear Association	4.049	1	0.044
N of Valid Cases	81		

a. 14 cells (70.0%) have expected count less than 5. The minimum expected count is .06.

COMMUNITY CLASSIFICATION (URBANICITY)

COMPREHENSIVE PLAN

Q5.1_1 Comprehensive plan references - Sustainability goals * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q5.1_1 Comprehensive plan references - Sustainability goals	1 Yes, adopted	Count	12	8	15	12	47
		% within QID97 Urbanicity	63.2%	72.7%	30.6%	40.0%	43.1%
	2 No, but we are in the process of updating to include	Count	2	0	5	7	14
		% within QID97 Urbanicity	10.5%	0.0%	10.2%	23.3%	12.8%
	3 No, but we are contemplating adding it in next revision cycle	Count	0	1	7	7	15
		% within QID97 Urbanicity	0.0%	9.1%	14.3%	23.3%	13.8%
	4 No, no current plans to include	Count	4	1	14	3	22
		% within QID97 Urbanicity	21.1%	9.1%	28.6%	10.0%	20.2%
	8 Not Sure	Count	1	1	8	1	11
		% within QID97 Urbanicity	5.3%	9.1%	16.3%	3.3%	10.1%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	22.598[a]	12	0.031
Likelihood Ratio	26.023	12	0.011
Linear-by-Linear Association	0.471	1	0.492
N of Valid Cases	109		

a. 13 cells (65.0%) have expected count less than 5. The minimum expected count is 1.11.

COMMUNITY CLASSIFICATION (URBANICITY)

COMPREHENSIVE PLAN

Q5.1_2 Comprehensive plan references - Renewable/Clean Energy * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q5.1_2 Comprehensive plan references - Renewable/Clean Energy	1 Yes, adopted	Count	7	5	13	5	30
		% within QID97 Urbanicity	36.8%	45.5%	26.5%	16.7%	27.5%
	2 No, but we are in the process of updating to include	Count	1	0	5	8	14
		% within QID97 Urbanicity	5.3%	0.0%	10.2%	26.7%	12.8%
	3 No, but we are contemplating adding it in next revision cycle	Count	3	3	6	12	24
		% within QID97 Urbanicity	15.8%	27.3%	12.2%	40.0%	22.0%
	4 No, no current plans to include	Count	7	2	19	3	31
		% within QID97 Urbanicity	36.8%	18.2%	38.8%	10.0%	28.4%
	8 Not Sure	Count	1	1	6	2	10
		% within QID97 Urbanicity	5.3%	9.1%	12.2%	6.7%	9.2%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	24.514[a]	12	0.017
Likelihood Ratio	25.708	12	0.012
Linear-by-Linear Association	0.062	1	0.803
N of Valid Cases	109		

a. 11 cells (55.0%) have expected count less than 5. The minimum expected count is 1.01.

COMMUNITY CLASSIFICATION (URBANICITY)

COMPREHENSIVE PLAN

Q5.1_3 Comprehensive plan references - Greenhouse gas emissions, carbon reduction strategies * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q5.1_3 Comprehensive plan references - Greenhouse gas emissions, carbon reduction strategies	1 Yes, adopted	Count	5	4	6	4	19
		% within QID97 Urbanicity	26.3%	36.4%	12.2%	13.3%	17.4%
	2 No, but we are in the process of updating to include	Count	1	0	2	5	8
		% within QID97 Urbanicity	5.3%	0.0%	4.1%	16.7%	7.3%
	3 No, but we are contemplating adding it in next revision cycle	Count	4	2	5	6	17
		% within QID97 Urbanicity	21.1%	18.2%	10.2%	20.0%	15.6%
	4 No, no current plans to include	Count	8	4	27	13	52
		% within QID97 Urbanicity	42.1%	36.4%	55.1%	43.3%	47.7%
	8 Not Sure	Count	1	1	9	2	13
		% within QID97 Urbanicity	5.3%	9.1%	18.4%	6.7%	11.9%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	15.333[a]	12	0.224
Likelihood Ratio	14.944	12	0.245
Linear-by-Linear Association	0.692	1	0.406
N of Valid Cases	109		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is .81.

COMMUNITY CLASSIFICATION (URBANICITY)

COMPREHENSIVE PLAN

Q5.1_4 Comprehensive plan references - Community disaster preparedness and energy resiliency * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q5.1_4 Comprehensive plan references - Community disaster preparedness and energy resiliency	1 Yes, adopted	Count	6	2	10	2	20
		% within QID97 Urbanicity	31.6%	18.2%	20.4%	6.7%	18.3%
	2 No, but we are in the process of updating to include	Count	3	0	4	7	14
		% within QID97 Urbanicity	15.8%	0.0%	8.2%	23.3%	12.8%
	3 No, but we are contemplating adding it in next revision cycle	Count	2	4	8	8	22
		% within QID97 Urbanicity	10.5%	36.4%	16.3%	26.7%	20.2%
	4 No, no current plans to include	Count	6	4	17	7	34
		% within QID97 Urbanicity	31.6%	36.4%	34.7%	23.3%	31.2%
	8 Not Sure	Count	2	1	10	6	19
		% within QID97 Urbanicity	10.5%	9.1%	20.4%	20.0%	17.4%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.598[a]	12	0.264
Likelihood Ratio	16.108	12	0.186
Linear-by-Linear Association	1.772	1	0.183
N of Valid Cases	109		

a. 10 cells (50.0%) have expected count less than 5. The minimum expected count is 1.41.

COMMUNITY CLASSIFICATION (URBANICITY)

COMPREHENSIVE PLAN

Q5.2 Comprehensive plan prioritizes general areas for solar generation * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q5.2 Comprehensive plan prioritizes general areas for solar generation	1 Yes	Count	0	0	12	6	18
		% within QID97 Urbanicity	0.0%	0.0%	24.5%	20.0%	16.5%
	2 No	Count	17	10	32	17	76
		% within QID97 Urbanicity	89.5%	90.9%	65.3%	56.7%	69.7%
	4 Other (Please explain)	Count	2	1	5	7	15
		% within QID97 Urbanicity	10.5%	9.1%	10.2%	23.3%	13.8%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	12.471[a]	6	0.052
Likelihood Ratio	16.801	6	0.010
Linear-by-Linear Association	0.000	1	0.992
N of Valid Cases	109		

a. 6 cells (50.0%) have expected count less than 5. The minimum expected count is 1.51.

COMMUNITY CLASSIFICATION (URBANICITY)

COMPREHENSIVE PLAN

Q5.3_1-5.3_6 $land*QID97 Crosstabulation

			QID97 Urbanicity		Total
			3 Rural	4 Combination	
$land Identified Land characteristics.[a]	Q5.3_1 Identified land characteristics-Previously-disturbed land, brownfields, coal-impacted lands including Abandoned Mine Lands	Count	7	0	7
		% within QID97	58.3%	0.0%	
	Q5.3_2 Identified land characteristics-Industrial land	Count	5	1	6
		% within QID97	41.7%	16.7%	
	Q5.3_3 Identified land characteristics-Agricultural land	Count	8	2	10
		% within QID97	66.7%	33.3%	
	Q5.3_4 Identified land characteristics-Land adjacent or within a certain proximity to existing electric infrastructure/grid	Count	7	3	10
		% within QID97	58.3%	50.0%	
	Q5.3_5 Identified land characteristics-Commercial timber land	Count	1	1	2
		% within QID97	8.3%	16.7%	
	Q5.3_6 Identified land characteristics-Other	Count	0	2	2
		% within QID97	0.0%	33.3%	
Total		Count	12	6	18

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

COMMUNITY CLASSIFICATION (URBANICITY)

ZONING

Q6.1 Has a zoning ordinance * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q6.1 Has a zoning ordinance	1 Yes	Count	17	11	42	30	100
		% within QID97 Urbanicity	89.5%	100.0%	85.7%	100.0%	91.7%
	2 No	Count	2	0	7	0	9
		% within QID97 Urbanicity	10.5%	0.0%	14.3%	0.0%	8.3%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	6.170[a]	3	0.104
Likelihood Ratio	9.152	3	0.027
Linear-by-Linear Association	0.680	1	0.410
N of Valid Cases	109		

a. 4 cells (50.0%) have expected count less than 5. The minimum expected count is .91.

COMMUNITY CLASSIFICATION (URBANICITY)

ZONING

Q6.2 Provides clear regulatory pathway for approval of distributed generation solar projects * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q6.2 Provides clear regulatory pathway for approval of distributed generation solar projects	1 Yes	Count	1	6	24	17	48
		% within QID97 Urbanicity	5.9%	54.5%	57.1%	56.7%	48.0%
	2 No	Count	14	5	10	9	38
		% within QID97 Urbanicity	82.4%	45.5%	23.8%	30.0%	38.0%
	3 Not Sure	Count	2	0	8	4	14
		% within QID97 Urbanicity	11.8%	0.0%	19.0%	13.3%	14.0%
Total		Count	17	11	42	30	100
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	21.648[a]	6	0.001
Likelihood Ratio	25.030	6	0.000
Linear-by-Linear Association	3.655	1	0.056
N of Valid Cases	100		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is 1.54.

COMMUNITY CLASSIFICATION (URBANICITY)

ZONING

Q6.3 Regulatory pathway is an admin process * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q6.3 Regulatory pathway is an admin process	1 Yes	Count	1	2	8	8	19
		% within QID97 Urbanicity	100.0%	33.3%	33.3%	47.1%	39.6%
	2 No	Count	0	2	14	7	23
		% within QID97 Urbanicity	0.0%	33.3%	58.3%	41.2%	47.9%
	3 Not Sure	Count	0	0	1	0	1
		% within QID97 Urbanicity	0.0%	0.0%	4.2%	0.0%	2.1%
	4 Other (Please explain)	Count	0	2	1	2	5
		% within QID97 Urbanicity	0.0%	33.3%	4.2%	11.8%	10.4%
Total		Count	1	6	24	17	48
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	7.967[a]	9	0.537
Likelihood Ratio	7.811	9	0.553
Linear-by-Linear Association	0.300	1	0.584
N of Valid Cases	48		

a. 12 cells (75.0%) have expected count less than 5. The minimum expected count is .02.

COMMUNITY CLASSIFICATION (URBANICITY)

ZONING

Q6.4 Provides clear regulatory pathway for approval of utility scale solar projects * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q6.4 Provides clear regulatory pathway for approval of utility scale solar projects	1 Yes	Count	1	4	30	21	56
		% within QID97 Urbanicity	5.9%	36.4%	71.4%	70.0%	56.0%
	2 No	Count	5	5	8	5	23
		% within QID97 Urbanicity	29.4%	45.5%	19.0%	16.7%	23.0%
	3 Not sure	Count	0	0	4	3	7
		% within QID97 Urbanicity	0.0%	0.0%	9.5%	10.0%	7.0%
	5 Not applicable because our locality is too small or developed to accomodate any utility	Count	11	2	0	1	14
		% within QID97 Urbanicity	64.7%	18.2%	0.0%	3.3%	14.0%
Total		Count	17	11	42	30	100
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	57.145[a]	9	0.000
Likelihood Ratio	55.501	9	0.000
Linear-by-Linear Association	33.120	1	0.000
N of Valid Cases	100		

a. 9 cells (56.3%) have expected count less than 5. The minimum expected count is .77.

COMMUNITY CLASSIFICATION (URBANICITY)

ZONING

Q6.5_1-6.5_5*$path*QID97 Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
$path Regulatory pathway.[a]	Q6.5_2 Regulatory pathway for utility scale solar projec-With a conditional use permit, special use permit, special exception permit	Count	0	3	30	20	53
		% within QID97	0.0%	75.0%	100.0%	95.2%	
	Q6.5_1 Regulatory pathway for utility scale solar project-By-right in certain districts	Count	1	1	3	6	11
		% within QID97	100.0%	25.0%	10.0%	28.6%	
	Q6.5_3 Regulatory pathway for utility scale solar project-In an overlay district	Count	0	0	0	1	1
		% within QID97	0.0%	0.0%	0.0%	4.8%	
	Q6.5_4 Regulatory pathway for utility scale solar project-In a floating district	Count	0	0	1	1	2
		% within QID97	0.0%	0.0%	3.3%	4.8%	
	Q6.5_5 Regulatory pathway for utility scale solar project-Other	Count	0	0	0	2	2
		% within QID97	0.0%	0.0%	0.0%	9.5%	
Total		Count	1	4	30	21	56

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

COMMUNITY CLASSIFICATION (URBANICITY)

ZONING

Q6.9_1, 6.9_2, 6.9_4*$additions*QID97 Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
$additions Regulatory pathway additions.[a]	Q6.9_1 Regulatory pathway additions- By-right in certain districts	Count	1	1	0	1	3
		% within QID97	100.0%	100.0%	0.0%	33.3%	
	Q6.9_2 Regulatory pathway additions- With a conditional use permit/special use permit/special exception in specific districts	Count	1	0	3	3	7
		% within QID97	100.0%	0.0%	100.0%	100.0%	
	Q6.9_4 Regulatory pathway additions- In an overlay district	Count	0	0	1	0	1
		% within QID97	0.0%	0.0%	33.3%	0.0%	
Total		Count	1	1	3	3	8

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

COMMUNITY CLASSIFICATION (URBANICITY)

ZONING

Q6.10 Adopted a solar ordinance * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q6.10 Adopted a solar ordinance	1 Yes	Count	2	3	27	13	45
		% within QID97 Urbanicity	10.5%	27.3%	55.1%	43.3%	41.3%
	2 We are in the process of adopting a solar ordinance	Count	1	1	5	3	10
		% within QID97 Urbanicity	5.3%	9.1%	10.2%	10.0%	9.2%
	3 No	Count	12	6	15	10	43
		% within QID97 Urbanicity	63.2%	54.5%	30.6%	33.3%	39.4%
	4 Not sure	Count	1	0	0	0	1
		% within QID97 Urbanicity	5.3%	0.0%	0.0%	0.0%	0.9%
	6 Other (Please explain)	Count	3	1	2	4	10
		% within QID97 Urbanicity	15.8%	9.1%	4.1%	13.3%	9.2%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	19.761[a]	12	0.072
Likelihood Ratio	20.036	12	0.066
Linear-by-Linear Association	4.911	1	0.027
N of Valid Cases	109		

a. 14 cells (70.0%) have expected count less than 5. The minimum expected count is .10.

COMMUNITY CLASSIFICATION (URBANICITY)

ZONING

Q6.11_1-6.11_7*$address*QID97 Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
$address Solar ordinance applications.[a]	Q6.11_2 Solar ordinance addresses-Residential	Count	2	3	25	6	36
		% within QID97	66.7%	75.0%	78.1%	37.5%	
	Q6.11_1 Solar ordinance addresses-Commercial, Institutional	Count	1	3	21	8	33
		% within QID97	33.3%	75.0%	65.6%	50.0%	
	Q6.11_6 Solar ordinance addresses-Agricultural generators	Count	0	2	11	5	18
		% within QID97	0.0%	50.0%	34.4%	31.3%	
	Q6.11_3 Solar ordinance addresses-Shared or Community solar	Count	0	1	9	5	15
		% within QID97	0.0%	25.0%	28.1%	31.3%	
	Q6.11_4 Solar ordinance addresses-Utility scale solar	Count	0	4	31	16	51
		% within QID97	0.0%	100.0%	96.9%	100.0%	
	Q6.11_7 Solar ordinance addresses-Not sure	Count	1	0	0	0	1
		% within QID97	33.3%	0.0%	0.0%	0.0%	
	Q6.11_5 Solar ordinance addresses-Other	Count	0	1	0	1	2
		% within QID97	0.0%	25.0%	0.0%	6.3%	
Total		Count	3	4	32	16	55

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

COMMUNITY CLASSIFICATION (URBANICITY)

ZONING

Q6.12_1-6.12_9*$ord*QID97 Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
$ord Solar ordinance topics.[a]	Q6.12_1 Solar ordinance addresses-Provisions for generally accepted national standards for solar panels	Count	3	1	19	5	28
		% within QID97	100.0%	25.0%	59.4%	31.3%	
	Q6.12_2 Solar ordinance addresses-Provisions for generally accepted national standards for battery storage technologies for solar photovoltaic	Count	2	0	11	3	16
		% within QID97	66.7%	0.0%	34.4%	18.8%	
	Q6.12_3 Solar ordinance addresses-Property line setbacks	Count	3	3	30	16	52
		% within QID97	100.0%	75.0%	93.8%	100.0%	
	Q6.12_4 Solar ordinance addresses-Vegetated buffers or screening	Count	2	2	30	15	49
		% within QID97	66.7%	50.0%	93.8%	93.8%	
	Q6.12_5 Solar ordinance addresses-Erosion & sediment control	Count	2	2	29	13	46
		% within QID97	66.7%	50.0%	90.6%	81.3%	
	Q6.12_6 Solar ordinance addresses-Agricultural lands	Count	1	0	19	10	30
		% within QID97	33.3%	0.0%	59.4%	62.5%	
	Q6.12_7 Solar ordinance addresses-Decommissioning Plan requirements above and beyond state code requirements	Count	0	1	29	15	45
		% within QID97	0.0%	25.0%	90.6%	93.8%	
	Q6.12_9 Solar ordinance addresses-Agrivoltaics	Count	1	0	2	3	6
		% within QID97	33.3%	0.0%	6.3%	18.8%	
	Q6.12_8 Solar ordinance addresses-Other	Count	0	1	1	1	3
		% within QID97	0.0%	25.0%	3.1%	6.3%	
Total		Count	3	4	32	16	55

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

COMMUNITY CLASSIFICATION (URBANICITY)

ECONOMIC CONSIDERATIONS

Q7.1 Considered economic impacts * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q7.1 Considered economic impacts	1 Yes	Count	1	2	22	12	37
		% within QID97 Urbanicity	5.3%	18.2%	44.9%	40.0%	33.9%
	2 No	Count	14	8	18	15	55
		% within QID97 Urbanicity	73.7%	72.7%	36.7%	50.0%	50.5%
	3 Not sure	Count	4	1	9	3	17
		% within QID97 Urbanicity	21.1%	9.1%	18.4%	10.0%	15.6%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	13.913[a]	6	0.031
Likelihood Ratio	16.365	6	0.012
Linear-by-Linear Association	5.771	1	0.016
N of Valid Cases	109		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is 1.72.

COMMUNITY CLASSIFICATION (URBANICITY)

ECONOMIC CONSIDERATIONS

Q7.2_1 Importance of direct economic impacts on approval decision * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q7.2_1 Importance of direct economic impacts on approval decision	2.00 Not at all important	Count	3	1	1	2	7
		% within QID97 Urbanicity	27.3%	14.3%	2.6%	9.1%	8.9%
	3.00 Slightly important	Count	2	3	6	4	15
		% within QID97 Urbanicity	18.2%	42.9%	15.4%	18.2%	19.0%
	4.00 Moderately important	Count	1	2	14	9	26
		% within QID97 Urbanicity	9.1%	28.6%	35.9%	40.9%	32.9%
	5.00 Very important	Count	5	1	18	7	31
		% within QID97 Urbanicity	45.5%	14.3%	46.2%	31.8%	39.2%
Total		Count	11	7	39	22	79
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	13.039[a]	9	0.161
Likelihood Ratio	12.727	9	0.175
Linear-by-Linear Association	1.227	1	0.268
N of Valid Cases	79		

a. 11 cells (68.8%) have expected count less than 5. The minimum expected count is .62.

COMMUNITY CLASSIFICATION (URBANICITY)

ECONOMIC CONSIDERATIONS

Q7.3_1 Importance of indirect economic effects-Generation of local construction jobs * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q7.3_1 Importance of indirect economic effects-Generation of local construction jobs	2.00 Not at all important	Count	2	4	7	5	18
		% within QID97 Urbanicity	18.2%	57.1%	18.4%	20.8%	22.5%
	3.00 Slightly important	Count	3	3	9	10	25
		% within QID97 Urbanicity	27.3%	42.9%	23.7%	41.7%	31.3%
	4.00 Moderately important	Count	3	0	12	6	21
		% within QID97 Urbanicity	27.3%	0.0%	31.6%	25.0%	26.3%
	5.00 Very important	Count	3	0	10	3	16
		% within QID97 Urbanicity	27.3%	0.0%	26.3%	12.5%	20.0%
Total		Count	11	7	38	24	80
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	11.413[a]	9	0.248
Likelihood Ratio	13.485	9	0.142
Linear-by-Linear Association	0.008	1	0.929
N of Valid Cases	80		

a. 9 cells (56.3%) have expected count less than 5. The minimum expected count is 1.40.

COMMUNITY CLASSIFICATION (URBANICITY)

ECONOMIC CONSIDERATIONS

Q7.3_2 Importance of indirect economic effects-Increased revenue and demand for local businesses and services during construction and decommissioning * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q7.3_2 Importance of indirect economic effects-Increased revenue and demand for local businesses and services during construction and decommissioning	2.00 Not at all important	Count	4	4	4	6	18
		% within QID97 Urbanicity	36.4%	57.1%	10.8%	26.1%	23.1%
	3.00 Slightly important	Count	1	3	10	10	24
		% within QID97 Urbanicity	9.1%	42.9%	27.0%	43.5%	30.8%
	4.00 Moderately important	Count	3	0	15	6	24
		% within QID97 Urbanicity	27.3%	0.0%	40.5%	26.1%	30.8%
	5.00 Very important	Count	3	0	8	1	12
		% within QID97 Urbanicity	27.3%	0.0%	21.6%	4.3%	15.4%
Total		Count	11	7	37	23	78
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	18.606[a]	9	0.029
Likelihood Ratio	22.089	9	0.009
Linear-by-Linear Association	0.038	1	0.845
N of Valid Cases	78		

a. 9 cells (56.3%) have expected count less than 5. The minimum expected count is 1.08.

COMMUNITY CLASSIFICATION (URBANICITY)

ECONOMIC CONSIDERATIONS

Q7.3_3 Importance of indirect economic effects-Increased revenue and demand for local businesses and services * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q7.3_3 Importance of indirect economic effects-Increased revenue and demand for local businesses and services	2.00 Not at all important	Count	3	1	8	4	16
		% within QID97 Urbanicity	27.3%	14.3%	21.6%	19.0%	21.1%
	3.00 Slightly important	Count	2	4	9	10	25
		% within QID97 Urbanicity	18.2%	57.1%	24.3%	47.6%	32.9%
	4.00 Moderately important	Count	3	2	9	5	19
		% within QID97 Urbanicity	27.3%	28.6%	24.3%	23.8%	25.0%
	5.00 Very important	Count	3	0	11	2	16
		% within QID97 Urbanicity	27.3%	0.0%	29.7%	9.5%	21.1%
Total		Count	11	7	37	21	76
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.988[a]	9	0.438
Likelihood Ratio	10.463	9	0.314
Linear-by-Linear Association	0.237	1	0.626
N of Valid Cases	76		

a. 10 cells (62.5%) have expected count less than 5. The minimum expected count is 1.47.

COMMUNITY CLASSIFICATION (URBANICITY)

ECONOMIC CONSIDERATIONS

Q7.3_4 Importance of indirect economic effects-Financial benefits to the property owner leasing their land to the solar developer * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q7.3_4 Importance of indirect economic effects-Financial benefits to the property owner leasing their land to the solar developer	2.00 Not at all important	Count	5	2	13	6	26
		% within QID97 Urbanicity	50.0%	33.3%	36.1%	26.1%	34.7%
	3.00 Slightly important	Count	1	2	15	11	29
		% within QID97 Urbanicity	10.0%	33.3%	41.7%	47.8%	38.7%
	4.00 Moderately important	Count	1	1	5	3	10
		% within QID97 Urbanicity	10.0%	16.7%	13.9%	13.0%	13.3%
	5.00 Very important	Count	3	1	3	3	10
		% within QID97 Urbanicity	30.0%	16.7%	8.3%	13.0%	13.3%
Total		Count	10	6	36	23	75
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	6.896[a]	9	0.648
Likelihood Ratio	7.282	9	0.608
Linear-by-Linear Association	0.048	1	0.827
N of Valid Cases	75		

a. 12 cells (75.0%) have expected count less than 5. The minimum expected count is .80.

Q7.4_1 Familiarity with changes to (M&T) tax exemption for solar projects /Familiarity with tax model options * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q7.4_1 Familiarity with changes to (M&T) tax exemption for solar projects /Familiarity with tax model options	1.00 Not at all	Count	10	6	17	8	41
		% within QID97 Urbanicity	58.8%	54.5%	36.2%	27.6%	39.4%
	2.00 Slightly familiar	Count	3	5	13	8	29
		% within QID97 Urbanicity	17.6%	45.5%	27.7%	27.6%	27.9%
	3.00 Moderately familiar	Count	4	0	10	7	21
		% within QID97 Urbanicity	23.5%	0.0%	21.3%	24.1%	20.2%
	4.00 Very familiar	Count	0	0	7	6	13
		% within QID97 Urbanicity	0.0%	0.0%	14.9%	20.7%	12.5%
Total		Count	17	11	47	29	104
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	13.114[a]	9	0.158
Likelihood Ratio	18.286	9	0.032
Linear-by-Linear Association	7.689	1	0.006
N of Valid Cases	104		

a. 8 cells (50.0%) have expected count less than 5. The minimum expected count is 1.38.

COMMUNITY CLASSIFICATION (URBANICITY)

ECONOMIC CONSIDERATIONS

Q7.5 Evaluated the potential economic impacts of adopting a revenue share assessment ordinance * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q7.5 Evaluated the potential economic impacts of adopting a revenue share assessment ordinance	1 Yes	Count	0	0	17	12	29
		% within QID97 Urbanicity	0.0%	0.0%	34.7%	40.0%	26.6%
	2 No	Count	15	9	17	12	53
		% within QID97 Urbanicity	78.9%	81.8%	34.7%	40.0%	48.6%
	3 Not sure	Count	4	2	15	6	27
		% within QID97 Urbanicity	21.1%	18.2%	30.6%	20.0%	24.8%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	20.959[a]	6	0.002
Likelihood Ratio	27.803	6	0.000
Linear-by-Linear Association	4.537	1	0.033
N of Valid Cases	109		

a. 3 cells (25.0%) have expected count less than 5. The minimum expected count is 2.72.

COMMUNITY CLASSIFICATION (URBANICITY)

ECONOMIC CONSIDERATIONS

Q7.6 Used SolTax * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q7.6 Used SolTax	1 Yes	Count	0	0	9	6	15
		% within QID97 Urbanicity	0.0%	0.0%	18.4%	20.0%	13.8%
	2 No	Count	12	10	23	18	63
		% within QID97 Urbanicity	63.2%	90.9%	46.9%	60.0%	57.8%
	5 Not sure	Count	7	1	17	6	31
		% within QID97 Urbanicity	36.8%	9.1%	34.7%	20.0%	28.4%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	12.283[a]	6	0.056
Likelihood Ratio	16.517	6	0.011
Linear-by-Linear Association	1.502	1	0.220
N of Valid Cases	109		

COMMUNITY CLASSIFICATION (URBANICITY)

ECONOMIC CONSIDERATIONS

Q7.7 Adopted a revenue share ordinance * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q7.7 Adopted a revenue share ordinance	1 Yes, adopted	Count	0	0	6	1	7
		% within QID97 Urbanicity	0.0%	0.0%	12.2%	3.3%	6.4%
	2 Yes, in the process of adopting	Count	0	0	6	3	9
		% within QID97 Urbanicity	0.0%	0.0%	12.2%	10.0%	8.3%
	3 No	Count	14	9	23	19	65
		% within QID97 Urbanicity	73.7%	81.8%	46.9%	63.3%	59.6%
	4 Not sure	Count	5	2	14	7	28
		% within QID97 Urbanicity	26.3%	18.2%	28.6%	23.3%	25.7%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	11.888[a]	9	0.220
Likelihood Ratio	15.697	9	0.073
Linear-by-Linear Association	1.222	1	0.269
N of Valid Cases	109		

a. 10 cells (62.5%) have expected count less than 5. The minimum expected count is .71.

COMMUNITY CLASSIFICATION (URBANICITY)

ECONOMIC CONSIDERATIONS

Q7.8 Extent considering establishing a green bank * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q7.8 Extent considering establishing a green bank	1 Not at all: we did not know about the authorizing legislation and/or are unfamiliar with what a green bank is.	Count	5	4	18	11	38
		% within QID97 Urbanicity	26.3%	36.4%	36.7%	36.7%	34.9%
	2 Not actively: we are aware of green banks and the authorizing legislation, but we are not actively pursuing establishing one.	Count	5	2	6	9	22
		% within QID97 Urbanicity	26.3%	18.2%	12.2%	30.0%	20.2%
	3 Actively: we have had/are having discussions about potentially establishing a green bank.	Count	1	0	0	1	2
		% within QID97 Urbanicity	5.3%	0.0%	0.0%	3.3%	1.8%
	4 Not sure if this is being considered at this time.	Count	8	5	25	9	47
		% within QID97 Urbanicity	42.1%	45.5%	51.0%	30.0%	43.1%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.431[a]	9	0.491
Likelihood Ratio	9.222	9	0.417
Linear-by-Linear Association	0.681	1	0.409
N of Valid Cases	109		

a. 8 cells (50.0%) have expected count less than 5. The minimum expected count is .20.

COMMUNITY CLASSIFICATION (URBANICITY)

ENERGY STORAGE

Q8.1 Have policies or codes that address large energy storage * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q8.1 Have policies or codes that address large energy storage	1 Yes	Count	3	1	7	9	20
		% within QID97 Urbanicity	15.8%	9.1%	14.3%	30.0%	18.3%
	2 No	Count	12	8	32	16	68
		% within QID97 Urbanicity	63.2%	72.7%	65.3%	53.3%	62.4%
	3 Not sure	Count	4	2	10	5	21
		% within QID97 Urbanicity	21.1%	18.2%	20.4%	16.7%	19.3%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.070[a]	6	0.667
Likelihood Ratio	3.881	6	0.693
Linear-by-Linear Association	1.080	1	0.299
N of Valid Cases	109		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is 2.02.

COMMUNITY CLASSIFICATION (URBANICITY)

ENERGY STORAGE

Q8.2 Require emergency preparedness plans for utility scale battery storage projects * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q8.2 Require emergency preparedness plans for utility scale battery storage projects	1 Yes	Count	0	0	5	5	10
		% within QID97 Urbanicity	0.0%	0.0%	71.4%	55.6%	50.0%
	2 No	Count	3	1	2	4	10
		% within QID97 Urbanicity	100.0%	100.0%	28.6%	44.4%	50.0%
Total		Count	3	1	7	9	20
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.397[a]	3	0.145
Likelihood Ratio	6.985	3	0.072
Linear-by-Linear Association	2.789	1	0.095
N of Valid Cases	20		

a. 8 cells (100.0%) have expected count less than 5. The minimum expected count is .50.

COMMUNITY CLASSIFICATION (URBANICITY)

ENERGY STORAGE

Q8.3 Have any actively permitted large or utility scale energy storage projects * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q8.3 Have any actively permitted large or utility scale energy storage projects	1 Yes	Count	1	1	3	2	7
		% within QID97 Urbanicity	5.3%	9.1%	6.1%	6.7%	6.4%
	2 No	Count	17	10	42	26	95
		% within QID97 Urbanicity	89.5%	90.9%	85.7%	86.7%	87.2%
	3 Not sure	Count	1	0	4	2	7
		% within QID97 Urbanicity	5.3%	0.0%	8.2%	6.7%	6.4%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	1.194[a]	6	0.977
Likelihood Ratio	1.873	6	0.931
Linear-by-Linear Association	0.068	1	0.794
N of Valid Cases	109		

a. 8 cells (66.7%) have expected count less than 5. The minimum expected count is .71.

COMMUNITY CLASSIFICATION (URBANICITY)

ENERGY STORAGE

Q8.4_4, 8.4_8, 8.4_9*$active*QID97 Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
$active Active large scale energy storage projects.[a]	Q8.4_4 Active Large scale energy project type- Lithium Ion Batteries	Count	1	1	2	1	5
		% within QID97	100.0%	100.0%	66.7%	50.0%	
	Q8.4_9 ActiveLarge scale energy project type- Not sure	Count	0	0	1	1	2
		% within QID97	0.0%	0.0%	33.3%	50.0%	
	Q8.4_8 Active Large scale energy project type- Other	Count	1	0	0	0	1
		% within QID97	100.0%	0.0%	0.0%	0.0%	
Total		Count	1	1	3	2	7

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

COMMUNITY CLASSIFICATION (URBANICITY)

ENERGY STORAGE

Q8.5 Large or utility scale energy storage projects proposed or planned * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q8.5 Large or utility scale energy storage projects proposed or planned	1 Yes	Count	2	1	15	10	28
		% within QID97 Urbanicity	10.5%	9.1%	30.6%	33.3%	25.7%
	2 No	Count	15	9	24	16	64
		% within QID97 Urbanicity	78.9%	81.8%	49.0%	53.3%	58.7%
	3 Not sure	Count	2	1	10	4	17
		% within QID97 Urbanicity	10.5%	9.1%	20.4%	13.3%	15.6%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.726[a]	6	0.190
Likelihood Ratio	9.373	6	0.154
Linear-by-Linear Association	1.357	1	0.244
N of Valid Cases	109		

a. 5 cells (41.7%) have expected count less than 5. The minimum expected count is 1.72.

COMMUNITY CLASSIFICATION (URBANICITY)

ENERGY STORAGE

Q8.6 Are the proposed project(s) standalone energy storage or tied in with a solar project * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q8.6 Are the proposed project(s) standalone energy storage or tied in with a solar project	1 Standalone energy storage	Count	2	1	7	4	14
		% within QID97 Urbanicity	100.0%	100.0%	46.7%	40.0%	50.0%
	2 Solar + storage	Count	0	0	5	2	7
		% within QID97 Urbanicity	0.0%	0.0%	33.3%	20.0%	25.0%
	3 Not Sure	Count	0	0	2	2	4
		% within QID97 Urbanicity	0.0%	0.0%	13.3%	20.0%	14.3%
	4 Other (Please describe)	Count	0	0	1	2	3
		% within QID97 Urbanicity	0.0%	0.0%	6.7%	20.0%	10.7%
Total		Count	2	1	15	10	28
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.022[a]	9	0.832
Likelihood Ratio	6.010	9	0.739
Linear-by-Linear Association	3.015	1	0.082
N of Valid Cases	28		

a. 14 cells (87.5%) have expected count less than 5. The minimum expected count is .11.

COMMUNITY CLASSIFICATION (URBANICITY)

ENERGY STORAGE

Q8.7_4, 8.7_8, 8.7_9*$planned*QID97 Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
$planned Planned large scale energy storage projects.[a]	Q8.7_4 Planned energy storage project type-Lithium Ion Batteries	Count	2	1	4	5	12
		% within QID97	100.0%	100.0%	26.7%	50.0%	
	Q8.7_9 Planned energy storage project type-Not sure	Count	0	0	11	5	16
		% within QID97	0.0%	0.0%	73.3%	50.0%	
	Q8.7_8 Planned energy storage project type-Other	Count	0	0	0	1	1
		% within QID97	0.0%	0.0%	0.0%	10.0%	
Total		Count	2	1	15	10	28

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

COMMUNITY CLASSIFICATION (URBANICITY)

ENERGY STORAGE

Q8.8 Extent your locality considered solar + storage as a resiliency tool * QID97 Urbanicity Crosstabulation

			QID97 Urbanicity				Total
			1 Urban	2 Suburban	3 Rural	4 Combination	
Q8.8 Extent your locality considered solar + storage as a resiliency tool	1 Our locality has not considered microgrids as a resiliency tool	Count	10	7	33	20	70
		% within QID97 Urbanicity	52.6%	63.6%	67.3%	66.7%	64.2%
	2 Our locality is considering policies to allow and/or promote microgrids as a resiliency	Count	3	1	4	2	10
		% within QID97 Urbanicity	15.8%	9.1%	8.2%	6.7%	9.2%
	3 Our locality has already adopted policies that allow and/or promote microgrids as a	Count	0	0	0	2	2
		% within QID97 Urbanicity	0.0%	0.0%	0.0%	6.7%	1.8%
	5 Not sure	Count	6	3	12	6	27
		% within QID97 Urbanicity	31.6%	27.3%	24.5%	20.0%	24.8%
Total		Count	19	11	49	30	109
		% within QID97 Urbanicity	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	7.594[a]	9	0.575
Likelihood Ratio	7.365	9	0.599
Linear-by-Linear Association	0.750	1	0.386
N of Valid Cases	109		

a. 10 cells (62.5%) have expected count less than 5. The minimum expected count is .20.

POPULATION SIZE

CROSS TABULAR ANALYSIS

Virginia Solar Survey

APRIL 2022

POPULATION SIZE

SOLAR READINESS

Q1.1 Updating solar policies * popsize Locality Population Size Crosstabulation

			popsize Locality Population Size					Total
			1.00 Very Large (>100,000)	2.00 Large (50,000-100,000)	3.00 Medium (25,000-50,000)	4.00 Small (15,000-25,000)	5.00 Very Small (<15,000)	
Q1.1 Updating solar policies	1 Yes, update is in progress	Count	7	7	9	9	8	40
		% within popsize Locality Population Size	50.0%	43.8%	34.6%	37.5%	27.6%	36.7%
	2 No, not at this time	Count	2	1	3	4	8	18
		% within popsize Locality Population Size	14.3%	6.3%	11.5%	16.7%	27.6%	16.5%
	3 No, but it is on our radar to do so	Count	2	4	7	4	8	25
		% within popsize Locality Population Size	14.3%	25.0%	26.9%	16.7%	27.6%	22.9%
	4 No, we have already updated our solar policies, regulations, and/or application and permitting processes	Count	3	4	7	7	5	26
		% within popsize Locality Population Size	21.4%	25.0%	26.9%	29.2%	17.2%	23.9%
Total		Count	14	16	26	24	29	109
		% within popsize Locality Population Size	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

POPULATION SIZE

RENEWABLE ENERGY PROCUREMENT

Q2.1 Formalized process for electricity procurement * popsize Locality Population Size Crosstabulation

			popsize Locality Population Size					Total
			1.00 Very Large (>100,000)	2.00 Large (50,000-100,000)	3.00 Medium (25,000-50,000)	4.00 Small (15,000-25,000)	5.00 Very Small (<15,000)	
Q2.1 Formalized process for electricity procurement	1 Yes	Count	6	0	4	1	4	15
		% within popsize Locality Population Size	42.9%	0.0%	15.4%	4.2%	13.8%	13.8%
	2 No	Count	0	8	14	16	14	52
		% within popsize Locality Population Size	0.0%	50.0%	53.8%	66.7%	48.3%	47.7%
	3 Not sure	Count	8	8	8	7	11	42
		% within popsize Locality Population Size	57.1%	50.0%	30.8%	29.2%	37.9%	38.5%
Total		Count	14	16	26	24	29	109
		% within popsize Locality Population Size	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	23.942[a]	8	0.002
Likelihood Ratio	29.964	8	0.000
Linear-by-Linear Association	0.022	1	0.883
N of Valid Cases	109		

a. 5 cells (33.3%) have expected count less than 5. The minimum expected count is 1.93.

POPULATION SIZE

RENEWABLE ENERGY PROCUREMENT

Q2.5 Does your locality procure any of its own energy load from solar? * popsize Locality Population Size Crosstabulation

			popsize Locality Population Size					Total
			1.00 Very Large (>100,000)	2.00 Large (50,000-100,000)	3.00 Medium (25,000-50,000)	4.00 Small (15,000-25,000)	5.00 Very Small (<15,000)	
Q2.5 Does your locality procure any of its own energy load from solar?	1 Yes	Count	3	2	6	3	3	17
		% within popsize Locality Population Size	21.4%	12.5%	23.1%	12.5%	10.3%	15.6%
	2 No, we have no plans to procure any of our own energy load from solar	Count	1	7	11	11	14	44
		% within popsize Locality Population Size	7.1%	43.8%	42.3%	45.8%	48.3%	40.4%
	6 Not sure	Count	8	6	7	4	8	33
		% within popsize Locality Population Size	57.1%	37.5%	26.9%	16.7%	27.6%	30.3%
	7 No, not at this time but we are working towards it within the next 2 years	Count	2	1	2	6	4	15
		% within popsize Locality Population Size	14.3%	6.3%	7.7%	25.0%	13.8%	13.8%
Total		Count	14	16	26	24	29	109
		% within popsize Locality Population Size	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	15.327[a]	12	0.224
Likelihood Ratio	16.683	12	0.162
Linear-by-Linear Association	0.844	1	0.358
N of Valid Cases	109		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is 1.93.

Q3.2_1 Able to do online - Apply for a building permit * popsize Locality Population Size Crosstabulation

			popsize Locality Population Size					Total
			1.00 Very Large (>100,000)	2.00 Large (50,000-100,000)	3.00 Medium (25,000-50,000)	4.00 Small (15,000-25,000)	5.00 Very Small (<15,000)	
Q3.2_1 Able to do online - Apply for a building permit	1 Yes	Count	13	12	16	12	15	68
		% within popsize Locality Population Size	92.9%	75.0%	61.5%	50.0%	51.7%	62.4%
	2 No	Count	0	4	8	12	13	37
		% within popsize Locality Population Size	0.0%	25.0%	30.8%	50.0%	44.8%	33.9%
	3 Not sure	Count	1	0	2	0	1	4
		% within popsize Locality Population Size	7.1%	0.0%	7.7%	0.0%	3.4%	3.7%
Total		Count	14	16	26	24	29	109
		% within popsize Locality Population Size	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.733[a]	8	0.065
Likelihood Ratio	20.064	8	0.010
Linear-by-Linear Association	5.294	1	0.021
N of Valid Cases	109		

a. 6 cells (40.0%) have expected count less than 5. The minimum expected count is .51.

Q3.2_2 Able to do online - Submit construction plans/ drawings * popsize Locality Population Size Crosstabulation

			popsize Locality Population Size					Total
			1.00 Very Large (>100,000)	2.00 Large (50,000-100,000)	3.00 Medium (25,000-50,000)	4.00 Small (15,000-25,000)	5.00 Very Small (<15,000)	
Q3.2_2 Able to do online - Submit construction plans/ drawings	1 Yes	Count	12	11	13	13	15	64
		% within popsize Locality Population Size	85.7%	68.8%	50.0%	54.2%	51.7%	58.7%
	2 No	Count	0	5	11	11	13	40
		% within popsize Locality Population Size	0.0%	31.3%	42.3%	45.8%	44.8%	36.7%
	3 Not sure	Count	2	0	2	0	1	5
		% within popsize Locality Population Size	14.3%	0.0%	7.7%	0.0%	3.4%	4.6%
Total		Count	14	16	26	24	29	109
		% within popsize Locality Population Size	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.567[a]	8	0.068
Likelihood Ratio	20.131	8	0.010
Linear-by-Linear Association	1.638	1	0.201
N of Valid Cases	109		

a. 5 cells (33.3%) have expected count less than 5. The minimum expected count is .64.

POPULATION SIZE

DISTRIBUTED GENERATION

Q3.2_3 Able to do online - Schedule an inspection * popsize Locality Population Size Crosstabulation

			popsize Locality Population Size					Total
			1.00 Very Large (>100,000)	2.00 Large (50,000-100,000)	3.00 Medium (25,000-50,000)	4.00 Small (15,000-25,000)	5.00 Very Small (<15,000)	
Q3.2_3 Able to do online - Schedule an inspection	1 Yes	Count	12	10	12	5	12	51
		% within popsize Locality Population Size	85.7%	62.5%	46.2%	20.8%	41.4%	46.8%
	2 No	Count	0	6	11	18	16	51
		% within popsize Locality Population Size	0.0%	37.5%	42.3%	75.0%	55.2%	46.8%
	3 Not sure	Count	2	0	3	1	1	7
		% within popsize Locality Population Size	14.3%	0.0%	11.5%	4.2%	3.4%	6.4%
Total		Count	14	16	26	24	29	109
		% within popsize Locality Population Size	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	24.517[a]	8	0.002
Likelihood Ratio	30.946	8	0.000
Linear-by-Linear Association	5.051	1	0.025
N of Valid Cases	109		

a. 5 cells (33.3%) have expected count less than 5. The minimum expected count is .90.

POPULATION SIZE

UTILITY SCALE SOLAR

Q4.2 Reviewed an application For a large or utility scale solar facility * popsize Locality Population Size Crosstabulation

			popsize Locality Population Size					Total
			1.00 Very Large (>100,000)	2.00 Large (50,000-100,000)	3.00 Medium (25,000-50,000)	4.00 Small (15,000-25,000)	5.00 Very Small (<15,000)	
Q4.2 Reviewed an application For a large or utility scale solar facility	1 Yes	Count	6	9	15	9	12	51
		% within popsize Locality Population Size	66.7%	60.0%	68.2%	56.3%	63.2%	63.0%
	2 No	Count	3	6	6	6	7	28
		% within popsize Locality Population Size	33.3%	40.0%	27.3%	37.5%	36.8%	34.6%
	3 Not sure	Count	0	0	1	1	0	2
		% within popsize Locality Population Size	0.0%	0.0%	4.5%	6.3%	0.0%	2.5%
Total		Count	9	15	22	16	19	81
		% within popsize Locality Population Size	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	3.161[a]	8	0.924
Likelihood Ratio	3.888	8	0.867
Linear-by-Linear Association	0.072	1	0.788
N of Valid Cases	81		

a. 6 cells (40.0%) have expected count less than 5. The minimum expected count is .22.

POPULATION SIZE

ZONING

Q6.2 Provides clear regulatory pathway for approval of distributed generation solar projects * popsize Locality Population Size Crosstabulation

			popsize Locality Population Size					Total
			1.00 Very Large (>100,000)	2.00 Large (50,000-100,000)	3.00 Medium (25,000-50,000)	4.00 Small (15,000-25,000)	5.00 Very Small (<15,000)	
Q6.2 Provides clear regulatory pathway for approval of distributed generation solar projects	1 Yes	Count	7	8	13	7	13	48
		% within popsize Locality Population Size	50.0%	50.0%	54.2%	33.3%	52.0%	48.0%
	2 No	Count	5	5	9	11	8	38
		% within popsize Locality Population Size	35.7%	31.3%	37.5%	52.4%	32.0%	38.0%
	3 Not Sure	Count	2	3	2	3	4	14
		% within popsize Locality Population Size	14.3%	18.8%	8.3%	14.3%	16.0%	14.0%
Total		Count	14	16	24	21	25	100
		% within popsize Locality Population Size	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	3.714[a]	8	0.882
Likelihood Ratio	3.788	8	0.876
Linear-by-Linear Association	0.050	1	0.823
N of Valid Cases	100		

a. 5 cells (33.3%) have expected count less than 5. The minimum expected count is 1.96.

POPULATION SIZE

ZONING

Q6.4 Provides clear regulatory pathway for approval of utility scale solar projects * popsize Locality Population Size Crosstabulation

			popsize Locality Population Size					Total
			1.00 Very Large (>100,000)	2.00 Large (50,000-100,000)	3.00 Medium (25,000-50,000)	4.00 Small (15,000-25,000)	5.00 Very Small (<15,000)	
Q6.4 Provides clear regulatory pathway for approval of utility scale solar projects	1 Yes	Count	7	11	14	10	14	56
		% within popsize Locality Population Size	50.0%	68.8%	58.3%	47.6%	56.0%	56.0%
	2 No	Count	2	3	7	7	4	23
		% within popsize Locality Population Size	14.3%	18.8%	29.2%	33.3%	16.0%	23.0%
	3 Not sure	Count	1	1	2	1	2	7
		% within popsize Locality Population Size	7.1%	6.3%	8.3%	4.8%	8.0%	7.0%
	5 Not applicable because our locality is too small or developed to accomodate any utility scale solar projects	Count	4	1	1	3	5	14
		% within popsize Locality Population Size	28.6%	6.3%	4.2%	14.3%	20.0%	14.0%
Total		Count	14	16	24	21	25	100
		% within popsize Locality Population Size	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.705[a]	12	0.728
Likelihood Ratio	8.946	12	0.708
Linear-by-Linear Association	0.024	1	0.878
N of Valid Cases	100		

a. 13 cells (65.0%) have expected count less than 5. The minimum expected count is .98.

ELECTRIC SERVICE PROVIDER

CROSS TABULAR ANALYSIS

Virginia Solar Survey

APRIL 2022

ELECTRIC SERVICE PROVIDER

SOLAR READINESS

Q1.1*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q1.1 Updating solar policies	1 Yes, update is in progress	Count	28	7	6	40
		% within $provider	39.4%	26.9%	37.5%	
	2 No, not at this time	Count	9	6	3	18
		% within $provider	12.7%	23.1%	18.8%	
	3 No, but it is on our radar to do so	Count	13	7	6	25
		% within $provider	18.3%	26.9%	37.5%	
	4 No, we have already updated our solar policies, regulations, and/or application and permitting processes	Count	21	6	1	26
		% within $provider	29.6%	23.1%	6.3%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

SOLAR READINESS

Q1.2_1-1.2_13*$resources*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
$resources Resources to develop policy.[a]	Q1.2_1 Resources to develop policy - Other Virginia localities	Count	49	14	10	70
		% within $provider	79.0%	70.0%	76.9%	
	Q1.2_2 Resources to develop policy - Planning District Commission	Count	16	5	3	24
		% within $provider	25.8%	25.0%	23.1%	
	Q1.2_3 Resources to develop policy - Membership Associations	Count	32	4	4	39
		% within $provider	51.6%	20.0%	30.8%	
	Q1.2_4 Resources to develop policy-Local Extension Office and/or Soil & Water Conservation District	Count	5	0	0	5
		% within $provider	8.1%	0.0%	0.0%	
	Q1.2_5 Resources to develop policy-State agencies	Count	22	2	2	26
		% within $provider	35.5%	10.0%	15.4%	
	Q1.2_6 Resources to develop policy-Institutions of higher education	Count	14	2	2	18
		% within $provider	22.6%	10.0%	15.4%	
	Q1.2_7 Resources to develop policy-Private consultants	Count	21	1	6	28
		% within $provider	33.9%	5.0%	46.2%	
	Q1.2_8 Resources to develop policy-Solar industry professionals	Count	27	7	6	39
		% within $provider	43.5%	35.0%	46.2%	
	Q1.2_9 Resources to develop policy-Nonprofits and advocacy groups	Count	8	2	3	12
		% within $provider	12.9%	10.0%	23.1%	
	Q1.2_10 Resources to develop policy-National research entities and agencies	Count	12	2	1	14
		% within $provider	19.4%	10.0%	7.7%	
	Q1.2_11 Resources to develop policy-Utilities	Count	15	2	2	18
		% within $provider	24.2%	10.0%	15.4%	
	Q1.2_13 Resources to develop policy-None	Count	2	2	1	5
		% within $provider	3.2%	10.0%	7.7%	
	Q1.2_12 Resources to develop policy-Other	Count	12	1	1	14
		% within $provider	19.4%	5.0%	7.7%	
Total		Count	62	20	13	91

Percentages and totals are based on respondents.
a. Dichotomy group tabulated at value 1.

Q1.2_1-1.2_13*$resources*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
$resources Resources to develop policy.[a]	Q1.2_1 Resources to develop policy - Other Virginia localities	Count	49	14	10	70
		% within $provider	79.0%	70.0%	76.9%	
	Q1.2_2 Resources to develop policy - Planning District Commission	Count	16	5	3	24
		% within $provider	25.8%	25.0%	23.1%	
	Q1.2_3 Resources to develop policy - Membership Associations	Count	32	4	4	39
		% within $provider	51.6%	20.0%	30.8%	
	Q1.2_4 Resources to develop policy-Local Extension Office and/or Soil & Water Conservation District	Count	5	0	0	5
		% within $provider	8.1%	0.0%	0.0%	
	Q1.2_5 Resources to develop policy-State agencies	Count	22	2	2	26
		% within $provider	35.5%	10.0%	15.4%	
	Q1.2_6 Resources to develop policy-Institutions of higher education	Count	14	2	2	18
		% within $provider	22.6%	10.0%	15.4%	
	Q1.2_7 Resources to develop policy-Private consultants	Count	21	1	6	28
		% within $provider	33.9%	5.0%	46.2%	
	Q1.2_8 Resources to develop policy-Solar industry professionals	Count	27	7	6	39
		% within $provider	43.5%	35.0%	46.2%	
	Q1.2_9 Resources to develop policy-Nonprofits and advocacy groups	Count	8	2	3	12
		% within $provider	12.9%	10.0%	23.1%	
	Q1.2_10 Resources to develop policy-National research entities and agencies	Count	12	2	1	14
		% within $provider	19.4%	10.0%	7.7%	
	Q1.2_11 Resources to develop policy-Utilities	Count	15	2	2	18
		% within $provider	24.2%	10.0%	15.4%	
	Q1.2_13 Resources to develop policy-None	Count	2	2	1	5
		% within $provider	3.2%	10.0%	7.7%	
	Q1.2_12 Resources to develop policy-Other	Count	12	1	1	14
		% within $provider	19.4%	5.0%	7.7%	
Total		Count	62	20	13	91

Percentages and totals are based on respondents.
a. Dichotomy group tabulated at value 1.

Q1.4_1*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q1.4_1 Interest in--Agricultural, farmland impacts	1 No interest	Count	11	2	6	19
		% within $provider	15.5%	7.7%	37.5%	
	2 Minimal Interest	Count	3	1	2	6
		% within $provider	4.2%	3.8%	12.5%	
	3 Some Interest	Count	17	7	2	26
		% within $provider	23.9%	26.9%	12.5%	
	4 A lot of Interest	Count	23	11	5	36
		% within $provider	32.4%	42.3%	31.3%	
	5 The Most Interest	Count	17	5	1	22
		% within $provider	23.9%	19.2%	6.3%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q1.4_2*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q1.4_2 Interest in--Decommissioning	1 No interest	Count	9	2	4	15
		% within $provider	12.7%	7.7%	25.0%	
	2 Minimal Interest	Count	7	3	3	13
		% within $provider	9.9%	11.5%	18.8%	
	3 Some Interest	Count	14	9	4	27
		% within $provider	19.7%	34.6%	25.0%	
	4 A lot of Interest	Count	29	7	3	36
		% within $provider	40.8%	26.9%	18.8%	
	5 The Most Interest	Count	12	5	2	18
		% within $provider	16.9%	19.2%	12.5%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q1.4_3*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q1.4_3 Interest in--Emergency response	1 No interest	Count	6	1	1	8
		% within $provider	8.5%	3.8%	6.3%	
	2 Minimal Interest	Count	15	8	5	27
		% within $provider	21.1%	30.8%	31.3%	
	3 Some Interest	Count	24	7	6	37
		% within $provider	33.8%	26.9%	37.5%	
	4 A lot of Interest	Count	22	8	2	29
		% within $provider	31.0%	30.8%	12.5%	
	5 The Most Interest	Count	4	2	2	8
		% within $provider	5.6%	7.7%	12.5%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q1.4_4*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q1.4_4 Interest in-- End users, corporate buyers, energy off-takers	1 No interest	Count	11	1	2	14
		% within $provider	15.5%	3.8%	12.5%	
	2 Minimal Interest	Count	17	9	3	27
		% within $provider	23.9%	34.6%	18.8%	
	3 Some Interest	Count	25	9	6	39
		% within $provider	35.2%	34.6%	37.5%	
	4 A lot of Interest	Count	15	6	3	23
		% within $provider	21.1%	23.1%	18.8%	
	5 The Most Interest	Count	3	1	2	6
		% within $provider	4.2%	3.8%	12.5%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q1.4_5*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q1.4_5 Interest in-- Energy equity, environmental justice	1 No interest	Count	11	2	1	14
		% within $provider	15.5%	7.7%	6.3%	
	2 Minimal Interest	Count	14	8	6	27
		% within $provider	19.7%	30.8%	37.5%	
	3 Some Interest	Count	26	11	2	38
		% within $provider	36.6%	42.3%	12.5%	
	4 A lot of Interest	Count	14	4	7	24
		% within $provider	19.7%	15.4%	43.8%	
	5 The Most Interest	Count	6	1	0	6
		% within $provider	8.5%	3.8%	0.0%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q1.4_6*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q1.4_6 Interest in-- Forests, timbering, carbon sequestration	1 No interest	Count	12	1	6	19
		% within $provider	16.9%	3.8%	37.5%	
	2 Minimal Interest	Count	12	6	2	19
		% within $provider	16.9%	23.1%	12.5%	
	3 Some Interest	Count	22	12	4	37
		% within $provider	31.0%	46.2%	25.0%	
	4 A lot of Interest	Count	20	6	4	28
		% within $provider	28.2%	23.1%	25.0%	
	5 The Most Interest	Count	5	1	0	6
		% within $provider	7.0%	3.8%	0.0%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q1.4_7*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q1.4_7 Interest in-- Low impact development, agrivoltaics	1 No interest	Count	10	1	1	12
		% within $provider	14.1%	3.8%	6.3%	
	2 Minimal Interest	Count	6	5	3	13
		% within $provider	8.5%	19.2%	18.8%	
	3 Some Interest	Count	27	12	4	42
		% within $provider	38.0%	46.2%	25.0%	
	4 A lot of Interest	Count	25	6	6	35
		% within $provider	35.2%	23.1%	37.5%	
	5 The Most Interest	Count	3	2	2	7
		% within $provider	4.2%	7.7%	12.5%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q1.4_8*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q1.4_8 Interest in-- Property values, economic benefits, taxation	1 No interest	Count	6	1	1	8
		% within $provider	8.5%	3.8%	6.3%	
	2 Minimal Interest	Count	6	2	0	8
		% within $provider	8.5%	7.7%	0.0%	
	3 Some Interest	Count	14	9	5	27
		% within $provider	19.7%	34.6%	31.3%	
	4 A lot of Interest	Count	30	11	7	46
		% within $provider	42.3%	42.3%	43.8%	
	5 The Most Interest	Count	15	3	3	20
		% within $provider	21.1%	11.5%	18.8%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

SOLAR READINESS

Q1.4_9*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q1.4_9 Interest in-- Soil and water conservation and protection	1 No interest	Count	6	1	1	8
		% within $provider	8.5%	3.8%	6.3%	
	2 Minimal Interest	Count	8	2	4	14
		% within $provider	11.3%	7.7%	25.0%	
	3 Some Interest	Count	23	10	3	35
		% within $provider	32.4%	38.5%	18.8%	
	4 A lot of Interest	Count	21	9	7	35
		% within $provider	29.6%	34.6%	43.8%	
	5 The Most Interest	Count	13	4	1	17
		% within $provider	18.3%	15.4%	6.3%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q1.4_10*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q1.4_10 Interest in--Transmission, grid, energy storage, resiliency	1 No interest	Count	8	1	3	12
		% within $provider	11.3%	3.8%	18.8%	
	2 Minimal Interest	Count	16	6	1	21
		% within $provider	22.5%	23.1%	6.3%	
	3 Some Interest	Count	26	14	3	41
		% within $provider	36.6%	53.8%	18.8%	
	4 A lot of Interest	Count	15	4	7	26
		% within $provider	21.1%	15.4%	43.8%	
	5 The Most Interest	Count	6	1	2	9
		% within $provider	8.5%	3.8%	12.5%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q1.4_11*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q1.4_11 Interest in--Viewsheds, cultural, historic resources	1 No interest	Count	4	1	1	6
		% within $provider	5.6%	3.8%	6.3%	
	2 Minimal Interest	Count	9	2	5	16
		% within $provider	12.7%	7.7%	31.3%	
	3 Some Interest	Count	21	8	2	30
		% within $provider	29.6%	30.8%	12.5%	
	4 A lot of Interest	Count	27	14	5	43
		% within $provider	38.0%	53.8%	31.3%	
	5 The Most Interest	Count	10	1	3	14
		% within $provider	14.1%	3.8%	18.8%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q1.4_12*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q1.4_12 Interest in-- Wildlife, habitat fragmentation and conservation	1 No interest	Count	11	1	3	15
		% within $provider	15.5%	3.8%	18.8%	
	2 Minimal Interest	Count	6	2	3	11
		% within $provider	8.5%	7.7%	18.8%	
	3 Some Interest	Count	18	12	4	33
		% within $provider	25.4%	46.2%	25.0%	
	4 A lot of Interest	Count	32	9	5	43
		% within $provider	45.1%	34.6%	31.3%	
	5 The Most Interest	Count	4	2	1	7
		% within $provider	5.6%	7.7%	6.3%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

SOLAR READINESS

Q1.4_13*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q1.4_13 Interest in--Landowner leases, property rights	1 No interest	Count	6	1	2	9
		% within $provider	8.5%	3.8%	12.5%	
	2 Minimal Interest	Count	15	2	2	18
		% within $provider	21.1%	7.7%	12.5%	
	3 Some Interest	Count	22	13	7	40
		% within $provider	31.0%	50.0%	43.8%	
	4 A lot of Interest	Count	21	8	3	31
		% within $provider	29.6%	30.8%	18.8%	
	5 The Most Interest	Count	7	2	2	11
		% within $provider	9.9%	7.7%	12.5%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

RENEWABLE ENERGY PROCUREMENT

Q2.1*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q2.1 Formalized process for electricity procurement	1 Yes	Count	11	2	3	15
		% within $provider	15.5%	7.7%	18.8%	
	2 No	Count	33	14	7	52
		% within $provider	46.5%	53.8%	43.8%	
	3 Not sure	Count	27	10	6	42
		% within $provider	38.0%	38.5%	37.5%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

RENEWABLE ENERGY PROCUREMENT

Q2.2_1-2.2_9*$buildings*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
$buildings Buildings covered by locality electricity procurement.[a]	Q2.2_1 Buildings covered by locality electricity procurement-Administrative Offices	Count	29	8	7	43
		% within $provider	40.8%	30.8%	43.8%	
	Q2.2_2 Buildings covered by locality electricity procurement-Fire & Rescue	Count	25	5	7	36
		% within $provider	35.2%	19.2%	43.8%	
	Q2.2_3 Buildings covered by locality electricity procurement-Police Station	Count	28	7	7	41
		% within $provider	39.4%	26.9%	43.8%	
	Q2.2_4 Buildings covered by locality electricity procurement-Courthouse	Count	25	8	5	37
		% within $provider	35.2%	30.8%	31.3%	
	Q2.2_5 Buildings covered by locality electricity procurement-Schools	Count	31	4	7	41
		% within $provider	43.7%	15.4%	43.8%	
	Q2.2_6 Buildings covered by locality electricity procurement-Parks & Recreational Facilities	Count	26	8	7	40
		% within $provider	36.6%	30.8%	43.8%	
	Q2.2_7 Buildings covered by locality electricity procurement-Public Works/ General Services/Transportation & Fleet Services	Count	26	8	7	40
		% within $provider	36.6%	30.8%	43.8%	
	Q2.2_9 Buildings covered by locality electricity procurement-Not sure	Count	34	19	8	58
		% within $provider	47.9%	73.1%	50.0%	
	Q2.2_8 Buildings covered by locality electricity procurement-Other	Count	10	0	3	13
		% within $provider	14.1%	0.0%	18.8%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.3*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q2.3 Locality's experience with using "energy-positive building design	1 No experience	Count	33	15	7	52
		% within $provider	64.7%	93.8%	58.3%	
	2 Some Experience	Count	16	1	5	21
		% within $provider	31.4%	6.3%	41.7%	
	3 Extensive Experience	Count	2	0	0	2
		% within $provider	3.9%	0.0%	0.0%	
Total		Count	51	16	12	75

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.4*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q2.4 Policy requiring photovoltaics in public buildings	1 Yes	Count	6	1	0	6
		% within $provider	8.5%	3.8%	0.0%	
	4 No	Count	49	19	13	78
		% within $provider	69.0%	73.1%	81.3%	
	5 Not sure	Count	12	6	3	21
		% within $provider	16.9%	23.1%	18.8%	
	6 Other	Count	4	0	0	4
		% within $provider	5.6%	0.0%	0.0%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

RENEWABLE ENERGY PROCUREMENT

Q2.5*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q2.5 Does your locality procure any of its own energy load from solar?	1 Yes	Count	12	3	2	17
		% within $provider	16.9%	11.5%	12.5%	
	2 No, we have no plans to procure any of our own energy load from solar	Count	30	11	6	44
		% within $provider	42.3%	42.3%	37.5%	
	6 Not sure	Count	20	10	4	33
		% within $provider	28.2%	38.5%	25.0%	
	7 No, not at this time but we are working towards it within the next 2 years	Count	9	2	4	15
		% within $provider	12.7%	7.7%	25.0%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.6*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q2.6 Solar energy from on-site solar installations	1 Yes	Count	15	5	2	22
		% within $provider	71.4%	100.0%	33.3%	
	2 No	Count	0	0	2	2
		% within $provider	0.0%	0.0%	33.3%	
	4 Not sure	Count	6	0	2	8
		% within $provider	28.6%	0.0%	33.3%	
Total		Count	21	5	6	32

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.7*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q2.7 Solar energy from power purchase agreement	1 Owned	Count	1	1	0	2
		% within $provider	4.8%	20.0%	0.0%	
	2 PPA	Count	7	0	2	9
		% within $provider	33.3%	0.0%	33.3%	
	3 Not sure	Count	11	4	4	19
		% within $provider	52.4%	80.0%	66.7%	
	4 Both: we have project(s) that are owned and project(s) that are procured though a PPA	Count	2	0	0	2
		% within $provider	9.5%	0.0%	0.0%	
Total		Count	21	5	6	32

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

RENEWABLE ENERGY PROCUREMENT

Q2.9*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q2.9 Has your locality considered incorporating solar in its generation mix?	1 Yes	Count	4	0	1	5
		% within $provider	13.3%	0.0%	16.7%	
	2 No	Count	17	9	1	25
		% within $provider	56.7%	81.8%	16.7%	
	3 Not sure	Count	9	2	4	14
		% within $provider	30.0%	18.2%	66.7%	
Total		Count	30	11	6	44

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

RENEWABLE ENERGY PROCUREMENT

Q2.10*$provider Crosstabulation

			$provider Provider in Locality.[a]		Total
			Locality has Dominion	Locality has neither Apco nor Dominion	
Q2.10 Is your locality actively pursuing the installation of solar systems on public buildings or public land?	2 No	Count	4	1	5
		% within $provider	100.0%	100.0%	
Total		Count	4	1	5

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.11*$provider Crosstabulation

			$provider Provider in Locality.[a]		Total
			Locality has Dominion	Locality has neither Apco nor Dominion	
Q2.11 Encountered Barriers to Solar	1 Yes	Count	3	1	4
		% within $provider	75.0%	100.0%	
	3 Not sure	Count	1	0	1
		% within $provider	25.0%	0.0%	
Total		Count	4	1	5

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.12_1*$provider Crosstabulation

			$provider Provider in Locality.[a]		Total
			Locality has Dominion	Locality has neither Apco nor Dominion	
Q2.12_1 Biggest Barrier to Solar, scale 0 to 100- Site not suitable for solar	.00	Count	0	1	1
		% within $provider	0.0%	100.0%	
	20.00	Count	1	0	1
		% within $provider	33.3%	0.0%	
	25.00	Count	1	0	1
		% within $provider	33.3%	0.0%	
	50.00	Count	1	0	1
		% within $provider	33.3%	0.0%	
Total		Count	3	1	4

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.12_2*$provider Crosstabulation

			$provider Provider in Locality.[a]		Total
			Locality has Dominion	Locality has neither Apco nor Dominion	
Q2.12_2 Biggest Barrier to Solar, scale 0 to 100- Upfront costs, financing	15.00	Count	1	0	1
		% within $provider	33.3%	0.0%	
	20.00	Count	1	0	1
		% within $provider	33.3%	0.0%	
	50.00	Count	1	0	1
		% within $provider	33.3%	0.0%	
	100.00	Count	0	1	1
		% within $provider	0.0%	100.0%	
Total		Count	3	1	4

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.12_6*$provider Crosstabulation

			$provider Provider in Locality.[a]		Total
			Locality has Dominion	Locality has neither Apco nor Dominion	
Q2.12_6 Biggest Barrier to Solar, scale 0 to 100- Lack of staff time, capacity, bandwidth	.00	Count	1	1	2
		% within $provider	33.3%	100.0%	
	20.00	Count	1	0	1
		% within $provider	33.3%	0.0%	
	25.00	Count	1	0	1
		% within $provider	33.3%	0.0%	
Total		Count	3	1	4

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.12_7*$provider Crosstabulation

			$provider Provider in Locality.[a]		Total
			Locality has Dominion	Locality has neither Apco nor Dominion	
Q2.12_7 Biggest Barrier to Solar, scale 0 to 100- Lack of support or direction from leadership	.00	Count	1	1	2
		% within $provider	33.3%	100.0%	
	25.00	Count	1	0	1
		% within $provider	33.3%	0.0%	
	35.00	Count	1	0	1
		% within $provider	33.3%	0.0%	
Total		Count	3	1	4

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.12_8*$provider Crosstabulation

			$provider Provider in Locality.[a]		Total
			Locality has Dominion	Locality has neither Apco nor Dominion	
Q2.12_8 Biggest Barrier to Solar, scale 0 to 100-Complication in the process	.00	Count	1	1	2
		% within $provider	33.3%	100.0%	
	5.00	Count	1	0	1
		% within $provider	33.3%	0.0%	
	10.00	Count	1	0	1
		% within $provider	33.3%	0.0%	
Total		Count	3	1	4

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.12_9*$provider Crosstabulation

			$provider Provider in Locality.[a]		Total
			Locality has Dominion	Locality has neither Apco nor Dominion	
Q2.12_9 Biggest Barrier to Solar, scale 0 to 100- Other	.00	Count	3	1	4
		% within $provider	100.0%	100.0%	
Total		Count	3	1	4

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

RENEWABLE ENERGY PROCUREMENT

Q2.13*$provider Crosstabulation

			$provider Provider in Locality.[a]		Total
			Locality has Dominion	Locality has neither Apco nor Dominion	
Q2.13 Joined a PPA through a rider arrangement	1 Yes	Count	3	0	3
		% within $provider	33.3%	0.0%	
	2 No	Count	2	2	4
		% within $provider	22.2%	100.0%	
	3 Not sure	Count	4	0	4
		% within $provider	44.4%	0.0%	
Total		Count	9	2	11

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.15*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q2.15 Concerned about incorporating solar into your locality's own energy generation mix	7 Concerns/Questions (Please describe)	Count	27	2	4	33
		% within $provider	38.0%	7.7%	25.0%	
	8 No concerns	Count	20	10	7	36
		% within $provider	28.2%	38.5%	43.8%	
	9 Not sure	Count	24	14	5	40
		% within $provider	33.8%	53.8%	31.3%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.16_1*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q2.16_1 Familiarity with solar policy mechanism Federal Investment Tax Credit	1.00 Not at all familiar	Count	29	18	7	52
		% within $provider	42.6%	72.0%	46.7%	
	2.00 Slightly familiar	Count	23	6	6	34
		% within $provider	33.8%	24.0%	40.0%	
	3.00 Somewhat familiar	Count	7	0	2	9
		% within $provider	10.3%	0.0%	13.3%	
	4.00 Moderately familiar	Count	5	1	0	5
		% within $provider	7.4%	4.0%	0.0%	
	5.00 Extremely familiar	Count	4	0	0	4
		% within $provider	5.9%	0.0%	0.0%	
Total		Count	68	25	15	104

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.16_2*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q2.16_2 Familiarity with solar policy mechanism Net-metering	1.00 Not at all familiar	Count	26	14	7	45
		% within $provider	38.8%	53.8%	46.7%	
	2.00 Slightly familiar	Count	26	6	2	33
		% within $provider	38.8%	23.1%	13.3%	
	3.00 Somewhat familiar	Count	6	2	3	11
		% within $provider	9.0%	7.7%	20.0%	
	4.00 Moderately familiar	Count	4	2	2	8
		% within $provider	6.0%	7.7%	13.3%	
	5.00 Extremely familiar	Count	5	2	1	7
		% within $provider	7.5%	7.7%	6.7%	
Total		Count	67	26	15	104

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.16_3*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q2.16_3 Familiarity with solar policy mechanism Virtual net-metering	1.00 Not at all familiar	Count	45	19	10	71
		% within $provider	66.2%	76.0%	66.7%	
	2.00 Slightly familiar	Count	13	4	4	21
		% within $provider	19.1%	16.0%	26.7%	
	3.00 Somewhat familiar	Count	6	1	1	8
		% within $provider	8.8%	4.0%	6.7%	
	4.00 Moderately familiar	Count	1	0	0	1
		% within $provider	1.5%	0.0%	0.0%	
	5.00 Extremely familiar	Count	3	1	0	3
		% within $provider	4.4%	4.0%	0.0%	
Total		Count	68	25	15	104

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.16_4*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q2.16_4 Familiarity with solar policy mechanism Power Purchase Agreements	1.00 Not at all familiar	Count	26	17	6	48
		% within $provider	38.8%	68.0%	40.0%	
	2.00 Slightly familiar	Count	22	4	4	29
		% within $provider	32.8%	16.0%	26.7%	
	3.00 Somewhat familiar	Count	12	3	3	17
		% within $provider	17.9%	12.0%	20.0%	
	4.00 Moderately familiar	Count	2	1	2	5
		% within $provider	3.0%	4.0%	13.3%	
	5.00 Extremely familiar	Count	5	0	0	5
		% within $provider	7.5%	0.0%	0.0%	
Total		Count	67	25	15	104

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.16_5*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q2.16_5 Familiarity with solar policy mechanism Shared, Community Solar	1.00 Not at all familiar	Count	23	19	10	51
		% within $provider	33.8%	79.2%	66.7%	
	2.00 Slightly familiar	Count	19	4	3	23
		% within $provider	27.9%	16.7%	20.0%	
	3.00 Somewhat familiar	Count	16	1	2	19
		% within $provider	23.5%	4.2%	13.3%	
	4.00 Moderately familiar	Count	6	0	0	6
		% within $provider	8.8%	0.0%	0.0%	
	5.00 Extremely familiar	Count	4	0	0	4
		% within $provider	5.9%	0.0%	0.0%	
Total		Count	68	24	15	103

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q3.1_1*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q3.1_1 Provide any online-Summary of the permitting process (permitting checklist)	1 Yes	Count	36	13	12	59
		% within $provider	50.7%	50.0%	75.0%	
	2 No	Count	33	13	4	48
		% within $provider	46.5%	50.0%	25.0%	
	3 Not sure	Count	2	0	0	2
		% within $provider	2.8%	0.0%	0.0%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q3.1_2*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q3.1_2 Provide any online-Examples of typical building plans	1 Yes	Count	12	3	2	16
		% within $provider	16.9%	11.5%	12.5%	
	2 No	Count	57	22	14	90
		% within $provider	80.3%	84.6%	87.5%	
	3 Not sure	Count	2	1	0	3
		% within $provider	2.8%	3.8%	0.0%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q3.1_3*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q3.1_3 Provide any online-Fee schedule	1 Yes	Count	50	16	13	76
		% within $provider	70.4%	61.5%	81.3%	
	2 No	Count	20	10	3	32
		% within $provider	28.2%	38.5%	18.8%	
	3 Not sure	Count	1	0	0	1
		% within $provider	1.4%	0.0%	0.0%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q3.1_4*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q3.1_4 Provide any online-Local design criteria for building permits	1 Yes	Count	27	8	10	42
		% within $provider	38.0%	30.8%	62.5%	
	2 No	Count	39	16	6	60
		% within $provider	54.9%	61.5%	37.5%	
	3 Not sure	Count	5	2	0	7
		% within $provider	7.0%	7.7%	0.0%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q3.1_5*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q3.1_5 Provide any online-Incentives (summary of policy and/or forms)	1 Yes	Count	9	3	4	15
		% within $provider	12.7%	11.5%	25.0%	
	2 No	Count	58	22	11	88
		% within $provider	81.7%	84.6%	68.8%	
	3 Not sure	Count	4	1	1	6
		% within $provider	5.6%	3.8%	6.3%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q3.2_1*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q3.2_1 Able to do online - Apply for a building permit	1 Yes	Count	43	17	10	68
		% within $provider	60.6%	65.4%	62.5%	
	2 No	Count	25	7	6	37
		% within $provider	35.2%	26.9%	37.5%	
	3 Not sure	Count	3	2	0	4
		% within $provider	4.2%	7.7%	0.0%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q3.2_2*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q3.2_2 Able to do online - Submit construction plans/ drawings	1 Yes	Count	39	17	10	64
		% within $provider	54.9%	65.4%	62.5%	
	2 No	Count	28	7	6	40
		% within $provider	39.4%	26.9%	37.5%	
	3 Not sure	Count	4	2	0	5
		% within $provider	5.6%	7.7%	0.0%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q3.2_3*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q3.2_3 Able to do online - Schedule an inspection	1 Yes	Count	33	12	8	51
		% within $provider	46.5%	46.2%	50.0%	
	2 No	Count	33	11	8	51
		% within $provider	46.5%	42.3%	50.0%	
	3 Not sure	Count	5	3	0	7
		% within $provider	7.0%	11.5%	0.0%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q3.3*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q3.3 Interest in adopting a uniform permit review procedure	1 Not all interested	Count	9	4	3	16
		% within $provider	16.4%	18.2%	23.1%	
	2 Somewhat interested	Count	30	13	6	47
		% within $provider	54.5%	59.1%	46.2%	
	3 Very interested	Count	12	4	2	18
		% within $provider	21.8%	18.2%	15.4%	
	4 Our locality has already adopted standardized permitting requirements	Count	4	1	2	7
		% within $provider	7.3%	4.5%	15.4%	
Total		Count	55	22	13	88

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q3.4*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q3.4 Interest in adopting an online permit review procedure	1 Not all interested	Count	10	3	5	18
		% within $provider	16.7%	13.6%	45.5%	
	2 Somewhat interested	Count	14	10	1	24
		% within $provider	23.3%	45.5%	9.1%	
	3 Very interested	Count	14	3	1	18
		% within $provider	23.3%	13.6%	9.1%	
	4 Our locality has already adopted standardized permitting requirements	Count	22	6	4	30
		% within $provider	36.7%	27.3%	36.4%	
Total		Count	60	22	11	90

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q3.5*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q3.5 Allows customers to net meter excess solar	1 Yes	Count	0	1	2	3
		% within $provider	0.0%	3.8%	12.5%	
	2 No	Count	1	2	2	5
		% within $provider	1.4%	7.7%	12.5%	
	3 Not sure	Count	8	2	2	12
		% within $provider	11.3%	7.7%	12.5%	
	4 Not applicable	Count	62	21	10	89
		% within $provider	87.3%	80.8%	62.5%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q3.6*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q3.6 Exempt or partially exempt solar equipment from property taxes	1 Yes	Count	6	1	3	10
		% within $provider	8.5%	3.8%	18.8%	
	2 No	Count	43	15	8	64
		% within $provider	60.6%	57.7%	50.0%	
	3 Not sure	Count	22	10	5	35
		% within $provider	31.0%	38.5%	31.3%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q3.7_1-3.7_5*$reasons*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
$reasons Doesnt exempt solar equipment from property taxes.[a]	Q3.7_1 Reason locality doesn't exempt solar equipment from property taxes-Unaware tax exemption was allowed	Count	3	1	1	5
		% within $provider	7.0%	7.1%	14.3%	
	Q3.7_2 Reason locality doesn't exempt solar equipment from property taxes-Because of potential fiscal impacts/revenue loss	Count	17	4	1	20
		% within $provider	39.5%	28.6%	14.3%	
	Q3.7_3 Reason locality doesn't exempt solar equipment from property taxes-Citizens have not expressed intere	Count	10	4	2	15
		% within $provider	23.3%	28.6%	28.6%	
	Q3.7_5 Reason locality doesn't exempt solar equipment from property taxes	Count	14	9	3	26
		% within $provider	32.6%	64.3%	42.9%	
	Q3.7_4 Reason locality doesn't exempt solar equipment from property taxes-Other	Count	6	0	0	6
		% within $provider	14.0%	0.0%	0.0%	
Total		Count	43	14	7	62

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

UTILITY SCALE SOLAR

Q4.2*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q4.2 Reviewed an application For a large or utility scale solar facility	1 Yes	Count	44	7	3	51
		% within $provider	80.0%	33.3%	33.3%	
	2 No	Count	11	13	5	28
		% within $provider	20.0%	61.9%	55.6%	
	3 Not sure	Count	0	1	1	2
		% within $provider	0.0%	4.8%	11.1%	
Total		Count	55	21	9	81

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

UTILITY SCALE SOLAR

Q4.8*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q4.8 Aware of local notice requirement	1 Yes	Count	45	8	4	54
		% within $provider	81.8%	38.1%	44.4%	
	2 No	Count	7	11	4	22
		% within $provider	12.7%	52.4%	44.4%	
	5 Not sure	Count	3	2	1	5
		% within $provider	5.5%	9.5%	11.1%	
Total		Count	55	21	9	81

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

UTILITY SCALE SOLAR

Q4.9*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q4.9 Has your locality ever entered into a siting agreement negotiation process for a solar project?	1 Yes, at least one agreement was negotiated	Count	7	0	1	8
		% within $provider	12.7%	0.0%	11.1%	
	2 Negotiations are in progress, but not yet finalized	Count	10	1	0	10
		% within $provider	18.2%	4.8%	0.0%	
	3 No	Count	38	20	8	63
		% within $provider	69.1%	95.2%	88.9%	
Total		Count	55	21	9	81

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

UTILITY SCALE SOLAR

Q4.11_1*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q4.11_1 Solar facility regulations around-Avoidance of invasive species	1 Yes	Count	28	3	1	32
		% within $provider	50.9%	14.3%	11.1%	
	2 No	Count	19	13	7	36
		% within $provider	34.5%	61.9%	77.8%	
	3 Not Sure	Count	8	5	1	13
		% within $provider	14.5%	23.8%	11.1%	
Total		Count	55	21	9	81

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

UTILITY SCALE SOLAR

Q4.11_2*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q4.11_2 Solar facility regulations around-Conservation easements	1 Yes	Count	25	2	3	30
		% within $provider	45.5%	9.5%	33.3%	
	2 No	Count	26	15	5	43
		% within $provider	47.3%	71.4%	55.6%	
	3 Not Sure	Count	4	4	1	8
		% within $provider	7.3%	19.0%	11.1%	
Total		Count	55	21	9	81

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

UTILITY SCALE SOLAR

Q4.11_3*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q4.11_3 Solar facility regulations around Erosion and sediment control	1 Yes	Count	48	15	8	68
		% within $provider	88.9%	71.4%	88.9%	
	2 No	Count	4	4	1	9
		% within $provider	7.4%	19.0%	11.1%	
	3 Not Sure	Count	2	2	0	3
		% within $provider	3.7%	9.5%	0.0%	
Total		Count	54	21	9	80

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

UTILITY SCALE SOLAR

Q4.11_4*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q4.11_4 Solar facility regulations around - Habitat fragmentation, wildlife-friendly design elements	1 Yes	Count	31	6	3	40
		% within $provider	56.4%	28.6%	33.3%	
	2 No	Count	19	12	6	34
		% within $provider	34.5%	57.1%	66.7%	
	3 Not Sure	Count	5	3	0	7
		% within $provider	9.1%	14.3%	0.0%	
Total		Count	55	21	9	81

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

UTILITY SCALE SOLAR

Q4.11_5*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q4.11_5 Solar facility regulations around - Historic, cultural resources	1 Yes	Count	44	6	4	53
		% within $provider	80.0%	28.6%	44.4%	
	2 No	Count	9	11	5	23
		% within $provider	16.4%	52.4%	55.6%	
	3 Not Sure	Count	2	4	0	5
		% within $provider	3.6%	19.0%	0.0%	
Total		Count	55	21	9	81

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

UTILITY SCALE SOLAR

Q4.11_6*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q4.11_6 Solar facility regulations around-Redevelopment of brownfields or previously-developed sites for solar	1 Yes	Count	13	3	4	20
		% within $provider	23.6%	14.3%	44.4%	
	2 No	Count	34	15	5	51
		% within $provider	61.8%	71.4%	55.6%	
	3 Not Sure	Count	8	3	0	10
		% within $provider	14.5%	14.3%	0.0%	
Total		Count	55	21	9	81

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

UTILITY SCALE SOLAR

Q4.11_7*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q4.11_7 Solar facility regulations around - Pollinator-friendly species	1 Yes	Count	24	5	1	30
		% within $provider	44.4%	23.8%	11.1%	
	2 No	Count	22	11	7	37
		% within $provider	40.7%	52.4%	77.8%	
	3 Not Sure	Count	8	5	1	13
		% within $provider	14.8%	23.8%	11.1%	
Total		Count	54	21	9	80

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

UTILITY SCALE SOLAR

Q4.11_8*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q4.11_8 Solar facility regulations around- Scenic rivers	1 Yes	Count	21	6	1	27
		% within $provider	38.9%	28.6%	11.1%	
	2 No	Count	25	12	7	42
		% within $provider	46.3%	57.1%	77.8%	
	3 Not Sure	Count	8	3	1	11
		% within $provider	14.8%	14.3%	11.1%	
Total		Count	54	21	9	80

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

UTILITY SCALE SOLAR

Q4.11_9*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q4.11_9 Solar facility regulations around - State Wildlife Action Plan	1 Yes	Count	9	1	1	11
		% within $provider	16.4%	4.8%	11.1%	
	2 No	Count	32	12	7	48
		% within $provider	58.2%	57.1%	77.8%	
	3 Not Sure	Count	14	8	1	22
		% within $provider	25.5%	38.1%	11.1%	
Total		Count	55	21	9	81

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

UTILITY SCALE SOLAR

Q4.12_1*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q4.12_1 Regulations enable - Pollinator-friendly planting	1 Not allowed	Count	0	1	0	1
		% within $provider	0.0%	4.8%	0.0%	
	2 Allowed, but not recommended or required	Count	15	1	3	18
		% within $provider	27.3%	4.8%	33.3%	
	3 Recommended, but not required	Count	13	2	0	14
		% within $provider	23.6%	9.5%	0.0%	
	7 Required to be satisfied	Count	12	4	1	17
		% within $provider	21.8%	19.0%	11.1%	
	10 Silent, No Position	Count	15	13	5	31
		% within $provider	27.3%	61.9%	55.6%	
Total		Count	55	21	9	81

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q4.12_2*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q4.12_2 Regulations enable - Vegetative ground cover (native or otherwise)	1 Not allowed	Count	0	1	0	1
		% within $provider	0.0%	4.8%	0.0%	
	2 Allowed, but not recommended or required	Count	4	1	3	7
		% within $provider	7.3%	4.8%	33.3%	
	3 Recommended, but not required	Count	6	1	0	7
		% within $provider	10.9%	4.8%	0.0%	
	7 Required to be satisfied	Count	34	7	2	42
		% within $provider	61.8%	33.3%	22.2%	
	10 Silent, No Position	Count	11	11	4	24
		% within $provider	20.0%	52.4%	44.4%	
Total		Count	55	21	9	81

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q4.12_3*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q4.12_3 Regulations enable - Animal grazing as a means of ground maintenance	1 Not allowed	Count	0	1	1	2
		% within $provider	0.0%	4.8%	11.1%	
	2 Allowed, but not recommended or required	Count	17	3	3	22
		% within $provider	30.9%	14.3%	33.3%	
	3 Recommended, but not required	Count	9	3	0	11
		% within $provider	16.4%	14.3%	0.0%	
	7 Required to be satisfied	Count	3	0	0	3
		% within $provider	5.5%	0.0%	0.0%	
	10 Silent, No Position	Count	26	14	5	43
		% within $provider	47.3%	66.7%	55.6%	
Total		Count	55	21	9	81

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q4.12_4*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q4.12_4 Regulations enable - Apiary/Beekeeping	1 Not allowed	Count	0	1	1	2
		% within $provider	0.0%	4.8%	11.1%	
	2 Allowed, but not recommended or required	Count	19	5	2	24
		% within $provider	34.5%	23.8%	22.2%	
	3 Recommended, but not required	Count	5	1	0	6
		% within $provider	9.1%	4.8%	0.0%	
	7 Required to be satisfied	Count	3	0	0	3
		% within $provider	5.5%	0.0%	0.0%	
	10 Silent, No Position	Count	28	14	6	46
		% within $provider	50.9%	66.7%	66.7%	
Total		Count	55	21	9	81

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

UTILITY SCALE SOLAR

Q4.12_5*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q4.12_5 Regulations enable - Dual-use of agriculture and solar photovoltaics (agrivoltaics)	1 Not allowed	Count	0	1	1	2
		% within $provider	0.0%	4.8%	11.1%	
	2 Allowed, but not recommended or required	Count	19	3	2	22
		% within $provider	34.5%	14.3%	22.2%	
	3 Recommended, but not required	Count	4	2	0	6
		% within $provider	7.3%	9.5%	0.0%	
	7 Required to be satisfied	Count	3	1	0	4
		% within $provider	5.5%	4.8%	0.0%	
	10 Silent, No Position	Count	29	14	6	47
		% within $provider	52.7%	66.7%	66.7%	
Total		Count	55	21	9	81

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

UTILITY SCALE SOLAR

Q4.12_6*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q4.12_6 Regulations enable - Soil health management	1 Not allowed	Count	0	1	0	1
		% within $provider	0.0%	4.8%	0.0%	
	2 Allowed, but not recommended or required	Count	10	2	2	13
		% within $provider	18.2%	9.5%	22.2%	
	3 Recommended, but not required	Count	9	3	0	11
		% within $provider	16.4%	14.3%	0.0%	
	7 Required to be satisfied	Count	15	0	1	16
		% within $provider	27.3%	0.0%	11.1%	
	10 Silent, No Position	Count	21	15	6	40
		% within $provider	38.2%	71.4%	66.7%	
Total		Count	55	21	9	81

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

COMPREHENSIVE PLAN

Q5.1_1*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q5.1_1 Comprehensive plan references - Sustainability goals	1 Yes, adopted	Count	33	7	8	47
		% within $provider	46.5%	26.9%	50.0%	
	2 No, but we are in the process of updating to include	Count	10	2	2	14
		% within $provider	14.1%	7.7%	12.5%	
	3 No, but we are contemplating adding it in next revision cycle	Count	11	3	1	15
		% within $provider	15.5%	11.5%	6.3%	
	4 No, no current plans to include	Count	12	9	3	22
		% within $provider	16.9%	34.6%	18.8%	
	8 Not Sure	Count	5	5	2	11
		% within $provider	7.0%	19.2%	12.5%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

COMPREHENSIVE PLAN

Q5.1_2*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q5.1_2 Comprehensive plan references - Renewable/Clean Energy	1 Yes, adopted	Count	25	1	4	30
		% within $provider	35.2%	3.8%	25.0%	
	2 No, but we are in the process of updating to include	Count	11	2	1	14
		% within $provider	15.5%	7.7%	6.3%	
	3 No, but we are contemplating adding it in next revision cycle	Count	15	6	3	24
		% within $provider	21.1%	23.1%	18.8%	
	4 No, no current plans to include	Count	15	12	7	31
		% within $provider	21.1%	46.2%	43.8%	
	8 Not Sure	Count	5	5	1	10
		% within $provider	7.0%	19.2%	6.3%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q5.1_3*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q5.1_3 Comprehensive plan references - Greenhouse gas emissions, carbon reduction strategies	1 Yes, adopted	Count	14	2	3	19
		% within $provider	19.7%	7.7%	18.8%	
	2 No, but we are in the process of updating to include	Count	6	1	1	8
		% within $provider	8.5%	3.8%	6.3%	
	3 No, but we are contemplating adding it in next revision cycle	Count	14	2	1	17
		% within $provider	19.7%	7.7%	6.3%	
	4 No, no current plans to include	Count	31	15	9	52
		% within $provider	43.7%	57.7%	56.3%	
	8 Not Sure	Count	6	6	2	13
		% within $provider	8.5%	23.1%	12.5%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

COMPREHENSIVE PLAN

Q5.1_4*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q5.1_4 Comprehensive plan references - Community disaster preparedness and energy resiliency	1 Yes, adopted	Count	15	4	2	20
		% within $provider	21.1%	15.4%	12.5%	
	2 No, but we are in the process of updating to include	Count	11	2	1	14
		% within $provider	15.5%	7.7%	6.3%	
	3 No, but we are contemplating adding it in next revision cycle	Count	18	3	1	22
		% within $provider	25.4%	11.5%	6.3%	
	4 No, no current plans to include	Count	20	9	7	34
		% within $provider	28.2%	34.6%	43.8%	
	8 Not Sure	Count	7	8	5	19
		% within $provider	9.9%	30.8%	31.3%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

COMPREHENSIVE PLAN

Q5.2*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q5.2 Comprehensive plan prioritizes general areas for solar generation	1 Yes	Count	16	1	1	18
		% within $provider	22.5%	3.8%	6.3%	
	2 No	Count	41	24	15	76
		% within $provider	57.7%	92.3%	93.8%	
	4 Other (Please explain)	Count	14	1	0	15
		% within $provider	19.7%	3.8%	0.0%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q5.3_1-5.3_6*$land*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
$land Identified Land characteristics.[a]	Q5.3_1 Identified land characteristics-Previously-disturbed land, brownfields, coal-impacted lands including Abandoned Mine Lands	Count	6	1	0	7
		% within $provider	37.5%	100.0%	0.0%	
	Q5.3_2 Identified land characteristics-Industrial land	Count	6	0	0	6
		% within $provider	37.5%	0.0%	0.0%	
	Q5.3_3 Identified land characteristics-Agricultural land	Count	10	0	0	10
		% within $provider	62.5%	0.0%	0.0%	
	Q5.3_4 Identified land characteristics-Land adjacent or within a certain proximity to existing electric infrastructure/grid	Count	8	1	1	10
		% within $provider	50.0%	100.0%	100.0%	
	Q5.3_5 Identified land characteristics-Commercial timber land	Count	2	0	0	2
		% within $provider	12.5%	0.0%	0.0%	
	Q5.3_6 Identified land characteristics-Other	Count	2	0	0	2
		% within $provider	12.5%	0.0%	0.0%	
Total		Count	16	1	1	18

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ZONING

Q6.1*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q6.1 Has a zoning ordinance	1 Yes	Count	68	21	15	100
		% within $provider	95.8%	80.8%	93.8%	
	2 No	Count	3	5	1	9
		% within $provider	4.2%	19.2%	6.3%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ZONING

Q6.2*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q6.2 Provides clear regulatory pathway for approval of distributed generation solar projects	1 Yes	Count	38	9	4	48
		% within $provider	55.9%	42.9%	26.7%	
	2 No	Count	21	8	10	38
		% within $provider	30.9%	38.1%	66.7%	
	3 Not Sure	Count	9	4	1	14
		% within $provider	13.2%	19.0%	6.7%	
Total		Count	68	21	15	100

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ZONING

Q6.3*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q6.3 Regulatory pathway is an admin process	1 Yes	Count	13	5	3	19
		% within $provider	34.2%	55.6%	75.0%	
	2 No	Count	19	4	1	23
		% within $provider	50.0%	44.4%	25.0%	
	3 Not Sure	Count	1	0	0	1
		% within $provider	2.6%	0.0%	0.0%	
	4 Other (Please explain)	Count	5	0	0	5
		% within $provider	13.2%	0.0%	0.0%	
Total		Count	38	9	4	48

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ZONING

Q6.4*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q6.4 Provides clear regulatory pathway for approval of utility scale solar projects	1 Yes	Count	43	10	6	56
		% within $provider	63.2%	47.6%	40.0%	
	2 No	Count	10	7	7	23
		% within $provider	14.7%	33.3%	46.7%	
	3 Not sure	Count	4	2	1	7
		% within $provider	5.9%	9.5%	6.7%	
	5 Not applicable because our locality is too small or developed to accomodate any utility scale solar projects	Count	11	2	1	14
		% within $provider	16.2%	9.5%	6.7%	
Total		Count	68	21	15	100

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ZONING

Q6.5_1-6.5_5*$path*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
$path Regulatory pathway.[a]	Q6.5_2 Regulatory pathway for utility scale solar projects With a conditional use permit, special use permit, special exception permit	Count	41	10	5	53
		% within $provider	95.3%	100.0%	83.3%	
	Q6.5_1 Regulatory pathway for utility scale solar project-By-right in certain districts	Count	9	0	2	11
		% within $provider	20.9%	0.0%	33.3%	
	Q6.5_3 Regulatory pathway for utility scale solar project-In an overlay district	Count	1	0	0	1
		% within $provider	2.3%	0.0%	0.0%	
	Q6.5_4 Regulatory pathway for utility scale solar project-In a floating district	Count	1	0	1	2
		% within $provider	2.3%	0.0%	16.7%	
	Q6.5_5 Regulatory pathway for utility scale solar project-Other	Count	2	0	0	2
		% within $provider	4.7%	0.0%	0.0%	
Total		Count	43	10	6	56

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q6.9_1, 6.9_2, 6.9_4*$additions*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
$additions Regulatory pathway additions.[a]	Q6.9_1 Regulatory pathway additions- By-right in certain districts	Count	2	0	1	3
		% within $provider	66.7%	0.0%	50.0%	
	Q6.9_2 Regulatory pathway additions- With a conditional use permit/special use permit/special exception in specific districts	Count	3	3	1	7
		% within $provider	100.0%	100.0%	50.0%	
	Q6.9_4 Regulatory pathway additions- In an overlay district	Count	0	1	0	1
		% within $provider	0.0%	33.3%	0.0%	
Total		Count	3	3	2	8

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ZONING

Q6.10*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q6.10 Adopted a solar ordinance	1 Yes	Count	36	6	4	45
		% within $provider	50.7%	23.1%	25.0%	
	2 We are in the process of adopting a solar ordinance	Count	5	3	2	10
		% within $provider	7.0%	11.5%	12.5%	
	3 No	Count	21	15	9	43
		% within $provider	29.6%	57.7%	56.3%	
	4 Not sure	Count	1	0	0	1
		% within $provider	1.4%	0.0%	0.0%	
	6 Other (Please explain)	Count	8	2	1	10
		% within $provider	11.3%	7.7%	6.3%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ZONING

Q6.11_1-6.11_7*$address*$provider Crosstabulation						
			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
$address Solar ordinance applications.[a]	Q6.11_2 Solar ordinance addresses-Residential	Count	28	5	4	36
		% within $provider	68.3%	55.6%	66.7%	
	Q6.11_1 Solar ordinance addresses-Commercial, Institutional	Count	27	4	3	33
		% within $provider	65.9%	44.4%	50.0%	
	Q6.11_6 Solar ordinance addresses-Agricultural generators	Count	14	3	1	18
		% within $provider	34.1%	33.3%	16.7%	
	Q6.11_3 Solar ordinance addresses-Shared or Community solar	Count	13	1	1	15
		% within $provider	31.7%	11.1%	16.7%	
	Q6.11_4 Solar ordinance addresses-Utility scale solar	Count	38	8	6	51
		% within $provider	92.7%	88.9%	100.0%	
	Q6.11_7 Solar ordinance addresses-Not sure	Count	0	1	0	1
		% within $provider	0.0%	11.1%	0.0%	
	Q6.11_5 Solar ordinance addresses-Other	Count	2	0	0	2
		% within $provider	4.9%	0.0%	0.0%	
Total		Count	41	9	6	55

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ZONING

Q6.12_1-6.12_9*$ord*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
$ord Solar ordinance topics.[a]	Q6.12_1 Solar ordinance addresses-Provisions for generally accepted national standards for solar panels	Count	23	3	2	28
		% within $provider	56.1%	33.3%	33.3%	
	Q6.12_2 Solar ordinance addresses-Provisions for generally accepted national standards for battery storage technologies for solar photovoltaic	Count	12	3	1	16
		% within $provider	29.3%	33.3%	16.7%	
	Q6.12_3 Solar ordinance addresses-Property line setbacks	Count	39	9	5	52
		% within $provider	95.1%	100.0%	83.3%	
	Q6.12_4 Solar ordinance addresses-Vegetated buffers or screening	Count	37	8	5	49
		% within $provider	90.2%	88.9%	83.3%	
	Q6.12_5 Solar ordinance addresses-Erosion & sediment control	Count	35	8	4	46
		% within $provider	85.4%	88.9%	66.7%	
	Q6.12_6 Solar ordinance addresses-Agricultural lands	Count	23	6	1	30
		% within $provider	56.1%	66.7%	16.7%	
	Q6.12_7 Solar ordinance addresses-Decommissioning Plan requirements above and beyond state code requirements	Count	35	6	5	45
		% within $provider	85.4%	66.7%	83.3%	
	Q6.12_9 Solar ordinance addresses-Agrivoltaics	Count	4	1	1	6
		% within $provider	9.8%	11.1%	16.7%	
	Q6.12_8 Solar ordinance addresses-Other	Count	2	0	1	3
		% within $provider	4.9%	0.0%	16.7%	
Total		Count	41	9	6	55

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ECONOMIC CONSIDERATIONS

Q7.1*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q7.1 Considered economic impacts	1 Yes	Count	32	2	4	37
		% within $provider	45.1%	7.7%	25.0%	
	2 No	Count	32	15	11	55
		% within $provider	45.1%	57.7%	68.8%	
	3 Not sure	Count	7	9	1	17
		% within $provider	9.9%	34.6%	6.3%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ECONOMIC CONSIDERATIONS

Q7.2_1*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q7.2_1 Importance of direct economic impacts on approval decision	2.00 Not at all important	Count	6	1	1	7
		% within $provider	11.1%	6.3%	8.3%	
	3.00 Slightly important	Count	10	4	2	15
		% within $provider	18.5%	25.0%	16.7%	
	4.00 Moderately important	Count	15	7	5	26
		% within $provider	27.8%	43.8%	41.7%	
	5.00 Very important	Count	23	4	4	31
		% within $provider	42.6%	25.0%	33.3%	
Total		Count	54	16	12	79

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ECONOMIC CONSIDERATIONS

Q7.3_1*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q7.3_1 Importance of indirect economic effects-Generation of local construction jobs	2.00 Not at all important	Count	15	3	2	18
		% within $provider	28.3%	16.7%	16.7%	
	3.00 Slightly important	Count	17	4	5	25
		% within $provider	32.1%	22.2%	41.7%	
	4.00 Moderately important	Count	10	8	3	21
		% within $provider	18.9%	44.4%	25.0%	
	5.00 Very important	Count	11	3	2	16
		% within $provider	20.8%	16.7%	16.7%	
Total		Count	53	18	12	80

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ECONOMIC CONSIDERATIONS

Q7.3_2*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q7.3_2 Importance of indirect economic effects-Increased revenue and demand for local businesses and services during construction and decommissioning	2.00 Not at all important	Count	17	2	1	18
		% within $provider	32.1%	12.5%	8.3%	
	3.00 Slightly important	Count	16	3	6	24
		% within $provider	30.2%	18.8%	50.0%	
	4.00 Moderately important	Count	13	8	3	24
		% within $provider	24.5%	50.0%	25.0%	
	5.00 Very important	Count	7	3	2	12
		% within $provider	13.2%	18.8%	16.7%	
Total		Count	53	16	12	78

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ECONOMIC CONSIDERATIONS

Q7.3_3*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q7.3_3 Importance of indirect economic effects-Increased revenue and demand for local businesses and services	2.00 Not at all important	Count	13	2	3	16
		% within $provider	25.5%	12.5%	25.0%	
	3.00 Slightly important	Count	18	4	3	25
		% within $provider	35.3%	25.0%	25.0%	
	4.00 Moderately important	Count	12	5	3	19
		% within $provider	23.5%	31.3%	25.0%	
	5.00 Very important	Count	8	5	3	16
		% within $provider	15.7%	31.3%	25.0%	
Total		Count	51	16	12	76

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ECONOMIC CONSIDERATIONS

Q7.3_4*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q7.3_4 Importance of indirect economic effects-Financial benefits to the property owner leasing their land to the solar developer	2.00 Not at all important	Count	18	4	6	26
		% within $provider	34.6%	26.7%	54.5%	
	3.00 Slightly important	Count	21	7	2	29
		% within $provider	40.4%	46.7%	18.2%	
	4.00 Moderately important	Count	6	3	1	10
		% within $provider	11.5%	20.0%	9.1%	
	5.00 Very important	Count	7	1	2	10
		% within $provider	13.5%	6.7%	18.2%	
Total		Count	52	15	11	75

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q7.4_1*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q7.4_1 Familiarity with changes to (M&T) tax exemption for solar projects /Familiarity with tax model options	1.00 Not at all	Count	15	15	11	41
		% within $provider	21.7%	62.5%	73.3%	
	2.00 Slightly familiar	Count	26	6	0	29
		% within $provider	37.7%	25.0%	0.0%	
	3.00 Moderately familiar	Count	16	2	4	21
		% within $provider	23.2%	8.3%	26.7%	
	4.00 Very familiar	Count	12	1	0	13
		% within $provider	17.4%	4.2%	0.0%	
Total		Count	69	24	15	104

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ECONOMIC CONSIDERATIONS

Q7.5*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q7.5 Evaluated the potential economic impacts of adopting a revenue share assessment ordinance	1 Yes	Count	26	3	1	29
		% within $provider	36.6%	11.5%	6.3%	
	2 No	Count	27	15	13	53
		% within $provider	38.0%	57.7%	81.3%	
	3 Not sure	Count	18	8	2	27
		% within $provider	25.4%	30.8%	12.5%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ECONOMIC CONSIDERATIONS

Q7.6*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q7.6 Used SolTax	1 Yes	Count	14	2	0	15
		% within $provider	19.7%	7.7%	0.0%	
	2 No	Count	38	14	13	63
		% within $provider	53.5%	53.8%	81.3%	
	5 Not sure	Count	19	10	3	31
		% within $provider	26.8%	38.5%	18.8%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ECONOMIC CONSIDERATIONS

Q7.7*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q7.7 Adopted a revenue share ordinance	1 Yes, adopted	Count	7	0	0	7
		% within $provider	9.9%	0.0%	0.0%	
	2 Yes, in the process of adopting	Count	8	2	0	9
		% within $provider	11.3%	7.7%	0.0%	
	3 No	Count	41	14	12	65
		% within $provider	57.7%	53.8%	75.0%	
	4 Not sure	Count	15	10	4	28
		% within $provider	21.1%	38.5%	25.0%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ECONOMIC CONSIDERATIONS

Q7.8*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q7.8 Extent considering establishing a green bank	1 Not at all: we did not know about the authorizing legislation and/or are unfamiliar with what a green bank is.	Count	24	11	5	38
		% within $provider	33.8%	42.3%	31.3%	
	2 Not actively: we are aware of green banks and the authorizing legislation, but we are not actively pursuing	Count	16	4	3	22
		% within $provider	22.5%	15.4%	18.8%	
	3 Actively: we have had/are having discussions about potentially establishing a green bank.	Count	2	0	0	2
		% within $provider	2.8%	0.0%	0.0%	
	4 Not sure if this is being considered at this time.	Count	29	11	8	47
		% within $provider	40.8%	42.3%	50.0%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ENERGY STORAGE

Q8.1*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q8.1 Have policies or codes that address large energy storage	1 Yes	Count	16	3	3	20
		% within $provider	22.5%	11.5%	18.8%	
	2 No	Count	42	16	11	68
		% within $provider	59.2%	61.5%	68.8%	
	3 Not sure	Count	13	7	2	21
		% within $provider	18.3%	26.9%	12.5%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q8.2*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q8.2 Require emergency preparedness plans for utility scale battery storage projects	1 Yes	Count	8	2	1	10
		% within $provider	50.0%	66.7%	33.3%	
	2 No	Count	8	1	2	10
		% within $provider	50.0%	33.3%	66.7%	
Total		Count	16	3	3	20

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ENERGY STORAGE

Q8.3*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q8.3 Have any actively permitted large or utility scale energy storage projects	1 Yes	Count	5	1	2	7
		% within $provider	7.0%	3.8%	12.5%	
	2 No	Count	62	21	14	95
		% within $provider	87.3%	80.8%	87.5%	
	3 Not sure	Count	4	4	0	7
		% within $provider	5.6%	15.4%	0.0%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ENERGY STORAGE

Q8.4_4, Q8.4_8, Q8.4_9*$active*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
$active Active large scale energy storage projects.[a]	Q8.4_4 Active Large scale energy project type- Lithium Ion Batteries	Count	4	1	1	5
		% within $provider	80.0%	100.0%	50.0%	
	Q8.4_9 ActiveLarge scale energy project type- Not sure	Count	1	0	1	2
		% within $provider	20.0%	0.0%	50.0%	
	Q8.4_8 Active Large scale energy project type- Other	Count	0	0	1	1
		% within $provider	0.0%	0.0%	50.0%	
Total		Count	5	1	2	7

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ENERGY STORAGE

Q8.5*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q8.5 Large or utility scale energy storage projects proposed or planned	1 Yes	Count	21	6	3	28
		% within $provider	29.6%	23.1%	18.8%	
	2 No	Count	42	12	11	64
		% within $provider	59.2%	46.2%	68.8%	
	3 Not sure	Count	8	8	2	17
		% within $provider	11.3%	30.8%	12.5%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q8.6*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q8.6 Are the proposed project(s) standalone energy storage or tied in with a solar project	1 Standalone energy storage	Count	11	2	2	14
		% within $provider	52.4%	33.3%	66.7%	
	2 Solar + storage	Count	6	2	0	7
		% within $provider	28.6%	33.3%	0.0%	
	3 Not Sure	Count	1	2	1	4
		% within $provider	4.8%	33.3%	33.3%	
	4 Other (Please describe)	Count	3	0	0	3
		% within $provider	14.3%	0.0%	0.0%	
Total		Count	21	6	3	28

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q8.7_4, Q8.7_8, Q8.7_9*$planned*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
$planned Planned large scale energy storage projects.[a]	Q8.7_4 Planned energy storage project type- Lithium Ion Batteries	Count	11	1	1	12
		% within $provider	52.4%	16.7%	33.3%	
	Q8.7_9 Planned energy storage project type- Not sure	Count	10	5	2	16
		% within $provider	47.6%	83.3%	66.7%	
	Q8.7_8 Planned energy storage project type- Other	Count	1	0	0	1
		% within $provider	4.8%	0.0%	0.0%	
Total		Count	21	6	3	28

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

ELECTRIC SERVICE PROVIDER

ENERGY STORAGE

Q8.8*$provider Crosstabulation

			$provider Provider in Locality.[a]			Total
			Locality has Dominion	apco Locality has Apco	Locality has neither Apco nor Dominion	
Q8.8 Extent your locality considered solar + storage as a resiliency tool	1 Our locality has not considered microgrids as a resiliency tool	Count	41	18	14	70
		% within $provider	57.7%	69.2%	87.5%	
	2 Our locality is considering policies to allow and/or promote microgrids as a resiliency tool	Count	10	0	0	10
		% within $provider	14.1%	0.0%	0.0%	
	3 Our locality has already adopted policies that allow and/or promote microgrids as a resiliency tool	Count	2	0	0	2
		% within $provider	2.8%	0.0%	0.0%	
	5 Not sure	Count	18	8	2	27
		% within $provider	25.4%	30.8%	12.5%	
Total		Count	71	26	16	109

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

EXPERIENCE WITH SOLAR

CROSS TABULAR ANALYSIS

Virginia Solar Survey

APRIL 2022

EXPERIENCE WITH SOLAR

SOLAR READINESS

Q1.1 Updating solar policies * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q1.1 Updating solar policies	1 Yes, update is in progress	Count	7	8	10	15	40
		% within solarxp Amount of Solar Experience	24.1%	32.0%	41.7%	48.4%	36.7%
	2 No, not at this time	Count	9	3	4	2	18
		% within solarxp Amount of Solar Experience	31.0%	12.0%	16.7%	6.5%	16.5%
	3 No, but it is on our radar to do so	Count	7	6	5	7	25
		% within solarxp Amount of Solar Experience	24.1%	24.0%	20.8%	22.6%	22.9%
	4 No, we have already updated our solar policies, regulations, and/or application and permitting processes	Count	6	8	5	7	26
		% within solarxp Amount of Solar Experience	20.7%	32.0%	20.8%	22.6%	23.9%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Q1.2_1-1.2_13*$resources*solarxp Crosstabulation

			solarxp Amount of Solar Experience			Total
			1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
$resources Resources to develop policy.a	Q1.2_1 Resources to develop policy - Other Virginia localities	Count	16	18	22	56
		% within solarxp	72.7%	90.0%	75.9%	
	Q1.2_2 Resources to develop policy - Planning District Commission	Count	6	5	9	20
		% within solarxp	27.3%	25.0%	31.0%	
	Q1.2_3 Resources to develop policy - Membership Associations	Count	10	8	14	32
		% within solarxp	45.5%	40.0%	48.3%	
	Q1.2_4 Resources to develop policy-Local Extension Office and/or Soil & Water Conservation District	Count	0	1	3	4
		% within solarxp	0.0%	5.0%	10.3%	
	Q1.2_5 Resources to develop policy-State agencies	Count	2	9	14	25
		% within solarxp	9.1%	45.0%	48.3%	
	Q1.2_6 Resources to develop policy-Institutions of higher education	Count	5	6	7	18
		% within solarxp	22.7%	30.0%	24.1%	
	Q1.2_7 Resources to develop policy-Private consultants	Count	3	8	12	23
		% within solarxp	13.6%	40.0%	41.4%	
	Q1.2_8 Resources to develop policy-Solar industry professionals	Count	6	8	18	32
		% within solarxp	27.3%	40.0%	62.1%	
	Q1.2_9 Resources to develop policy-Nonprofits and advocacy groups	Count	0	3	6	9
		% within solarxp	0.0%	15.0%	20.7%	
	Q1.2_10 Resources to develop policy-National research entities and agencies	Count	3	4	6	13
		% within solarxp	13.6%	20.0%	20.7%	
	Q1.2_11 Resources to develop policy-Utilities	Count	1	4	10	15
		% within solarxp	4.5%	20.0%	34.5%	
	Q1.2_13 Resources to develop policy-None	Count	2	0	0	2
		% within solarxp	9.1%	0.0%	0.0%	
	Q1.2_12 Resources to develop policy-Other	Count	2	2	6	10
		% within solarxp	9.1%	10.0%	20.7%	
Total		Count	22	20	29	71

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q1.3_1-1.310*$training*solarxp Crosstabulation

			solarxp Amount of Solar Experience			Total
			1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
$training Training-tech assistance.a	Q1.3_1 Training/tech assistance- Solar basics	Count	13	7	12	32
		% within solarxp	52.0%	29.2%	38.7%	
	Q1.3_2 Training/tech assistance- Technical assistance	Count	14	14	15	43
		% within solarxp	56.0%	58.3%	48.4%	
	Q1.3_3 Training/tech assistance- Identification of previously disturbed land, brownfields or coal-impacted lands	Count	5	3	9	17
		% within solarxp	20.0%	12.5%	29.0%	
	Q1.3_4 Training/tech assistance- SolSmart Advisors Program	Count	7	2	9	18
		% within solarxp	28.0%	8.3%	29.0%	
	Q1.3_5 Training/tech assistance- Energy procurement	Count	8	7	8	23
		% within solarxp	32.0%	29.2%	25.8%	
	Q1.3_6 Training/tech assistance- Tax and economic impact assessment	Count	12	14	18	44
		% within solarxp	48.0%	58.3%	58.1%	
	Q1.3_7 Training/tech assistance- Low impact development	Count	8	8	13	29
		% within solarxp	32.0%	33.3%	41.9%	
	Q1.3_10 Training/tech assistance- Locality best practices	Count	16	19	19	54
		% within solarxp	64.0%	79.2%	61.3%	
	Q1.3_9 Training/tech assistance- No, not interested	Count	4	1	3	8
		% within solarxp	16.0%	4.2%	9.7%	
	Q1.3_8 Training/tech assistance- Other	Count	1	4	5	10
		% within solarxp	4.0%	16.7%	16.1%	
Total		Count	25	24	31	80

Percentages and totals are based on respondents.
a. Dichotomy group tabulated at value 1.

Q1.4_1 Interest in-- Agricultural, farmland impacts * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q1.4_1 Interest in-- Agricultural, farmland impacts	1 No interest	Count	12	3	3	1	19
		% within solarxp Amount of Solar Experience	41.4%	12.0%	12.5%	3.2%	17.4%
	2 Minimal Interest	Count	1	2	1	2	6
		% within solarxp Amount of Solar Experience	3.4%	8.0%	4.2%	6.5%	5.5%
	3 Some Interest	Count	6	3	10	7	26
		% within solarxp Amount of Solar Experience	20.7%	12.0%	41.7%	22.6%	23.9%
	4 A lot of Interest	Count	5	13	7	11	36
		% within solarxp Amount of Solar Experience	17.2%	52.0%	29.2%	35.5%	33.0%
	5 The Most Interest	Count	5	4	3	10	22
		% within solarxp Amount of Solar Experience	17.2%	16.0%	12.5%	32.3%	20.2%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	27.690[a]	12	0.006
Likelihood Ratio	26.544	12	0.009
Linear-by-Linear Association	9.899	1	0.002
N of Valid Cases	109		

a. 7 cells (35.0%) have expected count less than 5. The minimum expected count is 1.32.

Q1.4_2 Interest in-- Decommissioning * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q1.4_2 Interest in-- Decommissioning	1 No interest	Count	7	4	3	1	15
		% within solarxp Amount of Solar Experience	24.1%	16.0%	12.5%	3.2%	13.8%
	2 Minimal Interest	Count	7	0	4	2	13
		% within solarxp Amount of Solar Experience	24.1%	0.0%	16.7%	6.5%	11.9%
	3 Some Interest	Count	6	10	4	7	27
		% within solarxp Amount of Solar Experience	20.7%	40.0%	16.7%	22.6%	24.8%
	4 A lot of Interest	Count	4	9	8	15	36
		% within solarxp Amount of Solar Experience	13.8%	36.0%	33.3%	48.4%	33.0%
	5 The Most Interest	Count	5	2	5	6	18
		% within solarxp Amount of Solar Experience	17.2%	8.0%	20.8%	19.4%	16.5%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	23.019[a]	12	0.028
Likelihood Ratio	26.573	12	0.009
Linear-by-Linear Association	8.895	1	0.003
N of Valid Cases	109		

a. 11 cells (55.0%) have expected count less than 5. The minimum expected count is 2.86.

Q1.4_3 Interest in-- Emergency response * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q1.4_3 Interest in-- Emergency response	1 No interest	Count	5	1	2	0	8
		% within solarxp Amount of Solar Experience	17.2%	4.0%	8.3%	0.0%	7.3%
	2 Minimal Interest	Count	9	9	4	5	27
		% within solarxp Amount of Solar Experience	31.0%	36.0%	16.7%	16.1%	24.8%
	3 Some Interest	Count	7	7	11	12	37
		% within solarxp Amount of Solar Experience	24.1%	28.0%	45.8%	38.7%	33.9%
	4 A lot of Interest	Count	6	5	6	12	29
		% within solarxp Amount of Solar Experience	20.7%	20.0%	25.0%	38.7%	26.6%
	5 The Most Interest	Count	2	3	1	2	8
		% within solarxp Amount of Solar Experience	6.9%	12.0%	4.2%	6.5%	7.3%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	15.785[a]	12	0.201
Likelihood Ratio	16.885	12	0.154
Linear-by-Linear Association	5.488	1	0.019
N of Valid Cases	109		

a. 8 cells (40.0%) have expected count less than 5. The minimum expected count is 1.76.

Q1.4_4 Interest in-- End users, corporate buyers, energy off-takers * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q1.4_4 Interest in-- End users, corporate buyers, energy off-takers	1 No interest	Count	6	2	3	3	14
		% within solarxp Amount of Solar Experience	20.7%	8.0%	12.5%	9.7%	12.8%
	2 Minimal Interest	Count	7	6	4	10	27
		% within solarxp Amount of Solar Experience	24.1%	24.0%	16.7%	32.3%	24.8%
	3 Some Interest	Count	11	8	12	8	39
		% within solarxp Amount of Solar Experience	37.9%	32.0%	50.0%	25.8%	35.8%
	4 A lot of Interest	Count	5	6	4	8	23
		% within solarxp Amount of Solar Experience	17.2%	24.0%	16.7%	25.8%	21.1%
	5 The Most Interest	Count	0	3	1	2	6
		% within solarxp Amount of Solar Experience	0.0%	12.0%	4.2%	6.5%	5.5%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	10.289[a]	12	0.591
Likelihood Ratio	11.250	12	0.508
Linear-by-Linear Association	0.902	1	0.342
N of Valid Cases	109		

a. 8 cells (40.0%) have expected count less than 5. The minimum expected count is 1.32.

Q1.4_5 Interest in-- Energy equity, environmental justice * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q1.4_5 Interest in-- Energy equity, environmental justice	1 No interest	Count	8	2	2	2	14
		% within solarxp Amount of Solar Experience	27.6%	8.0%	8.3%	6.5%	12.8%
	2 Minimal Interest	Count	5	7	8	7	27
		% within solarxp Amount of Solar Experience	17.2%	28.0%	33.3%	22.6%	24.8%
	3 Some Interest	Count	12	9	7	10	38
		% within solarxp Amount of Solar Experience	41.4%	36.0%	29.2%	32.3%	34.9%
	4 A lot of Interest	Count	4	5	4	11	24
		% within solarxp Amount of Solar Experience	13.8%	20.0%	16.7%	35.5%	22.0%
	5 The Most Interest	Count	0	2	3	1	6
		% within solarxp Amount of Solar Experience	0.0%	8.0%	12.5%	3.2%	5.5%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	17.023[a]	12	0.149
Likelihood Ratio	16.955	12	0.151
Linear-by-Linear Association	4.811	1	0.028
N of Valid Cases	109		

a. 8 cells (40.0%) have expected count less than 5. The minimum expected count is 1.32.

Q1.4_6 Interest in-- Forests, timbering, carbon sequestration * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q1.4_6 Interest in-- Forests, timbering, carbon sequestration	1 No interest	Count	9	4	5	1	19
		% within solarxp Amount of Solar Experience	31.0%	16.0%	20.8%	3.2%	17.4%
	2 Minimal Interest	Count	6	3	7	3	19
		% within solarxp Amount of Solar Experience	20.7%	12.0%	29.2%	9.7%	17.4%
	3 Some Interest	Count	7	11	7	12	37
		% within solarxp Amount of Solar Experience	24.1%	44.0%	29.2%	38.7%	33.9%
	4 A lot of Interest	Count	7	5	3	13	28
		% within solarxp Amount of Solar Experience	24.1%	20.0%	12.5%	41.9%	25.7%
	5 The Most Interest	Count	0	2	2	2	6
		% within solarxp Amount of Solar Experience	0.0%	8.0%	8.3%	6.5%	5.5%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	19.787[a]	12	0.071
Likelihood Ratio	22.397	12	0.033
Linear-by-Linear Association	8.088	1	0.004
N of Valid Cases	109		

a. 8 cells (40.0%) have expected count less than 5. The minimum expected count is 1.32.

Q1.4_7 Interest in-- Low impact development, agrivoltaics * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q1.4_7 Interest in-- Low impact development, agrivoltaics	1 No interest	Count	7	2	2	1	12
		% within solarxp Amount of Solar Experience	24.1%	8.0%	8.3%	3.2%	11.0%
	2 Minimal Interest	Count	4	1	3	5	13
		% within solarxp Amount of Solar Experience	13.8%	4.0%	12.5%	16.1%	11.9%
	3 Some Interest	Count	9	12	11	10	42
		% within solarxp Amount of Solar Experience	31.0%	48.0%	45.8%	32.3%	38.5%
	4 A lot of Interest	Count	7	7	7	14	35
		% within solarxp Amount of Solar Experience	24.1%	28.0%	29.2%	45.2%	32.1%
	5 The Most Interest	Count	2	3	1	1	7
		% within solarxp Amount of Solar Experience	6.9%	12.0%	4.2%	3.2%	6.4%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.448[a]	12	0.273
Likelihood Ratio	14.149	12	0.291
Linear-by-Linear Association	2.569	1	0.109
N of Valid Cases	109		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is 1.54.

Q1.4_8 Interest in-- Property values, economic benefits, taxation * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q1.4_8 Interest in-- Property values, economic benefits, taxation	1 No interest	Count	3	1	3	1	8
		% within solarxp Amount of Solar Experience	10.3%	4.0%	12.5%	3.2%	7.3%
	2 Minimal Interest	Count	6	1	0	1	8
		% within solarxp Amount of Solar Experience	20.7%	4.0%	0.0%	3.2%	7.3%
	3 Some Interest	Count	8	4	6	9	27
		% within solarxp Amount of Solar Experience	27.6%	16.0%	25.0%	29.0%	24.8%
	4 A lot of Interest	Count	7	13	10	16	46
		% within solarxp Amount of Solar Experience	24.1%	52.0%	41.7%	51.6%	42.2%
	5 The Most Interest	Count	5	6	5	4	20
		% within solarxp Amount of Solar Experience	17.2%	24.0%	20.8%	12.9%	18.3%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	17.817[a]	12	0.121
Likelihood Ratio	18.015	12	0.115
Linear-by-Linear Association	1.937	1	0.164
N of Valid Cases	109		

a. 10 cells (50.0%) have expected count less than 5. The minimum expected count is 1.76.

Q1.4_9 Interest in-- Soil and water conservation and protection * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q1.4_9 Interest in-- Soil and water conservation and protection	1 No interest	Count	4	2	1	1	8
		% within solarxp Amount of Solar Experience	13.8%	8.0%	4.2%	3.2%	7.3%
	2 Minimal Interest	Count	5	3	3	3	14
		% within solarxp Amount of Solar Experience	17.2%	12.0%	12.5%	9.7%	12.8%
	3 Some Interest	Count	11	6	10	8	35
		% within solarxp Amount of Solar Experience	37.9%	24.0%	41.7%	25.8%	32.1%
	4 A lot of Interest	Count	6	10	4	15	35
		% within solarxp Amount of Solar Experience	20.7%	40.0%	16.7%	48.4%	32.1%
	5 The Most Interest	Count	3	4	6	4	17
		% within solarxp Amount of Solar Experience	10.3%	16.0%	25.0%	12.9%	15.6%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	13.307[a]	12	0.347
Likelihood Ratio	13.239	12	0.352
Linear-by-Linear Association	4.140	1	0.042
N of Valid Cases	109		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is 1.76.

Q1.4_10 Interest in-- Transmission, grid, energy storage, resiliency * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q1.4_10 Interest in-- Transmission, grid, energy storage, resiliency	1 No interest	Count	6	2	2	2	12
		% within solarxp Amount of Solar Experience	20.7%	8.0%	8.3%	6.5%	11.0%
	2 Minimal Interest	Count	5	5	7	4	21
		% within solarxp Amount of Solar Experience	17.2%	20.0%	29.2%	12.9%	19.3%
	3 Some Interest	Count	9	10	6	16	41
		% within solarxp Amount of Solar Experience	31.0%	40.0%	25.0%	51.6%	37.6%
	4 A lot of Interest	Count	6	4	7	9	26
		% within solarxp Amount of Solar Experience	20.7%	16.0%	29.2%	29.0%	23.9%
	5 The Most Interest	Count	3	4	2	0	9
		% within solarxp Amount of Solar Experience	10.3%	16.0%	8.3%	0.0%	8.3%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.287[a]	12	0.283
Likelihood Ratio	16.027	12	0.190
Linear-by-Linear Association	0.317	1	0.573
N of Valid Cases	109		

a. 10 cells (50.0%) have expected count less than 5. The minimum expected count is 1.98.

Q1.4_11 Interest in-- Viewsheds, cultural, historic resources * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q1.4_11 Interest in-- Viewsheds, cultural, historic resources	1 No interest	Count	4	1	0	1	6
		% within solarxp Amount of Solar Experience	13.8%	4.0%	0.0%	3.2%	5.5%
	2 Minimal Interest	Count	6	1	6	3	16
		% within solarxp Amount of Solar Experience	20.7%	4.0%	25.0%	9.7%	14.7%
	3 Some Interest	Count	7	7	5	11	30
		% within solarxp Amount of Solar Experience	24.1%	28.0%	20.8%	35.5%	27.5%
	4 A lot of Interest	Count	11	11	10	11	43
		% within solarxp Amount of Solar Experience	37.9%	44.0%	41.7%	35.5%	39.4%
	5 The Most Interest	Count	1	5	3	5	14
		% within solarxp Amount of Solar Experience	3.4%	20.0%	12.5%	16.1%	12.8%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	15.043[a]	12	0.239
Likelihood Ratio	16.472	12	0.171
Linear-by-Linear Association	2.530	1	0.112
N of Valid Cases	109		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is 1.32.

Q1.4_12 Interest in-- Wildlife, habitat fragmentation and conservation * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q1.4_12 Interest in-- Wildlife, habitat fragmentation and conservation	1 No interest	Count	6	3	4	2	15
		% within solarxp Amount of Solar Experience	20.7%	12.0%	16.7%	6.5%	13.8%
	2 Minimal Interest	Count	5	1	3	2	11
		% within solarxp Amount of Solar Experience	17.2%	4.0%	12.5%	6.5%	10.1%
	3 Some Interest	Count	11	8	5	9	33
		% within solarxp Amount of Solar Experience	37.9%	32.0%	20.8%	29.0%	30.3%
	4 A lot of Interest	Count	5	10	12	16	43
		% within solarxp Amount of Solar Experience	17.2%	40.0%	50.0%	51.6%	39.4%
	5 The Most Interest	Count	2	3	0	2	7
		% within solarxp Amount of Solar Experience	6.9%	12.0%	0.0%	6.5%	6.4%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.891[a]	12	0.247
Likelihood Ratio	17.270	12	0.140
Linear-by-Linear Association	4.308	1	0.038
N of Valid Cases	109		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is 1.54.

Q1.4_13 Interest in-- Landowner leases, property rights * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q1.4_13 Interest in-- Landowner leases, property rights	1 No interest	Count	3	2	3	1	9
		% within solarxp Amount of Solar Experience	10.3%	8.0%	12.5%	3.2%	8.3%
	2 Minimal Interest	Count	5	2	6	5	18
		% within solarxp Amount of Solar Experience	17.2%	8.0%	25.0%	16.1%	16.5%
	3 Some Interest	Count	13	11	7	9	40
		% within solarxp Amount of Solar Experience	44.8%	44.0%	29.2%	29.0%	36.7%
	4 A lot of Interest	Count	5	6	6	14	31
		% within solarxp Amount of Solar Experience	17.2%	24.0%	25.0%	45.2%	28.4%
	5 The Most Interest	Count	3	4	2	2	11
		% within solarxp Amount of Solar Experience	10.3%	16.0%	8.3%	6.5%	10.1%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	11.484[a]	12	0.488
Likelihood Ratio	11.509	12	0.486
Linear-by-Linear Association	0.717	1	0.397
N of Valid Cases	109		

a. 11 cells (55.0%) have expected count less than 5. The minimum expected count is 1.98.

Q2.1 Formalized process for electricity procurement * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q2.1 Formalized process for electricity procurement	1 Yes	Count	0	5	3	7	15
		% within solarxp Amount of Solar Experience	0.0%	20.0%	12.5%	22.6%	13.8%
	2 No	Count	14	12	11	15	52
		% within solarxp Amount of Solar Experience	48.3%	48.0%	45.8%	48.4%	47.7%
	3 Not sure	Count	15	8	10	9	42
		% within solarxp Amount of Solar Experience	51.7%	32.0%	41.7%	29.0%	38.5%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.875[a]	6	0.181
Likelihood Ratio	12.448	6	0.053
Linear-by-Linear Association	4.788	1	0.029
N of Valid Cases	109		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is 3.30.

Q2.2_1-2.2_9*$buildings*solarxp Crosstabulation

			solarxp Amount of Solar Experience			Total
			1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
$buildings Buildings covered by locality electricity procurement.a	Q2.2_1 Buildings covered by locality electricity procurement-Administrative Offices	Count	9	10	15	34
		% within solarxp	36.0%	41.7%	48.4%	
	Q2.2_2 Buildings covered by locality electricity procurement-Fire & Rescue	Count	7	8	14	29
		% within solarxp	28.0%	33.3%	45.2%	
	Q2.2_3 Buildings covered by locality electricity procurement-Police Station	Count	8	9	15	32
		% within solarxp	32.0%	37.5%	48.4%	
	Q2.2_4 Buildings covered by locality electricity procurement-Courthouse	Count	7	8	15	30
		% within solarxp	28.0%	33.3%	48.4%	
	Q2.2_5 Buildings covered by locality electricity procurement-Schools	Count	6	10	18	34
		% within solarxp	24.0%	41.7%	58.1%	
	Q2.2_6 Buildings covered by locality electricity procurement-Parks & Recreational Facilities	Count	9	9	13	31
		% within solarxp	36.0%	37.5%	41.9%	
	Q2.2_7 Buildings covered by locality electricity procurement-Public Works/ General Services/Transportation & Fleet Services	Count	9	9	13	31
		% within solarxp	36.0%	37.5%	41.9%	
	Q2.2_9 Buildings covered by locality electricity procurement-Not sure	Count	15	13	9	37
		% within solarxp	60.0%	54.2%	29.0%	
	Q2.2_8 Buildings covered by locality electricity procurement-Other	Count	3	3	7	13
		% within solarxp	12.0%	12.5%	22.6%	
Total		Count	25	24	31	80

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q2.3 Locality's experience with using "energy-positive building design * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q2.3 Locality's experience with using "energy-positive building design	1 No experience	Count	16	17	9	10	52
		% within solarxp Amount of Solar Experience	100.0%	85.0%	64.3%	40.0%	69.3%
	2 Some Experience	Count	0	3	5	13	21
		% within solarxp Amount of Solar Experience	0.0%	15.0%	35.7%	52.0%	28.0%
	3 Extensive Experience	Count	0	0	0	2	2
		% within solarxp Amount of Solar Experience	0.0%	0.0%	0.0%	8.0%	2.7%
Total		Count	16	20	14	25	75
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	21.160[a]	6	0.002
Likelihood Ratio	25.463	6	0.000
Linear-by-Linear Association	19.079	1	0.000
N of Valid Cases	75		

a. 6 cells (50.0%) have expected count less than 5. The minimum expected count is .37.

Q2.4 Policy requiring photovoltaics in public buildings * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q2.4 Policy requiring photovoltaics in public buildings	1 Yes	Count	0	1	2	3	6
		% within solarxp Amount of Solar Experience	0.0%	4.0%	8.3%	9.7%	5.5%
	4 No	Count	21	19	12	26	78
		% within solarxp Amount of Solar Experience	72.4%	76.0%	50.0%	83.9%	71.6%
	5 Not sure	Count	7	5	8	1	21
		% within solarxp Amount of Solar Experience	24.1%	20.0%	33.3%	3.2%	19.3%
	6 Other	Count	1	0	2	1	4
		% within solarxp Amount of Solar Experience	3.4%	0.0%	8.3%	3.2%	3.7%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.646[a]	9	0.101
Likelihood Ratio	18.468	9	0.030
Linear-by-Linear Association	3.515	1	0.061
N of Valid Cases	109		

a. 10 cells (62.5%) have expected count less than 5. The minimum expected count is .88.

Q2.5 Does your locality procure any of its own energy load from solar? * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q2.5 Does your locality procure any of its own energy load from solar?	1 Yes	Count	0	1	3	13	17
		% within solarxp Amount of Solar Experience	0.0%	4.0%	12.5%	41.9%	15.6%
	2 No, we have no plans to procure any of our own energy load from solar	Count	15	10	9	10	44
		% within solarxp Amount of Solar Experience	51.7%	40.0%	37.5%	32.3%	40.4%
	6 Not sure	Count	14	7	9	3	33
		% within solarxp Amount of Solar Experience	48.3%	28.0%	37.5%	9.7%	30.3%
	7 No, not at this time but we are working towards it within the next 2 years	Count	0	7	3	5	15
		% within solarxp Amount of Solar Experience	0.0%	28.0%	12.5%	16.1%	13.8%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	37.829[a]	9	0.000
Likelihood Ratio	43.046	9	0.000
Linear-by-Linear Association	4.391	1	0.036
N of Valid Cases	109		

a. 8 cells (50.0%) have expected count less than 5. The minimum expected count is 3.30.

Q2.6 Solar energy from on-site solar installations * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience			Total
			1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q2.6 Solar energy from on-site solar installations	1 Yes	Count	3	4	15	22
		% within solarxp Amount of Solar Experience	37.5%	66.7%	83.3%	68.8%
	2 No	Count	1	0	1	2
		% within solarxp Amount of Solar Experience	12.5%	0.0%	5.6%	6.3%
	4 Not sure	Count	4	2	2	8
		% within solarxp Amount of Solar Experience	50.0%	33.3%	11.1%	25.0%
Total		Count	8	6	18	32
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	6.141[a]	4	0.189
Likelihood Ratio	6.491	4	0.165
Linear-by-Linear Association	5.114	1	0.024
N of Valid Cases	32		

a. 7 cells (77.8%) have expected count less than 5. The minimum expected count is .38.

Q2.7 Solar energy from power purchase agreement * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience			Total
			1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q2.7 Solar energy from power purchase agreement	1 Owned	Count	0	1	1	2
		% within solarxp Amount of Solar Experience	0.0%	16.7%	5.6%	6.3%
	2 PPA	Count	0	3	6	9
		% within solarxp Amount of Solar Experience	0.0%	50.0%	33.3%	28.1%
	3 Not sure	Count	8	2	9	19
		% within solarxp Amount of Solar Experience	100.0%	33.3%	50.0%	59.4%
	4 Both: we have project(s) that are owned and project(s) that are procured though a PPA	Count	0	0	2	2
		% within solarxp Amount of Solar Experience	0.0%	0.0%	11.1%	6.3%
Total		Count	8	6	18	32
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	9.731[a]	6	0.136
Likelihood Ratio	12.457	6	0.053
Linear-by-Linear Association	0.585	1	0.444
N of Valid Cases	32		

a. 10 cells (83.3%) have expected count less than 5. The minimum expected count is .38.

Q2.9 Has your locality considered incorporating solar in its generation mix? * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q2.9 Has your locality considered incorporating solar in its generation mix?	1 Yes	Count	1	0	2	2	5
		% within solarxp Amount of Solar Experience	6.7%	0.0%	22.2%	20.0%	11.4%
	2 No	Count	9	6	6	4	25
		% within solarxp Amount of Solar Experience	60.0%	60.0%	66.7%	40.0%	56.8%
	3 Not sure	Count	5	4	1	4	14
		% within solarxp Amount of Solar Experience	33.3%	40.0%	11.1%	40.0%	31.8%
Total		Count	15	10	9	10	44
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.358[a]	6	0.499
Likelihood Ratio	6.645	6	0.355
Linear-by-Linear Association	0.628	1	0.428
N of Valid Cases	44		

a. 8 cells (66.7%) have expected count less than 5. The minimum expected count is 1.02.

Q2.10 Is your locality actively pursuing the installation of solar systems on public buildings or public land? * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience			Total
			.00 No Experience	2.00 Moderate Experience	3.00 Much Experience	
Q2.10 Is your locality actively pursuing the installation of solar systems on public buildings or public land?	2 No	Count	1	2	2	5
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%
Total		Count	1	2	2	5
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%

Q2.11 Encountered Barriers to Solar * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience			Total
			.00 No Experience	2.00 Moderate Experience	3.00 Much Experience	
Q2.11 Encountered Barriers to Solar	1 Yes	Count	0	2	2	4
		% within solarxp Amount of Solar Experience	0.0%	100.0%	100.0%	80.0%
	3 Not sure	Count	1	0	0	1
		% within solarxp Amount of Solar Experience	100.0%	0.0%	0.0%	20.0%
Total		Count	1	2	2	5
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.000[a]	2	0.082
Likelihood Ratio	5.004	2	0.082
Linear-by-Linear Association	3.333	1	0.068
N of Valid Cases	5		

a. 6 cells (100.0%) have expected count less than 5. The minimum expected count is .20.

Q2.12_1 Biggest Barrier to Solar, scale 0 to 100- Site not suitable for solar * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience		Total
			2.00 Moderate Experience	3.00 Much Experience	
Q2.12_1 Biggest Barrier to Solar, scale 0 to 100- Site not suitable for solar	.00	Count	1	0	1
		% within solarxp Amount of Solar Experience	50.0%	0.0%	25.0%
	20.00	Count	0	1	1
		% within solarxp Amount of Solar Experience	0.0%	50.0%	25.0%
	25.00	Count	0	1	1
		% within solarxp Amount of Solar Experience	0.0%	50.0%	25.0%
	50.00	Count	1	0	1
		% within solarxp Amount of Solar Experience	50.0%	0.0%	25.0%
Total		Count	2	2	4
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.000[a]	3	0.261
Likelihood Ratio	5.545	3	0.136
Linear-by-Linear Association	0.015	1	0.903
N of Valid Cases	4		

a. 8 cells (100.0%) have expected count less than 5. The minimum expected count is .50.

Q2.12_2 Biggest Barrier to Solar, scale 0 to 100- Upfront costs, financing * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience		Total
			2.00 Moderate Experience	3.00 Much Experience	
Q2.12_2 Biggest Barrier to Solar, scale 0 to 100- Upfront costs, financing	15.00	Count	0	1	1
		% within solarxp Amount of Solar Experience	0.0%	50.0%	25.0%
	20.00	Count	0	1	1
		% within solarxp Amount of Solar Experience	0.0%	50.0%	25.0%
	50.00	Count	1	0	1
		% within solarxp Amount of Solar Experience	50.0%	0.0%	25.0%
	100.00	Count	1	0	1
		% within solarxp Amount of Solar Experience	50.0%	0.0%	25.0%
Total		Count	2	2	4
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.000[a]	3	0.261
Likelihood Ratio	5.545	3	0.136
Linear-by-Linear Association	2.171	1	0.141
N of Valid Cases	4		

a. 8 cells (100.0%) have expected count less than 5. The minimum expected count is .50.

Q2.12_6 Biggest Barrier to Solar, scale 0 to 100- Lack of staff time, capacity, bandwidth * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience		Total
			2.00 Moderate Experience	3.00 Much Experience	
Q2.12_6 Biggest Barrier to Solar, scale 0 to 100- Lack of staff time, capacity, bandwidth	.00	Count	2	0	2
		% within solarxp Amount of Solar Experience	100.0%	0.0%	50.0%
	20.00	Count	0	1	1
		% within solarxp Amount of Solar Experience	0.0%	50.0%	25.0%
	25.00	Count	0	1	1
		% within solarxp Amount of Solar Experience	0.0%	50.0%	25.0%
Total		Count	2	2	4
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.000[a]	2	0.135
Likelihood Ratio	5.545	2	0.063
Linear-by-Linear Association	2.928	1	0.087
N of Valid Cases	4		

a. 6 cells (100.0%) have expected count less than 5. The minimum expected count is .50.

Q2.12_7 Biggest Barrier to Solar, scale 0 to 100- Lack of support or direction from leadership * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience		Total
			2.00 Moderate Experience	3.00 Much Experience	
Q2.12_7 Biggest Barrier to Solar, scale 0 to 100- Lack of support or direction from leadership	.00	Count	2	0	2
		% within solarxp Amount of Solar Experience	100.0%	0.0%	50.0%
	25.00	Count	0	1	1
		% within solarxp Amount of Solar Experience	0.0%	50.0%	25.0%
	35.00	Count	0	1	1
		% within solarxp Amount of Solar Experience	0.0%	50.0%	25.0%
Total		Count	2	2	4
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.000[a]	2	0.135
Likelihood Ratio	5.545	2	0.063
Linear-by-Linear Association	2.842	1	0.092
N of Valid Cases	4		

a. 6 cells (100.0%) have expected count less than 5. The minimum expected count is .50.

Q2.12_8 Biggest Barrier to Solar, scale 0 to 100- Complication in the process * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience		Total
			2.00 Moderate Experience	3.00 Much Experience	
Q2.12_8 Biggest Barrier to Solar, scale 0 to 100- Complication in the process	.00	Count	2	0	2
		% within solarxp Amount of Solar Experience	100.0%	0.0%	50.0%
	5.00	Count	0	1	1
		% within solarxp Amount of Solar Experience	0.0%	50.0%	25.0%
	10.00	Count	0	1	1
		% within solarxp Amount of Solar Experience	0.0%	50.0%	25.0%
Total		Count	2	2	4
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.000[a]	2	0.135
Likelihood Ratio	5.545	2	0.063
Linear-by-Linear Association	2.455	1	0.117
N of Valid Cases	4		

a. 6 cells (100.0%) have expected count less than 5. The minimum expected count is .50.

Q2.12_9 Biggest Barrier to Solar, scale 0 to 100- Other * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience		Total
			2.00 Moderate Experience	3.00 Much Experience	
Q2.12_9 Biggest Barrier to Solar, scale 0 to 100- Other	.00	Count	2	2	4
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%
Total		Count	2	2	4
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%

Q2.13 Joined a PPA through a rider arrangement * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience		Total
			2.00 Moderate Experience	3.00 Much Experience	
Q2.13 Joined a PPA through a rider arrangement	1 Yes	Count	1	2	3
		% within solarxp Amount of Solar Experience	33.3%	25.0%	27.3%
	2 No	Count	1	3	4
		% within solarxp Amount of Solar Experience	33.3%	37.5%	36.4%
	3 Not sure	Count	1	3	4
		% within solarxp Amount of Solar Experience	33.3%	37.5%	36.4%
Total		Count	3	8	11
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	.076[a]	2	0.963
Likelihood Ratio	0.075	2	0.963
Linear-by-Linear Association	0.049	1	0.824
N of Valid Cases	11		

a. 6 cells (100.0%) have expected count less than 5. The minimum expected count is .82.

Q2.15 Concerned about incorporating solar into your locality's own energy generation mix * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q2.15 Concerned about incorporating solar into your locality's own energy generation mix	7 Concerns/Questions (Please describe)	Count	7	4	8	14	33
		% within solarxp Amount of Solar Experience	24.1%	16.0%	33.3%	45.2%	30.3%
	8 No concerns	Count	11	10	4	11	36
		% within solarxp Amount of Solar Experience	37.9%	40.0%	16.7%	35.5%	33.0%
	9 Not sure	Count	11	11	12	6	40
		% within solarxp Amount of Solar Experience	37.9%	44.0%	50.0%	19.4%	36.7%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	11.041[a]	6	0.087
Likelihood Ratio	11.913	6	0.064
Linear-by-Linear Association	3.909	1	0.048
N of Valid Cases	109		

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 7.27.

Q2.16_1 Familiarity with solar policy mechanism Federal Investment Tax Credit * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q2.16_1 Familiarity with solar policy mechanism Federal Investment Tax Credit	1.00 Not at all familiar	Count	16	12	13	11	52
		% within solarxp Amount of Solar Experience	57.1%	54.5%	54.2%	36.7%	50.0%
	2.00 Slightly familiar	Count	10	9	7	8	34
		% within solarxp Amount of Solar Experience	35.7%	40.9%	29.2%	26.7%	32.7%
	3.00 Somewhat familiar	Count	2	0	2	5	9
		% within solarxp Amount of Solar Experience	7.1%	0.0%	8.3%	16.7%	8.7%
	4.00 Moderately familiar	Count	0	0	1	4	5
		% within solarxp Amount of Solar Experience	0.0%	0.0%	4.2%	13.3%	4.8%
	5.00 Extremely familiar	Count	0	1	1	2	4
		% within solarxp Amount of Solar Experience	0.0%	4.5%	4.2%	6.7%	3.8%
Total		Count	28	22	24	30	104
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	15.382[a]	12	0.221
Likelihood Ratio	18.770	12	0.094
Linear-by-Linear Association	8.028	1	0.005
N of Valid Cases	104		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is .85.

Q2.16_2 Familiarity with solar policy mechanism Net-metering * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q2.16_2 Familiarity with solar policy mechanism Net-metering	1.00 Not at all familiar	Count	12	9	13	11	45
		% within solarxp Amount of Solar Experience	42.9%	40.9%	56.5%	35.5%	43.3%
	2.00 Slightly familiar	Count	13	5	6	9	33
		% within solarxp Amount of Solar Experience	46.4%	22.7%	26.1%	29.0%	31.7%
	3.00 Somewhat familiar	Count	1	6	2	2	11
		% within solarxp Amount of Solar Experience	3.6%	27.3%	8.7%	6.5%	10.6%
	4.00 Moderately familiar	Count	2	1	1	4	8
		% within solarxp Amount of Solar Experience	7.1%	4.5%	4.3%	12.9%	7.7%
	5.00 Extremely familiar	Count	0	1	1	5	7
		% within solarxp Amount of Solar Experience	0.0%	4.5%	4.3%	16.1%	6.7%
Total		Count	28	22	23	31	104
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	19.866[a]	12	0.070
Likelihood Ratio	19.115	12	0.086
Linear-by-Linear Association	3.553	1	0.059
N of Valid Cases	104		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is 1.48.

Q2.16_3 Familiarity with solar policy mechanism Virtual net-metering * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q2.16_3 Familiarity with solar policy mechanism Virtual net-metering	1.00 Not at all familiar	Count	21	16	18	16	71
		% within solarxp Amount of Solar Experience	77.8%	72.7%	75.0%	51.6%	68.3%
	2.00 Slightly familiar	Count	5	5	3	8	21
		% within solarxp Amount of Solar Experience	18.5%	22.7%	12.5%	25.8%	20.2%
	3.00 Somewhat familiar	Count	1	1	2	4	8
		% within solarxp Amount of Solar Experience	3.7%	4.5%	8.3%	12.9%	7.7%
	4.00 Moderately familiar	Count	0	0	0	1	1
		% within solarxp Amount of Solar Experience	0.0%	0.0%	0.0%	3.2%	1.0%
	5.00 Extremely familiar	Count	0	0	1	2	3
		% within solarxp Amount of Solar Experience	0.0%	0.0%	4.2%	6.5%	2.9%
Total		Count	27	22	24	31	104
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	10.356[a]	12	0.585
Likelihood Ratio	11.621	12	0.477
Linear-by-Linear Association	7.037	1	0.008
N of Valid Cases	104		

a. 14 cells (70.0%) have expected count less than 5. The minimum expected count is .21.

Q2.16_4 Familiarity with solar policy mechanism Power Purchase Agreements * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q2.16_4 Familiarity with solar policy mechanism Power Purchase Agreements	1.00 Not at all familiar	Count	18	12	12	6	48
		% within solarxp Amount of Solar Experience	64.3%	54.5%	50.0%	20.0%	46.2%
	2.00 Slightly familiar	Count	4	5	7	13	29
		% within solarxp Amount of Solar Experience	14.3%	22.7%	29.2%	43.3%	27.9%
	3.00 Somewhat familiar	Count	6	3	2	6	17
		% within solarxp Amount of Solar Experience	21.4%	13.6%	8.3%	20.0%	16.3%
	4.00 Moderately familiar	Count	0	2	0	3	5
		% within solarxp Amount of Solar Experience	0.0%	9.1%	0.0%	10.0%	4.8%
	5.00 Extremely familiar	Count	0	0	3	2	5
		% within solarxp Amount of Solar Experience	0.0%	0.0%	12.5%	6.7%	4.8%
Total		Count	28	22	24	30	104
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	23.826[a]	12	0.021
Likelihood Ratio	28.390	12	0.005
Linear-by-Linear Association	8.186	1	0.004
N of Valid Cases	104		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is 1.06.

Q2.16_5 Familiarity with solar policy mechanism Shared, Community Solar * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q2.16_5 Familiarity with solar policy mechanism Shared, Community Solar	1.00 Not at all familiar	Count	15	15	9	12	51
		% within solarxp Amount of Solar Experience	55.6%	68.2%	37.5%	40.0%	49.5%
	2.00 Slightly familiar	Count	9	5	6	3	23
		% within solarxp Amount of Solar Experience	33.3%	22.7%	25.0%	10.0%	22.3%
	3.00 Somewhat familiar	Count	2	2	5	10	19
		% within solarxp Amount of Solar Experience	7.4%	9.1%	20.8%	33.3%	18.4%
	4.00 Moderately familiar	Count	1	0	2	3	6
		% within solarxp Amount of Solar Experience	3.7%	0.0%	8.3%	10.0%	5.8%
	5.00 Extremely familiar	Count	0	0	2	2	4
		% within solarxp Amount of Solar Experience	0.0%	0.0%	8.3%	6.7%	3.9%
Total		Count	27	22	24	30	103
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	19.458[a]	12	0.078
Likelihood Ratio	22.404	12	0.033
Linear-by-Linear Association	9.702	1	0.002
N of Valid Cases	103		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is .85.

Q3.1_1 Provide any online- Summary of the permitting process (permitting checklist) * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q3.1_1 Provide any online- Summary of the permitting process (permitting checklist)	1 Yes	Count	14	12	11	22	59
		% within solarxp Amount of Solar Experience	48.3%	48.0%	45.8%	71.0%	54.1%
	2 No	Count	14	13	13	8	48
		% within solarxp Amount of Solar Experience	48.3%	52.0%	54.2%	25.8%	44.0%
	3 Not sure	Count	1	0	0	1	2
		% within solarxp Amount of Solar Experience	3.4%	0.0%	0.0%	3.2%	1.8%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	7.301[a]	6	0.294
Likelihood Ratio	8.289	6	0.218
Linear-by-Linear Association	2.444	1	0.118
N of Valid Cases	109		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is .44.

Q3.1_2 Provide any online- Examples of typical building plans * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q3.1_2 Provide any online- Examples of typical building plans	1 Yes	Count	5	0	3	8	16
		% within solarxp Amount of Solar Experience	17.2%	0.0%	12.5%	25.8%	14.7%
	2 No	Count	24	24	21	21	90
		% within solarxp Amount of Solar Experience	82.8%	96.0%	87.5%	67.7%	82.6%
	3 Not sure	Count	0	1	0	2	3
		% within solarxp Amount of Solar Experience	0.0%	4.0%	0.0%	6.5%	2.8%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	11.076[a]	6	0.086
Likelihood Ratio	15.296	6	0.018
Linear-by-Linear Association	0.431	1	0.511
N of Valid Cases	109		

a. 8 cells (66.7%) have expected count less than 5. The minimum expected count is .66.

Q3.1_3 Provide any online- Fee schedule * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q3.1_3 Provide any online- Fee schedule	1 Yes	Count	18	14	16	28	76
		% within solarxp Amount of Solar Experience	62.1%	56.0%	66.7%	90.3%	69.7%
	2 No	Count	10	11	8	3	32
		% within solarxp Amount of Solar Experience	34.5%	44.0%	33.3%	9.7%	29.4%
	3 Not sure	Count	1	0	0	0	1
		% within solarxp Amount of Solar Experience	3.4%	0.0%	0.0%	0.0%	0.9%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	11.901[a]	6	0.064
Likelihood Ratio	12.876	6	0.045
Linear-by-Linear Association	7.195	1	0.007
N of Valid Cases	109		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is .22.

Q3.1_4 Provide any online- Local design criteria for building permits * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q3.1_4 Provide any online- Local design criteria for building permits	1 Yes	Count	11	5	9	17	42
		% within solarxp Amount of Solar Experience	37.9%	20.0%	37.5%	54.8%	38.5%
	2 No	Count	15	19	14	12	60
		% within solarxp Amount of Solar Experience	51.7%	76.0%	58.3%	38.7%	55.0%
	3 Not sure	Count	3	1	1	2	7
		% within solarxp Amount of Solar Experience	10.3%	4.0%	4.2%	6.5%	6.4%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	9.093[a]	6	0.168
Likelihood Ratio	9.238	6	0.161
Linear-by-Linear Association	2.659	1	0.103
N of Valid Cases	109		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is 1.54.

Q3.1_5 Provide any online- Incentives (summary of policy and/or forms) * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q3.1_5 Provide any online- Incentives (summary of policy and/or forms)	1 Yes	Count	7	1	3	4	15
		% within solarxp Amount of Solar Experience	24.1%	4.0%	12.5%	12.9%	13.8%
	2 No	Count	20	22	21	25	88
		% within solarxp Amount of Solar Experience	69.0%	88.0%	87.5%	80.6%	80.7%
	3 Not sure	Count	2	2	0	2	6
		% within solarxp Amount of Solar Experience	6.9%	8.0%	0.0%	6.5%	5.5%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	6.598[a]	6	0.360
Likelihood Ratio	8.151	6	0.227
Linear-by-Linear Association	0.265	1	0.606
N of Valid Cases	109		

a. 8 cells (66.7%) have expected count less than 5. The minimum expected count is 1.32.

Q3.2_1 Able to do online - Apply for a building permit * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q3.2_1 Able to do online - Apply for a building permit	1 Yes	Count	15	15	14	24	68
		% within solarxp Amount of Solar Experience	51.7%	60.0%	58.3%	77.4%	62.4%
	2 No	Count	11	9	10	7	37
		% within solarxp Amount of Solar Experience	37.9%	36.0%	41.7%	22.6%	33.9%
	3 Not sure	Count	3	1	0	0	4
		% within solarxp Amount of Solar Experience	10.3%	4.0%	0.0%	0.0%	3.7%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	9.052[a]	6	0.171
Likelihood Ratio	9.975	6	0.126
Linear-by-Linear Association	5.826	1	0.016
N of Valid Cases	109		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is .88.

Q3.2_2 Able to do online - Submit construction plans/ drawings * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q3.2_2 Able to do online - Submit construction plans/ drawings	1 Yes	Count	14	16	13	21	64
		% within solarxp Amount of Solar Experience	48.3%	64.0%	54.2%	67.7%	58.7%
	2 No	Count	11	8	11	10	40
		% within solarxp Amount of Solar Experience	37.9%	32.0%	45.8%	32.3%	36.7%
	3 Not sure	Count	4	1	0	0	5
		% within solarxp Amount of Solar Experience	13.8%	4.0%	0.0%	0.0%	4.6%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	9.946[a]	6	0.127
Likelihood Ratio	10.567	6	0.103
Linear-by-Linear Association	3.962	1	0.047
N of Valid Cases	109		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is 1.10.

Q3.2_3 Able to do online - Schedule an inspection * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q3.2_3 Able to do online - Schedule an inspection	1 Yes	Count	11	11	12	17	51
		% within solarxp Amount of Solar Experience	37.9%	44.0%	50.0%	54.8%	46.8%
	2 No	Count	14	12	12	13	51
		% within solarxp Amount of Solar Experience	48.3%	48.0%	50.0%	41.9%	46.8%
	3 Not sure	Count	4	2	0	1	7
		% within solarxp Amount of Solar Experience	13.8%	8.0%	0.0%	3.2%	6.4%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.825[a]	6	0.443
Likelihood Ratio	6.873	6	0.333
Linear-by-Linear Association	3.569	1	0.059
N of Valid Cases	109		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is 1.54.

Q3.3 Interest in adopting a uniform permit review procedure * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q3.3 Interest in adopting a uniform permit review procedure	1 Not all interested	Count	4	4	3	5	16
		% within solarxp Amount of Solar Experience	18.2%	18.2%	17.6%	18.5%	18.2%
	2 Somewhat interested	Count	12	11	10	14	47
		% within solarxp Amount of Solar Experience	54.5%	50.0%	58.8%	51.9%	53.4%
	3 Very interested	Count	4	7	1	6	18
		% within solarxp Amount of Solar Experience	18.2%	31.8%	5.9%	22.2%	20.5%
	4 Our locality has already adopted standardized permitting requirements	Count	2	0	3	2	7
		% within solarxp Amount of Solar Experience	9.1%	0.0%	17.6%	7.4%	8.0%
Total		Count	22	22	17	27	88
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	7.217[a]	9	0.615
Likelihood Ratio	8.937	9	0.443
Linear-by-Linear Association	0.015	1	0.904
N of Valid Cases	88		

a. 11 cells (68.8%) have expected count less than 5. The minimum expected count is 1.35.

Q3.4 Interest in adopting an online permit review procedure * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q3.4 Interest in adopting an online permit review procedure	1 Not all interested	Count	6	3	6	3	18
		% within solarxp Amount of Solar Experience	27.3%	13.6%	30.0%	11.5%	20.0%
	2 Somewhat interested	Count	6	7	6	5	24
		% within solarxp Amount of Solar Experience	27.3%	31.8%	30.0%	19.2%	26.7%
	3 Very interested	Count	6	6	3	3	18
		% within solarxp Amount of Solar Experience	27.3%	27.3%	15.0%	11.5%	20.0%
	4 Our locality has already adopted standardized permitting requirements	Count	4	6	5	15	30
		% within solarxp Amount of Solar Experience	18.2%	27.3%	25.0%	57.7%	33.3%
Total		Count	22	22	20	26	90
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	12.949[a]	9	0.165
Likelihood Ratio	12.616	9	0.181
Linear-by-Linear Association	4.275	1	0.039
N of Valid Cases	90		

a. 6 cells (37.5%) have expected count less than 5. The minimum expected count is 4.00.

Q3.5 Allows customers to net meter excess solar * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q3.5 Allows customers to net meter excess solar	1 Yes	Count	0	1	1	1	3
		% within solarxp Amount of Solar Experience	0.0%	4.0%	4.2%	3.2%	2.8%
	2 No	Count	1	3	0	1	5
		% within solarxp Amount of Solar Experience	3.4%	12.0%	0.0%	3.2%	4.6%
	3 Not sure	Count	1	5	1	5	12
		% within solarxp Amount of Solar Experience	3.4%	20.0%	4.2%	16.1%	11.0%
	4 Not applicable	Count	27	16	22	24	89
		% within solarxp Amount of Solar Experience	93.1%	64.0%	91.7%	77.4%	81.7%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	12.325[a]	9	0.196
Likelihood Ratio	13.743	9	0.132
Linear-by-Linear Association	0.335	1	0.563
N of Valid Cases	109		

a. 12 cells (75.0%) have expected count less than 5. The minimum expected count is .66.

Q3.6 Exempt or partially exempt solar equipment from property taxes * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q3.6 Exempt or partially exempt solar equipment from property taxes	1 Yes	Count	3	1	3	3	10
		% within solarxp Amount of Solar Experience	10.3%	4.0%	12.5%	9.7%	9.2%
	2 No	Count	15	19	11	19	64
		% within solarxp Amount of Solar Experience	51.7%	76.0%	45.8%	61.3%	58.7%
	3 Not sure	Count	11	5	10	9	35
		% within solarxp Amount of Solar Experience	37.9%	20.0%	41.7%	29.0%	32.1%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.519[a]	6	0.479
Likelihood Ratio	5.747	6	0.452
Linear-by-Linear Association	0.080	1	0.777
N of Valid Cases	109		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is 2.20.

Q3.7_1-3.7_5*$reasons*solarxp Crosstabulation

			solarxp Amount of Solar Experience			Total
			1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
$reasons Doesnt exempt solar equipment from property taxes.a	Q3.7_1 Reason locality doesn't exempt solar equipment from property taxes-Unaware tax exemption was allowed	Count	1	2	1	4
		% within solarxp	5.3%	20.0%	5.3%	
	Q3.7_2 Reason locality doesn't exempt solar equipment from property taxes-Because of potential fiscal impacts/revenue loss	Count	2	6	8	16
		% within solarxp	10.5%	60.0%	42.1%	
	Q3.7_3 Reason locality doesn't exempt solar equipment from property taxes-Citizens have not expressed intere	Count	4	0	5	9
		% within solarxp	21.1%	0.0%	26.3%	
	Q3.7_5 Reason locality doesn't exempt solar equipment from property taxes	Count	13	2	5	20
		% within solarxp	68.4%	20.0%	26.3%	
	Q3.7_4 Reason locality doesn't exempt solar equipment from property taxes-Other	Count	2	0	3	5
		% within solarxp	10.5%	0.0%	15.8%	
Total		Count	19	10	19	48

Percentages and totals are based on respondents.
a. Dichotomy group tabulated at value 1.

Q4.2 Reviewed an application For a large or utility scale solar facility * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q4.2 Reviewed an application For a large or utility scale solar facility	1 Yes	Count	0	7	18	26	51
		% within solarxp Amount of Solar Experience	0.0%	35.0%	94.7%	89.7%	63.0%
	2 No	Count	13	12	1	2	28
		% within solarxp Amount of Solar Experience	100.0%	60.0%	5.3%	6.9%	34.6%
	3 Not sure	Count	0	1	0	1	2
		% within solarxp Amount of Solar Experience	0.0%	5.0%	0.0%	3.4%	2.5%
Total		Count	13	20	19	29	81
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	49.406[a]	6	0.000
Likelihood Ratio	57.585	6	0.000
Linear-by-Linear Association	30.145	1	0.000
N of Valid Cases	81		

a. 5 cells (41.7%) have expected count less than 5. The minimum expected count is .32.

EXPERIENCE WITH SOLAR

UTILITY SCALE SOLAR

Q4.8 Aware of local notice requirement * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q4.8 Aware of local notice requirement	1 Yes	Count	5	11	15	23	54
		% within solarxp Amount of Solar Experience	38.5%	55.0%	78.9%	79.3%	66.7%
	2 No	Count	5	8	3	6	22
		% within solarxp Amount of Solar Experience	38.5%	40.0%	15.8%	20.7%	27.2%
	5 Not sure	Count	3	1	1	0	5
		% within solarxp Amount of Solar Experience	23.1%	5.0%	5.3%	0.0%	6.2%
Total		Count	13	20	19	29	81
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.140[a]	6	0.028
Likelihood Ratio	13.653	6	0.034
Linear-by-Linear Association	9.954	1	0.002
N of Valid Cases	81		

a. 5 cells (41.7%) have expected count less than 5. The minimum expected count is .80.

Q4.9 Has your locality ever entered into a siting agreement negotiation process for a solar project? * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q4.9 Has your locality ever entered into a siting agreement negotiation process for a solar project?	1 Yes, at least one agreement was negotiated	Count	0	0	0	8	8
		% within solarxp Amount of Solar Experience	0.0%	0.0%	0.0%	27.6%	9.9%
	2 Negotiations are in progress, but not yet finalized	Count	0	2	5	3	10
		% within solarxp Amount of Solar Experience	0.0%	10.0%	26.3%	10.3%	12.3%
	3 No	Count	13	18	14	18	63
		% within solarxp Amount of Solar Experience	100.0%	90.0%	73.7%	62.1%	77.8%
Total		Count	13	20	19	29	81
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	21.307[a]	6	0.002
Likelihood Ratio	24.252	6	0.000
Linear-by-Linear Association	12.304	1	0.000
N of Valid Cases	81		

a. 8 cells (66.7%) have expected count less than 5. The minimum expected count is 1.28.

Q4.11_1 Solar facility regulations around-Avoidance of invasive species * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q4.11_1 Solar facility regulations around-Avoidance of invasive species	1 Yes	Count	3	7	8	14	32
		% within solarxp Amount of Solar Experience	23.1%	35.0%	42.1%	48.3%	39.5%
	2 No	Count	4	12	7	13	36
		% within solarxp Amount of Solar Experience	30.8%	60.0%	36.8%	44.8%	44.4%
	3 Not Sure	Count	6	1	4	2	13
		% within solarxp Amount of Solar Experience	46.2%	5.0%	21.1%	6.9%	16.0%
Total		Count	13	20	19	29	81
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.144[a]	6	0.028
Likelihood Ratio	12.704	6	0.048
Linear-by-Linear Association	5.177	1	0.023
N of Valid Cases	81		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is 2.09.

Q4.11_2 Solar facility regulations around-Conservation easements * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q4.11_2 Solar facility regulations around-Conservation easements	1 Yes	Count	4	5	10	11	30
		% within solarxp Amount of Solar Experience	30.8%	25.0%	52.6%	37.9%	37.0%
	2 No	Count	5	13	8	17	43
		% within solarxp Amount of Solar Experience	38.5%	65.0%	42.1%	58.6%	53.1%
	3 Not Sure	Count	4	2	1	1	8
		% within solarxp Amount of Solar Experience	30.8%	10.0%	5.3%	3.4%	9.9%
Total		Count	13	20	19	29	81
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	11.200[a]	6	0.082
Likelihood Ratio	9.621	6	0.142
Linear-by-Linear Association	3.460	1	0.063
N of Valid Cases	81		

a. 5 cells (41.7%) have expected count less than 5. The minimum expected count is 1.28.

Q4.11_3 Solar facility regulations around Erosion and sediment control * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q4.11_3 Solar facility regulations around Erosion and sediment control	1 Yes	Count	8	15	18	27	68
		% within solarxp Amount of Solar Experience	61.5%	75.0%	94.7%	96.4%	85.0%
	2 No	Count	3	4	1	1	9
		% within solarxp Amount of Solar Experience	23.1%	20.0%	5.3%	3.6%	11.3%
	3 Not Sure	Count	2	1	0	0	3
		% within solarxp Amount of Solar Experience	15.4%	5.0%	0.0%	0.0%	3.8%
Total		Count	13	20	19	28	80
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	13.308[a]	6	0.038
Likelihood Ratio	13.115	6	0.041
Linear-by-Linear Association	11.052	1	0.001
N of Valid Cases	80		

a. 8 cells (66.7%) have expected count less than 5. The minimum expected count is .49.

Q4.11_4 Solar facility regulations around - Habitat fragmentation, wildlife-friendly design elements * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q4.11_4 Solar facility regulations around - Habitat fragmentation, wildlife-friendly design elements	1 Yes	Count	4	5	12	19	40
		% within solarxp Amount of Solar Experience	30.8%	25.0%	63.2%	65.5%	49.4%
	2 No	Count	5	13	7	9	34
		% within solarxp Amount of Solar Experience	38.5%	65.0%	36.8%	31.0%	42.0%
	3 Not Sure	Count	4	2	0	1	7
		% within solarxp Amount of Solar Experience	30.8%	10.0%	0.0%	3.4%	8.6%
Total		Count	13	20	19	29	81
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	19.044[a]	6	0.004
Likelihood Ratio	18.195	6	0.006
Linear-by-Linear Association	11.764	1	0.001
N of Valid Cases	81		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is 1.12.

Q4.11_5 Solar facility regulations around - Historic, cultural resources * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q4.11_5 Solar facility regulations around - Historic, cultural resources	1 Yes	Count	6	10	16	21	53
		% within solarxp Amount of Solar Experience	46.2%	50.0%	84.2%	72.4%	65.4%
	2 No	Count	4	9	3	7	23
		% within solarxp Amount of Solar Experience	30.8%	45.0%	15.8%	24.1%	28.4%
	3 Not Sure	Count	3	1	0	1	5
		% within solarxp Amount of Solar Experience	23.1%	5.0%	0.0%	3.4%	6.2%
Total		Count	13	20	19	29	81
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	13.507[a]	6	0.036
Likelihood Ratio	12.225	6	0.057
Linear-by-Linear Association	6.313	1	0.012
N of Valid Cases	81		

a. 5 cells (41.7%) have expected count less than 5. The minimum expected count is .80.

Q4.11_6 Solar facility regulations around- Redevelopment of brownfields or previously-developed sites for solar * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q4.11_6 Solar facility regulations around- Redevelopment of brownfields or previously-developed sites for solar	1 Yes	Count	3	3	6	8	20
		% within solarxp Amount of Solar Experience	23.1%	15.0%	31.6%	27.6%	24.7%
	2 No	Count	7	15	9	20	51
		% within solarxp Amount of Solar Experience	53.8%	75.0%	47.4%	69.0%	63.0%
	3 Not Sure	Count	3	2	4	1	10
		% within solarxp Amount of Solar Experience	23.1%	10.0%	21.1%	3.4%	12.3%
Total		Count	13	20	19	29	81
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	7.098[a]	6	0.312
Likelihood Ratio	7.537	6	0.274
Linear-by-Linear Association	1.872	1	0.171
N of Valid Cases	81		

a. 7 cells (58.3%) have expected count less than 5. The minimum expected count is 1.60.

Q4.11_7 Solar facility regulations around - Pollinator-friendly species * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q4.11_7 Solar facility regulations around - Pollinator-friendly species	1 Yes	Count	3	6	10	11	30
		% within solarxp Amount of Solar Experience	23.1%	30.0%	52.6%	39.3%	37.5%
	2 No	Count	4	13	6	14	37
		% within solarxp Amount of Solar Experience	30.8%	65.0%	31.6%	50.0%	46.3%
	3 Not Sure	Count	6	1	3	3	13
		% within solarxp Amount of Solar Experience	46.2%	5.0%	15.8%	10.7%	16.3%
Total		Count	13	20	19	28	80
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.610[a]	6	0.024
Likelihood Ratio	12.902	6	0.045
Linear-by-Linear Association	3.438	1	0.064
N of Valid Cases	80		

a. 5 cells (41.7%) have expected count less than 5. The minimum expected count is 2.11.

Q4.11_8 Solar facility regulations around- Scenic rivers * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q4.11_8 Solar facility regulations around- Scenic rivers	1 Yes	Count	2	5	6	14	27
		% within solarxp Amount of Solar Experience	16.7%	25.0%	31.6%	48.3%	33.8%
	2 No	Count	6	13	10	13	42
		% within solarxp Amount of Solar Experience	50.0%	65.0%	52.6%	44.8%	52.5%
	3 Not Sure	Count	4	2	3	2	11
		% within solarxp Amount of Solar Experience	33.3%	10.0%	15.8%	6.9%	13.8%
Total		Count	12	20	19	29	80
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.865[a]	6	0.181
Likelihood Ratio	8.191	6	0.224
Linear-by-Linear Association	6.170	1	0.013
N of Valid Cases	80		

a. 5 cells (41.7%) have expected count less than 5. The minimum expected count is 1.65.

Q4.11_9 Solar facility regulations around - State Wildlife Action Plan * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q4.11_9 Solar facility regulations around - State Wildlife Action Plan	1 Yes	Count	1	1	4	5	11
		% within solarxp Amount of Solar Experience	7.7%	5.0%	21.1%	17.2%	13.6%
	2 No	Count	5	13	11	19	48
		% within solarxp Amount of Solar Experience	38.5%	65.0%	57.9%	65.5%	59.3%
	3 Not Sure	Count	7	6	4	5	22
		% within solarxp Amount of Solar Experience	53.8%	30.0%	21.1%	17.2%	27.2%
Total		Count	13	20	19	29	81
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.521[a]	6	0.202
Likelihood Ratio	8.335	6	0.215
Linear-by-Linear Association	5.625	1	0.018
N of Valid Cases	81		

a. 5 cells (41.7%) have expected count less than 5. The minimum expected count is 1.77.

Q4.12_1 Regulations enable - Pollinator-friendly planting * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q4.12_1 Regulations enable - Pollinator-friendly planting	1 Not allowed	Count	1	0	0	0	1
		% within solarxp Amount of Solar Experience	7.7%	0.0%	0.0%	0.0%	1.2%
	2 Allowed, but not recommended or required	Count	1	6	2	9	18
		% within solarxp Amount of Solar Experience	7.7%	30.0%	10.5%	31.0%	22.2%
	3 Recommended, but not required	Count	1	1	5	7	14
		% within solarxp Amount of Solar Experience	7.7%	5.0%	26.3%	24.1%	17.3%
	7 Required to be satisfied	Count	2	2	6	7	17
		% within solarxp Amount of Solar Experience	15.4%	10.0%	31.6%	24.1%	21.0%
	10 Silent, No Position	Count	8	11	6	6	31
		% within solarxp Amount of Solar Experience	61.5%	55.0%	31.6%	20.7%	38.3%
Total		Count	13	20	19	29	81
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	21.680[a]	12	0.041
Likelihood Ratio	21.484	12	0.044
Linear-by-Linear Association	6.180	1	0.013
N of Valid Cases	81		

a. 14 cells (70.0%) have expected count less than 5. The minimum expected count is .16.

Q4.12_2 Regulations enable - Vegetative ground cover (native or otherwise) * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q4.12_2 Regulations enable - Vegetative ground cover (native or otherwise)	1 Not allowed	Count	1	0	0	0	1
		% within solarxp Amount of Solar Experience	7.7%	0.0%	0.0%	0.0%	1.2%
	2 Allowed, but not recommended or required	Count	1	3	0	3	7
		% within solarxp Amount of Solar Experience	7.7%	15.0%	0.0%	10.3%	8.6%
	3 Recommended, but not required	Count	1	1	2	3	7
		% within solarxp Amount of Solar Experience	7.7%	5.0%	10.5%	10.3%	8.6%
	7 Required to be satisfied	Count	3	8	14	17	42
		% within solarxp Amount of Solar Experience	23.1%	40.0%	73.7%	58.6%	51.9%
	10 Silent, No Position	Count	7	8	3	6	24
		% within solarxp Amount of Solar Experience	53.8%	40.0%	15.8%	20.7%	29.6%
Total		Count	13	20	19	29	81
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	18.345[a]	12	0.106
Likelihood Ratio	18.434	12	0.103
Linear-by-Linear Association	0.981	1	0.322
N of Valid Cases	81		

a. 13 cells (65.0%) have expected count less than 5. The minimum expected count is .16.

Q4.12_3 Regulations enable - Animal grazing as a means of ground maintenance * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q4.12_3 Regulations enable - Animal grazing as a means of ground maintenance	1 Not allowed	Count	1	0	0	1	2
		% within solarxp Amount of Solar Experience	7.7%	0.0%	0.0%	3.4%	2.5%
	2 Allowed, but not recommended or required	Count	3	3	7	9	22
		% within solarxp Amount of Solar Experience	23.1%	15.0%	36.8%	31.0%	27.2%
	3 Recommended, but not required	Count	2	3	2	4	11
		% within solarxp Amount of Solar Experience	15.4%	15.0%	10.5%	13.8%	13.6%
	7 Required to be satisfied	Count	0	0	2	1	3
		% within solarxp Amount of Solar Experience	0.0%	0.0%	10.5%	3.4%	3.7%
	10 Silent, No Position	Count	7	14	8	14	43
		% within solarxp Amount of Solar Experience	53.8%	70.0%	42.1%	48.3%	53.1%
Total		Count	13	20	19	29	81
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	9.941[a]	12	0.621
Likelihood Ratio	10.881	12	0.539
Linear-by-Linear Association	0.709	1	0.400
N of Valid Cases	81		

a. 13 cells (65.0%) have expected count less than 5. The minimum expected count is .32.

Q4.12_4 Regulations enable - Apiary/Beekeeping * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q4.12_4 Regulations enable - Apiary/Beekeeping	1 Not allowed	Count	1	0	0	1	2
		% within solarxp Amount of Solar Experience	7.7%	0.0%	0.0%	3.4%	2.5%
	2 Allowed, but not recommended or required	Count	3	3	7	11	24
		% within solarxp Amount of Solar Experience	23.1%	15.0%	36.8%	37.9%	29.6%
	3 Recommended, but not required	Count	2	1	0	3	6
		% within solarxp Amount of Solar Experience	15.4%	5.0%	0.0%	10.3%	7.4%
	7 Required to be satisfied	Count	0	0	2	1	3
		% within solarxp Amount of Solar Experience	0.0%	0.0%	10.5%	3.4%	3.7%
	10 Silent, No Position	Count	7	16	10	13	46
		% within solarxp Amount of Solar Experience	53.8%	80.0%	52.6%	44.8%	56.8%
Total		Count	13	20	19	29	81
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.492[a]	12	0.270
Likelihood Ratio	16.567	12	0.167
Linear-by-Linear Association	1.797	1	0.180
N of Valid Cases	81		

a. 13 cells (65.0%) have expected count less than 5. The minimum expected count is .32.

Q4.12_5 Regulations enable - Dual-use of agriculture and solar photovoltaics (agrivoltaics) * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q4.12_5 Regulations enable - Dual-use of agriculture and solar photovoltaics (agrivoltaics)	1 Not allowed	Count	1	0	0	1	2
		% within solarxp Amount of Solar Experience	7.7%	0.0%	0.0%	3.4%	2.5%
	2 Allowed, but not recommended or required	Count	2	2	8	10	22
		% within solarxp Amount of Solar Experience	15.4%	10.0%	42.1%	34.5%	27.2%
	3 Recommended, but not required	Count	2	1	1	2	6
		% within solarxp Amount of Solar Experience	15.4%	5.0%	5.3%	6.9%	7.4%
	7 Required to be satisfied	Count	0	1	2	1	4
		% within solarxp Amount of Solar Experience	0.0%	5.0%	10.5%	3.4%	4.9%
	10 Silent, No Position	Count	8	16	8	15	47
		% within solarxp Amount of Solar Experience	61.5%	80.0%	42.1%	51.7%	58.0%
Total		Count	13	20	19	29	81
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	13.575[a]	12	0.329
Likelihood Ratio	14.599	12	0.264
Linear-by-Linear Association	2.103	1	0.147
N of Valid Cases	81		

a. 13 cells (65.0%) have expected count less than 5. The minimum expected count is .32.

Q4.12_6 Regulations enable - Soil health management * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q4.12_6 Regulations enable - Soil health management	1 Not allowed	Count	1	0	0	0	1
		% within solarxp Amount of Solar Experience	7.7%	0.0%	0.0%	0.0%	1.2%
	2 Allowed, but not recommended or required	Count	2	3	3	5	13
		% within solarxp Amount of Solar Experience	15.4%	15.0%	15.8%	17.2%	16.0%
	3 Recommended, but not required	Count	1	1	3	6	11
		% within solarxp Amount of Solar Experience	7.7%	5.0%	15.8%	20.7%	13.6%
	7 Required to be satisfied	Count	0	0	7	9	16
		% within solarxp Amount of Solar Experience	0.0%	0.0%	36.8%	31.0%	19.8%
	10 Silent, No Position	Count	9	16	6	9	40
		% within solarxp Amount of Solar Experience	69.2%	80.0%	31.6%	31.0%	49.4%
Total		Count	13	20	19	29	81
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	27.064[a]	12	0.008
Likelihood Ratio	31.175	12	0.002
Linear-by-Linear Association	3.745	1	0.053
N of Valid Cases	81		

a. 15 cells (75.0%) have expected count less than 5. The minimum expected count is .16.

Q5.1_1 Comprehensive plan references - Sustainability goals * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q5.1_1 Comprehensive plan references - Sustainability goals	1 Yes, adopted	Count	11	10	15	11	47
		% within solarxp Amount of Solar Experience	37.9%	40.0%	62.5%	35.5%	43.1%
	2 No, but we are in the process of updating to include	Count	3	4	1	6	14
		% within solarxp Amount of Solar Experience	10.3%	16.0%	4.2%	19.4%	12.8%
	3 No, but we are contemplating adding it in next revision cycle	Count	4	0	4	7	15
		% within solarxp Amount of Solar Experience	13.8%	0.0%	16.7%	22.6%	13.8%
	4 No, no current plans to include	Count	6	7	3	6	22
		% within solarxp Amount of Solar Experience	20.7%	28.0%	12.5%	19.4%	20.2%
	8 Not Sure	Count	5	4	1	1	11
		% within solarxp Amount of Solar Experience	17.2%	16.0%	4.2%	3.2%	10.1%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	16.942[a]	12	0.152
Likelihood Ratio	20.633	12	0.056
Linear-by-Linear Association	3.277	1	0.070
N of Valid Cases	109		

a. 13 cells (65.0%) have expected count less than 5. The minimum expected count is 2.42.

Q5.1_2 Comprehensive plan references - Renewable/Clean Energy * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q5.1_2 Comprehensive plan references - Renewable/Clean Energy	1 Yes, adopted	Count	5	3	14	8	30
		% within solarxp Amount of Solar Experience	17.2%	12.0%	58.3%	25.8%	27.5%
	2 No, but we are in the process of updating to include	Count	4	3	1	6	14
		% within solarxp Amount of Solar Experience	13.8%	12.0%	4.2%	19.4%	12.8%
	3 No, but we are contemplating adding it in next revision cycle	Count	6	4	6	8	24
		% within solarxp Amount of Solar Experience	20.7%	16.0%	25.0%	25.8%	22.0%
	4 No, no current plans to include	Count	9	12	3	7	31
		% within solarxp Amount of Solar Experience	31.0%	48.0%	12.5%	22.6%	28.4%
	8 Not Sure	Count	5	3	0	2	10
		% within solarxp Amount of Solar Experience	17.2%	12.0%	0.0%	6.5%	9.2%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	25.488[a]	12	0.013
Likelihood Ratio	26.421	12	0.009
Linear-by-Linear Association	6.300	1	0.012
N of Valid Cases	109		

a. 8 cells (40.0%) have expected count less than 5. The minimum expected count is 2.20.

EXPERIENCE WITH SOLAR

COMPREHENSIVE PLAN

Q5.1_3 Comprehensive plan references - Greenhouse gas emissions, carbon reduction strategies * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q5.1_3 Comprehensive plan references - Greenhouse gas emissions, carbon reduction strategies	1 Yes, adopted	Count	2	4	8	5	19
		% within solarxp Amount of Solar Experience	6.9%	16.0%	33.3%	16.1%	17.4%
	2 No, but we are in the process of updating to include	Count	2	0	1	5	8
		% within solarxp Amount of Solar Experience	6.9%	0.0%	4.2%	16.1%	7.3%
	3 No, but we are contemplating adding it in next revision cycle	Count	5	4	3	5	17
		% within solarxp Amount of Solar Experience	17.2%	16.0%	12.5%	16.1%	15.6%
	4 No, no current plans to include	Count	14	15	10	13	52
		% within solarxp Amount of Solar Experience	48.3%	60.0%	41.7%	41.9%	47.7%
	8 Not Sure	Count	6	2	2	3	13
		% within solarxp Amount of Solar Experience	20.7%	8.0%	8.3%	9.7%	11.9%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.804[a]	12	0.252
Likelihood Ratio	15.386	12	0.221
Linear-by-Linear Association	3.764	1	0.052
N of Valid Cases	109		

a. 14 cells (70.0%) have expected count less than 5. The minimum expected count is 1.76.

Q5.1_4 Comprehensive plan references - Community disaster preparedness and energy resiliency * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q5.1_4 Comprehensive plan references - Community disaster preparedness and energy resiliency	1 Yes, adopted	Count	5	3	7	5	20
		% within solarxp Amount of Solar Experience	17.2%	12.0%	29.2%	16.1%	18.3%
	2 No, but we are in the process of updating to include	Count	2	3	1	8	14
		% within solarxp Amount of Solar Experience	6.9%	12.0%	4.2%	25.8%	12.8%
	3 No, but we are contemplating adding it in next revision cycle	Count	6	4	4	8	22
		% within solarxp Amount of Solar Experience	20.7%	16.0%	16.7%	25.8%	20.2%
	4 No, no current plans to include	Count	8	11	10	5	34
		% within solarxp Amount of Solar Experience	27.6%	44.0%	41.7%	16.1%	31.2%
	8 Not Sure	Count	8	4	2	5	19
		% within solarxp Amount of Solar Experience	27.6%	16.0%	8.3%	16.1%	17.4%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	16.760[a]	12	0.159
Likelihood Ratio	16.614	12	0.165
Linear-by-Linear Association	2.843	1	0.092
N of Valid Cases	109		

a. 9 cells (45.0%) have expected count less than 5. The minimum expected count is 3.08.

Q5.2 Comprehensive plan prioritizes general areas for solar generation * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q5.2 Comprehensive plan prioritizes general areas for solar generation	1 Yes	Count	1	2	8	7	18
		% within solarxp Amount of Solar Experience	3.4%	8.0%	33.3%	22.6%	16.5%
	2 No	Count	26	20	11	19	76
		% within solarxp Amount of Solar Experience	89.7%	80.0%	45.8%	61.3%	69.7%
	4 Other (Please explain)	Count	2	3	5	5	15
		% within solarxp Amount of Solar Experience	6.9%	12.0%	20.8%	16.1%	13.8%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	15.257[a]	6	0.018
Likelihood Ratio	16.179	6	0.013
Linear-by-Linear Association	0.016	1	0.901
N of Valid Cases	109		

a. 7 cells (58.3%) have expected count less than 5. The minimum expected count is 3.30.

Q5.3_1-5.3_6*$land*solarxp Crosstabulation

			solarxp Amount of Solar Experience			Total
			1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
$land Identified Land characteristics.a	Q5.3_1 Identified land characteristics-Previously-disturbed land, brownfields, coal-impacted lands including Abandoned Mine Lands	Count	1	3	3	7
		% within solarxp	50.0%	37.5%	42.9%	
	Q5.3_2 Identified land characteristics-Industrial land	Count	1	3	2	6
		% within solarxp	50.0%	37.5%	28.6%	
	Q5.3_3 Identified land characteristics-Agricultural land	Count	0	7	3	10
		% within solarxp	0.0%	87.5%	42.9%	
	Q5.3_4 Identified land characteristics-Land adjacent or within a certain proximity to existing electric infrastructure/grid	Count	2	3	4	9
		% within solarxp	100.0%	37.5%	57.1%	
	Q5.3_5 Identified land characteristics-Commercial timber land	Count	0	2	0	2
		% within solarxp	0.0%	25.0%	0.0%	
	Q5.3_6 Identified land characteristics-Other	Count	0	1	1	2
		% within solarxp	0.0%	12.5%	14.3%	
Total		Count	2	8	7	17

Percentages and totals are based on respondents.
a. Dichotomy group tabulated at value 1.

EXPERIENCE WITH SOLAR

ZONING

Q6.1 Has a zoning ordinance * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q6.1 Has a zoning ordinance	1 Yes	Count	23	24	24	29	100
		% within solarxp Amount of Solar Experience	79.3%	96.0%	100.0%	93.5%	91.7%
	2 No	Count	6	1	0	2	9
		% within solarxp Amount of Solar Experience	20.7%	4.0%	0.0%	6.5%	8.3%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.809[a]	3	0.032
Likelihood Ratio	9.332	3	0.025
Linear-by-Linear Association	3.997	1	0.046
N of Valid Cases	109		

a. 4 cells (50.0%) have expected count less than 5. The minimum expected count is 1.98.

Q6.2 Provides clear regulatory pathway for approval of distributed generation solar projects * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q6.2 Provides clear regulatory pathway for approval of distributed generation solar projects	1 Yes	Count	6	11	13	18	48
		% within solarxp Amount of Solar Experience	26.1%	45.8%	54.2%	62.1%	48.0%
	2 No	Count	15	10	7	6	38
		% within solarxp Amount of Solar Experience	65.2%	41.7%	29.2%	20.7%	38.0%
	3 Not Sure	Count	2	3	4	5	14
		% within solarxp Amount of Solar Experience	8.7%	12.5%	16.7%	17.2%	14.0%
Total		Count	23	24	24	29	100
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	11.899[a]	6	0.064
Likelihood Ratio	12.002	6	0.062
Linear-by-Linear Association	1.832	1	0.176
N of Valid Cases	100		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is 3.22.

Q6.3 Regulatory pathway is an admin process * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q6.3 Regulatory pathway is an admin process	1 Yes	Count	2	6	5	6	19
		% within solarxp Amount of Solar Experience	33.3%	54.5%	38.5%	33.3%	39.6%
	2 No	Count	2	4	6	11	23
		% within solarxp Amount of Solar Experience	33.3%	36.4%	46.2%	61.1%	47.9%
	3 Not Sure	Count	0	1	0	0	1
		% within solarxp Amount of Solar Experience	0.0%	9.1%	0.0%	0.0%	2.1%
	4 Other (Please explain)	Count	2	0	2	1	5
		% within solarxp Amount of Solar Experience	33.3%	0.0%	15.4%	5.6%	10.4%
Total		Count	6	11	13	18	48
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	10.349[a]	9	0.323
Likelihood Ratio	9.955	9	0.354
Linear-by-Linear Association	0.340	1	0.560
N of Valid Cases	48		

a. 11 cells (68.8%) have expected count less than 5. The minimum expected count is .13.

EXPERIENCE WITH SOLAR

ZONING

Q6.4 Provides clear regulatory pathway for approval of utility scale solar projects * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q6.4 Provides clear regulatory pathway for approval of utility scale solar projects	1 Yes	Count	6	13	17	20	56
		% within solarxp Amount of Solar Experience	26.1%	54.2%	70.8%	69.0%	56.0%
	2 No	Count	9	7	4	3	23
		% within solarxp Amount of Solar Experience	39.1%	29.2%	16.7%	10.3%	23.0%
	3 Not sure	Count	1	1	1	4	7
		% within solarxp Amount of Solar Experience	4.3%	4.2%	4.2%	13.8%	7.0%
	5 Not applicable because our locality is too small or developed to accomodate any utility scale solar projects	Count	7	3	2	2	14
		% within solarxp Amount of Solar Experience	30.4%	12.5%	8.3%	6.9%	14.0%
Total		Count	23	24	24	29	100
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	19.705[a]	9	0.020
Likelihood Ratio	19.490	9	0.021
Linear-by-Linear Association	7.182	1	0.007
N of Valid Cases	100		

EXPERIENCE WITH SOLAR

ZONING

Q6.5_1-6.5_5*$path*solarxp Crosstabulation

			solarxp Amount of Solar Experience			Total
			1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
$path Regulatory pathway.a	Q6.5_2 Regulatory pathway for utility scale solar projec-With a conditional use permit, special use permit, special exception permit	Count	12	16	20	48
		% within solarxp	92.3%	94.1%	100.0%	
	Q6.5_1 Regulatory pathway for utility scale solar project-By-right in certain districts	Count	1	3	4	8
		% within solarxp	7.7%	17.6%	20.0%	
	Q6.5_3 Regulatory pathway for utility scale solar project-In an overlay district	Count	0	1	0	1
		% within solarxp	0.0%	5.9%	0.0%	
	Q6.5_4 Regulatory pathway for utility scale solar project-In a floating district	Count	1	1	0	2
		% within solarxp	7.7%	5.9%	0.0%	
	Q6.5_5 Regulatory pathway for utility scale solar project-Other	Count	1	0	1	2
		% within solarxp	7.7%	0.0%	5.0%	
Total		Count	13	17	20	50

Percentages and totals are based on respondents.
a. Dichotomy group tabulated at value 1.

Q6.9_1, 6.9_2, 6.9_4*$additions*solarxp Crosstabulation

			solarxp Amount of Solar Experience		Total
			1.00 Little Experience	3.00 Much Experience	
$additions Regulatory pathway additions.a	Q6.9_1 Regulatory pathway additions- By-right in certain districts	Count	1	0	1
		% within solarxp	25.0%	0.0%	
	Q6.9_2 Regulatory pathway additions- With a conditional use permit/special use permit/special exception in specific districts	Count	4	1	5
		% within solarxp	100.0%	100.0%	
	Q6.9_4 Regulatory pathway additions- In an overlay district	Count	1	0	1
		% within solarxp	25.0%	0.0%	
Total		Count	4	1	5

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

EXPERIENCE WITH SOLAR

ZONING

Q6.10 Adopted a solar ordinance * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q6.10 Adopted a solar ordinance	1 Yes	Count	5	9	13	18	45
		% within solarxp Amount of Solar Experience	17.2%	36.0%	54.2%	58.1%	41.3%
	2 We are in the process of adopting a solar ordinance	Count	1	3	2	4	10
		% within solarxp Amount of Solar Experience	3.4%	12.0%	8.3%	12.9%	9.2%
	3 No	Count	20	10	7	6	43
		% within solarxp Amount of Solar Experience	69.0%	40.0%	29.2%	19.4%	39.4%
	4 Not sure	Count	1	0	0	0	1
		% within solarxp Amount of Solar Experience	3.4%	0.0%	0.0%	0.0%	0.9%
	6 Other (Please explain)	Count	2	3	2	3	10
		% within solarxp Amount of Solar Experience	6.9%	12.0%	8.3%	9.7%	9.2%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	22.441[a]	12	0.033
Likelihood Ratio	23.041	12	0.027
Linear-by-Linear Association	5.963	1	0.015
N of Valid Cases	109		

a. 12 cells (60.0%) have expected count less than 5. The minimum expected count is .22.

EXPERIENCE WITH SOLAR

ZONING

Q6.11_1-6.11_7*$address*solarxp Crosstabulation

			solarxp Amount of Solar Experience			Total
			1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
$address Solar ordinance applications.a	Q6.11_2 Solar ordinance addresses-Residential	Count	7	9	14	30
		% within solarxp	58.3%	60.0%	63.6%	
	Q6.11_1 Solar ordinance addresses-Commercial, Institutional	Count	6	7	15	28
		% within solarxp	50.0%	46.7%	68.2%	
	Q6.11_6 Solar ordinance addresses-Agricultural generators	Count	4	6	5	15
		% within solarxp	33.3%	40.0%	22.7%	
	Q6.11_3 Solar ordinance addresses-Shared or Community solar	Count	2	4	6	12
		% within solarxp	16.7%	26.7%	27.3%	
	Q6.11_4 Solar ordinance addresses-Utility scale solar	Count	9	14	22	45
		% within solarxp	75.0%	93.3%	100.0%	
	Q6.11_7 Solar ordinance addresses-Not sure	Count	1	0	0	1
		% within solarxp	8.3%	0.0%	0.0%	
	Q6.11_5 Solar ordinance addresses-Other	Count	0	1	1	2
		% within solarxp	0.0%	6.7%	4.5%	
Total		Count	12	15	22	49

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

Q6.12_1-6.12_9*$ord*solarxp Crosstabulation

			solarxp Amount of Solar Experience			Total
			1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
$ord Solar ordinance topics.a	Q6.12_1 Solar ordinance addresses-Provisions for generally accepted national standards for solar panels	Count	7	8	12	27
		% within solarxp	58.3%	53.3%	54.5%	
	Q6.12_2 Solar ordinance addresses-Provisions for generally accepted national standards for battery storage technologies for solar photovoltaic	Count	4	4	8	16
		% within solarxp	33.3%	26.7%	36.4%	
	Q6.12_3 Solar ordinance addresses-Property line setbacks	Count	11	15	21	47
		% within solarxp	91.7%	100.0%	95.5%	
	Q6.12_4 Solar ordinance addresses-Vegetated buffers or screening	Count	10	14	21	45
		% within solarxp	83.3%	93.3%	95.5%	
	Q6.12_5 Solar ordinance addresses-Erosion & sediment control	Count	10	14	18	42
		% within solarxp	83.3%	93.3%	81.8%	
	Q6.12_6 Solar ordinance addresses-Agricultural lands	Count	8	7	13	28
		% within solarxp	66.7%	46.7%	59.1%	
	Q6.12_7 Solar ordinance addresses-Decommissioning Plan requirements above and beyond state code requirements	Count	9	13	19	41
		% within solarxp	75.0%	86.7%	86.4%	
	Q6.12_9 Solar ordinance addresses-Agrivoltaics	Count	1	1	3	5
		% within solarxp	8.3%	6.7%	13.6%	
	Q6.12_8 Solar ordinance addresses-Other	Count	0	0	1	1
		% within solarxp	0.0%	0.0%	4.5%	
Total		Count	12	15	22	49

Percentages and totals are based on respondents.
a. Dichotomy group tabulated at value 1.

EXPERIENCE WITH SOLAR

ECONOMIC CONSIDERATIONS

Q7.1 Considered economic impacts * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q7.1 Considered economic impacts	1 Yes	Count	0	1	13	23	37
		% within solarxp Amount of Solar Experience	0.0%	4.0%	54.2%	74.2%	33.9%
	2 No	Count	22	19	9	5	55
		% within solarxp Amount of Solar Experience	75.9%	76.0%	37.5%	16.1%	50.5%
	3 Not sure	Count	7	5	2	3	17
		% within solarxp Amount of Solar Experience	24.1%	20.0%	8.3%	9.7%	15.6%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	52.289[a]	6	0.000
Likelihood Ratio	63.831	6	0.000
Linear-by-Linear Association	32.950	1	0.000
N of Valid Cases	109		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is 3.74.

Q7.2_1 Importance of direct economic impacts on approval decision * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q7.2_1 Importance of direct economic impacts on approval decision	2.00 Not at all important	Count	2	1	2	2	7
		% within solarxp Amount of Solar Experience	9.5%	5.9%	13.3%	7.7%	8.9%
	3.00 Slightly important	Count	4	4	3	4	15
		% within solarxp Amount of Solar Experience	19.0%	23.5%	20.0%	15.4%	19.0%
	4.00 Moderately important	Count	8	5	5	8	26
		% within solarxp Amount of Solar Experience	38.1%	29.4%	33.3%	30.8%	32.9%
	5.00 Very important	Count	7	7	5	12	31
		% within solarxp Amount of Solar Experience	33.3%	41.2%	33.3%	46.2%	39.2%
Total		Count	21	17	15	26	79
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	1.855[a]	9	0.994
Likelihood Ratio	1.828	9	0.994
Linear-by-Linear Association	0.317	1	0.573
N of Valid Cases	79		

a. 9 cells (56.3%) have expected count less than 5. The minimum expected count is 1.33.

Q7.3_1 Importance of indirect economic effects-Generation of local construction jobs * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q7.3_1 Importance of indirect economic effects-Generation of local construction jobs	2.00 Not at all important	Count	4	4	6	4	18
		% within solarxp Amount of Solar Experience	20.0%	22.2%	37.5%	15.4%	22.5%
	3.00 Slightly important	Count	7	3	5	10	25
		% within solarxp Amount of Solar Experience	35.0%	16.7%	31.3%	38.5%	31.3%
	4.00 Moderately important	Count	8	4	1	8	21
		% within solarxp Amount of Solar Experience	40.0%	22.2%	6.3%	30.8%	26.3%
	5.00 Very important	Count	1	7	4	4	16
		% within solarxp Amount of Solar Experience	5.0%	38.9%	25.0%	15.4%	20.0%
Total		Count	20	18	16	26	80
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.119[a]	9	0.118
Likelihood Ratio	15.316	9	0.083
Linear-by-Linear Association	0.000	1	1.000
N of Valid Cases	80		

a. 8 cells (50.0%) have expected count less than 5. The minimum expected count is 3.20.

Q7.3_2 Importance of indirect economic effects-Increased revenue and demand for local businesses and services during construction and decommissioning * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q7.3_2 Importance of indirect economic effects-Increased revenue and demand for local businesses and services during construction and decommissioning	2.00 Not at all important	Count	5	4	6	3	18
		% within solarxp Amount of Solar Experience	23.8%	22.2%	37.5%	13.0%	23.1%
	3.00 Slightly important	Count	5	4	4	11	24
		% within solarxp Amount of Solar Experience	23.8%	22.2%	25.0%	47.8%	30.8%
	4.00 Moderately important	Count	10	4	4	6	24
		% within solarxp Amount of Solar Experience	47.6%	22.2%	25.0%	26.1%	30.8%
	5.00 Very important	Count	1	6	2	3	12
		% within solarxp Amount of Solar Experience	4.8%	33.3%	12.5%	13.0%	15.4%
Total		Count	21	18	16	23	78
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	13.742[a]	9	0.132
Likelihood Ratio	12.889	9	0.168
Linear-by-Linear Association	0.070	1	0.791
N of Valid Cases	78		

a. 9 cells (56.3%) have expected count less than 5. The minimum expected count is 2.46.

Q7.3_3 Importance of indirect economic effects-Increased revenue and demand for local businesses and services * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q7.3_3 Importance of indirect economic effects-Increased revenue and demand for local businesses and services	2.00 Not at all important	Count	2	5	5	4	16
		% within solarxp Amount of Solar Experience	10.0%	27.8%	33.3%	17.4%	21.1%
	3.00 Slightly important	Count	8	3	3	11	25
		% within solarxp Amount of Solar Experience	40.0%	16.7%	20.0%	47.8%	32.9%
	4.00 Moderately important	Count	8	2	4	5	19
		% within solarxp Amount of Solar Experience	40.0%	11.1%	26.7%	21.7%	25.0%
	5.00 Very important	Count	2	8	3	3	16
		% within solarxp Amount of Solar Experience	10.0%	44.4%	20.0%	13.0%	21.1%
Total		Count	20	18	15	23	76
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	16.684[a]	9	0.054
Likelihood Ratio	16.352	9	0.060
Linear-by-Linear Association	0.842	1	0.359
N of Valid Cases	76		

a. 11 cells (68.8%) have expected count less than 5. The minimum expected count is 3.16.

Q7.3_4 Importance of indirect economic effects-Financial benefits to the property owner leasing their land to the solar developer * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q7.3_4 Importance of indirect economic effects-Financial benefits to the property owner leasing their land to the solar developer	2.00 Not at all important	Count	6	6	6	8	26
		% within solarxp Amount of Solar Experience	30.0%	37.5%	40.0%	33.3%	34.7%
	3.00 Slightly important	Count	8	6	5	10	29
		% within solarxp Amount of Solar Experience	40.0%	37.5%	33.3%	41.7%	38.7%
	4.00 Moderately important	Count	4	1	1	4	10
		% within solarxp Amount of Solar Experience	20.0%	6.3%	6.7%	16.7%	13.3%
	5.00 Very important	Count	2	3	3	2	10
		% within solarxp Amount of Solar Experience	10.0%	18.8%	20.0%	8.3%	13.3%
Total		Count	20	16	15	24	75
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	3.917[a]	9	0.917
Likelihood Ratio	4.057	9	0.908
Linear-by-Linear Association	0.100	1	0.752
N of Valid Cases	75		

a. 8 cells (50.0%) have expected count less than 5. The minimum expected count is 2.00.

Q7.4_1 Familiarity with changes to (M&T) tax exemption for solar projects /Familiarity with tax model options * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q7.4_1 Familiarity with changes to (M&T) tax exemption for solar projects /Familiarity with tax model options	1.00 Not at all	Count	19	10	8	4	41
		% within solarxp Amount of Solar Experience	73.1%	41.7%	33.3%	13.3%	39.4%
	2.00 Slightly familiar	Count	5	7	8	9	29
		% within solarxp Amount of Solar Experience	19.2%	29.2%	33.3%	30.0%	27.9%
	3.00 Moderately familiar	Count	2	5	5	9	21
		% within solarxp Amount of Solar Experience	7.7%	20.8%	20.8%	30.0%	20.2%
	4.00 Very familiar	Count	0	2	3	8	13
		% within solarxp Amount of Solar Experience	0.0%	8.3%	12.5%	26.7%	12.5%
Total		Count	26	24	24	30	104
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	25.773[a]	9	0.002
Likelihood Ratio	28.679	9	0.001
Linear-by-Linear Association	22.649	1	0.000
N of Valid Cases	104		

a. 6 cells (37.5%) have expected count less than 5. The minimum expected count is 3.00.

Q7.5 Evaluated the potential economic impacts of adopting a revenue share assessment ordinance * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q7.5 Evaluated the potential economic impacts of adopting a revenue share assessment ordinance	1 Yes	Count	1	3	7	18	29
		% within solarxp Amount of Solar Experience	3.4%	12.0%	29.2%	58.1%	26.6%
	2 No	Count	17	16	11	9	53
		% within solarxp Amount of Solar Experience	58.6%	64.0%	45.8%	29.0%	48.6%
	3 Not sure	Count	11	6	6	4	27
		% within solarxp Amount of Solar Experience	37.9%	24.0%	25.0%	12.9%	24.8%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	27.534[a]	6	0.000
Likelihood Ratio	28.974	6	0.000
Linear-by-Linear Association	18.887	1	0.000
N of Valid Cases	109		

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 5.94.

Q7.6 Used SolTax * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q7.6 Used SolTax	1 Yes	Count	0	2	6	7	15
		% within solarxp Amount of Solar Experience	0.0%	8.0%	25.0%	22.6%	13.8%
	2 No	Count	18	17	11	17	63
		% within solarxp Amount of Solar Experience	62.1%	68.0%	45.8%	54.8%	57.8%
	5 Not sure	Count	11	6	7	7	31
		% within solarxp Amount of Solar Experience	37.9%	24.0%	29.2%	22.6%	28.4%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	11.202[a]	6	0.082
Likelihood Ratio	14.552	6	0.024
Linear-by-Linear Association	2.920	1	0.087
N of Valid Cases	109		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is 3.30.

Q7.7 Adopted a revenue share ordinance * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q7.7 Adopted a revenue share ordinance	1 Yes, adopted	Count	0	0	1	6	7
		% within solarxp Amount of Solar Experience	0.0%	0.0%	4.2%	19.4%	6.4%
	2 Yes, in the process of adopting	Count	1	2	4	2	9
		% within solarxp Amount of Solar Experience	3.4%	8.0%	16.7%	6.5%	8.3%
	3 No	Count	18	18	12	17	65
		% within solarxp Amount of Solar Experience	62.1%	72.0%	50.0%	54.8%	59.6%
	4 Not sure	Count	10	5	7	6	28
		% within solarxp Amount of Solar Experience	34.5%	20.0%	29.2%	19.4%	25.7%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	17.672[a]	9	0.039
Likelihood Ratio	18.047	9	0.035
Linear-by-Linear Association	8.024	1	0.005
N of Valid Cases	109		

a. 8 cells (50.0%) have expected count less than 5. The minimum expected count is 1.54.

Q7.8 Extent considering establishing a green bank * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q7.8 Extent considering establishing a green bank	1 Not at all: we did not know about the authorizing legislation and/or are unfamiliar with what a green bank is.	Count	10	12	8	8	38
		% within solarxp Amount of Solar Experience	34.5%	48.0%	33.3%	25.8%	34.9%
	2 Not actively: we are aware of green banks and the authorizing legislation, but we are not actively pursuing establishing one.	Count	4	3	6	9	22
		% within solarxp Amount of Solar Experience	13.8%	12.0%	25.0%	29.0%	20.2%
	3 Actively: we have had/are having discussions about potentially establishing a green bank.	Count	1	0	0	1	2
		% within solarxp Amount of Solar Experience	3.4%	0.0%	0.0%	3.2%	1.8%
	4 Not sure if this is being considered at this time.	Count	14	10	10	13	47
		% within solarxp Amount of Solar Experience	48.3%	40.0%	41.7%	41.9%	43.1%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	6.773[a]	9	0.661
Likelihood Ratio	7.515	9	0.584
Linear-by-Linear Association	0.002	1	0.967
N of Valid Cases	109		

a. 5 cells (31.3%) have expected count less than 5. The minimum expected count is .44.

EXPERIENCE WITH SOLAR

ENERGY STORAGE

Q8.1 Have policies or codes that address large energy storage * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q8.1 Have policies or codes that address large energy storage	1 Yes	Count	1	4	7	8	20
		% within solarxp Amount of Solar Experience	3.4%	16.0%	29.2%	25.8%	18.3%
	2 No	Count	19	17	14	18	68
		% within solarxp Amount of Solar Experience	65.5%	68.0%	58.3%	58.1%	62.4%
	3 Not sure	Count	9	4	3	5	21
		% within solarxp Amount of Solar Experience	31.0%	16.0%	12.5%	16.1%	19.3%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	9.334[a]	6	0.156
Likelihood Ratio	10.556	6	0.103
Linear-by-Linear Association	6.141	1	0.013
N of Valid Cases	109		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is 4.40.

Q8.2 Require emergency preparedness plans for utility scale battery storage projects * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q8.2 Require emergency preparedness plans for utility scale battery storage projects	1 Yes	Count	0	1	3	6	10
		% within solarxp Amount of Solar Experience	0.0%	25.0%	42.9%	75.0%	50.0%
	2 No	Count	1	3	4	2	10
		% within solarxp Amount of Solar Experience	100.0%	75.0%	57.1%	25.0%	50.0%
Total		Count	1	4	7	8	20
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.143[a]	3	0.246
Likelihood Ratio	4.669	3	0.198
Linear-by-Linear Association	3.848	1	0.050
N of Valid Cases	20		

a. 8 cells (100.0%) have expected count less than 5. The minimum expected count is .50.

EXPERIENCE WITH SOLAR

ENERGY STORAGE

Q8.3 Have any actively permitted large or utility scale energy storage projects * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q8.3 Have any actively permitted large or utility scale energy storage projects	1 Yes	Count	0	0	1	6	7
		% within solarxp Amount of Solar Experience	0.0%	0.0%	4.2%	19.4%	6.4%
	2 No	Count	27	22	21	25	95
		% within solarxp Amount of Solar Experience	93.1%	88.0%	87.5%	80.6%	87.2%
	3 Not sure	Count	2	3	2	0	7
		% within solarxp Amount of Solar Experience	6.9%	12.0%	8.3%	0.0%	6.4%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	15.351[a]	6	0.018
Likelihood Ratio	17.724	6	0.007
Linear-by-Linear Association	8.857	1	0.003
N of Valid Cases	109		

a. 8 cells (66.7%) have expected count less than 5. The minimum expected count is 1.54.

Q8.4_4, 8.4_8, 8.4_9*$active*solarxp Crosstabulation

			solarxp Amount of Solar Experience		Total
			2.00 Moderate Experience	3.00 Much Experience	
$active Active large scale energy storage projects.a	Q8.4_4 Active Large scale energy project type- Lithium Ion Batteries	Count	1	4	5
		% within solarxp	100.0%	66.7%	
	Q8.4_9 ActiveLarge scale energy project type- Not sure	Count	0	2	2
		% within solarxp	0.0%	33.3%	
	Q8.4_8 Active Large scale energy project type- Other	Count	0	1	1
		% within solarxp	0.0%	16.7%	
Total		Count	1	6	7

Percentages and totals are based on respondents.
a. Dichotomy group tabulated at value 1.

EXPERIENCE WITH SOLAR

ENERGY STORAGE

Q8.5 Large or utility scale energy storage projects proposed or planned * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q8.5 Large or utility scale energy storage projects proposed or planned	1 Yes	Count	0	5	4	19	28
		% within solarxp Amount of Solar Experience	0.0%	20.0%	16.7%	61.3%	25.7%
	2 No	Count	23	14	15	12	64
		% within solarxp Amount of Solar Experience	79.3%	56.0%	62.5%	38.7%	58.7%
	3 Not sure	Count	6	6	5	0	17
		% within solarxp Amount of Solar Experience	20.7%	24.0%	20.8%	0.0%	15.6%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	34.990[a]	6	0.000
Likelihood Ratio	42.919	6	0.000
Linear-by-Linear Association	23.194	1	0.000
N of Valid Cases	109		

a. 4 cells (33.3%) have expected count less than 5. The minimum expected count is 3.74.

EXPERIENCE WITH SOLAR

ENERGY STORAGE

Q8.6 Are the proposed project(s) standalone energy storage or tied in with a solar project * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience			Total
			1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q8.6 Are the proposed project(s) standalone energy storage or tied in with a solar project	1 Standalone energy storage	Count	2	4	8	14
		% within solarxp Amount of Solar Experience	40.0%	100.0%	42.1%	50.0%
	2 Solar + storage	Count	2	0	5	7
		% within solarxp Amount of Solar Experience	40.0%	0.0%	26.3%	25.0%
	3 Not Sure	Count	1	0	3	4
		% within solarxp Amount of Solar Experience	20.0%	0.0%	15.8%	14.3%
	4 Other (Please describe)	Count	0	0	3	3
		% within solarxp Amount of Solar Experience	0.0%	0.0%	15.8%	10.7%
Total		Count	5	4	19	28
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	5.937[a]	6	0.430
Likelihood Ratio	7.896	6	0.246
Linear-by-Linear Association	0.864	1	0.353
N of Valid Cases	28		

a. 11 cells (91.7%) have expected count less than 5. The minimum expected count is .43.

Q8.7_4, 8.7_8, 8.7_9*$planned*solarxp Crosstabulation

			solarxp Amount of Solar Experience			Total
			1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
$planned Planned large scale energy storage projects.a	Q8.7_4 Planned energy storage project type- Lithium Ion Batteries	Count	0	1	11	12
		% within solarxp	0.0%	25.0%	57.9%	
	Q8.7_9 Planned energy storage project type- Not sure	Count	5	3	8	16
		% within solarxp	100.0%	75.0%	42.1%	
	Q8.7_8 Planned energy storage project type- Other	Count	0	0	1	1
		% within solarxp	0.0%	0.0%	5.3%	
Total		Count	5	4	19	28

Percentages and totals are based on respondents.

a. Dichotomy group tabulated at value 1.

EXPERIENCE WITH SOLAR

ENERGY STORAGE

Q8.8 Extent your locality considered solar + storage as a resiliency tool * solarxp Amount of Solar Experience Crosstabulation

			solarxp Amount of Solar Experience				Total
			.00 No Experience	1.00 Little Experience	2.00 Moderate Experience	3.00 Much Experience	
Q8.8 Extent your locality considered solar + storage as a resiliency tool	1 Our locality has not considered microgrids as a resiliency tool	Count	18	19	16	17	70
		% within solarxp Amount of Solar Experience	62.1%	76.0%	66.7%	54.8%	64.2%
	2 Our locality is considering policies to allow and/or promote microgrids as a resiliency tool	Count	3	0	2	5	10
		% within solarxp Amount of Solar Experience	10.3%	0.0%	8.3%	16.1%	9.2%
	3 Our locality has already adopted policies that allow and/or promote microgrids as a resiliency tool	Count	0	0	0	2	2
		% within solarxp Amount of Solar Experience	0.0%	0.0%	0.0%	6.5%	1.8%
	5 Not sure	Count	8	6	6	7	27
		% within solarxp Amount of Solar Experience	27.6%	24.0%	25.0%	22.6%	24.8%
Total		Count	29	25	24	31	109
		% within solarxp Amount of Solar Experience	100.0%	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	10.190[a]	9	0.335
Likelihood Ratio	12.166	9	0.204
Linear-by-Linear Association	0.003	1	0.954
N of Valid Cases	109		

a. 8 cells (50.0%) have expected count less than 5. The minimum expected count is .44.