

Welcome to ACEEE 2021 City Scorecard

Coronavirus Impacts

(0.0) How has the coronavirus pandemic and economic downturn affected your city’s sustainability, energy efficiency, renewable energy, or climate action work? Please describe how it has led to changes in the adoption, funding, staffing, or implementation of your city’s clean energy initiatives. Please be as detailed as possible and share any available supporting documentation. Responses to this question will be used for City Scorecard research, but any information provided will not be scored.

	ACEEE data	City updates, additions, or edits
Response		

Local Government Operations

Climate and Energy Goals

(1.1) Does your city have a local government greenhouse gas emissions reduction goal? If so, please describe your nearest-term goal, the goal's baseline, and provide a link to or a copy of the document adopting this goal.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing.	

(1.2) Does your city conduct local government GHG emissions inventories? If so, please provide the links to all inventories or a dataset with all available years of local government GHG emissions. Please include your goal’s baseline year data as well as your city’s projected population for the nearest-term GHG goal target year.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing.	Allentown's first GHG inventory was conducted in 2020 for a 2018 baseline year. The inventory is posted on the Allentown EAC website and Facebook page  1

 1FINAL Allentown GHG Inventory 2020.pptx

(1.3) Does your city have an energy reduction goal for your entire portfolio of municipal buildings?

	ACEEE data	City updates,
		updates,

		additions, or edits
If yes, please describe your nearest-term goal, the goal's baseline, and provide a link to or a copy of the document adopting this goal.	The city's comprehensive plan for 2030 includes energy efficiency programs and policies including for municipal buildings. The plan recommends review of zoning ordinance to incorporate high-performance building policies.	
Please provide us with links to or a dataset containing all quantitative data used to establish and/or track progress towards this goal. Please ensure that these sources include your goal's baseline year data. If your city has a Better Buildings Challenge goal, please provide energy use data for your entire municipal buildings portfolio.		
Please provide your city's projected population for the target year of your nearest-term goal.		

(1.4) Does your city have a local government renewable/carbon-free energy goal? If so, please describe your nearest-term goal and provide a link to or a copy of the document adopting this goal. Please provide links to all inventories or a dataset with all available years of your local government's total renewable energy consumption and electricity consumption. Please ensure these resources include: (a) Your city's local government renewable energy consumption (in MWh or kWh) and capacity (in MW) in the adoption year of the goal; (b) Your city's total local government electricity consumption in the adoption year of the goal.

	ACEEE data	City updates, additions, or edits
Response		

Procurement and Construction Policies

(1.5) Does your city have a fleet procurement policy that includes a requirement for the purchase of hybrid, plug-in hybrid, battery electric, fuel cell, or compressed natural gas (CNG) vehicles? Does your city have fuel efficiency requirements for its public fleet vehicles, or does it have any other policies to reduce GHGs from your fleet? If so, please describe the requirements here and provide a link to or copy of documents or other materials detailing them.

	Vehicle types required to be purchased under fleet procurement policy	Does your city have fuel efficiency requirements for its public fleet vehicles?	Does your city have any other policies to reduce GHGs from your fleet?	Comment

ACEEE data				
City updates, additions, or edits				

(1.6) For the most recent year for which data is available, please provide a percentage breakdown of the municipal fleet by the following vehicle types.

	Internal combustion engine	Hybrid	Plug-in hybrid	Battery electric	Fuel cell	CNG	Other	Year data applies to	Data source	Comment
ACEEE data										
City updates, additions, or edits										

(1.7) Has your city adopted the lighting controls provisions of the Model Lighting Ordinance for outdoor and street lighting, or a similar policy requiring lights to be dimmed or completely extinguished when sufficient daylight is available? If so, please describe the policy here and provide a link to or copy of the policy.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing.	As a cost-cutting measure, all of the city's outdoor lights go off when there is sufficient sunlight.

(1.8) What percentage of total streetlights (city- and utility-owned) have been converted to LEDs? If the utility owns and operates streetlights, has the city taken action to support LED upgrades? Examples include coordinating streetlight conversion or partnering with the utility to establish a replacement program. Please provide supporting documentation (sources) for these data and specify the year for which the data apply.

	ACEEE data	City updates, additions, or edits
Response	The city upgraded approximately 25% of cobra-head street lights to LED. City plans to complete 50% of cobra-headed lights to LED by summer of 2020 and 100% by 2021. All pedestrian style street lights are planned to be converted to LED by 2023. https://www.allentownpa.gov/Portals/0/files/PublicWorks/Projects/2015/LEDStreetLightConversion_Fall2015.pdf	

(1.9) What is your city's onsite and offsite municipal renewable energy generation capacity (in kW or MW)? If possible, please distinguish between onsite and offsite systems. Please provide supporting documentation (sources) for these data and specify the year for which the data apply.

	ACEEE data	City updates, additions, or edits
Response		The City has an on-site combined heat and power facility at its sewage treatment plant with a capacity of 390 KW. See: https://chptap.lbl.gov/

(1.10) Does your city have inclusive procurement and/or contracting processes for city contracts and purchasing, such as energy efficiency or renewable energy projects? If so, please share a copy of or link to the policy and document an example of how the policy has been applied to at least one energy efficiency and/or renewable energy contract. See help box for a definition of inclusive procurement and contracting.

	ACEEE data	City updates, additions, or edits
Response		

Asset Management

(1.11) Does your city benchmark energy use in municipal facilities? Of local government facilities over 10,000 square feet, what percentage of total square feet does the city benchmark? How frequently is facility energy use monitored/analyzed per year? Please provide supporting documentation (sources) for your response.

	ACEEE data	City updates, additions, or edits
Response		

(1.12) Does your city take a strategic approach to managing energy use in municipal facilities with a focus on making continual energy efficiency improvements? If so, please explain and provide supporting documentation for your response. See help box for examples of strategic approaches.

	ACEEE data	City updates, additions, or edits
Response		

(1.13) Does your city have a dedicated and ongoing (annual) funding source available for completing energy efficiency improvement work beyond regular maintenance? What percentage of the city's annual budget goes toward such work? Please share documentation from the most recent budget reflecting this funding.

	ACEEE data	City updates, additions, or edits
Response		

Community-wide Initiatives

Climate and Energy Goals

(2.1) Does your city have a community-wide greenhouse gas (GHG) emissions reduction goal? If so, please describe your nearest-term goal, the goal’s baseline, and provide a link to or a copy of the document adopting this goal.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	

(2.2) Does your city conduct community-wide GHG emissions inventories? If so, please provide the links to all inventories or a dataset with all available years of community-wide GHG emissions. Please include your goal’s baseline year data as well as your city’s projected population for the nearest-term GHG goal target year.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	The City conducted a Community-wide GHG inventory for the 2018 baseline year. The City does not currently have a GHG goal target.  1

 1FINAL Allentown GHG Inventory 2020.pptx

(2.3) Does your city have an energy reduction goal for the entire community, a city district/neighborhood, or local sector(s)?

	ACEEE data	City updates, additions, or edits
If yes, please describe your nearest-term goal, the goal’s baseline, and provide a link to or a copy of the document adopting this goal.	No data found or city not pursuing	
Please provide us with links to or a dataset containing all quantitative data used to establish and/or track progress towards this goal. Please ensure that these sources include your goal’s baseline year data.	No data found	
Please provide your city’s projected population for the target year of your nearest-term goal.	No data found	

(2.4) Does your city have a renewable/carbon-free energy goal for the entire community, a city district/neighborhood, or local sector(s)? If so, please describe your nearest-term goal and provide a link to or a copy of the document adopting this goal. Please provide the links to all inventories or a dataset with all available years of community-wide renewable energy consumption and electricity consumption. Please ensure these resources include: (a) Your city’s community-wide renewable energy consumption (in MWh or kWh) and capacity (in MW) in the adoption year of the goal;

(b) Your city's total community-wide electricity consumption in the adoption year of the goal.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	

(2.5) Does your city have complete electricity (kWh or MWh) and natural gas (Mcf, MMBtu, or therms) consumption data for residential, commercial, and municipal buildings/infrastructure from at least one of the past five years? If so, please provide us with a link to or a dataset containing these data. Please note: We are not asking for building energy benchmarking data, as these are not representative of all buildings.

	ACEEE data	City updates, additions, or edits
Response	No data found	The City's GHG emissions inventory for the 2018 baseline year included calculated data based upon electricity and natural gas consumption data for all sectors including residential, commercial and municipal buildings/infrastructure.  1

 1FINAL Allentown GHG Inventory 2020.pptx

Equitable Climate and Energy Planning

(2.6) Have you taken a unique and expanded approach to conducting community engagement with marginalized groups in your community for the creation or implementation of your city's energy, sustainability, or climate action plan? Please describe any relevant activities you have undertaken and provide a link to or copy of documents or other materials detailing these activities. See help box for more details.

	ACEEE data	City updates, additions, or edits
Response	The process for developing the city's comprehensive plan for 2030 (which includes provisions on sustainability, energy and climate action) incorporated extensive public outreach including to marginalized groups.	The implementation of the City's Stormwater Utility Fee involved extensive public outreach conducted at neighborhood meetings throughout the City with the assistance of local group leaders.

(2.7) Have you created a formal role (e.g. city boards, working groups, or committees) for marginalized community residents and/or the local organizations representing them to participate in decision-making that affects the creation or implementation of a local energy, sustainability, or climate action plan? Please describe any formal roles you have created and provide a link to or copy of documents or other materials detailing these efforts. See help box for more details.

	ACEEE data	City updates, additions, or edits
Response	The city is actively working on creating neighborhood groups to provide input on implementation of the comprehensive plan.	The City created a Green Stormwater Infrastructure (GSI) Committee to create the City's Stormwater Utility Credits and Incentives Policy. Local neighborhood group leaders participated in this process.

(2.8) Have you adopted specific goals, metrics, or protocols to track and/or evaluate how multiple energy, sustainability, or climate action initiatives are affecting local marginalized groups? If so, please describe them here and provide a link to or copy of documents or other materials detailing them.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	The City is in the process of developing a Community Engagement Program. Allentown residents and businesses will be able to apply for City funding to implement projects that will reduce the pollution of stormwater and ultimately improve the water quality of our streams and rivers. The goal of the program is to provide an incentive for the community to voluntarily implement stormwater stewardship practices that will help the City meet long-term water quality targets. Under the program, the City will pay a portion (and sometimes all) of the cost for a property owner to install approved practices that reduce pollution and flooding. Metrics are tracked as data is calculated for all voluntarily installed BMPs which reduce pollutants as measured in pounds per year. Additionally, this program allows for funding to allow for the development of educational outreach opportunities for the community to include residents and

		<p>school children.</p> <p>One type of outreach activity, for example, includes rain barrel giveaways.</p> <p>As part of its protocol under the Public Outreach Program, the Stormwater Bureau identifies groups and tracks all outreach activities and the metrics involved with each to include surveys and distributed materials.</p>
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(2.9) Does your city have an equity officer that has been active with implementation of your city’s energy, sustainability, or climate action plan? If so, please describe how their work relates to these activities and provide a copy of their job description and/or the city directive creating their position.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	

Policies Supporting Local Clean Distributed Energy Systems

(2.10) Has your city formally adopted policies, rules, or agreements that support the creation of local district energy systems, microgrids, and/or community solar systems? These could be either municipal or private sector systems. Please provide links to or copies of these directives. Please note: We are not asking about city- or utility-provided financial incentives or financing with this question.

	ACEEE data	City updates, additions, or edits
Response	We could not verify if the city has adopted a formal policy, rule, or agreement that supports the creation of clean distributed energy systems.	<p>In 2019 City Council passed a resolution encouraging the implementation of solar power to the maximum extent reasonably possible.</p> <p> 1</p>

 1R56 Allentown Solar Resolution.pdf

(2.11) Has your city formally adopted policies, rules, or agreements that support the integration of emissions-reducing technologies in existing or planned local district energy systems, microgrids, and/or community solar systems? These could be either municipal or private sector systems. Please provide links to or copies of these directives. Please note: We are not asking about city- or utility-provided financial incentives or financing with this question. See help box for examples of emissions-reducing technologies.

	ACEEE data	City updates, additions, or edits
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Response	No data found or city not pursuing	In 2019 City Council passed a resolution encouraging the implementation of solar power to the maximum extent reasonably possible.  1
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 1R56 Allentown Solar Resolution.pdf

(2.12) Does your city have social equity-focused strategies to guide the deployment of local district energy systems, microgrids, and/or community solar systems? Does your city have any requirements for investment in these systems for marginalized communities? Please provide links to or copies of documentation for these strategies and requirements. See help box for examples of marginalized communities and equity-focused strategies.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	

Mitigation of Urban Heat Islands

(2.13) Does your city have a community-wide goal that will reduce the urban heat island (UHI) effect? Examples of goal(s) could be targeting reductions in temperature or impermeable surface, increases in urban tree canopy, increases in the deployment of cool or green roofs, or expanding wetlands. If so, please describe your nearest-term goal, its target year, and provide links to or documents containing these goals.

	ACEEE data	City updates, additions, or edits
Response	We could not verify if the city has adopted a quantifiable urban heat island mitigation goal.	The City's Act 167 Stormwater Management Ordinance, Article 1387, was updated in 2007 to include Low Impact Development (LID) practices to include avoiding the introduction of impervious surfaces. In 2021, a policy decision was made to promote green roof installation through automatic removal of impervious surface associated with their footprint, despite storage capacity. Green roof installation is further promoted through the award of credits provided to reduce the utility fee. Additionally, the City promotes the reduction of impervious surface through its appeals process which allows for residents to reduce their stormwater fees by

		actively managing the impervious surface of their properties.
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(2.14) Please provide all available data you have tracking progress toward your UHI mitigation goal.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	In 2021, credit was awarded for one green roof, one voluntarily installed rain garden, one water quality basin that managed off site stormwater above development standards, and five water quality bmps installed as part of land development.

(2.15) Has your city created one or more of the following policies or programs that can reduce the UHI effect community-wide? If so, please provide links to or copies of sources documenting these initiatives.

	ACEEE data	City updates, additions, or edits
Private green infrastructure policy or incentives?	No data found or city not pursuing	The City implemented a Green Stormwater Infrastructure Credits and Incentives Program. Through the use of a tiered system, the policy promotes the voluntary installation of bmps which provide more efficient treatment of stormwater above and beyond land development/ Chapter 102 requirements  1
Municipal procurement policies that require cool roofs/pavements or vegetated surfaces?	No data found or city not pursuing	The Community Engagement Program and its procurement policy are still in the development phase. Procurement will entail the purchase of products and design services to support green infrastructure improvements on private property.
Private tree protection ordinance?	No data found or city not pursuing	Allentown has established a shade tree commission and regulates the maintenance and removal of private shade trees in the public right of way or on public lands.  2
Private tree planting program that has procedures in place to account for energy savings?	No data found or city not pursuing	
Private land conservation policy or incentives?	No data found or city not pursuing	Allentown's Vision 2030 includes a plan to comprehensively review the City's Zoning plan and

		ordinances with an eye toward preserving open spaces and parks
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 ¹Allentown_Stormwater Credit Manual_06_28_2018_FINAL.pdf

 ²Shade Tree Ordinance 15277 (3).pdf

(2.16) How have marginalized communities that are vulnerable to extreme heat been involved in the creation and implementation of your UHI programs and projects? Please describe and provide a link to or copy of documents or other materials detailing these efforts. See help box for examples of marginalized communities.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	Allentown's Vision 2030 master plan development process included input from marginalized communities on environmental aspects including urban heat islands

(2.17) How is your city using UHI projects to build the capacity of marginalized communities to mitigate and adapt to the effects of climate change? Please describe and provide a link to or copy of documents or other materials detailing these efforts. See help box for examples of marginalized communities.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	<p>The city continues to plant trees in marginalized communities. In addition, the City has established a stormwater fee that incentivizes installation of green roofs and reduction of paved areas, further reducing UHI. Additionally, the City actively pursues grants from the PA Department of Environmental Protection which are awarded based upon a project ranking system which promotes projects planned in Environmental Justice Areas. As defined by the state, an Environmental Justice Area is any census tract where 20 percent or more individuals live at or below the federal poverty line, and/or 30 percent or more of the population identifies as a non-white minority, based on data from the U.S. Census Bureau and the federal guidelines for poverty.</p> <p>Two water quality projects have been designed and installed by the City in an Environmental Justice Area. These projects include educational signage and assistance from residents in maintaining the gardens.</p> <p> ¹</p>

 ¹StormwaterCreditOverview (1).pdf

(2.18) What actions has your city taken to address potential displacement risks associated with neighborhood gentrification in marginalized communities that could result from these UHI policies and programs? Please describe and provide a link to or copy of documents or other materials detailing these actions. See help box for examples of marginalized communities.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	The Allentown Housing Authority develops 5-year plans and annual plans to meet the housing needs of Allentown's marginalized communities. http://www.allentownhousing.org/annual_plan.cfm

Broadband Connectivity

(2.19) Has your city adopted any strategies or programs to increase connectivity to high-speed broadband internet? If so, please describe these activities and the internet connection speeds in megabytes per second they are designed to support. Examples of such actions could include partnering with utilities to expand connectivity, authorizing a municipal broadband option, or subsidizing broadband for low-income households. Please describe and provide a link to or copy of documents or other materials detailing these efforts.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	

Energy and Water Utilities

(3.1) For this section, please view the Utility Spreadsheet linked below and select if your main electric and natural gas utilities are municipal (muni) or investor-owned utilities (IOU). The spreadsheet indicates each utility's designation.

Response

Electric utility

My local government's electric utility is an IOU

Natural gas utility

My local government's natural gas utility is an IOU

Utility Efficiency Savings

(3.2) Does your city and electric and/or natural gas utility have a formal partnership in the form of a jointly-developed or administered energy saving strategy, plan, or agreement? If so, please describe and provide documentation (e.g. website, official statement, formal agreement).

	ACEEE data	City updates, additions, or edits
Response	At this time, the City of Allentown does not have a formal partnership with PPL Electric or UGI Utilities in the form of a jointly developed or administered energy saving strategy, plan, or agreement.	

(3.3) Has your city cultivated an official partnership with the local utilities to provide energy efficiency and renewable investments to households in marginalized communities or households with high energy burdens? If so, please provide details and, if available, documentation of this partnership. See help box for examples of marginalized communities.

	ACEEE data	City updates, additions, or edits
Response		

Targeted Energy Efficiency Programs

(3.4) Does the local government contribute funds towards local low-income weatherization providers implementing the federal Weatherization Assistance Program or utility-led low-income efficiency programs? If yes, please specify and provide supporting documentation for your response. See help box for further information.

	ACEEE data	City updates, additions, or edits
Response	No data or city is not pursuing.	

(3.5) Does the city partner with the electric or natural gas utility to design, advertise, and/or implement low-income energy efficiency programs? If so, please provide details of this partnership and supporting documentation.

	ACEEE data	City updates, additions, or edits
Response	No data or city is not pursuing.	

Energy Data Provision

(3.6) Does the city advocate for better access to utility data for utility customers and/or the establishment of data-sharing agreements between the city and its utilities? In order to receive credit for this action, please provide specific examples and documentation (e.g. involvement in PUC/PSC proceedings).

	ACEEE data	City updates, additions, or edits
Response	No data or city is not pursuing.	

(3.7) Does the utility provide community-wide energy usage information at the aggregate level for community planning and evaluation purposes? If yes, how often does the city receive this data (e.g., monthly, quarterly, annually)? If no, has the city requested this data from the local utility?

	ACEEE data	City updates, additions, or edits
Response		Both PPL and UGI provided community-wide energy usage data for 2018 as part of the recently completed GHG inventory. We anticipate obtaining such data every 2-3 years when we update the inventory

Renewable Generation

(3.8) Please provide information on any of the following efforts to spur or encourage more utility-scale or distributed renewable and/or decarbonized energy generation from your local electric utility. Where applicable please attach documentation of these efforts.

	ACEEE data Intervention supported	ACEEE data Further information	City updates, additions, or edits Intervention supported	City updates, additions, or edits Further information
City supports regulatory involvement or active participation in related public utility commission proceedings on topics related to renewable or decarbonized energy from local utilities (e.g., net metering). If Yes, please provide more information and documentation.				
City has developed a partnership with the electric energy utility based on a formal joint agreement to create and/or promote renewable energy initiatives. If Yes, please provide more information and documentation.				
City has direct involvement in utility renewable planning efforts, such as sitting on a planning committee or working group or providing direct feedback or comments on the utility's renewable planning efforts. If Yes, please provide more information and documentation.				
City has worked with the utility to develop renewable energy plans and/or strategies, such as partnering on a city climate action plan or inclusion of utility-related renewable energy goals in city plans. If Yes, please detail what commitments or actions the utility will take to advance renewable				

energy generation as a result of these efforts.				
City is exploring, or has enabled and/or adopted Community Choice Aggregation (CCA). If Yes, please describe the city's efforts to create a CCA, outline the current stage of CCA development (i.e. exploratory, enabled through legislation, implemented), and provide supporting documentation.				

Water Efficiency

(3.9) Does your water utility partner with an energy utility on energy efficiency programs to streamline energy and multiple deep-saving water efficiency measures? If so, please describe and include a list of energy and water-saving measures available through the program. Deep-saving water efficiency measures considered here go beyond faucet aerators and water saving kits and must involve direct installation and/or rebates for measures such as efficient toilets, washing machines, dishwashers, water heaters, shower heads, irrigation systems, and leak repairs.

	ACEEE data	City updates, additions, or edits
Response	No data or city is not pursuing.	

(3.10) Does the water utility and/or energy utility offer a low-income water efficiency program that includes multiple deep water saving measures? Deep-saving water efficiency measures considered here go beyond faucet aerators and water saving kits and must involve direct installation and/or rebates for measures such as efficient toilets, washing machines, dishwashers, water heaters, shower heads, irrigation systems, and leak repairs. If yes, please describe the program and document the measures that are included.

	ACEEE data	City updates, additions, or edits
Response		

(3.11) Has the local water and/or wastewater utility or local government formalized a water savings target or long-term strategy for water savings? If so, please provide documentation of the goal or target as well as documentation that shows measurable progress towards meeting this goal or target.

	ACEEE data	City updates, additions, or edits
Response	No data or city is not pursuing.	

(3.12) Please describe the approaches your water/wastewater utilities have taken to save energy. Have these projects been funded from a dedicated funding source? What procedures have the water/wastewater utilities put in place to ensure they

continually focus on improving the energy efficiency of their assets? Please provide links and supporting documentation.

	ACEEE data	City updates, additions, or edits
Response		

(3.13) Does the local wastewater utility self-generate energy, such as capturing methane to fuel CHP or have renewable energy systems installed onsite? If so, please describe and provide documentation where available.

	ACEEE data	City updates, additions, or edits
Response	The city operates a CHP at its Kline's Island wastewater treatment plant.	Allentown's sewage treatment plant has a 390 KW CHP. See: https://chptap.lbl.gov

Buildings Policies

Stringency of Energy Codes

(4.1) Does your city have local authority to adopt residential and/or commercial building energy codes? What is the state policy for local amendments? If your city must follow state-adopted building energy codes, does it advocate for state improvements in residential or commercial energy codes? If you have advocated for state improvements, please describe these actions and provide supporting documentation.

	ACEEE data	City updates, additions, or edits
Response	The Commonwealth of Pennsylvania requires its local jurisdictions to comply with state-mandated building energy codes. Residential construction and commercial construction must comply with the 2015 IECC with state amendments.	

(4.2) What is the residential building energy code required in your city? (a) If your city can do so, has it adopted a stretch code for residential buildings? (b) If allowed, what are the required Energy Rating Index (ERI) levels for compliance? Please specify the code and provide a link to or copy of your city's code with any residential amendments. Please specify whether the jurisdiction adopts the IECC or the IRC energy chapter (IRC).

	ACEEE data	City updates, additions, or edits
Response	Residential buildings in Allentown must comply with the state code. The code uses a residential zEPI score of 58.	

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(4.3) What is the commercial building energy code required in your city? If your city can do so, has it adopted a stretch code for commercial buildings? Please specify the code and provide a link to or copy of the code with any commercial amendments. Please specify whether the city adopts Standard 90.1 or the IECC-C (or IBC energy chapter).

	ACEEE data	City updates, additions, or edits
Response	Commercial buildings in Allentown must comply with the state code. The code uses a commercial zEPI score of 51.3.	

(4.4) Has your city passed legislation mandating residential new construction be solar ready (e.g. adoption of 2015 IRC Appendix U; adoption of IECC Appendix RB; adoption of other solar readiness ordinance or mandate)? Please provide the name of the legislation and a link to or copy of the legislation. Please indicate if your city has limited or no authority to adopt these requirements.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	The City has not passed such legislation but has passed a resolution in support of implementing solar to the maximum extent possible and supporting Pennsylvania's community solar bill.  1

 1R56 Allentown Solar Resolution.pdf

(4.5) Has your city passed legislation mandating commercial new construction be solar ready (e.g. adoption of solar readiness ordinance or mandate)? Please provide the name of the legislation and a link (or attachment). Please provide the name of the legislation and a link to or copy of the legislation. Please indicate if your city has limited or no authority to adopt these requirements.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	The City has not passed such legislation but has passed a resolution in support of implementing solar to the maximum extent possible and supporting Pennsylvania's community solar bill.  1

 1R56 Allentown Solar Resolution.pdf

(4.6) Does your city require solar PV system installation for residential and/or commercial new construction? Please provide the name of the legislation and a link to or copy of the legislation. Please indicate if your city has limited or no authority to adopt these requirements.

	ACEEE	City updates, additions, or edits
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Response	No data found or city not pursuing	The City has not passed such legislation but has passed a resolution in support of implementing solar to the maximum extent possible and supporting Pennsylvania's community solar bill.  1
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 1R56 Allentown Solar Resolution.pdf

(4.7) Has your city passed legislation mandating residential, multifamily, and/or commercial new construction be EV ready? Please provide the name of the legislation and a link to or copy of the legislation. Please indicate if your city has limited or no authority to adopt these requirements.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	The City has not passed such legislation but EV charging stations have been included in all new parking garages in the City and in the City's municipal parking garage.

(4.8) Does the city have above-code low-energy-use building requirements (e.g. ZNE, ENERGY STAR, LEED)? If so, what are the categories of buildings affected (e.g. commercial/single family residential/ multifamily residential)? This is meant to capture requirements for specific types of buildings (e.g. requiring commercial buildings greater than 50,000 square feet be ENERGY STAR certified, LEED certified, or ZNE). Please describe these requirement and provide a link to or copy of the policies containing them.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	

Building Energy Code Enforcement and Compliance

(4.9) How many full time employees (FTEs) does your local government have dedicated to building energy code enforcement? Please provide any available supporting documentation. See help box for further information.

	ACEEE data	City updates, additions, or edits
Response	We could not find information on the number of full-time employees the city staffs to enforce the energy code.	

(4.10) Does your city require any of the following for verifying code compliance? Please describe the steps needed for each requirement and provide a copy of any relevant compliance forms or other documents.

	ACEEE data	City updates, additions, or edits

Plan reviews	Allentown requires plan reviews and site inspections to ensure compliance. (https://www.allentownpa.gov/Building-Standards-Safety/Building-Permit-Info)	
Field inspections. Please list the typical inspections conducted for residential and commercial new construction	Allentown requires plan reviews and site inspections to ensure compliance. (https://www.allentownpa.gov/Building-Standards-Safety/Building-Permit-Info)	
Performance testing. If your city has a list of approved compliance tools for verifying performance (e.g. REScheck, COMcheck, compliance checklists, etc.), please list these and provide supporting documentation (e.g. attachments or links to compliance checklists)	No data found or city not pursuing	
Third-party energy code verification	No data found or city not pursuing	
Allowance for the use of any alternative compliance paths beyond those included in the IECC directly (e.g., based on a HERS rating or above-code program)	No data found or city not pursuing	

(4.11) Does your city provide upfront support to developers, owners, tradespeople, contractors, and designers for building energy code compliance (e.g. workforce codes education and training programs, application reviews focusing on energy code compliance)? If so, please describe the support and provide supporting documentation.

	ACEEE data	City updates, additions, or edits
Response	We could not find information regarding upfront support for code compliance.	

(4.12) In addition to the above strategies, please describe other mechanisms or actions your city has pursued to enforce or improve energy code compliance (e.g. requiring energy code certifications for code officials, forming a code compliance collaborative, or conducting a code compliance baseline study to identify opportunities and strategies for improving compliance). Please list any mechanisms or actions not captured in the above questions. Please also provide supporting documentation.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	

Incentives and Financing for Efficient Buildings and Renewable Energy Generation

(4.13) Does the city offer financial incentives or financing programs (e.g. tax abatements, rebates, loans, PACE) and/or non-financial incentives (e.g. density bonuses, expedited permitting, permit fee reductions) for the following activities. Please describe the programs and indicate if they are offered by a municipal utility. Please provide a link or other supporting documentation for each. If available, please provide data on the impacts of programs. This could include the budget expended, number of participants, and/or energy savings.

	ACEEE data	City updates, additions, or edits
Energy-efficient new construction or improvements in commercial and/or residential buildings	No data found or city not pursuing	
Onsite renewable generation for commercial and/or residential buildings	No data found or city not pursuing	
Efficiency or renewable programs that target low-income housing and communities	No data found or city not pursuing	
Local distributed storage	No data found or city not pursuing	

Policies Targeting Existing Buildings

(4.14) Please describe the following energy action requirements adopted or otherwise developed by your city to reduce energy use in single-family, multifamily and/or commercial buildings. Please provide the following for each: (a) What type and size buildings are required to comply and on what schedule (e.g., > 50,000 sq. ft by 2020; > 25,000 sq. ft by 2025; etc.) (b) A link to or a copy of each policy (c) If available, data on compliance and results. Please indicate if the state prohibits your city from adopting any of the following requirements.

	ACEEE data	City updates, additions, or edits
Energy audit requirement	No data found or city not pursuing	
Retrocommissioning / building tune-up requirement	No data found or city not pursuing	
Retrofit requirements (e.g. whole-building, lighting or HVAC)	No data found or city not pursuing	

Performance standards for existing buildings. Please also indicate if your city's building performance standards policy includes requirements for large affordable housing	No data found or city not pursuing	
Energy benchmarking/rating and transparency policy. See help box for further directions	No data found or city not pursuing	
Energy efficiency requirements for rental properties (e.g. energy-use disclosure, minimum efficiency requirements in rental licenses or certificates)	No data found or city not pursuing	
Other energy actions not described above (e.g. building labeling programs)	No data found or city not pursuing	

(4.15) Does the city run any voluntary initiatives or energy challenge programs for portfolios of private buildings (e.g. voluntary benchmarking programs, downtown energy challenges, etc.)? If available, please provide data on participation (e.g. number/square feet of properties) and outcomes (e.g. changes in energy savings and GHG emissions over time).

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	

Equity

(4.16) Has your city created a formal role (e.g., advisory boards or committees) for marginalized community residents and/or the local organizations representing them to participate in decision-making that affects the creation or implementation of local policies for existing buildings? Please provide supporting documentation. See help box for examples of marginalized communities.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	

(4.17) What actions has your city taken to address potential displacement risks associated with neighborhood gentrification in marginalized communities that could result from building energy efficiency policies and programs? What steps has your city taken to direct development in a way that minimizes these risks? Please describe and provide a link to or copy of documents or other materials detailing these actions. See help box for examples of marginalized communities.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	The Allentown Housing Authority assists marginalized communities with obtaining quality, affordable housing in Allentown. See http://www.allentownhousing.org/index.cfm

Workforce Development

(4.18) Has your city or city school district created or supported energy efficiency and/or renewable energy workforce development initiatives? Are these initiatives primarily designed to increase the number of low-income, women, people of color, and other marginalized residents in the clean energy workforce? If so, please describe these policies or programs and provide links to or copies of documents detailing these initiatives. See help box for examples of marginalized communities.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	

(4.19) Does your city have a mechanism to measure the performance and/or success of equitable workforce development initiatives focused on the clean energy sector? If so, please provide links to or copies of documents detailing these mechanisms and outcomes.

	ACEEE data	City updates, additions, or edits
Response	No data found or city not pursuing	

Transportation Policies

Sustainable Transportation Strategies

(5.1) Does your city have a sustainable transportation plan to reduce vehicles miles traveled (VMT)? Has it been updated in the last 5 years? If your city does not have a stand-alone sustainable transportation plan, does your city include detailed strategies to reduce transportation energy use or greenhouse gases in other city documents (e.g. sustainability plan, climate plan)? Has that plan been updated in the last 5 years? Please provide a link to or a copy of these documents.

	ACEEE data	City updates, additions, or edits
Response	Allentown's comprehensive plan addresses transportation, outlining several actions to increase use of public transportation.	

(5.2) Has your city adopted a VMT reduction target? If not, does the city have a specific greenhouse gas (GHG) emissions reduction goal for its transportation sector (separate from any goal to reduce community-wide GHG emissions)? If so, please describe your nearest-term goal, the goal's baseline, and provide a link to or a copy of the document adopting this goal.

	ACEEE data	City updates, additions, or edits

Response	The City of Allentown does not yet have a codified VMT reduction target.	
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(5.3) Does your city measure quantitative progress towards your VMT/GHG goals? If so, please provide the links to all inventories or a dataset with all available years of VMT or transportation sector GHG emissions. Please include your goal’s baseline year data as well as your city’s projected population for the nearest-term goal target year. Please ensure that the type of data you provide matches the goal (e.g. VMT data for a VMT goal, GHG data for a GHG goal). Please also provide documentation for the methodology used to determine these data.

	ACEEE data	City updates, additions, or edits
Response	The City of Allentown is not yet tracking community GHG or VMT levels.	The City conducted a GHG inventory in 2020 that included emissions related to transportation, calculated based on VMT.  1

 1FINAL Allentown GHG Inventory 2020.pptx

Location Efficiency

(5.4) Do city-wide zoning regulations require transit-oriented development, compact or mixed land use development, street connectivity, or form-based zoning? If no city-wide regulations exist, does your city’s current zoning code have overlays that target the above types of development in specific neighborhoods? If yes, please describe these provisions and provide a link to or copy of the code.

	ACEEE data	City updates, additions, or edits
Response	No data or city is not pursuing.	The City's Vision 2030 Plan includes a comprehensive review (currently underway) of the City's zoning to enhanced connectivity, micro-mobility, mixed land use development, etc.

(5.5) Has your city removed minimum parking requirements or added parking maximums for new developments as part of its zoning code? If so, do these requirements apply to the entire city or certain neighborhoods? If yes, please describe these provisions and provide a link to or copy of the code.

	ACEEE data	City updates, additions, or edits
Response	No data or city is not pursuing.	

(5.6) Does the city offer incentives or have information disclosure policies to encourage compact, mixed-use development (e.g. density bonus and expedited permitting)? If yes, please describe these initiatives and provide supporting documentation for your response.

	ACEEE data	City updates, additions, or edits
Response	No data or city is not pursuing.	

Mode Shift

(5.7) Does your city have an adopted mode share target for trips within the city? If so, please describe your nearest-term target, the target’s baseline, and provide a link to or a copy of the document adopting this goal.

	ACEEE data	City updates, additions, or edits
Response	The City of Allentown does not have a codified mode share target.	

(5.8) Does your city measure quantitative progress towards your mode share targets? If so, please provide the links to all inventories or a dataset with all available years of relevant mode share data. Please include your target’s baseline year data.

	ACEEE data	City updates, additions, or edits
Response	No data or the city is not pursuing.	

(5.9) Has your city formally adopted a complete streets policy, ordinance, or executive order? Please provide a copy of or a link to the policy, ordinance, or executive order. See help box for more details.

	ACEEE data	City updates, additions, or edits
Response	No policy found.	

(5.10) How many docked bike-share bikes are available in your city? If your city is served by multiple docked bike-share programs, please provide separate data for each system and provide relevant sources.

	ACEEE data	City updates, additions, or edits
Response	No data or city is not pursuing.	

(5.11) How many dockless bike-share bikes are available in your city? If your city is served by multiple dockless bike-share programs, please provide separate data for each system and provide relevant sources.

	ACEEE data	City updates, additions, or edits
Response	No data or city is not pursuing.	

(5.12) How many scooters are available in your city? Please provide relevant sources.

	ACEEE data	City updates, additions, or edits
Response	No data or city is not pursuing.	

Pricing policies

(5.13) Does your city have a congestion pricing policy or pilot? Do the collected funds go toward sustainable transportation options? If so, please describe the policy here

and provide a link to or copy of the policy. Please also indicate if you in the process of developing a policy or pilot.

	ACEEE data	City updates, additions, or edits
Response	No data or city is not pursuing.	

Efficient Vehicles

(5.14) Does your city or utility have incentives available for the purchase of high efficiency vehicles such as hybrid, plug-in hybrid, or electric vehicles? If yes, please describe these initiatives and provide supporting documentation for your response.

	ACEEE data	City updates, additions, or edits
Response	No data or city is not pursuing.	

(5.15) Does your city or utility offer incentives (e.g. rebate programs) for installing private and/or public electric vehicle charging infrastructure? If yes, please describe these initiatives and provide supporting documentation for your response.

	ACEEE data	City updates, additions, or edits
Response	No data or city is not pursuing.	

(5.16) Does your city require property owners and/or developers to install electric vehicle supply equipment? If so, do these requirements apply to new or existing infrastructure? Do these requirements apply to the commercial, multifamily, and/or residential sectors? Please describe and provide supporting documentation for these requirements. Please note we are not asking about electric vehicle ready requirements for buildings.

	Does your city require property owners and/or developers to install electric vehicle charging infrastructure?	To which sectors do these requirements apply?	Do these requirements apply to new or existing infrastructure?	Please describe and attach supporting documentation for these requirements
ACEEE data				
City updates, additions, or edits				

(5.17) Does the city target marginalized communities in administering its EV deployment programs? Please describe your approach and provide documentation of your efforts. See help box for examples of marginalized communities.

	ACEEE data	City updates, additions, or edits
Response		

(5.18) Has your city or local school district formally adopted a goal for increasing electric school buses? Please describe and provide documentation of the goal.

	ACEEE data	City updates, additions, or edits
Response		

(5.19) Has your city or local transit agency formally adopted a goal for increasing electric bus transit? Please describe and provide documentation of the goal.

	ACEEE data	City updates, additions, or edits
Response		

Freight

(5.20) Does your city have a sustainable freight transportation strategy in place to increase the efficiency of freight movement? If not, does your city have other standalone policies in place that address freight efficiency (e.g. truck loading plan, street design, last mile delivery solutions, zoning provisions, strategies to increase the use of rail, barge and other multi-modal freight options)? If so, please describe the policies here and provide a link to or copy of each policy.

	ACEEE data	City updates, additions, or edits
Response	No data or city is not pursuing.	

Energy-Efficient Transportation for Low Income

(5.21) Does your city require, incentivize, or subsidize the creation or preservation of affordable housing in transit-served areas or any areas identified for compact mixed-use development? Incentives could include density bonuses or floor area ratio (FAR) bonuses for developers. If yes, please describe these initiatives and provide supporting documentation for your response.

	ACEEE data	City updates, additions, or edits
Response	No data or city is not pursuing.	

(5.22) Does your city provide rebates or incentives to low-income residents for efficient transportation options? Efficient transportation options include bike sharing, EV car sharing, and public transit. Additionally, does your city have targeted low income bike share or EV car share programs (e.g. Blue LA)? If yes, please describe these initiatives and provide supporting documentation for your response.

	ACEEE data	City updates, additions, or edits
Response	No data or city is not pursuing.	

Curbside Management

(5.23) Please describe any curbside freight or delivery management strategies that your city has adopted as part of a comprehensive plan, street plan design standards,

complete streets policy, or other similar plan, policy, or rule. These could include designating street flex zones to accommodate different right-of-way functions at different times or within the same space, partnering with individual receivers to switch to off-peak periods, and relocating freight loading zones away from key transit or bicycle corridors in favor of locations where longer-duration curbside access can be provided without resulting in blockages. See the help box for more details. Please provide a copy of or a link to the policy containing the strategy. Please also indicate policies that have been adopted in your city's municipal code.

	ACEEE data	City updates, additions, or edits
Response		

(5.24) Please describe any dynamic pricing parking programs your city has created for passenger, delivery, and/or freight vehicles. Examples of these strategies include instituting fees for deliveries during peak travel periods, implementing paid access to freight loading and unloading zoning, providing free parking for cargo bikes, charging increased parking rates over time for those using on-street short-term parking, or adjusting paid parking rates based on real-time demand. Please provide documentation or a website link detailing the program(s).

	ACEEE data	City updates, additions, or edits
Response		

Transportation Initiatives

(5.25) Is your city pursuing any other innovative policies or initiatives to reduce GHGs from the transportation sector that you haven't discussed, but you would like to report (e.g. planning for integration of AVs, parking cashout programs, GoZones, etc.)? If yes, please describe these initiatives and provide supporting documentation for your response.

	ACEEE data	City updates, additions, or edits
Response	No data or city is not pursuing.	

Feedback

(6.1) How can we improve the data request process for future editions of the City Scorecard?

(6.2) How long did it take for you to complete this data request?

Submit your response

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