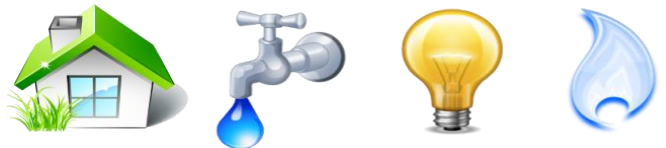


Utility Allowances

December 2022

AREA HOUSING COMMISSION

Pensacola, Florida



INITIAL REPORT

PUBLIC HOUSING

UTILITY ALLOWANCE SURVEY AND STUDY

The **Nelrod** Company®

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December 20, 2022

Abe Singh, Executive Director
Area Housing Commission
1920 W Garden Street
Pensacola, FL 32502

Re: Public Housing Utility Allowances Survey and Study (Includes Check-Metered Utilities) - 2022

Dear Mr. Singh:

ResidentLife Utility Allowances[®] is pleased to enclose a draft copy of the Public Housing Utility Allowances Survey and Study. The Proposed Utility Allowances are located in the Survey and Study Results section of your study analysis.

ResidentLife Utility Allowances is putting our seal of compliance on the work we perform for your agency certifying that we have developed your Utility Allowances in compliance with HUD Regulations and guidelines. **We recommend that you post your adopted utility allowance schedule(s) on your webpage. We have made this process easy for you by providing, by email, an electronic version of your currently updated Utility Allowances in a pdf format that is ready to upload directly to your website.** This format displays our Seal of Certified Compliance assuring residents, Agency staff, HUD representatives, or other interested parties, that an approved method was used to efficiently and accurately develop your utility allowances and that the utility allowances are current.

HUD regulations state that the Agency shall give notice to all residents of proposed utility allowances, scheduled surcharges and revisions not less than 60 days before the proposed effective date of the allowances. The Agency shall also provide all residents an opportunity to submit written comments during a period expiring not less than 30 days before the proposed effective date of the allowances.

As a reminder: HUD regulations state that housing authorities shall **review allowances at least annually** and revise allowances established if there has been a 10% increase or decrease in utility rate and charges. Please contact ResidentLife Utility Allowances[®] about this time next year to see if we can be of service for your annual review.

Please note that notice of the availability of relief from surcharges or payment of utility supplier billings in excess of the allowances for resident-purchased utilities should be included in each notice to residents given in accordance with §965.502(c) and in the information given to new residents upon admission.

Please carefully review this draft report for any identifiable problems, changes, corrections, and/or special needs and let me know if you have any changes or questions as soon as possible. If no changes are

requested this report will serve as a final report. **Please see the attached Closure Acceptance Statement, sign and return as soon as possible.** You can contact me at (817) 922-9000 ext 103 or emma@nelrod.com. It is a pleasure working with your agency.

Sincerely,

Emma McLemore

Emma McLemore
ResidentLife Utility Allowances® Specialist

Enclosure

Disclaimer: ResidentLife Utility Allowances® will make any necessary corrections to work previously performed prior to submission of final report. It is important to note that many local communities have different rate structures, weather patterns, types of charges, etc. ResidentLife Utility Allowances® has made every effort to be as accurate as possible, but will not be held responsible for changes involving different methodologies, rate structures, regulatory changes, omission and/or misinformation of cost calculation data from utility providers, selection of most advantageous cost calculation methodology in areas with multiple costing methods, and inaccurate allowances resulting from lack of information or data not provided by the agency.

3301 West Freeway
Fort Worth, TX 76107



Phone: 817-922-9000
Fax: 817-922-9100

Email: ResidentLife@nelrod.com – Website: www.nelrod.com

Closure Acceptance Statement

Re: Public Housing Utility Allowances Survey and Study (Includes Check-Metered Utilities) - 2022

Upon signing this Closure Statement I, _____, on behalf of the **Area Housing Commission, FL** acknowledge receipt of the draft survey study report.

I, or a member of our agency staff, have reviewed this draft report and have requested edits, changes or additions if needed. Our agency now accepts this survey study report as final. This does not mean that we will adopt these results as our Agency’s actual allowances.

Signed

Signature

Title

Print Name

Date

**Please sign and return within 30 days
fax to: (817) 922-9100 or email to residentlife@nelrod.com**

Job#2709-RU-001

INTRODUCTION

Public Housing Authorities are responsible for establishing allowances for utilities (natural gas, electricity, water, etc.) purchased directly by residents from utility providers. These allowances represent fixed dollar amounts that are deducted from residents' monthly Total Tenant Payment. Additionally, Housing Agencies may provide monthly or quarterly consumption allowances for PHA-furnished utilities where dwelling units are individually check-metered, and residents may be surcharged for excess usage.

Allowances are established for each dwelling unit category and unit size and should approximate reasonable consumption by an energy-conservative household of modest circumstances consistent with requirements of a safe, sanitary and healthful living environment.

Housing Agencies shall review allowances at least annually and revise established allowances if there **has been a ten percent (10%) increase or decrease in utility rates and charges since the last time the utility allowances were adjusted.**

The **Area Housing Commission, FL** has recognized the need for a review and update of its Public Housing consumptions and utility allowances and has contracted with ResidentLife Utility Allowances® to develop updated utility allowances for each dwelling unit category and unit size for 603 dwelling units at 8 sites where some electric utilities are resident-paid. This study will utilize an Engineering-based methodology to determine monthly utility consumptions. ResidentLife Utility Allowances specialists will conduct a Public Housing Utility Allowance Survey and Study based on the following: (1) a fair estimate of the work and cost required to conduct the survey and study, (2) an experienced consulting team that has extensive working knowledge of PHA operations, utility allowance development, and application experience, and (3) quality client service.

Our goals in undertaking this work are: (1) to deliver practical products that staff can use in completing their day-to-day activities, (2) to write and communicate clearly in order to be accurate in what we write and say with regard to analysis, description of conditions, and costs, (3) not to recommend a change unless it has a clear benefit to the agency and residents, and (4) to work with the Executive Director, Agency staff, Commissioners, and residents in an open and professional manner and include their input to the maximum extent possible.

This Public Housing Utility Allowance study will be conducted in accordance with 24 CFR Part 965, Subpart E, Resident Allowances for Utilities, the Utility Allowance Guidebook, and all applicable federal, state, and local laws and regulations.

Note: *In the course of providing services, copyrighted materials existing prior to this study may be utilized. This material is being provided for the use of the Area Housing Commission, FL staff only and may not be used by other agencies without written permission from The Nelrod Company. The Nelrod Company retains the rights to all copyrighted materials.*

OBJECTIVES AND METHODOLOGY

OBJECTIVES AND METHODOLOGY

PUBLIC HOUSING - 2022

This study was conducted in compliance with the Public Housing Utility Allowance HUD Regulations 24 CFR 965, Subpart E – Resident Allowances for Utilities, and HUD’s Utility Allowance Guidebook.

Objective

The objective of this survey and study is to develop Public Housing utility allowances with current utility rates and charges for resident-paid electric utilities. The **Area Housing Commission, FL** has 603 dwelling units at 8 sites. We will utilize an acceptable engineering-based methodology which takes into consideration structure type, unit size, and equipment. **Additionally, all of the sites have one or more of the following energy efficient items: windows, heat pumps, insulation, and 100% CFL lighting.** These allowances are based upon a reasonable consumption of an energy conservative family of modest circumstances and to provide for the basic essentials needed for a living environment that is safe, sanitary and healthful.

Methodology

1. Data Gathering

The Agency completed and returned ResidentLife Utility Allowance’s Public Housing Development Characteristics chart for each of their sites with resident-paid or check-metered utilities. The Agency also completed and returned a separate ResidentLife Utility Allowances’ **Customization & Energy Efficient Measures for Base Ekotrope Models** form for each site. These completed forms contain site-specific information, data, and characteristics which include, but are not limited to, building type, bedroom sizes, approximate age of development, fuel types, construction materials, window types, mechanicals, and energy efficiencies.

Also collected was a copy of the Agency’s currently adopted utility allowances for Public Housing.

2. Create Customized Models

The Ekotrope software program utilized to develop these building structure models is HUD compliant. Sources for developing these models include: HUD Regulations 24 CFR Part 965, Subpart E, Resident Allowances for Utilities, Ekotrope Home Energy Rating

software program, Energy Conservation for Housing...A Workbook – 1998, IECC (International Energy Conservation Code) – 2000, Utility Allowance Guidebook – 2008, Calculating Consumptions and Utility Allowances – 1986, Mechanicals – 1992, and PIH Notice 90-8 T.D.C. For more information see Software Default Audit in Support Documentation section of this study.

Different models were created for each possible location and number of stories of the sample unit at each development (for example: inside unit, end unit, 1-story, 2-story, top floor, bottom floor, etc.). These models were then averaged together.

A ResidentLife Utility Allowances specialist analyzed the criteria provided by the Agency on the Development Characteristics chart and Customization & Energy Efficient Measures for Base Models forms. The specialist then input the site-specific criteria into the ResidentLife Utility Allowance software database.

Note: HUD regulations for Public Housing (24 CFR 965.505 (e)) do not allow for air conditioning in the utility allowances, therefore air conditioning consumptions were eliminated from the models and consumption totals.

3. *Computation of Average Monthly Consumption*

The following was performed by a utility allowance specialist to develop the utility allowances:

Electric Consumptions

A utility allowance specialist exported and analyzed the reports generated by the ResidentLife Utility Allowance software database. These reports contain consumption usage for **electric** utilities for each site, by building type, and for applicable bedroom sizes. The monthly average consumption contained heating usage, these consumptions were climatically adjusted in the software program. Generated reports are provided in the Support Documentation section at the back of the study.

Next, the utility allowance specialist entered these adjusted monthly electric consumptions into the **Monthly Utility Consumptions Totals** chart and into the **Cost of Consumption** calculation forms, for each site.

Residents do not pay for natural gas, water, sewer, or trash collection utilities/services.

4. *Obtain Utility Rates and Charges*

The following information was gathered by a rate specialist and input in the Utility Providers Residential Rates and Charges document:

Documentation on current residential **electric** rates and charges from **Florida Power & Light** through their internet website and telephone inquiries.

Electricity is also Agency-paid, individually check-metered, and residents are surcharged for excess usage at the Agency's current or average rate at some sites.

5. *Computation of Utility Allowances*

The following process was conducted by a utility allowance specialist to develop utility allowances: **(See Cost of Consumptions)**

Florida Power & Light's current residential rates and charges for **electric** usage (kwh) were applied to the adjusted monthly average consumption figures to determine an average cost of consumption for each size unit at each applicable site. A weighted average was then calculated and applied to the utility allowance totals.

See Chart 1 for Proposed Public Housing Monthly Utility Allowances, and Chart 2 for Proposed Consumption Allowances. These charts are found in the Survey and Study Results section of this report.

6. *Utility Allowance Schedule*

Utility Allowance and Consumption Allowance Schedules are not subject to approval by HUD before becoming effective, but will be reviewed in the course of audits or reviews of Agency operations (24 CFR 965.502(d)).

7. *Notification, Display and Comment Period*

Per HUD regulations (24 CFR 965.502(c)), the Agency shall give notice to all residents of proposed allowances, scheduled surcharges, and revisions not less than 60 days before the proposed effective date of the allowances. The Agency should provide all residents an opportunity to submit written comments during a period expiring not less than 30 days before the proposed effective date of the allowances.

Additionally, for your convenience we have provided a SAMPLE Resident Notice for the agency to adjust to their needs. See sample and instructions in the back of this study.

8. *Support Documentation*

Per HUD regulations (24 CFR 965.502(b)) the Agency must maintain a record that documents the basis on which allowances and scheduled surcharges, and revisions thereof, are established and revised. Such record shall be available for inspection by residents and HUD.

This report contains a copy of all such supporting documentation, including a copy of HUD Regulations: 24CFR 965.501-508, Subpart E – Resident Allowances for Utilities.

9. *Annual Update*

HUD regulations (24 CFR 965.507) state that housing authorities **shall review allowances at least annually** and **revise allowances established if there has been a 10% increase or decrease in utility rates** and charges. If an annual adjustment is not made to the current utility allowances, the agency must monitor utility rates and charges to see if a rate has changed, by itself or together with prior rate change, not adjusted for, resulting in a change of 10% or more since the last utility allowance update. This interim adjustment helps Agencies avoid costly back charges and rent adjustments. ResidentLife Utility Allowances[®] provides a quarterly Rate Monitoring Service.

If annual revisions are only a result of rate changes, such rate changes are not subject to the 60-day notice requirement of sec. 965.502(c). The Agency should give at least a 30-day notice to residents.

10. *Individual Relief*

We have included Individual Relief Medical Equipment Allowances in the Survey and Study Results section of this report.

Please note that notice of the availability of relief from surcharges or payment of utility provider billings in excess of the allowances for resident-purchased utilities should be included in each notice to residents given in accordance with §965.502(c) and in the information given to new residents upon admission. Agencies should have written procedures regarding Individual Relief in their Admission and Continued Occupancy (ACOP) policies.

SURVEY AND STUDY RESULTS

SURVEY AND STUDY RESULTS

PUBLIC HOUSING - 2022

Public Housing (Conventional) utility allowances were calculated for electric utilities for the **Area Housing Commission, FL**. The Agency has 603 dwelling units at 8 sites where allowances are developed by structure type and unit size, for resident-paid utilities. **Additionally, all of the sites have one or more of the following energy efficient items: windows, heat pumps, insulation, and 100% CFL lighting.**

The proposed Public Housing Monthly Utility Allowances are shown in Charts 1 and the proposed Monthly Consumption Allowances are shown in Chart 2 on the following pages.

This study was conducted in compliance with the Public Housing Utility Allowance HUD Regulations 24CFR 965, Subpart E – Resident Allowances for Utilities.



AREA HOUSING COMMISSION, FL
PUBLIC HOUSING

PROPOSED MONTHLY UTILITY ALLOWANCES
Chart 1

INITIAL 2022

Building Type: Semi-Detached/Duplex

Moreno Court FL-6-3 (EE Equip: Win,HP,Ins,CFL)	OBR	1BR	2BR	3BR	4BR	5BR
Electricity (L&A,H)		\$55.00	\$64.00	\$73.00		

Building Type: Semi-Detached/Duplex

"J" Street FL-7-8A (EE Equip: Win,HP,Ins,CFL)	OBR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) (L&A,H)			\$64.00	\$73.00	\$82.00	

Building Type: Semi-Detached/Duplex

Belmont & "R" Street FL-7-9 (EE Equip: Win,HP,Ins,CFL)	OBR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) (L&A,H,WH,C)		\$81.00				

Building Type: Semi-Detached/Duplex

Gonzalez Court FL-7-8-16 (EE Equip: Win,HP,Ins,CFL)	OBR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) (L&A,H)		\$55.00	\$64.00	\$73.00		

A monthly average cost of the summer and winter adjustments were used for the electric costs.

L&A= Lights & Appliances
H= Space Heating

EE Equip= Energy Efficient Equipment
Win= Windows
HP= Heat Pump
Ins= Insulation
CFL= 100% Fluorescent Lighting

Note: Public Housing utility allowances are calculated similar to the method used by each utility provider. These allowances are not calculated by end use (like Section 8 HCV), but by total usage for each utility type. Utility providers' monthly charges are included in the calculations.

AREA HOUSING COMMISSION, FL
PUBLIC HOUSING

Building Type: High Rise Apartment

Hayne Street FL-8-9 (EE Equip: Win,HP,Ins,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) (L&A,H,WH,C)			\$93.00	\$117.00	\$133.00	

Building Type: Semi-Detached/Duplex

6th & 8th Avenue FL-8-9 (EE Equip: Win,HP,Ins,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) (L&A,H,WH,C)		\$81.00	\$96.00			

Building Type: Semi-Detached/Duplex

Camelia Court FL-8-08B (All Electric) (EE Equip: Win,HP,Ins,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) (L&A,H,WH,C)		\$81.00				

Building Type: Semi-Detached/Duplex

Camelia Court FL-8-09 (Gas Stove) (EE Equip: Win,HP,Ins,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) (L&A,H,WH)		\$76.00				

Building Type: High Rise Apartment

Attucks Court (Boiler WH) (EE Equip: Win,HP,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) (L&A,H)			\$64.00	\$86.00		

Building Type: Row House/Townhouse

Attucks Court (EE Equip: Win,HP,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) (L&A,H)	\$57.00	\$57.00	\$65.00			

Building Type: Row House/Townhouse

Attucks Court (Boiler WH) (EE Equip: Win,HP,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) (L&A,H)		\$58.00	\$66.00	\$73.00		

Building Type: Row House/Townhouse

Attucks Court (Boiler H&WH) (EE Equip: Win,HP,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) (L&A)			\$58.00	\$65.00		

AREA HOUSING COMMISSION, FL
PUBLIC HOUSING

Building Type: Semi-Detached/Duplex

Attucks Court (Boiler WH) (EE Equip: Win,HP,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) (L&A,H)			\$64.00	\$77.00		

Building Type: Semi-Detached/Duplex

Attucks Court (EE Equip: Win,HP,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) (L&A,H)					\$83.00	\$91.00

Individual Relief
Medical Equipment Allowances
Electric Provider: Florida Power & Light

Item	Hours per Day	Wattage	Monthly kWh	Energy Charge	Utility Allowance
Oxygen Concentrator	18	400	223	0.115	\$26.00
Nebulizer	2	75	5	0.115	\$1.00
Electric Hospital Bed	0.2	200	1	0.115	\$1.00
Alternating Pressure Pad	24	70	52	0.115	\$6.00
Low Air-Loss Mattress	24	120	89	0.115	\$10.00
Power Wheelchair/Scooter	3	360	33	0.115	\$4.00
Feeding Tube Pump	24	120	89	0.115	\$10.00
CPAP Machine	10	30	9	0.115	\$1.00
Leg Compression Pump	24	30	22	0.115	\$3.00
Dialysis Machine/Equipment	2	710	44	0.115	\$5.00

Oxygen Concentrator

Use per day varies, assume 12-14 hours a day.
The 5-Liter model uses 400 W, the 3-Liter model uses 320 W.

Nebulizer

A medicine delivery system used mostly for pediatric care.
Used 4-6 times a day for 20 minutes at a time at 75W.

Semi/Fully Electric Hospital Bed

Use depends on adjustments. 200 W.

Alternating Pressure Pad

An air-filled mattress overlay.
Used 24 hours a day for someone who is bed-ridden.

Low Air-Loss Mattress

Takes the place of mattress - air-filled pressurized mattress.
Cycles air around every 15-20 minutes.

Power Wheelchairs and Scooters

Need to be charged approximately 8 hours every 3 days.
Batteries are 120 V, 3 Amp, 360 W.

Feeding Tube Pump (Continuous Feed)

A pump delivers a constant amount of formula throughout the day or night.

CPAP Machine

Used for Sleep Apnea. Machines run only at night for people who have a tendency to stop breathing at night. At maximum pressure use is 40 Watts. On average - 30 Watts.

Leg Compression Pump

Provides intensive compression therapy. Use varies, generally from 8-24 hours daily.

Dialysis Machine/Equipment (Small/Portable)

Filters a patient's blood to remove excess water and waste products. Used 2 hours daily.

MONTHLY CONSUMPTION TOTALS & BUILDING TYPE DESCRIPTIONS

AREA HOUSING COMMISSION, FL

PUBLIC HOUSING

MONTHLY UTILITY CONSUMPTION TOTALS

Consumptions developed using an engineering method - 2022

Building Type: Semi-Detached/Duplex

Moreno Court FL-6-3 (EE Equip: Win,HP,Ins,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) S(L&A)		231	276	323		
Electricity (kWh) W(L&A,H)		409	502	614		

Building Type: Semi-Detached/Duplex

"J" Street FL-7-8A (EE Equip: Win,HP,Ins,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) S(L&A)			276	323	370	
Electricity (kWh) W(L&A,H)			502	614	680	

Building Type: Semi-Detached/Duplex

Belmont & "R" Street FL-7-9 (EE Equip: Win,HP,Ins,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) S(L&A,WH,C)		375				
Electricity (kWh) W(L&A,H,WH,C)		634				

Building Type: Semi-Detached/Duplex

Gonzalez Court FL-8-16 (EE Equip: Win,HP,Ins,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) S(L&A)		230	276	323		
Electricity (kWh) W(L&A,H)		408	502	614		

Building Type: High Rise Apartment

Hayne Street FL-8-9 (EE Equip: Win,HP,Ins,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) S(L&A,WH,C)			456	570	644	
Electricity (kWh) W(L&A,H,WH,C)			660	932	1110	

L&A= Lights & Appliances
H= Space Heating

EE Equip= Energy Efficient Equipment
Win= Windows
HP= Heat Pump
Ins= Insulation
CFL= 100% Fluorescent Lighting

S= Summer
W= Winter

Summer: February - November (10), Winter: December - January (2)
Seasons based on climatic data.

AREA HOUSING COMMISSION, FL

PUBLIC HOUSING

Building Type: Semi-Detached/Duplex

6th & 8th Avenue FL-8-9 (EE Equip: Win,HP,Ins,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) S(L&A,WH,C)		375	456			
Electricity (kWh) W(L&A,H,WH,C)		634	767			

Building Type: Semi-Detached/Duplex

Camelia Court FL-8-08B (All Electric)(EE Equip: Win,HP,Ins,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) S(L&A,WH,C)		375				
Electricity (kWh) W(L&A,H,WH,C)		633				

Building Type: Semi-Detached/Duplex

Camelia Court FL-8-09 (Gas Stove)(EE Equip: Win,HP,Ins,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) S(L&A,WH)		347				
Electricity (kWh) W(L&A,H,WH)		593				

Building Type: High Rise Apartment

Attucks Court (Boiler WH) (EE Equip: Win,HP,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) S(L&A)			276	373		
Electricity (kWh) W(L&A,H)			518	799		

Building Type: Row House/Townhouse

Attucks Court (EE Equip: Win,HP,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) S(L&A)	231	231	278			
Electricity (kWh) W(L&A,H)	493	493	543			

Building Type: Row House/Townhouse

Attucks Court (Boiler WH) (EE Equip: Win,HP,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) S(L&A)		231	278	324		
Electricity (kWh) W(L&A,H)		529	577	600		

Building Type: Row House/Townhouse

Attucks Court (Boiler H&WH) (EE Equip: Win,HP,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) (L&A)			278	324		

AREA HOUSING COMMISSION, FL
PUBLIC HOUSING

Building Type: Semi-Detached/Duplex

Attucks Court (Boiler WH) (EE Equip: Win,HP,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) S(L&A)			276	323		
Electricity (kWh) W(L&A,H)			531	744		

Building Type: Semi-Detached/Duplex

Attucks Court (EE Equip: Win,HP,CFL)	0BR	1BR	2BR	3BR	4BR	5BR
Electricity (kWh) S(L&A)					370	417
Electricity (kWh) W(L&A,H)					723	776

Building Type (Structure) Descriptions

1. **Apartment/Walk-Up/Condominium/Garden Apartment/Low-Rise/Flat (Apt)**

- a. Building with a group of 3 individual **units** with common walls; attached to other units; separate entrances, and may have common staircases.
- b. Each **building** may have an end unit, inside unit, top unit, bottom unit, etc. **Building** will have 2 or more stories.
- c. Usually, but not always, there will be units on both sides of building.

2. **High Rise Apartment (H-R)**

A multi-unit building; 5 or more stories; sharing one or more common entrances. May have an elevator.

3. **Row House/Townhouse/Triplex/Fourplex/Multiplex (RH)**

- a. An individual unit attached to other individual units; 2 or more common walls; separate ground level entrances; 1 or 2 story **units**.
- b. Each building will have end units and inside units.
- c. Fourplex units usually share 2 common walls; can be square-shaped or L-shaped.
- d. Triplex building can be V-shaped.

4. **Semi-Detached/Duplex (S-D or SD)**

Building with 2 individual housing units; with separate entrances; one common wall; 1 or 2 story units.

5. **Detached House (DH)**

A detached building intended to house one family; sits on its own piece of land; not attached to another dwelling.

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

AREA HOUSING COMMISSION, FL

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

INITIAL 2022

Moreno Court FL-6-3

Building Type: Row House/Townhouse

Monthly Average Unit Consumption kWh for all bedroom types - Summer	OBR	1BR	2BR	3BR	4BR	5BR
Customer Charge Per Month	\$8.99	\$8.99	\$8.99	\$8.99		
Total Energy Charges Per KWH	0.14262	\$32.95	\$39.36	\$46.07		
<i>Subtotal</i>		\$41.94	\$48.35	\$55.06		
Total Taxes % of Total	18.5%	\$7.76	\$8.94	\$10.19		
Total Monthly Cost - Summer		\$49.70	\$57.29	\$65.25		

Monthly Average Unit Consumption kWh for all bedroom types - Winter	OBR	1BR	2BR	3BR	4BR	5BR
Customer Charge Per Month	\$8.99	\$8.99	\$8.99	\$8.99		
Total Energy Charges Per KWH	0.14262	\$58.33	\$71.60	\$87.57		
<i>Subtotal</i>		\$67.32	\$80.59	\$96.56		
Total Taxes % of Total	18.5%	\$12.45	\$14.91	\$17.86		
Total Monthly Cost - Winter		\$79.77	\$95.50	\$114.42		

Averaging Months	OBR	1BR	2BR	3BR	4BR	5BR
Summer Annual Avg 10		\$497.00	\$572.90	\$652.50		
Winter Annual Avg 2		\$159.54	\$191.00	\$228.84		
Total Monthly Cost (Based on Annual Average)		\$54.71	\$63.66	\$73.45		

Summer: February - November (10), Winter: December - January (2)
Seasons based on climatic data.

AREA HOUSING COMMISSION, FL

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

INITIAL 2022

"J" Street FL-7-8A

Building Type: Semi-Detached/Duplex

Monthly Average Unit	OBR	1BR	2BR	3BR	4BR	5BR
Consumption kWh for all bedroom types - Summer			276	323	370	
Customer Charge Per Month \$8.99			\$8.99	\$8.99	\$8.99	
Total Energy Charges Per KWH 0.14262			\$39.36	\$46.07	\$52.77	
<i>Subtotal</i>			\$48.35	\$55.06	\$61.76	
Total Taxes % of Total 18.5%			\$8.94	\$10.19	\$11.43	
Total Monthly Cost - Summer			\$57.29	\$65.25	\$73.19	

Monthly Average Unit	OBR	1BR	2BR	3BR	4BR	5BR
Consumption kWh for all bedroom types - Winter			502	614	680	
Customer Charge Per Month \$8.99			\$8.99	\$8.99	\$8.99	
Total Energy Charges Per KWH 0.14262			\$71.60	\$87.57	\$96.98	
<i>Subtotal</i>			\$80.59	\$96.56	\$105.97	
Total Taxes % of Total 18.5%			\$14.91	\$17.86	\$19.60	
Total Monthly Cost - Winter			\$95.50	\$114.42	\$125.57	

Averaging Months	OBR	1BR	2BR	3BR	4BR	5BR
Summer Annual Avg 10			\$572.90	\$652.50	\$731.90	
Winter Annual Avg 2			\$191.00	\$228.84	\$251.14	
Total Monthly Cost (Based on Annual Average)			\$63.66	\$73.45	\$81.92	

Summer: February - November (10), Winter: December - January (2)
Seasons based on climatic data.

AREA HOUSING COMMISSION, FL

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

INITIAL 2022

Belmont & "R" Street FL-7-9

Building Type: Semi-Detached/Duplex

Monthly Average Unit Consumption kWh for all bedroom types - Summer	0BR	1BR	2BR	3BR	4BR	5BR
Customer Charge Per Month		\$8.99				
Total Energy Charges Per KWH		\$53.48				
<i>Subtotal</i>		\$62.47				
Total Taxes % of Total		\$11.56				
Total Monthly Cost - Summer		\$74.03				

Monthly Average Unit Consumption kWh for all bedroom types - Winter	0BR	1BR	2BR	3BR	4BR	5BR
Customer Charge Per Month		\$8.99				
Total Energy Charges Per KWH		\$90.42				
<i>Subtotal</i>		\$99.41				
Total Taxes % of Total		\$18.39				
Total Monthly Cost - Winter		\$117.80				

Averaging Months	0BR	1BR	2BR	3BR	4BR	5BR
Summer Annual Avg 10		\$740.30				
Winter Annual Avg 2		\$235.60				
Total Monthly Cost (Based on Annual Average)		\$81.33				

Summer: February - November (10), Winter: December - January (2)
Seasons based on climatic data.

AREA HOUSING COMMISSION, FL

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

INITIAL 2022

Gonzalez Court FL-7-8-16

Building Type: Semi-Detached/Duplex

Monthly Average Unit	OBR	1BR	2BR	3BR	4BR	5BR
Consumption kWh for all bedroom types - Summer		230	276	323		
Customer Charge Per Month \$8.99		\$8.99	\$8.99	\$8.99		
Total Energy Charges Per KWH 0.14262		\$32.80	\$39.36	\$46.07		
<i>Subtotal</i>		\$41.79	\$48.35	\$55.06		
Total Taxes % of Total 18.5%		\$7.73	\$8.94	\$10.19		
Total Monthly Cost - Summer		\$49.52	\$57.29	\$65.25		

Monthly Average Unit	OBR	1BR	2BR	3BR	4BR	5BR
Consumption kWh for all bedroom types - Winter		408	502	614		
Customer Charge Per Month \$8.99		\$8.99	\$8.99	\$8.99		
Total Energy Charges Per KWH 0.14262		\$58.19	\$71.60	\$87.57		
<i>Subtotal</i>		\$67.18	\$80.59	\$96.56		
Total Taxes % of Total 18.5%		\$12.43	\$14.91	\$17.86		
Total Monthly Cost - Winter		\$79.61	\$95.50	\$114.42		

Averaging Months	OBR	1BR	2BR	3BR	4BR	5BR
Summer Annual Avg 10		\$495.20	\$572.90	\$652.50		
Winter Annual Avg 2		\$159.22	\$191.00	\$228.84		
Total Monthly Cost (Based on Annual Average)		\$54.54	\$63.66	\$73.45		

Summer: February - November (10), Winter: December - January (2)
Seasons based on climatic data.

AREA HOUSING COMMISSION, FL

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

INITIAL 2022

Hayne Street FL-8-9

Building Type: High Rise Apartment

	0BR	1BR	2BR	3BR	4BR	5BR
Monthly Average Unit Consumption kWh for all bedroom types - Summer			456	570	644	
Customer Charge Per Month \$8.99			\$8.99	\$8.99	\$8.99	
Total Energy Charges Per KWH 0.14262			\$65.03	\$81.29	\$91.85	
<i>Subtotal</i>			\$74.02	\$90.28	\$100.84	
Total Taxes % of Total 18.5%			\$13.69	\$16.70	\$18.66	
Total Monthly Cost - Summer			\$87.71	\$106.98	\$119.50	

	0BR	1BR	2BR	3BR	4BR	5BR
Monthly Average Unit Consumption kWh for all bedroom types - Winter			660	932	1110	
Customer Charge Per Month \$8.99			\$8.99	\$8.99	\$8.99	
Total Energy Charges Per KWH 0.14262			\$94.13	\$132.92	\$158.31	
<i>Subtotal</i>			\$103.12	\$141.91	\$167.30	
Total Taxes % of Total 18.5%			\$19.08	\$26.25	\$30.95	
Total Monthly Cost - Winter			\$122.20	\$168.16	\$198.25	

Averaging Months	0BR	1BR	2BR	3BR	4BR	5BR
Summer Annual Avg 10			\$877.10	\$1,069.80	\$1,195.00	
Winter Annual Avg 2			\$244.40	\$336.32	\$396.50	
Total Monthly Cost (Based on Annual Average)			\$93.46	\$117.18	\$132.63	

Summer: February - November (10), Winter: December - January (2)
Seasons based on climatic data.

AREA HOUSING COMMISSION, FL

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

INITIAL 2022

6th & 8th Avenue FL-8-9

Building Type: Semi-Detached/Duplex

Monthly Average Unit	OBR	1BR	2BR	3BR	4BR	5BR
Consumption kWh for all bedroom types - Summer		375	456			
Customer Charge Per Month \$8.99		\$8.99	\$8.99			
Total Energy Charges Per KWH 0.14262		\$53.48	\$65.03			
<i>Subtotal</i>		\$62.47	\$74.02			
Total Taxes % of Total 18.5%		\$11.56	\$13.69			
Total Monthly Cost - Summer		\$74.03	\$87.71			

Monthly Average Unit	OBR	1BR	2BR	3BR	4BR	5BR
Consumption kWh for all bedroom types - Winter		634	767			
Customer Charge Per Month \$8.99		\$8.99	\$8.99			
Total Energy Charges Per KWH 0.14262		\$90.42	\$109.39			
<i>Subtotal</i>		\$99.41	\$118.38			
Total Taxes % of Total 18.5%		\$18.39	\$21.90			
Total Monthly Cost - Winter		\$117.80	\$140.28			

Averaging Months	OBR	1BR	2BR	3BR	4BR	5BR
Summer Annual Avg 10		\$740.30	\$877.10			
Winter Annual Avg 2		\$235.60	\$280.56			
Total Monthly Cost (Based on Annual Average)		\$81.33	\$96.47			

Summer: February - November (10), Winter: December - January (2)
Seasons based on climatic data.

AREA HOUSING COMMISSION, FL

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

INITIAL 2022

Camelia Court FL-8-08B (All Ele)

Building Type: Semi-Detached/Duplex

Monthly Average Unit Consumption kWh for all bedroom types - Summer	0BR	1BR	2BR	3BR	4BR	5BR
Customer Charge Per Month	\$8.99	\$8.99				
Total Energy Charges Per KWH	0.14262	\$53.48				
<i>Subtotal</i>		\$62.47				
Total Taxes % of Total	18.5%	\$11.56				
Total Monthly Cost - Summer		\$74.03				

Monthly Average Unit Consumption kWh for all bedroom types - Winter	0BR	1BR	2BR	3BR	4BR	5BR
Customer Charge Per Month	\$8.99	\$8.99				
Total Energy Charges Per KWH	0.14262	\$90.28				
<i>Subtotal</i>		\$99.27				
Total Taxes % of Total	18.5%	\$18.36				
Total Monthly Cost - Winter		\$117.63				

Averaging Months	0BR	1BR	2BR	3BR	4BR	5BR
Summer Annual Avg 10		\$740.30				
Winter Annual Avg 2		\$235.26				
Total Monthly Cost (Based on Annual Average)		\$81.30				

Summer: February - November (10), Winter: December - January (2)
Seasons based on climatic data.

AREA HOUSING COMMISSION, FL
PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

INITIAL 2022

Camelia Court FL-8-08B (Gas Stove)

Building Type: Semi-Detached/Duplex

	0BR	1BR	2BR	3BR	4BR	5BR
Monthly Average Unit Consumption kWh for all bedroom types - Summer		347				
Customer Charge Per Month \$8.99		\$8.99				
Total Energy Charges Per KWH 0.14262		\$49.49				
<i>Subtotal</i>		\$58.48				
Total Taxes % of Total 18.5%		\$10.82				
Total Monthly Cost - Summer		\$69.30				

	0BR	1BR	2BR	3BR	4BR	5BR
Monthly Average Unit Consumption kWh for all bedroom types - Winter		593				
Customer Charge Per Month \$8.99		\$8.99				
Total Energy Charges Per KWH 0.14262		\$84.57				
<i>Subtotal</i>		\$93.56				
Total Taxes % of Total 18.5%		\$17.31				
Total Monthly Cost - Winter		\$110.87				

Averaging Months	0BR	1BR	2BR	3BR	4BR	5BR
Summer Annual Avg 10		\$693.00				
Winter Annual Avg 2		\$221.74				
Total Monthly Cost (Based on Annual Average)		\$76.23				

Summer: February - November (10), Winter: December - January (2)
Seasons based on climatic data.

AREA HOUSING COMMISSION, FL

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

AMP 5

INITIAL 2022

Attucks Court

Building Type: High Rise Apartment

Monthly Average Unit Consumption kWh for all bedroom types - Summer	0BR	1BR	2BR	3BR	4BR	5BR
			276	373		
Customer Charge Per Month \$8.99			\$8.99	\$8.99		
Total Energy Charges Per KWH 0.14262			\$39.36	\$53.20		
<i>Subtotal</i>			\$48.35	\$62.19		
Total Taxes % of Total 18.5%			\$8.94	\$11.51		
Total Monthly Cost - Summer			\$57.29	\$73.70		

Monthly Average Unit Consumption kWh for all bedroom types - Winter	0BR	1BR	2BR	3BR	4BR	5BR
			518	799		
Customer Charge Per Month \$8.99			\$8.99	\$8.99		
Total Energy Charges Per KWH 0.14262			\$73.88	\$113.95		
<i>Subtotal</i>			\$82.87	\$122.94		
Total Taxes % of Total 18.5%			\$15.33	\$22.74		
Total Monthly Cost - Winter			\$98.20	\$145.68		

Averaging Months	0BR	1BR	2BR	3BR	4BR	5BR
Summer Annual Avg 10			\$572.90	\$737.00		
Winter Annual Avg 2			\$196.40	\$291.36		
Total Monthly Cost (Based on Annual Average)			\$64.11	\$85.70		

Summer: February - November (10), Winter: December - January (2)
Seasons based on climatic data.

AREA HOUSING COMMISSION, FL
PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

AMP 5

INITIAL 2022

Attucks Court

Building Type: Row House/Townhouse

Monthly Average Unit Consumption kWh for all bedroom types - Summer	0BR	1BR	2BR	3BR	4BR	5BR
	231	231	278			
Customer Charge Per Month \$8.99	\$8.99	\$8.99	\$8.99			
Total Energy Charges Per KWH 0.14262	\$32.95	\$32.95	\$39.65			
<i>Subtotal</i>	\$41.94	\$41.94	\$48.64			
Total Taxes % of Total 18.5%	\$7.76	\$7.76	\$9.00			
Total Monthly Cost - Summer	\$49.70	\$49.70	\$57.64			

Monthly Average Unit Consumption kWh for all bedroom types - Winter	0BR	1BR	2BR	3BR	4BR	5BR
	493	493	543			
Customer Charge Per Month \$8.99	\$8.99	\$8.99	\$8.99			
Total Energy Charges Per KWH 0.14262	\$70.31	\$70.31	\$77.44			
<i>Subtotal</i>	\$79.30	\$79.30	\$86.43			
Total Taxes % of Total 18.5%	\$14.67	\$14.67	\$15.99			
Total Monthly Cost - Winter	\$93.97	\$93.97	\$102.42			

Averaging Months	0BR	1BR	2BR	3BR	4BR	5BR
Summer Annual Avg 10	\$497.00	\$497.00	\$576.40			
Winter Annual Avg 2	\$187.94	\$187.94	\$204.84			
Total Monthly Cost (Based on Annual Average)	\$57.08	\$57.08	\$65.10			

Summer: February - November (10), Winter: December - January (2)
Seasons based on climatic data.

AREA HOUSING COMMISSION, FL
PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

AMP 5

INITIAL 2022

Attucks Court (Boiler WH)

Building Type: Row House/Townhouse

Monthly Average Unit Consumption kWh for all bedroom types - Summer	0BR	1BR	2BR	3BR	4BR	5BR
		231	278	324		
Customer Charge Per Month \$8.99		\$8.99	\$8.99	\$8.99		
Total Energy Charges Per KWH 0.14262		\$32.95	\$39.65	\$46.21		
<i>Subtotal</i>		\$41.94	\$48.64	\$55.20		
Total Taxes % of Total 18.5%		\$7.76	\$9.00	\$10.21		
Total Monthly Cost - Summer		\$49.70	\$57.64	\$65.41		

Monthly Average Unit Consumption kWh for all bedroom types - Winter	0BR	1BR	2BR	3BR	4BR	5BR
		529	577	600		
Customer Charge Per Month \$8.99		\$8.99	\$8.99	\$8.99		
Total Energy Charges Per KWH 0.14262		\$75.45	\$82.29	\$85.57		
<i>Subtotal</i>		\$84.44	\$91.28	\$94.56		
Total Taxes % of Total 18.5%		\$15.62	\$16.89	\$17.49		
Total Monthly Cost - Winter		\$100.06	\$108.17	\$112.05		

Averaging Months	0BR	1BR	2BR	3BR	4BR	5BR
Summer Annual Avg 10		\$497.00	\$576.40	\$654.10		
Winter Annual Avg 2		\$200.12	\$216.34	\$224.10		
Total Monthly Cost (Based on Annual Average)		\$58.09	\$66.06	\$73.18		

Summer: February - November (10), Winter: December - January (2)
Seasons based on climatic data.

AREA HOUSING COMMISSION, FL
PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

AMP 5

INITIAL 2022

Attucks Court (Boiler H&WH)

Building Type: Row House/Townhouse

	0BR	1BR	2BR	3BR	4BR	5BR
Monthly Average Unit Consumption kWh for all bedroom types - Year Round			278	324		
Customer Charge Per Month \$8.99			\$8.99	\$8.99		
Total Energy Charges Per KWH 0.14262			\$39.65	\$46.21		
<i>Subtotal</i>			\$48.64	\$55.20		
Total Taxes % of Total 18.5%			\$9.00	\$10.21		
Total Monthly Average Cost			\$57.64	\$65.41		

AREA HOUSING COMMISSION, FL
PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

AMP 5

INITIAL 2022

Attucks Court (Boiler WH)

Building Type: Semi-Detached/Duplex

Monthly Average Unit Consumption kWh for all bedroom types - Summer	0BR	1BR	2BR	3BR	4BR	5BR
			276	323		
Customer Charge Per Month \$8.99			\$8.99	\$8.99		
Total Energy Charges Per KWH 0.14262			\$39.36	\$46.07		
<i>Subtotal</i>			\$48.35	\$55.06		
Total Taxes % of Total 18.5%			\$8.94	\$10.19		
Total Monthly Cost - Summer			\$57.29	\$65.25		

Monthly Average Unit Consumption kWh for all bedroom types - Winter	0BR	1BR	2BR	3BR	4BR	5BR
			531	744		
Customer Charge Per Month \$8.99			\$8.99	\$8.99		
Total Energy Charges Per KWH 0.14262			\$75.73	\$106.11		
<i>Subtotal</i>			\$84.72	\$115.10		
Total Taxes % of Total 18.5%			\$15.67	\$21.29		
Total Monthly Cost - Winter			\$100.39	\$136.39		

Averaging Months	0BR	1BR	2BR	3BR	4BR	5BR
Summer Annual Avg 10			\$572.90	\$652.50		
Winter Annual Avg 2			\$200.78	\$272.78		
Total Monthly Cost (Based on Annual Average)			\$64.47	\$77.11		

Summer: February - November (10), Winter: December - January (2)
Seasons based on climatic data.

AREA HOUSING COMMISSION, FL
PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

AMP 5

INITIAL 2022

Attucks Court

Building Type: Semi-Detached/Duplex

Monthly Average Unit Consumption kWh for all bedroom types - Summer	0BR	1BR	2BR	3BR	4BR	5BR
					370	417
Customer Charge Per Month \$8.99					\$8.99	\$8.99
Total Energy Charges Per KWH 0.14262					\$52.77	\$59.47
<i>Subtotal</i>					\$61.76	\$68.46
Total Taxes % of Total 18.5%					\$11.43	\$12.67
Total Monthly Cost - Summer					\$73.19	\$81.13

Monthly Average Unit Consumption kWh for all bedroom types - Winter	0BR	1BR	2BR	3BR	4BR	5BR
					723	776
Customer Charge Per Month \$8.99					\$8.99	\$8.99
Total Energy Charges Per KWH 0.14262					\$103.11	\$110.67
<i>Subtotal</i>					\$112.10	\$119.66
Total Taxes % of Total 18.5%					\$20.74	\$22.14
Total Monthly Cost - Winter					\$132.84	\$141.80

Averaging Months	0BR	1BR	2BR	3BR	4BR	5BR
Summer Annual Avg 10					\$731.90	\$811.30
Winter Annual Avg 2					\$265.68	\$283.60
Total Monthly Cost (Based on Annual Average)					\$83.13	\$91.24

Summer: February - November (10), Winter: December - January (2)
Seasons based on climatic data.

SUPPORT DOCUMENTATION

UTILITY PROVIDER RATES AND CHARGES

AREA HOUSING COMMISSION, FL
PUBLIC HOUSING

Utility Providers Residential Rates and Charges
As of December 2022

INITIAL 2022

ELECTRICITY

Source: Florida Power & Light

954-581-5668

www.fpl.com*

Year Round		RS-1
Customer Charge	Per Month	\$8.99
	Tiers	0 - 1000
Energy Charge*	Per KWH	0.06683
Fuel Charge*	Per KWH	0.03487
Conservation Charge	Per KWH	0.00134
Capacity Charge	Per KWH	0.00239
Environmental Charge	Per KWH	0.00299
Storm Protection	Per KWH	0.00214
Storm Recovery Charge	Per KWH	0.008
Storm Interim Recovery Charge	Per KWH	0.003
Transition Rider	Per KWH	0.02106
Total Energy Charges	Per KWH	0.14262
FL Gross Receipts Tax	% of Total	2.5%
Municipal Public Service Tax	% of Total	10%
Franchise Fee	% of Total	6%
Total Taxes	% of Total	18.5%

UTILITY PROVIDER DOCUMENTATION

Florida Gross Receipts Tax on Utility Services

(Chapter 203, Florida Statutes)

Tax is imposed at the rate of 2.5% on gross receipts from the sale, delivery, or transportation of natural gas, manufactured gas, or electricity to a retail consumer in Florida.

Tax due on the sale or transportation of natural or manufactured gas to retail consumers in Florida is computed by multiplying the quantity sold or transported by the appropriate index prices and then applying the 2.5% gross receipts tax rate. [Index prices](#) used by distribution companies to calculate the gross receipts tax due on the sale or transportation of natural or manufactured gas to retail consumers are adjusted yearly.

Registration

You can [register to report and pay tax](#) using our Internet site.

Distribution Company. Each distribution company that receives payment for the sale or transportation of natural or manufactured gas or electricity to a retail consumer in Florida must register with the Department of Revenue to report and pay gross receipts tax on utility services.

A "distribution company" is any person owning or operating local electric, or natural or manufactured gas, utility distribution facilities within Florida for the transmission, delivery, and sale of electricity or natural or manufactured gas. The term does not include natural gas transmission companies that are subject to the jurisdiction of the Federal Energy Regulatory Commission.

Use Tax. Any person who imports into Florida electricity, natural gas, or manufactured gas, or severs natural gas for his or her own use as a substitute for purchasing utility, transportation, or delivery services taxable under Chapter 203, F.S., who cannot prove payment of tax, must register and report and pay gross receipts tax. Tax is applied to the "cost price" of electricity as provided in s. 212.02(4), F.S.

Cogeneration or Small Power Producers must report and pay gross receipts tax.

Municipal Public Service Tax Database as of 10/28/2021

Municipality	County	Public Service Taxed	Tax Rate	Effective Date	Repeal Date
PENSACOLA	ESCAMBIA	ELECTRIC	0.1	8/27/1987	6/30/2008
PENSACOLA	ESCAMBIA	ELECTRIC	*10.00%	7/1/2008	
PENSACOLA	ESCAMBIA	FUEL OIL\KEROSENE	\$.04/gal	8/27/1987	
PENSACOLA	ESCAMBIA	GAS: LIQUEFIED PETROLEUM	10.00%	8/27/1987	6/30/2008
PENSACOLA	ESCAMBIA	GAS: LIQUEFIED PETROLEUM	*10.00%	7/1/2008	
PENSACOLA	ESCAMBIA	GAS: MANUFACTURED	10.00%	8/27/1987	6/30/2008
PENSACOLA	ESCAMBIA	GAS: MANUFACTURED	*10.00%	7/1/2008	
PENSACOLA	ESCAMBIA	GAS: NATURAL	10.00%	8/27/1987	6/30/2008
PENSACOLA	ESCAMBIA	GAS: NATURAL	*10.00%	7/1/2008	
PENSACOLA	ESCAMBIA	WATER	10.00%	8/27/1987	6/30/2008
PENSACOLA	ESCAMBIA	WATER	*10.00%	7/1/2008	

Municipal Public Service Tax

Municipal public service tax is locally imposed and administered by municipalities and charter counties under Chapter 166, Florida Statutes. The only responsibility of the Florida Department of Revenue is to gather tax data from local governments imposing the tax and provide it to the public. The Department depends on each taxing authority to ensure the information is accurate.

Municipal public service tax is levied on six utility services: natural gas, LP gas, manufactured gas, electric, water, and fuel oil/kerosene. A municipality or charter county must report tax information if it does not provide the utility service itself or through a separate authority, board, or commission. It is required to report the tax rate, effective date and a contact name.

Local governments who self-administer utility services are **not** required to report tax levy information or changes to the Department of Revenue. However, if they do share this information with the Department, it will appear in the database.

This information is updated monthly and appears as reported to the Department. The data is current as of **October 25, 2016**. Please note:

- A blank space in the data means the information was not reported to the Department of Revenue.
- A zero (0) means no tax is imposed.
- "s/a" means the utility service is administered by the municipality or its separate authority, board, or commission.

Municipalities and charter counties can download the Municipal Public Service Tax Database Report ([Form DR-700001](#)) to submit changes.

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Residential Rates and Clauses

Effective June 2022*

RATES AND CHARGES	Base Charge/ Month	< 1,000 kWh/ Energy Charge c/kWh	> 1,000 kWh/ Energy Charge c/kWh	Conservation c/kWh	Capacity c/kWh	Environmental c/kWh	Storm Protection c/kWh	< 1,000 kWh / Fuel Charge c/kWh	> 1,000 kWh / Fuel Charge c/kWh	Storm Restoration Recovery Charge c/kWh	Interim Storm Restoration Recovery Charge c/kWh	Transition Rider c/kWh
Residential Service (RS-1)	\$8.99	6.683	7.683	0.134	0.239	0.299	0.214	3.487	4.487	0.800	0.300	2.106
Residential TOU Rider* (RTR-1)	\$8.99	12.043**	-5.267**	0.134	0.239	0.299	0.214	0.285**	-0.122**	0.800	0.300	2.106

*Except for base charges, all rates and charges under Rate Schedule RS-1 shall apply to RTR-1. RTR-1 Base Energy and Fuel Charges and Credits applicable to on- and off-peak usage are in addition to the RS-1 charges. Note: Residential customers whose monthly base electric service costs fall below \$25 are subject to a minimum \$25 base bill.

LIGHTING RATES

COMPANY-OWNED UNITS (FIXTURE, MAINTENANCE, AND BASE NON-FUEL ENERGY)

	OS I/II High Pressure Sodium Vapor	OS III Metal Halide	OS IV/II Metal Halide Pulse Start	OS V/II Mercury Vapor	OS VI LED
Open Bottom 5,400 lu 70 watts	\$ 6.20	Acorn 12,000 lu 175 watts	\$23.30	Acorn 3,776 lu 75 watts	\$30.30
Open Bottom 8,800 lu 100 watts	\$5.95	Colonial 12,000 lu 175 watts	\$9.65	Street Light 4,440 lu 72 watts	\$21.04
Open Bottom with Shield 8,800 lu 100 watts	\$7.30	English Coach 12,000 lu 175 watts	\$24.76	Acorn A5 2,820 lu 56 watts	\$35.50
Acorn 8,800 lu 100 watts	\$20.90	Destin Single 12,000 lu 175 watts	\$39.28	Cobrahead S2 5,100 lu 73 watts	\$11.23
Colonial 8,800 lu 100 watts	\$7.21	Destin Double 24,000 lu 350 watts	\$77.16	Cobrahead S3 10,200 lu 135 watts	\$14.01
English Coach 8,800 lu 100 watts	\$22.59	Small Flood 32,000 lu 400 watts	\$14.81	ATB071 S2/S3 6,320 lu 71 watts	\$14.01
Destin Single 8,800 lu 100 watts	\$37.33	Small Parking Lot 32,000 lu 400 watts	\$22.02	ATB1 105 S3 9,200 lu 105 watts	\$19.12
Destin Double 17,600 lu 200 watts	\$73.87	Large Flood 100,000 lu 1,000 watts	\$27.51	ATB2 280 S4 23,240 lu 280 watts	\$23.62
Cobrahead 5,400 lu 70 watts	\$7.97	Large Parking Lot 100,000 lu 1,000 watts	\$41.38	E132 A3 7,200 lu 132 watts	\$40.41
Cobrahead 8,800 lu 100 watts	\$7.30			E157 SAW 9,600 lu 157 watts	\$28.24
Cobrahead 20,000 lu 200 watts	\$10.57			WP9 A2/S2 7,377 lu 140 watts	\$62.58
Cobrahead 25,000 lu 250 watts	\$11.03				
Cobrahead 46,000 lu 400 watts	\$13.48	Acorn 13,000 lu 150 watts	\$24.91	Destin Double 15,228 lu 210 watts	\$106.02
Cutoff Cobrahead 8,800 lu 100 watts	\$7.85	Colonial 13,000 lu 150 watts	\$10.15	ATB0 108 S2/S3 9,336 lu 108 watts	\$13.21
Cutoff Cobrahead 25,000 lu 250 watts	\$11.11	English Coach 13,000 lu 150 watts	\$25.40	Colonial 3,640 lu 45 watts	\$13.94
Cutoff Cobrahead 46,000 lu 400 watts	\$13.49	Destin Single 13,000 lu 150 watts	\$49.96	LG Colonial 5,032 lu 72 watts	\$16.56
Bracket Mount CIS 25,000 lu 250 watts	\$20.11	Destin Double 26,000 lu 300 watts	\$97.70	Security Lt 4,204 lu 43 watts	\$8.10
Tenon Top CIS 25,000 lu 250 watts	\$20.12	Small Flood 33,000 lu 350 watts	\$15.54	Roadway 1 5,510 lu 62 watts	\$10.06
Bracket Mount CIS 46,000 lu 400 watts	\$23.14	Shoobox 33,000 lu 350 watts	\$17.42	Galleon 6s q 32,327 lu 315 watts	\$36.65
Small ORL 20,000 lu 200 watts	\$19.84	Flood 68,000 lu 750 watts	\$23.17	Galleon 7s q 38,230 lu 370 watts	\$40.95
Small ORL 25,000 lu 250 watts	\$19.89			Galleon 10s q 53,499 lu 528 watts	\$56.22
Small ORL 46,000 lu 400 watts	\$22.71			Flood 421 W 36,000 lu 421 watts	\$32.53
Large ORL 20,000 lu 200 watts	\$30.14	Open Bottom 7,000 lu 175 watts	\$6.02	Wildlife Cert 5,355 lu 106 watts	\$28.06
Large ORL 46,000 lu 400 watts	\$36.27	Cobrahead 3,200 lu 100 watts	\$7.73	Evolve Area 8,300 lu 72 watts	\$22.06
Shoobox 46,000 lu 400 watts	\$19.99	Cobrahead 7,000 lu 175 watts	\$8.09	ATB0 70 8,022 lu 72 watts	\$13.16
Directional 16,000 lu 150 watts	\$10.78	Cobrahead 9,400 lu 250 watts	\$10.70	ATB0 100 11,619 lu 104 watts	\$14.33
Directional 20,000 lu 200 watts	\$14.67	Cobrahead 17,000 lu 400 watts	\$13.14	ATB2 270 30,979 lu 274 watts	\$26.12
Directional 46,000 lu 400 watts	\$14.53	Cobrahead 48,000 lu 1,000 watts	\$27.92	Roadway 2 9,514 lu 95 watts	\$11.21
Large Flood 125,000 lu 1,000 watts	\$26.65	Directional 17,000 lu 400 watts	\$17.22	Roadway 3 15,311 lu 149 watts	\$15.26
				Roadway 4 28,557 lu 285 watts	\$21.57

DEVELOPMENT CHARACTERISTICS

HOUSING AGENCY Area Housing Commission, Pensacola, FL

**DEVELOPMENT CHARACTERISTICS CHART
For Low-Rent Public Housing Program**

Development		Year Built	Building Type**	Total # Units	# of Units by Bedroom Size						Resident-Paid Utilities (See* below)					A/C?	
Name	HA Code				0	1	2	3	4	5	Electric	N Gas	Water	Sewer	Trash	Central	Window
Attucks Court	5-02/04	1940	Row	172	10	50	70	36	4	2	I	M	M	M	M	X	
Moreno Court	6-03	1940	Duplex	200		54	108	38			I	M	M	M	M	X	
"J" Street	7-08A	1984	Duplex	44		26	14	4			C	M	M	M	M	X	
Belmont & "R" Street	7-09	1984	Duplex	16		16					C		M	M	M	X	
Gonzalez Court	7-09	1995	Duplex	98		16	58	24			C	M	M	M	M	X	
Hayne Street	8-09	1985	Walk-Up	40		20	12	8			C		M	M	M	X	
6th & 8th Ave	8-09	1985	Duplex	8		4	4				C		M	M	M	X	
Camelia Court	8-08B/09	1984	Duplex	25		1					C	M	M	M	M	X	

* Please indicate one of the following under each utility:

M (Master-Metered): The development has one master-meter per building and the Agency pays the utility bills.

I (Resident-Paid): There are individual meters for each unit and the resident pays the utility directly to the utility provider.

C (Check-Metered by agency): There are individual meters for each unit but the Agency pays the utility company and charges the resident for excess utility usage.

** Building Types: Walk-Up/Apartment; Row House/Townhouse; Semi-Detached/Duplex; Detached House

Please email to Cheryl@nelrod.com with a copy of current allowances

CUSTOMIZATION FOR BASE REM/RATE MODELS

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for each development/property and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. Blue text represents energy efficiency measures/equipment.

Development Name & No.: Moreno Court AMP 6 1br

Building: Year Built: 1940 Structure Type: Apt High-Rise RH SD DH Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: X Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric X Natural Gas X Water OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF 1BR (54) 2BR 3BR 4BR 5BR 6BR

1 Foundation Type: X Concrete Slab Pier-Beam (Crawl Space) Basement
2 Window Type: Single Pane X Double Pane Low-E Double Pane/Vinyl
U-Factor: SHGC: (Solar Heat Gain Coefficient)
3 # of Stories in Unit: 1 One or Two Building has multiple stories
4 Exterior Veneer/Cladding: X Siding Brick Stucco Other:

5a HVAC Heating Fuel: X Electric Natural Gas Other:
5b Is Heating Individually Metered? Yes No
5c Heating Type: Electric Baseboard X Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies X Heat Pump X Forced Air Furnace w/ducts X electric or _ natural gas
Heat Pump Efficiency Rating: SEER: 13 HSPF:
Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE) (additional information is needed)

5d Heating Equipment Location: X Conditioned Space Unconditioned Space (attic/garage)

5e Air Conditioning: X Yes No Type: Window Unit X Central Tonnage: 1.5

6 Air Ducts: X Yes No
If Yes, Location: Conditioned Space X Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) X Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating (additional information is needed)
Elec Tank .95 EF Gas Tank .62 EF
Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: X Individual units Central Boiler

7c Water Htr Location: X Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric X Natural Gas

9 Energy Efficiencies:
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) X Wall (R-13)
X Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets Lighting: X 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating:

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for each development/property and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. Blue text represents energy efficiency measures/equipment.

Development Name & No.: Moreno Court AMP 6 2br

Building: Year Built: 1940 Structure Type: Apt High-Rise RH SD DH

Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: X Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric X Natural Gas X Water

OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF 1BR 2BR (108) 3BR 4BR 5BR 6BR

1 Foundation Type: X Concrete Slab Pier-Beam (Crawl Space) Basement
2 Window Type: Single Pane X Double Pane Low-E Double Pane/Vinyl
U-Factor: SHGC: (Solar Heat Gain Coefficient)
3 # of Stories in Unit: 1 One or Two Building has multiple stories
4 Exterior Veneer/Cladding: X Siding Brick Stucco Other:

HVAC
5a Heating Fuel: X Electric Natural Gas Other:
5b Is Heating Individually Metered? Yes No X
5c Heating Type: Electric Baseboard X Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies X Heat Pump X Forced Air Furnace w/ducts X electric or _ natural gas
Models Heat Pump Efficiency Rating: SEER: 13 HSPF:
Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: X Conditioned Space Unconditioned Space (attic/garage)

5e Air Conditioning: X Yes No Type: Window Unit X Central Tonage: 1.5

6 Air Ducts: X Yes No
If Yes, Location: Conditioned Space X Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) X Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
Elec Tank .95 EF Gas Tank .62 EF
Elec Tankless Gas Tankless .80 EF or higher
(additional information is needed)

7b Water Heater Type: X Individual units Central Boiler

7c Water Htr Location: X Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric X Natural Gas

9 Energy Efficiencies:
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) X Wall (R-13)
Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets Lighting: X 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating:

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for each development/property and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. Blue text represents energy efficiency measures/equipment.

Development Name & No.: Moreno Court AMP 6 3br

Building: Year Built: 1940 Structure Type: Apt High-Rise RH SD DH Legend: Apt=Apariment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: X Electric Natural Gas Water Sewer Trash Agency-Paid Check-Metered Utilities: Electric X Natural Gas X Water OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF () 1BR () 2BR () X 3BR (38) 4BR () 5BR () 6BR ()

1 Foundation Type: X Concrete Slab Pier-Beam (Crawl Space) Basement 2 Window Type: Single Pane X Double Pane Low-E Double Pane/Vinyl U-Factor: SHGC: (Solar Heat Gain Coefficient) 3 # of Stories in Unit: 1 One or Two Building has multiple stories 4 Exterior Veneer/Cladding: X Siding Brick Stucco Other:

HVAC 5a Heating Fuel: X Electric Natural Gas Other: 5b Is Heating Individually Metered? Yes No X 5c Heating Type: Electric Baseboard X Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant) Energy Efficiencies X Heat Pump X Forced Air Furnace w/ducts X electric or _ natural gas Models Heat Pump Efficiency Rating: SEER: 13 HSPF: Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE) (additional information is needed)

5d Heating Equipment Location: X Conditioned Space Unconditioned Space (attic/garage)

5e Air Conditioning: X Yes No Type: Window Unit X Central Tonage: 1.5

6 Air Ducts: X Yes No If Yes, Location: Conditioned Space X Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) X Natural Gas (30 gal) Oil 40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating (additional information is needed) Elec Tank .95 EF Gas Tank .62 EF Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: X Individual units Central Boiler

7c Water Htr Location: X Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric X Natural Gas

9 Energy Efficiencies: Insulation: Ceiling (R-20)(min.) Ceiling (R-38) X Wall (R-13) X Ceiling (R-30) Ceiling (R-49) Wall (R-19) Low Flow Water: Shower, Faucets, Toilets Lighting: X 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating:

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: "J" Street AMP 7 2br

Building: Year Built: 1984 Structure Type: Apt High-Rise RH SD DH

Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water

OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF () 1BR () 2BR (26) 3BR () 4BR () 5BR () 6BR ()

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement

2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)

3 # of Stories in Unit: 1 One or _____ Two Building has multiple stories

4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC

5a Heating Fuel: Electric Natural Gas Other: _____

5b Is Heating Individually Metered? Yes No

5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)

Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts electric or _ natural gas
Heat Pump Efficiency Rating: SEER: 14 HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: Conditioned Space Unconditioned Space (attic/garage)

5e Air Conditioning: Yes No Type: Window Unit Central Tonnage: 1.5

6 Air Ducts: Yes No
If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil

40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler

7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

Energy Efficiencies:

Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)

Low Flow Water: Shower, Faucets, Toilets **Lighting:** 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: **"J" Street AMP 7 3br**

Building: Year Built: **1984** Structure Type: Apt High-Rise RH SD DH

Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water

OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF () 1BR () 2BR () 3BR (14) 4BR () 5BR () 6BR ()

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement

2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)

3 # of Stories in Unit: **1** One or Two Building has multiple stories

4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC

5a Heating Fuel: Electric Natural Gas Other: _____

5b Is Heating Individually Metered? Yes No

5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)

Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts electric or _ natural gas
Heat Pump Efficiency Rating: SEER: **14** HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: Conditioned Space Unconditioned Space (attic/garage)

5e Air Conditioning: Yes No Type: Window Unit Central Tonage: **1.5**

6 Air Ducts: Yes No
If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil

40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)

Elec Tank .95 EF Gas Tank .62 EF

Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler

7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

9 **Energy Efficiencies:**

Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)

Low Flow Water: Shower, Faucets, Toilets Lighting: 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: "J" Street AMP 7 4br

Building: Year Built: 1984 Structure Type: Apt High-Rise RH SD DH
Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water
OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF () 1BR () 2BR () 3BR () 4BR (4) 5BR () 6BR ()

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement
2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)
3 # of Stories in Unit: 1 One or Two Building has multiple stories
4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC
5a Heating Fuel: Electric Natural Gas Other: _____
5b Is Heating Individually Metered? Yes No
5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts electric or _ natural gas
Heat Pump Efficiency Rating: SEER: 14 HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: Conditioned Space Unconditioned Space (attic/garage)

5e Air Conditioning: Yes No Type: Window Unit Central Tonage: 1.5

6 Air Ducts: Yes No
If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler

7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

9 **Energy Efficiencies:**
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets **Lighting:** 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for each development/property and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. Blue text represents energy efficiency measures/equipment.

Development Name & No.: Belmont & "R" Street AMP 7 1br

Building: Year Built: 1984 Structure Type: Apt High-Rise RH SD DH Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: X Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric X Natural Gas X Water OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF 1BR 2BR 3BR 4BR 5BR 6BR

1 Foundation Type: X Concrete Slab Pier-Beam (Crawl Space) Basement
2 Window Type: Single Pane X Double Pane Low-E Double Pane/Vinyl
3 # of Stories in Unit: 1 One or Two Building has multiple stories
4 Exterior Veneer/Cladding: Siding X Brick Stucco Other:

HVAC
5a Heating Fuel: X Electric Natural Gas Other:
5b Is Heating Individually Metered? Yes No
5c Heating Type: Electric Baseboard X Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models X Heat Pump X Forced Air Furnace w/ducts X electric or _ natural gas
Heat Pump Efficiency Rating: SEER: 14 HSPF:
Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)

5d Heating Equipment Location: X Conditioned Space Unconditioned Space (attic/garage)

5e Air Conditioning: X Yes No Type: Window Unit X Central Tonage: 1.5

6 Air Ducts: X Yes No
If Yes, Location: Conditioned Space X Unconditioned Space (attic)

7a Water Heater: X Electric (30 gal) Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
Elec Tank .95 EF Gas Tank .62 EF
Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: X Individual units Central Boiler

7c Water Htr Location: X Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: X Electric Natural Gas

9 Energy Efficiencies:
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) X Wall (R-13)
Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets Lighting: X 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating:

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for each development/property and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. Blue text represents energy efficiency measures/equipment.

Development Name & No.: Gonzalez Court - AMP 8 1br

Building: Year Built: 1995 Structure Type: Apt High-Rise RH SD DH

Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: X Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric X Natural Gas X Water

OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF 1BR (16) 2BR 3BR 4BR 5BR 6BR

1 Foundation Type: X Concrete Slab Pier-Beam (Crawl Space) Basement
2 Window Type: Single Pane X Double Pane Low-E Double Pane/Vinyl
U-Factor: SHGC: (Solar Heat Gain Coefficient)
3 # of Stories in Unit: 1 One or Two Building has multiple stories
4 Exterior Veneer/Cladding: Siding X Brick Stucco Other:

HVAC
5a Heating Fuel: X Electric Natural Gas Other:
5b Is Heating Individually Metered? Yes No X
5c Heating Type: Electric Baseboard X Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies X Heat Pump X Forced Air Furnace w/ducts X electric or _ natural gas
Models Heat Pump Efficiency Rating: SEER: 14 HSPF:
Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: X Conditioned Space Unconditioned Space (attic/garage)

5e Air Conditioning: X Yes No Type: Window Unit X Central Tonage: 1.5

6 Air Ducts: X Yes No
If Yes, Location: Conditioned Space X Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) X Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
Elec Tank .95 EF Gas Tank .62 EF
Elec Tankless Gas Tankless .80 EF or higher
(additional information is needed)

7b Water Heater Type: X Individual units Central Boiler

7c Water Htr Location: X Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric X Natural Gas

9 Energy Efficiencies:
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) X Wall (R-13)
Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets Lighting: X 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating:

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for each development/property and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. Blue text represents energy efficiency measures/equipment.

Development Name & No.: Gonzalez Court - AMP 8 2br

Building: Year Built: 1995 Structure Type: Apt High-Rise RH SD DH

Legend: Apt=Apariment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: X Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric X Natural Gas X Water
OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF 1BR 2BR (58) 3BR 4BR 5BR 6BR

1 Foundation Type: X Concrete Slab Pier-Beam (Crawl Space) Basement
2 Window Type: Single Pane X Double Pane Low-E Double Pane/Vinyl
U-Factor: SHGC: (Solar Heat Gain Coefficient)
3 # of Stories in Unit: 1 One or Two Building has multiple stories
4 Exterior Veneer/Cladding: Siding X Brick Stucco Other:

HVAC
5a Heating Fuel: X Electric Natural Gas Other:
5b Is Heating Individually Metered? Yes No
5c Heating Type: Electric Baseboard X Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models X Heat Pump X Forced Air Furnace w/ducts X electric or _ natural gas
Heat Pump Efficiency Rating: SEER: 14 HSPF:
Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: X Conditioned Space Unconditioned Space (attic/garage)

5e Air Conditioning: X Yes No Type: Window Unit X Central Tonage: 1.5

6 Air Ducts: X Yes No
If Yes, Location: Conditioned Space X Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) X Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
Elec Tank .95 EF Gas Tank .62 EF
Elec Tankless Gas Tankless .80 EF or higher
(additional information is needed)

7b Water Heater Type: X Individual units Central Boiler

7c Water Htr Location: X Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric X Natural Gas

9 Energy Efficiencies:
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) X Wall (R-13)
Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets Lighting: X 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating:

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: **Gonzalez Court - AMP 8 3br**

Building: Year Built: **1995** Structure Type: Apt High-Rise RH SD DH

Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water

OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: 0BR/EFF () 1BR () 2BR () 3BR (24) 4BR () 5BR () 6BR ()

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement

2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)

3 # of Stories in Unit: **1** One or Two Building has multiple stories

4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC

5a Heating Fuel: Electric Natural Gas Other: _____

5b Is Heating Individually Metered? Yes No

5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)

Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts electric or _ natural gas
Heat Pump Efficiency Rating: SEER: **14** HSPF: _____

Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: Conditioned Space Unconditioned Space (attic/garage)

5e Air Conditioning: Yes No Type: Window Unit Central Tonnage: **1.5**

6 Air Ducts: Yes No

If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil

40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)

Elec Tank .95 EF Gas Tank .62 EF

Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler

7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

9 Energy Efficiencies:

Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)

Ceiling (R-30) Ceiling (R-49) Wall (R-19)

Low Flow Water: Shower, Faucets, Toilets Lighting: 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: **Hayne Street AMP 8 2br**

Building: Year Built: **1984** Structure Type: Apt High-Rise RH SD DH

Legend: Apt=Apariment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water

OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF () 1BR () 2BR (20) 3BR () 4BR () 5BR () 6BR ()

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement

2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)

3 # of Stories in Unit: **1** One or Two Building has multiple stories

4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC

5a Heating Fuel: Electric Natural Gas Other: _____

5b Is Heating Individually Metered? Yes No

5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)

Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts electric or _ natural gas
Heat Pump Efficiency Rating: SEER: **14** HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: Conditioned Space Unconditioned Space (attic/garage)

5e Air Conditioning: Yes No Type: Window Unit Central Tonage: **1.5**

6 Air Ducts: Yes No
If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil

40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)

Elec Tank .95 EF Gas Tank .62 EF

Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler

7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

9 Energy Efficiencies:

Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)

Low Flow Water: Shower, Faucets, Toilets **Lighting:** 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: **Hayne Street AMP 8 3br**

Building: Year Built: **1984** Structure Type: Apt High-Rise RH SD DH

Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water

OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF () 1BR () 2BR () 3BR (12) 4BR () 5BR () 6BR ()

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement

2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)

3 # of Stories in Unit: **1** One or _____ Two Building has multiple stories

4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC

5a Heating Fuel: Electric Natural Gas Other: _____

5b Is Heating Individually Metered? Yes No

5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)

Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts electric or _ natural gas
Heat Pump Efficiency Rating: SEER: **14** HSPF: _____

Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: Conditioned Space Unconditioned Space (attic/garage)

5e Air Conditioning: Yes No Type: Window Unit Central Tonnage: **1.5**

6 Air Ducts: Yes No
If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil

40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)

Elec Tank .95 EF Gas Tank .62 EF

Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler

7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

9 Energy Efficiencies:

Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)

Low Flow Water: Shower, Faucets, Toilets Lighting: 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: **Hayne Street AMP 8 4br**

Building: Year Built: **1984** Structure Type: Apt High-Rise RH SD DH
Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water
OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF () 1BR () 2BR () 3BR () 4BR (8) 5BR () 6BR ()

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement
2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)
3 # of Stories in Unit: **1** One or Two Building has multiple stories
4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC
5a Heating Fuel: Electric Natural Gas Other: _____
5b Is Heating Individually Metered? Yes No
5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts electric or _ natural gas
Heat Pump Efficiency Rating: SEER: **14** HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: Conditioned Space Unconditioned Space (attic/garage)

5e Air Conditioning: Yes No Type: Window Unit Central Tonage: **1.5**

6 Air Ducts: Yes No
If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler

7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

9 **Energy Efficiencies:**
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets **Lighting:** 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for each development/property and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. Blue text represents energy efficiency measures/equipment.

Development Name & No.: 6th Avenue AMP 8 1br

Building: Year Built: 1985 Structure Type: Apt High-Rise RH SD DH

Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: X Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas X Water

OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF 1BR (4) 2BR 3BR 4BR 5BR 6BR

1 Foundation Type: X Concrete Slab Pier-Beam (Crawl Space) Basement

2 Window Type: Single Pane X Double Pane Low-E Double Pane/Vinyl
U-Factor: SHGC: (Solar Heat Gain Coefficient)

3 # of Stories in Unit: 1 One or Two Building has multiple stories

4 Exterior Veneer/Cladding: Siding X Brick Stucco Other:

HVAC

5a Heating Fuel: X Electric Natural Gas Other:

5b Is Heating Individually Metered? Yes No X

5c Heating Type: Electric Baseboard X Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)

Energy Efficiencies Models

X Heat Pump X Forced Air Furnace w/ducts X electric or _ natural gas
Heat Pump Efficiency Rating: SEER: 14 HSPF:
Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: X Conditioned Space Unconditioned Space (attic/garage)

5e Air Conditioning: X Yes No Type: Window Unit X Central Tonage: 1.5

6 Air Ducts: X Yes No

If Yes, Location: Conditioned Space X Unconditioned Space (attic)

7a Water Heater: X Electric (30 gal) Natural Gas (30 gal) Oil

40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
Elec Tank .95 EF Gas Tank .62 EF
Elec Tankless Gas Tankless .80 EF or higher
(additional information is needed)

7b Water Heater Type: X Individual units Central Boiler

7c Water Htr Location: X Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: X Electric Natural Gas

Energy Efficiencies:

Insulation: Ceiling (R-20)(min.) Ceiling (R-38) X Wall (R-13)
Ceiling (R-30) Ceiling (R-49) Wall (R-19)

Low Flow Water: Shower, Faucets, Toilets Lighting: X 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating:

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: **8th Avenue AMP 8 2br**

Building: Year Built: **1985** Structure Type: Apt High-Rise RH SD DH
Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water
OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF () 1BR () 2BR (4) 3BR () 4BR () 5BR () 6BR ()

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement
2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)
3 # of Stories in Unit: **1** One or **Two** Building has multiple stories
4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC
5a Heating Fuel: Electric Natural Gas Other: _____
5b Is Heating Individually Metered? Yes No
5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts electric or _ natural gas
Heat Pump Efficiency Rating: SEER: **14** HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: Conditioned Space Unconditioned Space (attic/garage)

5e Air Conditioning: Yes No Type: Window Unit Central Tonage: **1.5**

6 Air Ducts: Yes No
If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler

7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

9 **Energy Efficiencies:**
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets **Lighting:** 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: **Camelia Ct AMP 8 1br**

Building: Year Built: **1985** Structure Type: Apt High-Rise RH SD DH

Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water

OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF () 1BR (11) 2BR () 3BR () 4BR () 5BR () 6BR ()

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement

2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)

3 # of Stories in Unit: **1** One or _____ Two Building has multiple stories

4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC

5a Heating Fuel: Electric Natural Gas Other: _____

5b Is Heating Individually Metered? Yes No

5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)

Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts electric or _ natural gas
Heat Pump Efficiency Rating: SEER: **14** HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: Conditioned Space Unconditioned Space (attic/garage)

5e Air Conditioning: Yes No Type: Window Unit Central Tonnage: **1.5**

6 Air Ducts: Yes No

If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil

40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler

7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

9 Energy Efficiencies:

Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)

Low Flow Water: Shower, Faucets, Toilets Lighting: 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for each development/property and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. Blue text represents energy efficiency measures/equipment.

Development Name & No.: Camelia Court AMP 8 1br

Building: Year Built: 1985 Structure Type: Apt High-Rise RH X SD DH
Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: X Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric X Natural Gas X Water
OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF 1BR (14) 2BR 3BR 4BR 5BR 6BR

1 Foundation Type: X Concrete Slab Pier-Beam (Crawl Space) Basement
2 Window Type: Single Pane X Double Pane Low-E Double Pane/Vinyl
U-Factor: SHGC: (Solar Heat Gain Coefficient)
3 # of Stories in Unit: 1 One or Two Building has multiple stories
4 Exterior Veneer/Cladding: Siding X Brick Stucco Other:

HVAC

5a Heating Fuel: X Electric Natural Gas Other:
5b Is Heating Individually Metered? Yes X No
5c Heating Type: Electric Baseboard X Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies X Heat Pump X Forced Air Furnace w/ducts X electric or _ natural gas
Models Heat Pump Efficiency Rating: SEER: 14 HSPF:
Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: X Conditioned Space Unconditioned Space (attic/garage)

5e Air Conditioning: X Yes No Type: Window Unit X Central Tonnage: 1.5

6 Air Ducts: X Yes No
If Yes, Location: Conditioned Space X Unconditioned Space (attic)

7a Water Heater: X Electric (30 gal) Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)
Elec Tank .95 EF Gas Tank .62 EF
Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: X Individual units Central Boiler

7c Water Htr Location: X Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric X Natural Gas

9 Energy Efficiencies:
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) X Wall (R-13)
Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets Lighting: X 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating:

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: Attucks Court AMP 5 Units 69-76 / 113-120

Building: Year Built: 1940 Structure Type: Apt High-Rise RH SD DH

Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water

OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF (___) 1BR (12) 2BR (4) 3BR (___) 4BR (___) 5BR (___) 6BR (___)

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement
 2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
 U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)
 3 # of Stories in Unit: ___ One or 1 Two Building has multiple stories
 4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC
 5a Heating Fuel: Electric Natural Gas Other: _____
 5b Is Heating Individually Metered? Yes No
 5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts ___electric or ___natural gas
 Heat Pump Efficiency Rating: SEER: 14 HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: Conditioned Space Unconditioned Space (attic/garage)

5e Air Conditioning: Yes No Type: Window Unit Central Tonnage: 1.5

6 Air Ducts: Yes No
 If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler

7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

9 **Energy Efficiencies:**
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets **Lighting:** 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: Attucks Court AMP 5 Units 5-12 / 13-20 / 29-36 / 21-28 / 45-52 / 87-94 / 95-102

Building: Year Built: 1940 Structure Type: Apt High-Rise RH SD DH

Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water

OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF (8) 1BR (16) 2BR (8) 3BR () 4BR () 5BR () 6BR ()

1	Foundation Type:	<input checked="" type="checkbox"/> Concrete Slab	<input checked="" type="checkbox"/> Pier-Beam (Crawl Space)	<input type="checkbox"/> Basement
2	Window Type:	<input type="checkbox"/> Single Pane	<input checked="" type="checkbox"/> Double Pane Low-E	<input type="checkbox"/> Double Pane/Vinyl
	U-Factor: _____ SHGC: _____	(Solar Heat Gain Coefficient)		
3	# of Stories in Unit:	<u>1</u> One or <u> </u> Two	<input type="checkbox"/> Building has multiple stories	
4	Exterior Veneer/Cladding:	<input type="checkbox"/> Siding <input checked="" type="checkbox"/> Brick <input checked="" type="checkbox"/> Stucco <input type="checkbox"/> Other: _____		

HVAC

5a	Heating Fuel:	<input checked="" type="checkbox"/> Electric	<input type="checkbox"/> Natural Gas	<input type="checkbox"/> Other: _____
5b	Is Heating Individually Metered?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
5c	Heating Type:	<input type="checkbox"/> Electric Baseboard	<input checked="" type="checkbox"/> Forced Air Furnace/Wall unit (80 AFUE)	<input type="checkbox"/> Central Boiler (radiant)
	Energy Efficiencies Models	<input checked="" type="checkbox"/> Heat Pump	<input type="checkbox"/> Forced Air Furnace w/ducts ___electric or ___natural gas	
		Heat Pump Efficiency Rating: SEER: <u>14</u> HSPF: _____		
		<input type="checkbox"/> Solar Panels Installed	<input type="checkbox"/> (High Efficiency) Gas Furnace (90 AFUE)	
		<small>(additional information is needed)</small>		

5d	Heating Equipment Location:	<input checked="" type="checkbox"/> Conditioned Space	<input type="checkbox"/> Unconditioned Space (attic/garage)	
5e	Air Conditioning:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Type: <input type="checkbox"/> Window Unit <input checked="" type="checkbox"/> Central	Tonage: <u>1.5</u>

6	Air Ducts:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
	If Yes, Location:	<input type="checkbox"/> Conditioned Space	<input type="checkbox"/> Unconditioned Space (attic)	

7a	Water Heater:	<input type="checkbox"/> Electric (30 gal)	<input checked="" type="checkbox"/> Natural Gas (30 gal)	<input type="checkbox"/> Oil
	40-50 gallon	<input type="checkbox"/> Elec Tank .90 EF	<input checked="" type="checkbox"/> Gas Tank .58 EF	<input type="checkbox"/> Solar Water Heating
		<input type="checkbox"/> Elec Tank .95 EF	<input type="checkbox"/> Gas Tank .62 EF	<small>(additional information is needed)</small>
		<input type="checkbox"/> Elec Tankless	<input type="checkbox"/> Gas Tankless .80 EF or higher	

7b	Water Heater Type:	<input checked="" type="checkbox"/> Individual units	<input type="checkbox"/> Central Boiler	
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7c	Water Htr Location:	<input checked="" type="checkbox"/> Conditioned Space	<input type="checkbox"/> Unconditioned Space (attic/garage)	
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8	Stove/Range:	<input type="checkbox"/> Electric	<input checked="" type="checkbox"/> Natural Gas	
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9	Energy Efficiencies:			
	Insulation:	<input checked="" type="checkbox"/> Ceiling (R-20)(min.)	<input type="checkbox"/> Ceiling (R-38)	<input type="checkbox"/> Wall (R-13)
		<input type="checkbox"/> Ceiling (R-30)	<input type="checkbox"/> Ceiling (R-49)	<input type="checkbox"/> Wall (R-19)
	Low Flow Water:	<input type="checkbox"/> Shower, Faucets, Toilets		Lighting: <input checked="" type="checkbox"/> 100% CFL <input type="checkbox"/> 100% LED

10	<input type="checkbox"/> GeoThermal (HVAC and DHW) COP Rating: _____
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Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: Attucks Court AMP 5 Units 53-62 / 77-86 / 103-112

Building: Year Built: 1940 Structure Type: Apt High-Rise RH SD DH
 Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water
 OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF (___) 1BR (___) 2BR (18) 3BR (12) 4BR (___) 5BR (___) 6BR (___)

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement
 2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
 U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)
 3 # of Stories in Unit: ___ One or 2 Two Building has multiple stories
 4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC
 5a Heating Fuel: Electric Natural Gas Other: _____
 5b Is Heating Individually Metered? Yes No
 5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts ___electric or ___natural gas
 Heat Pump Efficiency Rating: SEER: 14 HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: Conditioned Space Unconditioned Space (attic/garage)
 5e Air Conditioning: Yes No Type: Window Unit Central Tonnage: 1.5

6 Air Ducts: Yes No
 If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler
 7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

9 **Energy Efficiencies:**
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets **Lighting:** 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments: Water heaters are shared by two and three units.

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: Attucks Court AMP 5 Units 1/4 37/40 41/44

Building: Year Built: 1940 Structure Type: Apt High-Rise RH SD DH
Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water
OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF () 1BR (6) 2BR (3) 3BR (3) 4BR () 5BR () 6BR ()

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement
2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)
3 # of Stories in Unit: One or Two Building has multiple stories
4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC
5a Heating Fuel: Electric Natural Gas Other: _____
5b Is Heating Individually Metered? Yes No
5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts electric or natural gas
Heat Pump Efficiency Rating: SEER: 14 HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: Conditioned Space Unconditioned Space (attic/garage)
5e Air Conditioning: Yes No Type: Window Unit Central Tonnage: 1.5

6 Air Ducts: Yes No
If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler **X2**
7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

9 **Energy Efficiencies:**
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets **Lighting:** 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency: **AREA HOUSING COMMISSION**

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: Attucks Court AMP 5 Units 121-126/133-138/139-144/151-156

Building: Year Built: 1940 Structure Type: Apt High-Rise RH SD DH
 Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water
 OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF () 1BR () 2BR (2) 3BR (4) 4BR () 5BR () 6BR ()

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement
 2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
 U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)
 3 # of Stories in Unit: _____ One or Two Building has multiple stories
 4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC
 5a Heating Fuel: Electric Natural Gas Other: _____
 5b Is Heating Individually Metered? Yes No
 5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts ___electric or ___natural gas
 Heat Pump Efficiency Rating: SEER: 14 HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
 (additional information is needed)

5d Heating Equipment Location: Conditioned Space Unconditioned Space (attic/garage)
 5e Air Conditioning: Yes No Type: Window Unit Central Tonnage: 1.5

6 Air Ducts: Yes No
 If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
 (additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler

7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

9 **Energy Efficiencies:**
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets **Lighting:** 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: Attucks Court AMP 5 Units 121-126

Building: Year Built: 1940 Structure Type: Apt High-Rise RH SD DH
Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water
OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF (___) 1BR (___) 2BR (___) 3BR (6) 4BR (___) 5BR (___) 6BR (___)

1 **Foundation Type:** Concrete Slab Pier-Beam (Crawl Space) Basement
 2 **Window Type:** Single Pane Double Pane Low-E Double Pane/Vinyl
U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)
 3 **# of Stories in Unit:** One or Two Building has multiple stories
 4 **Exterior Veneer/Cladding:** Siding Brick Stucco Other: _____

HVAC
 5a **Heating Fuel:** Electric Natural Gas Other: _____
 5b **Is Heating Individually Metered?** Yes No
 5c **Heating Type:** Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts ___electric or ___natural gas
Heat Pump Efficiency Rating: SEER: 14 HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d **Heating Equipment Location:**
 Conditioned Space Unconditioned Space (attic/garage)
 5e **Air Conditioning:** Yes No Type: Window Unit Central Tonnage: 1.5

6 **Air Ducts:** Yes No
If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a **Water Heater:** Electric (30 gal) Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b **Water Heater Type:** Individual units Central Boiler
 7c **Water Htr Location:** Conditioned Space Unconditioned Space (attic/garage)

8 **Stove/Range:** Electric Natural Gas

9 **Energy Efficiencies:**
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets **Lighting:** 100% CFL 100% LED

10 **GeoThermal** (HVAC and DHW) COP Rating: _____

Notes/Comments:

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: **Attucks Court AMP 5** Unit **127/128**

Building: Year Built: **1940** Structure Type: Apt High-Rise RH SD DH
 Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water
 OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF () 1BR () 2BR () 3BR (X) 4BR () 5BR () 6BR ()

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement
 2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
 U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)
 3 # of Stories in Unit: One or Two Building has multiple stories
 4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC
 5a Heating Fuel: Electric Natural Gas Other: _____
 5b Is Heating Individually Metered? Yes No
 5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts ___electric or ___natural gas
 Heat Pump Efficiency Rating: SEER: 14 HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
 (additional information is needed)

5d Heating Equipment Location: Conditioned Space Unconditioned Space (attic/garage)
 5e Air Conditioning: Yes No Type: Window Unit Central Tonnage: 1.5

6 Air Ducts: Yes No
 If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
 (additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler
 7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

9 **Energy Efficiencies:**
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets **Lighting:** 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: Attucks Court AMP 5 Units 129/132 145/148 167/170

Building: Year Built: 1940 Structure Type: Apt High-Rise RH SD DH
 Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water
 OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF () 1BR () 2BR (3) 3BR (3) 4BR () 5BR () 6BR ()

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement
 2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
 U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)
 3 # of Stories in Unit: _____ One or Two Building has multiple stories
 4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC
 5a Heating Fuel: Electric Natural Gas Other: _____
 5b Is Heating Individually Metered? Yes No
 5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts ___electric or ___natural gas
 Heat Pump Efficiency Rating: SEER: 14 HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: Conditioned Space Unconditioned Space (attic/garage)
 5e Air Conditioning: Yes No Type: Window Unit Central Tonnage: 1.5

6 Air Ducts: Yes No
 If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler **X2**
 7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

9 **Energy Efficiencies:**
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets **Lighting:** 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments:

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: Attucks Court AMP 5 Units 129/132 145/148

Building: Year Built: 1940 Structure Type: Apt High-Rise RH SD DH
 Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water
 OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF () 1BR () 2BR (2) 3BR (2) 4BR () 5BR () 6BR ()

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement
 2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
 U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)
 3 # of Stories in Unit: One or Two Building has multiple stories
 4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC
 5a Heating Fuel: Electric Natural Gas Other: _____
 5b Is Heating Individually Metered? Yes No
 5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts ___electric or ___natural gas
 Heat Pump Efficiency Rating: SEER: 14 HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
 (additional information is needed)

5d Heating Equipment Location: Conditioned Space Unconditioned Space (attic/garage)
 5e Air Conditioning: Yes No Type: Window Unit Central Tonnage: 1.5

6 Air Ducts: Yes No
 If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
 (additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler **X2**
 7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

9 **Energy Efficiencies:**
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets **Lighting:** 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: Attucks Court AMP 5 Units 149/150 - 171/172

Building: Year Built: 1940 Structure Type: Apt High-Rise RH SD DH
Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water
OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF () 1BR () 2BR () 3BR () 4BR (2) 5BR () 6BR ()

1 **Foundation Type:** Concrete Slab Pier-Beam (Crawl Space) Basement
 2 **Window Type:** Single Pane Double Pane Low-E Double Pane/Vinyl
U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)
 3 **# of Stories in Unit:** One or Two Building has multiple stories
 4 **Exterior Veneer/Cladding:** Siding Brick Stucco Other: _____

HVAC
 5a **Heating Fuel:** Electric Natural Gas Other: _____
 5b **Is Heating Individually Metered?** Yes No
 5c **Heating Type:** Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts ___electric or ___natural gas
Heat Pump Efficiency Rating: SEER: 14 HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d **Heating Equipment Location:**
 Conditioned Space Unconditioned Space (attic/garage)
 5e **Air Conditioning:** Yes No Type: Window Unit Central Tonnage: 1.5

6 **Air Ducts:** Yes No
If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a **Water Heater:** Electric (30 gal) Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b **Water Heater Type:** Individual units Central Boiler
 7c **Water Htr Location:** Conditioned Space Unconditioned Space (attic/garage)

8 **Stove/Range:** Electric Natural Gas

9 **Energy Efficiencies:**
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets **Lighting:** 100% CFL 100% LED

10 **GeoThermal** (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: Attucks Court AMP 5 127-128

Building: Year Built: 1940 Structure Type: Apt High-Rise RH SD DH
 Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water
 OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF (___) 1BR (___) 2BR (___) 3BR (X) 4BR (___) 5BR (___) 6BR (___)

1 **Foundation Type:** Concrete Slab Pier-Beam (Crawl Space) Basement
 2 **Window Type:** Single Pane Double Pane Low-E Double Pane/Vinyl
 U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)
 3 **# of Stories in Unit:** One or Two Building has multiple stories
 4 **Exterior Veneer/Cladding:** Siding Brick Stucco Other: _____

HVAC
 5a **Heating Fuel:** Electric Natural Gas Other: _____
 5b **Is Heating Individually Metered?** Yes No
 5c **Heating Type:** Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts ___electric or ___natural gas
 Heat Pump Efficiency Rating: SEER: 14 HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
 (additional information is needed)

5d **Heating Equipment Location:**
 Conditioned Space Unconditioned Space (attic/garage)

5e **Air Conditioning:** Yes No Type: Window Unit Central Tonnage: 1.5

6 **Air Ducts:** Yes No
 If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a **Water Heater:** Electric (30 gal) Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
 (additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b **Water Heater Type:** Individual units Central Boiler

7c **Water Htr Location:** Conditioned Space Unconditioned Space (attic/garage)

8 **Stove/Range:** Electric Natural Gas

9 **Energy Efficiencies:**
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets **Lighting:** 100% CFL 100% LED

10 **GeoThermal** (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: Attucks Court AMP 5 Units 157-162

Building: Year Built: 1940 Structure Type: Apt High-Rise RH SD DH
 Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water
 OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF (___) 1BR (___) 2BR (6) 3BR (___) 4BR (___) 5BR (___) 6BR (___)

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement
 2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
 U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)
 3 # of Stories in Unit: ___ One or Two Building has multiple stories
 4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC
 5a Heating Fuel: Electric Natural Gas Other: _____
 5b Is Heating Individually Metered? Yes No
 5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts ___electric or ___natural gas
 Heat Pump Efficiency Rating: SEER: 14 HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: Conditioned Space Unconditioned Space (attic/garage)
 5e Air Conditioning: Yes No Type: Window Unit Central Tonnage: 1.5

6 Air Ducts: Yes No
 If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil
 40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler
 7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

9 **Energy Efficiencies:**
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets **Lighting:** 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: Attucks Court AMP 5 163-164

Building: Year Built: 1940 Structure Type: Apt High-Rise RH SD DH
 Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water
 OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF () 1BR () 2BR () 3BR () 4BR () 5BR (2) 6BR ()

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement
 2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
 U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)
 3 # of Stories in Unit: One or Two Building has multiple stories
 4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC
 5a Heating Fuel: Electric Natural Gas Other: _____
 5b Is Heating Individually Metered? Yes No
 5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts ___electric or ___natural gas
 Heat Pump Efficiency Rating: SEER: 14 HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location: Conditioned Space Unconditioned Space (attic/garage)
 5e Air Conditioning: Yes No Type: Window Unit Central Tonnage: 1.5

6 Air Ducts: Yes No
 If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler
 7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

9 **Energy Efficiencies:**
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets **Lighting:** 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: Attucks Court AMP 5 165-166

Building: Year Built: 1940 Structure Type: Apt High-Rise RH SD DH
 Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water
 OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF () 1BR () 2BR (2) 3BR () 4BR () 5BR () 6BR ()

1 **Foundation Type:** Concrete Slab Pier-Beam (Crawl Space) Basement
 2 **Window Type:** Single Pane Double Pane Low-E Double Pane/Vinyl
 U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)
 3 **# of Stories in Unit:** One or Two Building has multiple stories
 4 **Exterior Veneer/Cladding:** Siding Brick Stucco Other: _____

HVAC
 5a **Heating Fuel:** Electric Natural Gas Other: _____
 5b **Is Heating Individually Metered?** Yes No
 5c **Heating Type:** Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts ___electric or ___natural gas
 Heat Pump Efficiency Rating: SEER: 14 HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d **Heating Equipment Location:**
 Conditioned Space Unconditioned Space (attic/garage)
 5e **Air Conditioning:** Yes No Type: Window Unit Central Tonnage: 1.5

6 **Air Ducts:** Yes No
 If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a **Water Heater:** Electric (30 gal) Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b **Water Heater Type:** Individual units Central Boiler
 7c **Water Htr Location:** Conditioned Space Unconditioned Space (attic/garage)

8 **Stove/Range:** Electric Natural Gas

9 **Energy Efficiencies:**
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets **Lighting:** 100% CFL 100% LED

10 **GeoThermal** (HVAC and DHW) COP Rating: _____

Notes/Comments:

Housing Agency:

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

Please check appropriate box(s) for **each development/property** and note if different for other bedroom sizes in property. NOTE: Use separate form if criteria is different for BR sizes or more than one building type per property. **Blue text represents energy efficiency measures/equipment.**

Development Name & No.: Attucks Court AMP 5 Units 63-69

Building: Year Built: 1940 Structure Type: Apt High-Rise RH SD DH
 Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House

Resident-Paid Utilities: Electric Natural Gas Water Sewer Trash

Agency-Paid Check-Metered Utilities: Electric Natural Gas Water
 OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered)

Bedroom Sizes: OBR/EFF () 1BR (12) 2BR (4) 3BR () 4BR () 5BR () 6BR ()

1 Foundation Type: Concrete Slab Pier-Beam (Crawl Space) Basement
 2 Window Type: Single Pane Double Pane Low-E Double Pane/Vinyl
 U-Factor: _____ SHGC: _____ (Solar Heat Gain Coefficient)
 3 # of Stories in Unit: _____ One or 1 Two Building has multiple stories
 4 Exterior Veneer/Cladding: Siding Brick Stucco Other: _____

HVAC
 5a Heating Fuel: Electric Natural Gas Other: _____
 5b Is Heating Individually Metered? Yes No
 5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Central Boiler (radiant)
Energy Efficiencies Models Heat Pump Forced Air Furnace w/ducts ___electric or ___natural gas
 Heat Pump Efficiency Rating: SEER: 14 HSPF: _____
 Solar Panels Installed (High Efficiency) Gas Furnace (90 AFUE)
(additional information is needed)

5d Heating Equipment Location:
 Conditioned Space Unconditioned Space (attic/garage)
 5e Air Conditioning: Yes No Type: Window Unit Central Tonnage: 1.5

6 Air Ducts: Yes No
 If Yes, Location: Conditioned Space Unconditioned Space (attic)

7a Water Heater: Electric (30 gal) Natural Gas (30 gal) Oil
40-50 gallon Elec Tank .90 EF Gas Tank .58 EF Solar Water Heating
(additional information is needed)
 Elec Tank .95 EF Gas Tank .62 EF
 Elec Tankless Gas Tankless .80 EF or higher

7b Water Heater Type: Individual units Central Boiler
 7c Water Htr Location: Conditioned Space Unconditioned Space (attic/garage)

8 Stove/Range: Electric Natural Gas

9 **Energy Efficiencies:**
Insulation: Ceiling (R-20)(min.) Ceiling (R-38) Wall (R-13)
 Ceiling (R-30) Ceiling (R-49) Wall (R-19)
Low Flow Water: Shower, Faucets, Toilets Lighting: 100% CFL 100% LED

10 GeoThermal (HVAC and DHW) COP Rating: _____

Notes/Comments:

DEVELOPMENT REPORTS

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_1BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Moreno Ct_SD_1BR

Builder

Area Housing Commission,
FL

Annual Energy Cost

Electric	\$323
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Annual End-Use Cost

Heating	\$29
Cooling	\$0
Water Heating	\$0
Lights & Appliances	\$230
Onsite Generation	-\$0
Service Charges	\$64
Total	\$323

Annual End-Use Consumption

Heating [Electric kWh]	356.3
Hot Water [Natural Gas Therms]	98.1
Lights & Appliances [Natural Gas Therms]	25.3
Lights & Appliances [Electric kWh]	2,767.2
Total [Natural Gas Therms]	123.4
Total [Electric kWh]	3,123.5
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	0.67
Peak Summer kW	0.49

Utility Rates

Electricity	Default Electric Provider0
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_1BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Moreno Ct_SD_1BR

Builder

Area Housing
Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	336.2	28
Electric Appliances [kWh/Year]	2,431.0	202
Fossil Fuel Appliances [MBtu/Year]	2.5	0
Total	-	230

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	304.5	25
Exterior Lighting	31.8	3
Garage Lighting	0.0	0
Total	336.2	28

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	2.5	0
Total	2.5	0

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	170.3	14
Range/Oven	25.3	2
Refrigerator	529.0	44
Clothes Dryer	511.0	43
Clothes Washer	68.7	6
Mechanical Ventilation	0.0	0
Ceiling Fan	153.3	13
Television	482.0	40
Miscellaneous	491.4	41
Total	2,431.0	202

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_2BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Moreno Ct_SD_2BR

Builder

Area Housing Commission,
FL

Annual Energy Cost

Electric	\$376
----------	-------

Annual End-Use Cost

Heating	\$37
Cooling	\$0
Water Heating	\$0
Lights & Appliances	\$275
Onsite Generation	-\$0
Service Charges	\$64
Total	\$376

Annual End-Use Consumption

Heating [Electric kWh]	452.3
Hot Water [Natural Gas Therms]	114.6
Lights & Appliances [Natural Gas Therms]	28.0
Lights & Appliances [Electric kWh]	3,307.3
Total [Natural Gas Therms]	142.6
Total [Electric kWh]	3,759.6
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	0.86
Peak Summer kW	0.58

Utility Rates

Electricity	Default Electric Provider0
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Lighting and Appliances



Property

Area Housing Commission, FL
 Pensacola, FL 32502
 Model: SD_2BR

Organization

Fox Energy Specialists
 James Rodriguez

Inspection Status

Results are projected

Moreno Ct_SD_2BR

Builder

Area Housing
 Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	387.9	32
Electric Appliances [kWh/Year]	2,919.4	243
Fossil Fuel Appliances [MBtu/Year]	2.8	0
Total	-	275

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	353.9	29
Exterior Lighting	34.0	3
Garage Lighting	0.0	0
Total	387.9	32

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	2.8	0
Total	2.8	0

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	218.5	18
Range/Oven	28.0	2
Refrigerator	529.0	44
Clothes Dryer	623.9	52
Clothes Washer	83.9	7
Mechanical Ventilation	0.0	0
Ceiling Fan	230.0	19
Television	551.0	46
Miscellaneous	655.2	55
Total	2,919.4	243

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_3BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Moreno Ct_SD_3BR

Builder

Area Housing Commission,
FL

Annual Energy Cost

Electric	\$434
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Annual End-Use Cost

Heating	\$47
Cooling	\$0
Water Heating	\$0
Lights & Appliances	\$322
Onsite Generation	-\$0
Service Charges	\$64
Total	\$434

Annual End-Use Consumption

Heating [Electric kWh]	581.1
Hot Water [Natural Gas Therms]	130.1
Lights & Appliances [Natural Gas Therms]	30.7
Lights & Appliances [Electric kWh]	3,877.3
Total [Natural Gas Therms]	160.8
Total [Electric kWh]	4,458.4
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	1.08
Peak Summer kW	0.68

Utility Rates

Electricity	Default Electric Provider0
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_3BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Moreno Ct_SD_3BR

Builder

Area Housing
Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	446.7	37
Electric Appliances [kWh/Year]	3,430.6	285
Fossil Fuel Appliances [MBtu/Year]	3.1	0
Total	-	322

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	410.2	34
Exterior Lighting	36.6	3
Garage Lighting	0.0	0
Total	446.7	37

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	3.1	0
Total	3.1	0

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	266.7	22
Range/Oven	30.7	3
Refrigerator	529.0	44
Clothes Dryer	736.7	61
Clothes Washer	99.1	8
Mechanical Ventilation	0.0	0
Ceiling Fan	306.6	25
Television	620.0	52
Miscellaneous	841.8	70
Total	3,430.6	285

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_2BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



J Street_SD_2BR

Builder

Area Housing Commission,
FL

Annual Energy Cost

Electric	\$376
----------	-------

Annual End-Use Cost

Heating	\$37
Cooling	\$0
Water Heating	\$0
Lights & Appliances	\$275
Onsite Generation	-\$0
Service Charges	\$64
Total	\$376

Annual End-Use Consumption

Heating [Electric kWh]	452.3
Hot Water [Natural Gas Therms]	114.6
Lights & Appliances [Natural Gas Therms]	28.0
Lights & Appliances [Electric kWh]	3,307.3
Total [Natural Gas Therms]	142.6
Total [Electric kWh]	3,759.6
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	0.86
Peak Summer kW	0.58

Utility Rates

Electricity	Default Electric Provider0
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Lighting and Appliances



Property

Area Housing Commission, FL
 Pensacola, FL 32502
 Model: SD_2BR

Organization

Fox Energy Specialists
 James Rodriguez

Inspection Status

Results are projected

J Street_SD_2BR

Builder

Area Housing
 Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	387.9	32
Electric Appliances [kWh/Year]	2,919.4	243
Fossil Fuel Appliances [MBtu/Year]	2.8	0
Total	-	275

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	353.9	29
Exterior Lighting	34.0	3
Garage Lighting	0.0	0
Total	387.9	32

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	2.8	0
Total	2.8	0

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	218.5	18
Range/Oven	28.0	2
Refrigerator	529.0	44
Clothes Dryer	623.9	52
Clothes Washer	83.9	7
Mechanical Ventilation	0.0	0
Ceiling Fan	230.0	19
Television	551.0	46
Miscellaneous	655.2	55
Total	2,919.4	243

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_3BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



J Street_SD_3BR

Builder

Area Housing Commission,
FL

Annual Energy Cost

Electric	\$434
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Annual End-Use Cost

Heating	\$47
Cooling	\$0
Water Heating	\$0
Lights & Appliances	\$322
Onsite Generation	-\$0
Service Charges	\$64
Total	\$434

Annual End-Use Consumption

Heating [Electric kWh]	581.1
Hot Water [Natural Gas Therms]	130.1
Lights & Appliances [Natural Gas Therms]	30.7
Lights & Appliances [Electric kWh]	3,877.3
Total [Natural Gas Therms]	160.8
Total [Electric kWh]	4,458.4
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	1.08
Peak Summer kW	0.68

Utility Rates

Electricity	Default Electric Provider0
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_3BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

J Street_SD_3BR

Builder

Area Housing
Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	446.7	37
Electric Appliances [kWh/Year]	3,430.6	285
Fossil Fuel Appliances [MBtu/Year]	3.1	0
Total	-	322

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	410.2	34
Exterior Lighting	36.6	3
Garage Lighting	0.0	0
Total	446.7	37

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	3.1	0
Total	3.1	0

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	266.7	22
Range/Oven	30.7	3
Refrigerator	529.0	44
Clothes Dryer	736.7	61
Clothes Washer	99.1	8
Mechanical Ventilation	0.0	0
Ceiling Fan	306.6	25
Television	620.0	52
Miscellaneous	841.8	70
Total	3,430.6	285

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_4BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



J Street_SD_4BR

Builder

Area Housing Commission,
FL

Annual Energy Cost

Electric	\$482
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Annual End-Use Cost

Heating	\$50
Cooling	\$0
Water Heating	\$0
Lights & Appliances	\$368
Onsite Generation	-\$0
Service Charges	\$64
Total	\$482

Annual End-Use Consumption

Heating [Electric kWh]	619.2
Hot Water [Natural Gas Therms]	142.1
Lights & Appliances [Natural Gas Therms]	33.4
Lights & Appliances [Electric kWh]	4,436.5
Total [Natural Gas Therms]	175.5
Total [Electric kWh]	5,055.7
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	1.21
Peak Summer kW	0.78

Utility Rates

Electricity	Default Electric Provider0
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_4BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

J Street_SD_4BR

Builder

Area Housing
Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	503.0	42
Electric Appliances [kWh/Year]	3,933.5	327
Fossil Fuel Appliances [MBtu/Year]	3.3	0
Total	-	368

LIGHTING

Lighting Scheme	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	464.0	39
Exterior Lighting	39.0	3
Garage Lighting	0.0	0
Total	503.0	42

FOSSIL FUEL APPLIANCES

Appliance Type	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	3.3	0
Total	3.3	0

ELECTRIC APPLIANCES

Appliance Type	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	314.9	26
Range/Oven	33.4	3
Refrigerator	529.0	44
Clothes Dryer	849.6	71
Clothes Washer	114.2	9
Mechanical Ventilation	0.0	0
Ceiling Fan	383.3	32
Television	689.0	57
Miscellaneous	1,020.1	85
Total	3,933.5	327

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_1BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Belmont & R Street_SD_1BR

Builder

Area Housing Commission,
FL

Annual Energy Cost

Electric	\$480
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Annual End-Use Cost

Heating	\$42
Cooling	\$0
Water Heating	\$116
Lights & Appliances	\$259
Onsite Generation	-\$0
Service Charges	\$64
Total	\$480

Annual End-Use Consumption

Heating [Electric kWh]	517.0
Hot Water [Electric kWh]	1,396.0
Lights & Appliances [Electric kWh]	3,111.9
Total [Electric kWh]	5,024.8
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	1.12
Peak Summer kW	0.71

Utility Rates

Electricity	Default Electric Provider0
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_1BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Belmont & R Street_SD_1BR

Builder

Area Housing
Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	336.2	28
Electric Appliances [kWh/Year]	2,775.7	231
Fossil Fuel Appliances [MBtu/Year]	0.0	0
Total	-	259

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	304.5	25
Exterior Lighting	31.8	3
Garage Lighting	0.0	0
Total	336.2	28

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	0.0	0
Total	0.0	0

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	170.3	14
Range/Oven	370.0	31
Refrigerator	529.0	44
Clothes Dryer	511.0	42
Clothes Washer	68.7	6
Mechanical Ventilation	0.0	0
Ceiling Fan	153.3	13
Television	482.0	40
Miscellaneous	491.4	41
Total	2,775.7	231

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_1BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Gonzalez Ct_SD_1BR

Builder

Area Housing Commission,
FL

Annual Energy Cost

Electric	\$323
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Annual End-Use Cost

Heating	\$29
Cooling	\$0
Water Heating	\$0
Lights & Appliances	\$230
Onsite Generation	-\$0
Service Charges	\$64
Total	\$323

Annual End-Use Consumption

Heating [Electric kWh]	356.3
Hot Water [Natural Gas Therms]	98.1
Lights & Appliances [Natural Gas Therms]	25.3
Lights & Appliances [Electric kWh]	2,767.2
Total [Natural Gas Therms]	123.4
Total [Electric kWh]	3,123.5
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	0.67
Peak Summer kW	0.49

Utility Rates

Electricity	Default Electric Provider0
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_1BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Gonzalez Ct_SD_1BR

Builder

Area Housing
Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	336.2	28
Electric Appliances [kWh/Year]	2,431.0	202
Fossil Fuel Appliances [MBtu/Year]	2.5	0
Total	-	230

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	304.5	25
Exterior Lighting	31.8	3
Garage Lighting	0.0	0
Total	336.2	28

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	2.5	0
Total	2.5	0

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	170.3	14
Range/Oven	25.3	2
Refrigerator	529.0	44
Clothes Dryer	511.0	43
Clothes Washer	68.7	6
Mechanical Ventilation	0.0	0
Ceiling Fan	153.3	13
Television	482.0	40
Miscellaneous	491.4	41
Total	2,431.0	202

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_2BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Gonzalez Ct_SD_2BR

Builder

Area Housing Commission,
FL

Annual Energy Cost

Electric	\$376
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Annual End-Use Cost

Heating	\$37
Cooling	\$0
Water Heating	\$0
Lights & Appliances	\$275
Onsite Generation	-\$0
Service Charges	\$64
Total	\$376

Annual End-Use Consumption

Heating [Electric kWh]	452.3
Hot Water [Natural Gas Therms]	114.6
Lights & Appliances [Natural Gas Therms]	28.0
Lights & Appliances [Electric kWh]	3,307.3
Total [Natural Gas Therms]	142.6
Total [Electric kWh]	3,759.6
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	0.86
Peak Summer kW	0.58

Utility Rates

Electricity	Default Electric Provider0
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Lighting and Appliances



Property

Area Housing Commission, FL
 Pensacola, FL 32502
 Model: SD_2BR

Organization

Fox Energy Specialists
 James Rodriguez

Inspection Status

Results are projected

Gonzalez Ct_SD_2BR

Builder

Area Housing
 Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	387.9	32
Electric Appliances [kWh/Year]	2,919.4	243
Fossil Fuel Appliances [MBtu/Year]	2.8	0
Total	-	275

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	353.9	29
Exterior Lighting	34.0	3
Garage Lighting	0.0	0
Total	387.9	32

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	2.8	0
Total	2.8	0

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	218.5	18
Range/Oven	28.0	2
Refrigerator	529.0	44
Clothes Dryer	623.9	52
Clothes Washer	83.9	7
Mechanical Ventilation	0.0	0
Ceiling Fan	230.0	19
Television	551.0	46
Miscellaneous	655.2	55
Total	2,919.4	243

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_3BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Gonzalez Ct_SD_3BR

Builder

Area Housing Commission,
FL

Annual Energy Cost

Electric	\$434
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Annual End-Use Cost

Heating	\$47
Cooling	\$0
Water Heating	\$0
Lights & Appliances	\$322
Onsite Generation	-\$0
Service Charges	\$64
Total	\$434

Annual End-Use Consumption

Heating [Electric kWh]	581.1
Hot Water [Natural Gas Therms]	130.1
Lights & Appliances [Natural Gas Therms]	30.7
Lights & Appliances [Electric kWh]	3,877.3
Total [Natural Gas Therms]	160.8
Total [Electric kWh]	4,458.4
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	1.08
Peak Summer kW	0.68

Utility Rates

Electricity	Default Electric Provider0
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_3BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Gonzalez Ct_SD_3BR

Builder

Area Housing
Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	446.7	37
Electric Appliances [kWh/Year]	3,430.6	285
Fossil Fuel Appliances [MBtu/Year]	3.1	0
Total	-	322

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	410.2	34
Exterior Lighting	36.6	3
Garage Lighting	0.0	0
Total	446.7	37

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	3.1	0
Total	3.1	0

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	266.7	22
Range/Oven	30.7	3
Refrigerator	529.0	44
Clothes Dryer	736.7	61
Clothes Washer	99.1	8
Mechanical Ventilation	0.0	0
Ceiling Fan	306.6	25
Television	620.0	52
Miscellaneous	841.8	70
Total	3,430.6	285

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: APT_2BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Hayne Street_APT_2BR

Builder

Area Housing Authority, FL

Annual Energy Cost

Electric	\$551
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Annual End-Use Cost

Heating	\$33
Cooling	\$0
Water Heating	\$147
Lights & Appliances	\$306
Onsite Generation	-\$0
Service Charges	\$64
Total	\$551

Annual End-Use Consumption

Heating [Electric kWh]	408.9
Hot Water [Electric kWh]	1,782.0
Lights & Appliances [Electric kWh]	3,688.3
Total [Electric kWh]	5,879.2
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	1.27
Peak Summer kW	0.86

Utility Rates

Electricity	Default Electric Provider
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: APT_2BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Hayne Street_APT_2BR

Builder

Area Housing Authority,
FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	387.9	32
Electric Appliances [kWh/Year]	3,300.4	274
Fossil Fuel Appliances [MBtu/Year]	0.0	0
Total	-	306

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	353.9	29
Exterior Lighting	34.0	3
Garage Lighting	0.0	0
Total	387.9	32

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	0.0	0
Total	0.0	0

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	218.5	18
Range/Oven	409.0	34
Refrigerator	529.0	44
Clothes Dryer	623.9	52
Clothes Washer	83.9	7
Mechanical Ventilation	0.0	0
Ceiling Fan	230.0	19
Television	551.0	46
Miscellaneous	655.2	54
Total	3,300.4	274

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: APT_3BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Hayne Street_APT_3BR

Builder

Area Housing Authority, FL

Annual Energy Cost

Electric	\$681
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Annual End-Use Cost

Heating	\$57
Cooling	\$0
Water Heating	\$159
Lights & Appliances	\$402
Onsite Generation	-\$0
Service Charges	\$64
Total	\$681

Annual End-Use Consumption

Heating [Electric kWh]	724.9
Hot Water [Electric kWh]	1,949.1
Lights & Appliances [Electric kWh]	4,896.7
Total [Electric kWh]	7,570.8
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	1.72
Peak Summer kW	1.10

Utility Rates

Electricity	Default Electric Provider
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: APT_3BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Hayne Street_APT_3BR

Builder

Area Housing Authority,
FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	591.1	48
Electric Appliances [kWh/Year]	4,305.6	353
Fossil Fuel Appliances [MBtu/Year]	0.0	0
Total	-	402

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	548.3	45
Exterior Lighting	42.9	4
Garage Lighting	0.0	0
Total	591.1	48

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	0.0	0
Total	0.0	0

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	266.7	22
Range/Oven	448.0	37
Refrigerator	529.0	43
Clothes Dryer	736.7	60
Clothes Washer	99.1	8
Mechanical Ventilation	0.0	0
Ceiling Fan	306.6	25
Television	620.0	51
Miscellaneous	1,299.5	107
Total	4,305.6	353

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: APT_4BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Hayne Street_APT_4BR

Builder

Area Housing Authority, FL

Annual Energy Cost

Electric	\$760
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Annual End-Use Cost

Heating	\$71
Cooling	\$0
Water Heating	\$181
Lights & Appliances	\$443
Onsite Generation	-\$0
Service Charges	\$64
Total	\$760

Annual End-Use Consumption

Heating [Electric kWh]	931.2
Hot Water [Electric kWh]	2,250.7
Lights & Appliances [Electric kWh]	5,468.3
Total [Electric kWh]	8,650.2
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	2.04
Peak Summer kW	1.23

Utility Rates

Electricity	Default Electric Provider
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: APT_4BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Hayne Street_APT_4BR

Builder

Area Housing Authority,
FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	641.7	52
Electric Appliances [kWh/Year]	4,826.7	391
Fossil Fuel Appliances [MBtu/Year]	0.0	0
Total	-	443

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	596.6	48
Exterior Lighting	45.1	4
Garage Lighting	0.0	0
Total	641.7	52

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	0.0	0
Total	0.0	0

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	314.9	26
Range/Oven	487.0	40
Refrigerator	529.0	43
Clothes Dryer	849.6	69
Clothes Washer	114.2	9
Mechanical Ventilation	0.0	0
Ceiling Fan	383.3	31
Television	689.0	56
Miscellaneous	1,459.6	118
Total	4,826.7	391

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_1BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



6th Avenue_SD_1BR

Builder

Area Housing Commission,
FL

Annual Energy Cost

Electric	\$480
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Annual End-Use Cost

Heating	\$42
Cooling	\$0
Water Heating	\$116
Lights & Appliances	\$259
Onsite Generation	-\$0
Service Charges	\$64
Total	\$480

Annual End-Use Consumption

Heating [Electric kWh]	517.0
Hot Water [Electric kWh]	1,396.0
Lights & Appliances [Electric kWh]	3,111.9
Total [Electric kWh]	5,024.8
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	1.12
Peak Summer kW	0.71

Utility Rates

Electricity	Default Electric Provider0
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_1BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

6th Avenue_SD_1BR

Builder

Area Housing
Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	336.2	28
Electric Appliances [kWh/Year]	2,775.7	231
Fossil Fuel Appliances [MBtu/Year]	0.0	0
Total	-	259

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	304.5	25
Exterior Lighting	31.8	3
Garage Lighting	0.0	0
Total	336.2	28

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	0.0	0
Total	0.0	0

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	170.3	14
Range/Oven	370.0	31
Refrigerator	529.0	44
Clothes Dryer	511.0	42
Clothes Washer	68.7	6
Mechanical Ventilation	0.0	0
Ceiling Fan	153.3	13
Television	482.0	40
Miscellaneous	491.4	41
Total	2,775.7	231

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_2BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



8th Avenue_SD_2BR

Builder

Area Housing Commission,
FL

Annual Energy Cost

Electric	\$566
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Annual End-Use Cost

Heating	\$50
Cooling	\$0
Water Heating	\$147
Lights & Appliances	\$305
Onsite Generation	-\$0
Service Charges	\$64
Total	\$566

Annual End-Use Consumption

Heating [Electric kWh]	621.5
Hot Water [Electric kWh]	1,786.6
Lights & Appliances [Electric kWh]	3,688.3
Total [Electric kWh]	6,096.4
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	1.41
Peak Summer kW	0.86

Utility Rates

Electricity	Default Electric Provider0
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_2BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

8th Avenue_SD_2BR

Builder

Area Housing
Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	387.9	32
Electric Appliances [kWh/Year]	3,300.4	273
Fossil Fuel Appliances [MBtu/Year]	0.0	0
Total	-	305

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	353.9	29
Exterior Lighting	34.0	3
Garage Lighting	0.0	0
Total	387.9	32

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	0.0	0
Total	0.0	0

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	218.5	18
Range/Oven	409.0	34
Refrigerator	529.0	44
Clothes Dryer	623.9	52
Clothes Washer	83.9	7
Mechanical Ventilation	0.0	0
Ceiling Fan	230.0	19
Television	551.0	46
Miscellaneous	655.2	54
Total	3,300.4	273

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_1BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Camelia Ct_SD_1BR_All Electric
Camelia Ct_SD_1BR

Builder

Area Housing Commission,
FL

Annual Energy Cost

Electric	\$480
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Annual End-Use Cost

Heating	\$42
Cooling	\$0
Water Heating	\$116
Lights & Appliances	\$259
Onsite Generation	-\$0
Service Charges	\$64
Total	\$480

Annual End-Use Consumption

Heating [Electric kWh]	517.0
Hot Water [Electric kWh]	1,396.0
Lights & Appliances [Electric kWh]	3,111.9
Total [Electric kWh]	5,024.8
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	1.12
Peak Summer kW	0.71

Utility Rates

Electricity	Default Electric Provider0
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_1BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Camelia Ct_SD_1BR_All Electric
Camelia Ct_SD_1BR

Builder

Area Housing
Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	336.2	28
Electric Appliances [kWh/Year]	2,775.7	231
Fossil Fuel Appliances [MBtu/Year]	0.0	0
Total	-	259

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	304.5	25
Exterior Lighting	31.8	3
Garage Lighting	0.0	0
Total	336.2	28

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	0.0	0
Total	0.0	0

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	170.3	14
Range/Oven	370.0	31
Refrigerator	529.0	44
Clothes Dryer	511.0	42
Clothes Washer	68.7	6
Mechanical Ventilation	0.0	0
Ceiling Fan	153.3	13
Television	482.0	40
Miscellaneous	491.4	41
Total	2,775.7	231

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_1BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Camelia Ct_SD_1BR_Gas Stove

Builder

Area Housing Commission,
FL

Annual Energy Cost

Electric	\$450
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Annual End-Use Cost

Heating	\$40
Cooling	\$0
Water Heating	\$116
Lights & Appliances	\$230
Onsite Generation	-\$0
Service Charges	\$64
Total	\$450

Annual End-Use Consumption

Heating [Electric kWh]	492.4
Hot Water [Electric kWh]	1,395.3
Lights & Appliances [Natural Gas Therms]	25.3
Lights & Appliances [Electric kWh]	2,767.2
Total [Natural Gas Therms]	25.3
Total [Electric kWh]	4,655.0
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	1.07
Peak Summer kW	0.65

Utility Rates

Electricity	Default Electric Provider0
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_1BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Camelia Ct_SD_1BR_Gas Stove

Builder

Area Housing
Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	336.2	28
Electric Appliances [kWh/Year]	2,431.0	202
Fossil Fuel Appliances [MBtu/Year]	2.5	0
Total	-	230

LIGHTING

Lighting Scheme	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	304.5	25
Exterior Lighting	31.8	3
Garage Lighting	0.0	0
Total	336.2	28

FOSSIL FUEL APPLIANCES

Appliance Type	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	2.5	0
Total	2.5	0

ELECTRIC APPLIANCES

Appliance Type	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	170.3	14
Range/Oven	25.3	2
Refrigerator	529.0	44
Clothes Dryer	511.0	43
Clothes Washer	68.7	6
Mechanical Ventilation	0.0	0
Ceiling Fan	153.3	13
Television	482.0	40
Miscellaneous	491.4	41
Total	2,431.0	202

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: HR_2BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Attucks Ct_HR_2BR

Builder

Area Housing Authority, FL

Annual Energy Cost

Electric	\$379
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Annual End-Use Cost

Heating	\$40
Cooling	\$0
Water Heating	\$0
Lights & Appliances	\$275
Onsite Generation	-\$0
Service Charges	\$64
Total	\$379

Annual End-Use Consumption

Heating [Electric kWh]	483.8
Hot Water [Natural Gas Therms]	66.5
Lights & Appliances [Natural Gas Therms]	28.0
Lights & Appliances [Electric kWh]	3,307.3
Total [Natural Gas Therms]	94.5
Total [Electric kWh]	3,791.1
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	0.86
Peak Summer kW	0.58

Utility Rates

Electricity	Default Electric Provider
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: HR_2BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Builder

Area Housing Authority,
FL

Attucks Ct_HR_2BR

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	387.9	32
Electric Appliances [kWh/Year]	2,919.4	243
Fossil Fuel Appliances [MBtu/Year]	2.8	0
Total	-	275

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	353.9	29
Exterior Lighting	34.0	3
Garage Lighting	0.0	0
Total	387.9	32

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	2.8	0
Total	2.8	0

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	218.5	18
Range/Oven	28.0	2
Refrigerator	529.0	44
Clothes Dryer	623.9	52
Clothes Washer	83.9	7
Mechanical Ventilation	0.0	0
Ceiling Fan	230.0	19
Television	551.0	46
Miscellaneous	655.2	55
Total	2,919.4	243

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: HR_3BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Builder

Area Housing Authority, FL

Attucks Ct_HR_3BR

Annual Energy Cost

Electric	\$504
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Annual End-Use Cost

Heating	\$68
Cooling	\$0
Water Heating	\$0
Lights & Appliances	\$371
Onsite Generation	-\$0
Service Charges	\$64
Total	\$504

Annual End-Use Consumption

Heating [Electric kWh]	846.0
Hot Water [Natural Gas Therms]	74.8
Lights & Appliances [Natural Gas Therms]	30.7
Lights & Appliances [Electric kWh]	4,479.4
Total [Natural Gas Therms]	105.5
Total [Electric kWh]	5,325.5
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	1.30
Peak Summer kW	0.79

Utility Rates

Electricity	Default Electric Provider
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: HR_3BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Builder

Area Housing Authority,
FL

Attucks Ct_HR_3BR

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	591.1	49
Electric Appliances [kWh/Year]	3,888.3	322
Fossil Fuel Appliances [MBtu/Year]	3.1	0
Total	-	371

LIGHTING

Lighting Scheme	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	548.3	45
Exterior Lighting	42.9	4
Garage Lighting	0.0	0
Total	591.1	49

FOSSIL FUEL APPLIANCES

Appliance Type	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	3.1	0
Total	3.1	0

ELECTRIC APPLIANCES

Appliance Type	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	266.7	22
Range/Oven	30.7	3
Refrigerator	529.0	44
Clothes Dryer	736.7	61
Clothes Washer	99.1	8
Mechanical Ventilation	0.0	0
Ceiling Fan	306.6	25
Television	620.0	51
Miscellaneous	1,299.5	108
Total	3,888.3	322

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Attucks Ct_RH_1BR

Builder

Area Housing Commission,
FL

Annual Energy Cost

Natural Gas	\$154
Electric	\$337

Annual End-Use Cost

Heating	\$43
Cooling	\$0
Water Heating	\$75
Lights & Appliances	\$249
Onsite Generation	-\$0
Service Charges	\$124
Total	\$491

Annual End-Use Consumption

Heating [Electric kWh]	524.6
Hot Water [Natural Gas Therms]	100.1
Lights & Appliances [Natural Gas Therms]	25.3
Lights & Appliances [Electric kWh]	2,767.2
Total [Natural Gas Therms]	125.4
Total [Electric kWh]	3,291.8
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	0.78
Peak Summer kW	0.49

Utility Rates

Electricity	Default Electric Provider
Natural Gas	Default Gas Provider

Lighting and Appliances



Property
Area Housing Commission, FL
Pensacola, FL 32502

Organization
Fox Energy Specialists
James Rodriguez

Inspection Status
Results are projected

Attucks Ct_RH_1BR

Builder
Area Housing
Commission, FL

ANNUAL SUMMARY

Summary	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	336.2	28
Electric Appliances [kWh/Year]	2,431.0	202
Fossil Fuel Appliances [MBtu/Year]	2.5	19
Total	-	249

LIGHTING

Lighting Scheme	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	304.5	25
Exterior Lighting	31.8	3
Garage Lighting	0.0	0
Total	336.2	28

FOSSIL FUEL APPLIANCES

Appliance Type	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	2.5	19
Total	2.5	19

ELECTRIC APPLIANCES

Appliance Type	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	170.3	14
Range/Oven	25.3	2
Refrigerator	529.0	44
Clothes Dryer	511.0	43
Clothes Washer	68.7	6
Mechanical Ventilation	0.0	0
Ceiling Fan	153.3	13
Television	482.0	40
Miscellaneous	491.4	41
Total	2,431.0	202

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: RH_2BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Attucks Ct_RH_2BR

Builder

Area Housing Commission,
FL

Annual Energy Cost

Natural Gas	\$166
Electric	\$385

Annual End-Use Cost

Heating	\$43
Cooling	\$0
Water Heating	\$85
Lights & Appliances	\$298
Onsite Generation	-\$0
Service Charges	\$124
Total	\$550

Annual End-Use Consumption

Heating [Electric kWh]	529.7
Hot Water [Natural Gas Therms]	113.0
Lights & Appliances [Natural Gas Therms]	28.0
Lights & Appliances [Electric kWh]	3,331.2
Total [Natural Gas Therms]	141.0
Total [Electric kWh]	3,861.0
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	0.89
Peak Summer kW	0.58

Utility Rates

Electricity	Default Electric Provider
Natural Gas	Default Gas Provider

Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: RH_2BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Attucks Ct_RH_2BR

Builder

Area Housing
Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	393.6	33
Electric Appliances [kWh/Year]	2,937.6	244
Fossil Fuel Appliances [MBtu/Year]	2.8	21
Total	-	298

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	359.4	30
Exterior Lighting	34.3	3
Garage Lighting	0.0	0
Total	393.6	33

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	2.8	21
Total	2.8	21

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	218.5	18
Range/Oven	28.0	2
Refrigerator	529.0	44
Clothes Dryer	623.9	52
Clothes Washer	83.9	7
Mechanical Ventilation	0.0	0
Ceiling Fan	230.0	19
Television	551.0	46
Miscellaneous	673.4	56
Total	2,937.6	244

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Attucks Ct_RH_1BR

Boiler WH

Builder

Area Housing Commission,
FL

Annual Energy Cost

Natural Gas	\$115
Electric	\$343

Annual End-Use Cost

Heating	\$49
Cooling	\$0
Water Heating	\$36
Lights & Appliances	\$249
Onsite Generation	-\$0
Service Charges	\$124
Total	\$458

Annual End-Use Consumption

Heating [Electric kWh]	595.1
Hot Water [Natural Gas Therms]	48.6
Lights & Appliances [Natural Gas Therms]	25.3
Lights & Appliances [Electric kWh]	2,767.2
Total [Natural Gas Therms]	73.9
Total [Electric kWh]	3,362.3
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	0.84
Peak Summer kW	0.49

Utility Rates

Electricity	Default Electric Provider
Natural Gas	Default Gas Provider

Lighting and Appliances



Property
Area Housing Commission, FL
Pensacola, FL 32502

Organization
Fox Energy Specialists
James Rodriguez

Inspection Status
Results are projected

Attucks Ct_RH_1BR

Builder
Area Housing
Commission, FL

ANNUAL SUMMARY

Summary	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	336.2	28
Electric Appliances [kWh/Year]	2,431.0	202
Fossil Fuel Appliances [MBtu/Year]	2.5	19
Total	-	249

LIGHTING

Lighting Scheme	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	304.5	25
Exterior Lighting	31.8	3
Garage Lighting	0.0	0
Total	336.2	28

FOSSIL FUEL APPLIANCES

Appliance Type	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	2.5	19
Total	2.5	19

ELECTRIC APPLIANCES

Appliance Type	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	170.3	14
Range/Oven	25.3	2
Refrigerator	529.0	44
Clothes Dryer	511.0	43
Clothes Washer	68.7	6
Mechanical Ventilation	0.0	0
Ceiling Fan	153.3	13
Television	482.0	40
Miscellaneous	491.4	41
Total	2,431.0	202

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: RH_2BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Attucks Ct_RH_2BR

Builder

Area Housing Commission,
FL

Boiler w/H

Annual Energy Cost

Natural Gas	\$129
Electric	\$390

Annual End-Use Cost

Heating	\$49
Cooling	\$0
Water Heating	\$48
Lights & Appliances	\$298
Onsite Generation	-\$0
Service Charges	\$124
Total	\$519

Annual End-Use Consumption

Heating [Electric kWh]	597.1
Hot Water [Natural Gas Therms]	63.8
Lights & Appliances [Natural Gas Therms]	28.0
Lights & Appliances [Electric kWh]	3,331.2
Total [Natural Gas Therms]	91.8
Total [Electric kWh]	3,928.3
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	0.92
Peak Summer kW	0.58

Utility Rates

Electricity	Default Electric Provider
Natural Gas	Default Gas Provider

Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: RH_2BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Attucks Ct_RH_2BR

Builder

Area Housing
Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	393.6	33
Electric Appliances [kWh/Year]	2,937.6	244
Fossil Fuel Appliances [MBtu/Year]	2.8	21
Total	-	298

LIGHTING

Lighting Scheme	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	359.4	30
Exterior Lighting	34.3	3
Garage Lighting	0.0	0
Total	393.6	33

FOSSIL FUEL APPLIANCES

Appliance Type	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	2.8	21
Total	2.8	21

ELECTRIC APPLIANCES

Appliance Type	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	218.5	18
Range/Oven	28.0	2
Refrigerator	529.0	44
Clothes Dryer	623.9	52
Clothes Washer	83.9	7
Mechanical Ventilation	0.0	0
Ceiling Fan	230.0	19
Television	551.0	46
Miscellaneous	673.4	56
Total	2,937.6	244

Fuel Summary

Property

Area Housing Commission, FL
 Pensacola, FL 32502
 Model: RH_3BR

Organization

Fox Energy Specialists
 James Rodriguez

Inspection Status

Results are projected



Attucks Ct_RH_3BR

Builder

Area Housing Commission,
 FL

Boiler W/H

Annual Energy Cost

Natural Gas	\$141
Electric	\$436

Annual End-Use Cost

Heating	\$49
Cooling	\$0
Water Heating	\$58
Lights & Appliances	\$346
Onsite Generation	-\$0
Service Charges	\$124
Total	\$577

Annual End-Use Consumption

Heating [Electric kWh]	600.1
Hot Water [Natural Gas Therms]	77.9
Lights & Appliances [Natural Gas Therms]	30.7
Lights & Appliances [Electric kWh]	3,883.3
Total [Natural Gas Therms]	108.6
Total [Electric kWh]	4,483.4
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	1.02
Peak Summer kW	0.68

Utility Rates

Electricity	Default Electric Provider
Natural Gas	Default Gas Provider

Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: RH_3BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Builder

Area Housing
Commission, FL

Attucks Ct_RH_3BR

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	448.2	37
Electric Appliances [kWh/Year]	3,435.1	286
Fossil Fuel Appliances [MBtu/Year]	3.1	23
Total	-	346

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	411.5	34
Exterior Lighting	36.6	3
Garage Lighting	0.0	0
Total	448.2	37

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	3.1	23
Total	3.1	23

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	266.7	22
Range/Oven	30.7	3
Refrigerator	529.0	44
Clothes Dryer	736.7	61
Clothes Washer	99.1	8
Mechanical Ventilation	0.0	0
Ceiling Fan	306.6	25
Television	620.0	52
Miscellaneous	846.3	70
Total	3,435.1	286

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: RH_2BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Attucks Ct_RH_2BR_Boiler H&WH

Builder

Area Housing Commission,
FL

Annual Energy Cost

Natural Gas	\$165
Electric	\$341

Annual End-Use Cost

Heating	\$36
Cooling	\$0
Water Heating	\$48
Lights & Appliances	\$298
Onsite Generation	-\$0
Service Charges	\$124
Total	\$506

Annual End-Use Consumption

Heating [Natural Gas Therms]	47.6
Heating [Electric kWh]	3.2
Hot Water [Natural Gas Therms]	63.8
Lights & Appliances [Natural Gas Therms]	28.0
Lights & Appliances [Electric kWh]	3,331.2
Total [Natural Gas Therms]	139.4
Total [Electric kWh]	3,334.5
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	0.32
Peak Summer kW	0.58

Utility Rates

Electricity	Default Electric Provider
Natural Gas	Default Gas Provider

Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: RH_2BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Attucks Ct_RH_2BR_Boiler H&WH

Builder

Area Housing
Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	393.6	33
Electric Appliances [kWh/Year]	2,937.6	244
Fossil Fuel Appliances [MBtu/Year]	2.8	21
Total	-	298

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	359.4	30
Exterior Lighting	34.3	3
Garage Lighting	0.0	0
Total	393.6	33

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	2.8	21
Total	2.8	21

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	218.5	18
Range/Oven	28.0	2
Refrigerator	529.0	44
Clothes Dryer	623.9	52
Clothes Washer	83.9	7
Mechanical Ventilation	0.0	0
Ceiling Fan	230.0	19
Television	551.0	46
Miscellaneous	673.4	56
Total	2,937.6	244

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: RH_3BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Attucks Ct_RH_3BR_Boiler H&WH
Attucks Ct_RH_3BR_boiler H&WH

Builder

Area Housing Commission,
FL

Annual Energy Cost

Natural Gas	\$178
Electric	\$387

Annual End-Use Cost

Heating	\$37
Cooling	\$0
Water Heating	\$58
Lights & Appliances	\$346
Onsite Generation	-\$0
Service Charges	\$124
Total	\$565

Annual End-Use Consumption

Heating [Natural Gas Therms]	48.4
Heating [Electric kWh]	3.2
Hot Water [Natural Gas Therms]	77.9
Lights & Appliances [Natural Gas Therms]	30.7
Lights & Appliances [Electric kWh]	3,883.3
Total [Natural Gas Therms]	157.0
Total [Electric kWh]	3,886.5
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	0.38
Peak Summer kW	0.68

Utility Rates

Electricity	Default Electric Provider
Natural Gas	Default Gas Provider

Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: RH_3BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Builder

Attucks Ct_RH_3BR_Boiler H&WH
Attucks Ct_RH_3BR_boiler H&WH

Area Housing
Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	448.2	37
Electric Appliances [kWh/Year]	3,435.1	286
Fossil Fuel Appliances [MBtu/Year]	3.1	23
Total	-	346

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	411.5	34
Exterior Lighting	36.6	3
Garage Lighting	0.0	0
Total	448.2	37

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	3.1	23
Total	3.1	23

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	266.7	22
Range/Oven	30.7	3
Refrigerator	529.0	44
Clothes Dryer	736.7	61
Clothes Washer	99.1	8
Mechanical Ventilation	0.0	0
Ceiling Fan	306.6	26
Television	620.0	52
Miscellaneous	846.3	70
Total	3,435.1	286

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_2BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Attucks Ct_SD_2BR

Boiler Wt

Builder

Area Housing Commission,
FL

Annual Energy Cost

Electric	\$381
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Annual End-Use Cost

Heating	\$42
Cooling	\$0
Water Heating	\$0
Lights & Appliances	\$275
Onsite Generation	-\$0
Service Charges	\$64
Total	\$381

Annual End-Use Consumption

Heating [Electric kWh]	509.6
Hot Water [Natural Gas Therms]	114.7
Lights & Appliances [Natural Gas Therms]	28.0
Lights & Appliances [Electric kWh]	3,307.3
Total [Natural Gas Therms]	142.7
Total [Electric kWh]	3,816.2
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	0.90
Peak Summer kW	0.58

Utility Rates

Electricity	Default Electric Provider0
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_2BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Attucks Ct_SD_2BR

Builder

Area Housing
Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	387.9	32
Electric Appliances [kWh/Year]	2,919.4	243
Fossil Fuel Appliances [MBtu/Year]	2.8	0
Total	-	275

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	353.9	29
Exterior Lighting	34.0	3
Garage Lighting	0.0	0
Total	387.9	32

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	2.8	0
Total	2.8	0

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	218.5	18
Range/Oven	28.0	2
Refrigerator	529.0	44
Clothes Dryer	623.9	52
Clothes Washer	83.9	7
Mechanical Ventilation	0.0	0
Ceiling Fan	230.0	19
Television	551.0	46
Miscellaneous	655.2	55
Total	2,919.4	243

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_3BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Attucks Ct_SD_3BR

Builder

Area Housing Commission,
FL

Annual Energy Cost

Electric	\$454
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Annual End-Use Cost

Heating	\$68
Cooling	\$0
Water Heating	\$0
Lights & Appliances	\$322
Onsite Generation	-\$0
Service Charges	\$64
Total	\$454

Annual End-Use Consumption

Heating [Electric kWh]	841.7
Hot Water [Natural Gas Therms]	83.3
Lights & Appliances [Natural Gas Therms]	30.7
Lights & Appliances [Electric kWh]	3,877.3
Total [Natural Gas Therms]	114.0
Total [Electric kWh]	4,718.9
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	1.22
Peak Summer kW	0.68

Utility Rates

Electricity	Default Electric Provider0
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_3BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Attucks Ct_SD_3BR

Builder

Area Housing
Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	446.7	37
Electric Appliances [kWh/Year]	3,430.6	285
Fossil Fuel Appliances [MBtu/Year]	3.1	0
Total	-	322

LIGHTING

Lighting Scheme

	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	410.2	34
Exterior Lighting	36.6	3
Garage Lighting	0.0	0
Total	446.7	37

FOSSIL FUEL APPLIANCES

Appliance Type

	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	3.1	0
Total	3.1	0

ELECTRIC APPLIANCES

Appliance Type

	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	266.7	22
Range/Oven	30.7	3
Refrigerator	529.0	44
Clothes Dryer	736.7	61
Clothes Washer	99.1	8
Mechanical Ventilation	0.0	0
Ceiling Fan	306.6	25
Television	620.0	51
Miscellaneous	841.8	70
Total	3,430.6	285

Fuel Summary

Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_5BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected



Attucks Ct_SD_5BR

Builder

Area Housing Commission,
FL

Annual Energy Cost

Electric	\$536
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Annual End-Use Cost

Heating	\$58
Cooling	\$0
Water Heating	\$0
Lights & Appliances	\$414
Onsite Generation	-\$0
Service Charges	\$64
Total	\$536

Annual End-Use Consumption

Heating [Electric kWh]	718.3
Hot Water [Natural Gas Therms]	153.9
Lights & Appliances [Natural Gas Therms]	36.1
Lights & Appliances [Electric kWh]	4,999.4
Total [Natural Gas Therms]	190.0
Total [Electric kWh]	5,717.7
Total Onsite Generation [Electric kWh]	0.0

Peak Electric Consumption

Peak Winter kW	1.39
Peak Summer kW	0.88

Utility Rates

Electricity	Default Electric Provider0
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Lighting and Appliances



Property

Area Housing Commission, FL
Pensacola, FL 32502
Model: SD_5BR

Organization

Fox Energy Specialists
James Rodriguez

Inspection Status

Results are projected

Attucks Ct_SD_5BR

Builder

Area Housing
Commission, FL

ANNUAL SUMMARY

Summary

	Consumption	Annual Cost [\$]
Lighting [kWh/Year]	560.1	46
Electric Appliances [kWh/Year]	4,439.2	367
Fossil Fuel Appliances [MBtu/Year]	3.6	0
Total	-	414

LIGHTING

Lighting Scheme	Consumption [kWh/Year]	Annual Cost [\$]
Interior Lighting	518.6	43
Exterior Lighting	41.5	3
Garage Lighting	0.0	0
Total	560.1	46

FOSSIL FUEL APPLIANCES

Appliance Type	Consumption [MBtu/Year]	Annual Cost [\$]
Clothes Dryer	0.0	0
Range/Oven	3.6	0
Total	3.6	0

ELECTRIC APPLIANCES

Appliance Type	Consumption [kWh/Year]	Annual Cost [\$]
Dishwasher	363.1	30
Range/Oven	36.1	3
Refrigerator	529.0	44
Clothes Dryer	962.5	80
Clothes Washer	129.4	11
Mechanical Ventilation	0.0	0
Ceiling Fan	459.9	38
Television	758.0	63
Miscellaneous	1,201.2	99
Total	4,439.2	367

INTRODUCTION TO EKOTROPE SOFTWARE PROGRAM

INTRODUCTION TO EKOTROPE™ SOFTWARE PROGRAM

1. Ekotrope™ Software Design Objective

Ekotrope – Residential Energy Analysis and Rating Software Program is a sophisticated, residential energy analysis, code compliance and rating software program. Ekotrope calculates heating, cooling, hot water, lighting, and appliance energy loads, consumption and costs for new and existing single and multi-family homes.

Ekotrope operates in Windows and has many unique features, including a simplified input procedure, extensive component libraries, automated energy efficient improvement analysis, duct conduction and leakage analysis, latent and sensible cooling analysis, lighting and appliance audit, and active and passive solar analysis.

A home energy rating is calculated based on the proposed Department of Energy (DOE) Home Energy Rating System (HERS) guidelines (10 CFR 437) as modified by the RESNET/NASEO (Residential Energy Service Network/National Association of State Energy Officials) HERS Technical Committee. Ekotrope also creates value added information including energy appraisal addendum, energy code compliance (Model Energy Code (MEC) and American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)), improvement analysis (existing homes), design optimization (new homes), heating and cooling equipment sizing and U.S. Environmental Protection Agency (EPA) Energy Star Home analysis.

2. Use of Ekotrope in Utility Allowance Development

Ekotrope utilizes an Engineering approach to calculate the consumption allowance for various types of new and existing homes. The Ekotrope software program is recognized and approved by EPA, DOE and HUD.

The Nelrod Company is accredited and licensed by HERS/RESNET and a certified and licensed Ekotrope provider and user. We have successfully conducted energy home rating and energy audits using this software for over 31,550 reports. The information from our past experience and these reports is used to develop models for the most common building types and bedroom sizes, which in turn are utilized in developing average monthly utility allowances.

3. Basic Procedures

The data needed for this program is collected either from the building/site plans provided and/or from a site visit. Building type models are developed for the most common building types (Single-Family Detached House, Semi-Detached/Duplex, Row/Townhouse, Multi-Family Walk-Up, and Manufactured Homes) and bedroom sizes. The program

calculates heating, cooling, hot water, lighting and appliances energy load, consumption and cost based on home's design and construction features as well as climate and energy cost data.

The calculations are conducted following the Residential Energy Services Network (RESNET) Home Energy Rating System (HERS) technical guidelines, developed in cooperation with, US DOE, US Department of Veterans Affairs (USVA), HUD, and the National Association of State Energy Officials (NASEO) as the rating system used to determine energy usage in new and existing construction. The guidelines were established as the only national standard for determining energy savings based on construction types and local (community-wide) geographical locations. It estimates the annual energy quantity a home will require and the cost of that energy based on local utility rates. The guidelines make assumptions about the size and lifestyle of the family who will occupy the home. These assumptions are based on nationally accepted standards developed by the US DOE, American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and US EPA. Such assumptions include occupancy rates of 2 persons for the first bedroom and one additional person for each additional bedroom; thermostat setting of 68° Fahrenheit for heating and 78° Fahrenheit for cooling, which is the recommended setting for an energy conserving household. To determine water heater energy usage, tap water temperatures are adjusted for local geographical locations and 120° thermostat settings are used, which is considered energy conservative. In addition, architectural components are considered such as square footages, number of stories, insulation R-values, wall materials, mechanical equipment types and efficiencies.

The Ekotrope software utilizes default standards based on national trends. (See details following this introduction.) If there are no local surveys available regarding residential lifestyles, a residential rental market study can be conducted to gather data on the most common household amenities, such as, dishwashers, clothes washers and dryers, microwaves, and size of refrigerators.

Additionally, the Agency can provide architectural characteristics concerning common foundation types, exterior siding, and other structure features for their area. This information will be used to further adjust the building type models.

4. Input Values and Determination

Ekotrope provides two levels of inputs: simplified and detailed. Simplified inputs use general design characteristics and built-in algorithms to determine the results. We use detailed inputs which provide the user greater control over calculational values and development of common building type models.

The various input parameters are as follows:

- Location – List of US and Canadian locations;
- Energy costs – create or modify various utility rates based on the existing market;
- Building Component data – Foundation type, Opaque wall constructional details, window/skylights conduction and solar gain values, type of ceilings and doors, heating equipment, cooling equipment, water heating equipment, various types of lights and appliances used.

These values are determined either from verified conditions/site visits or from the building plans. A Certified IECC (International Energy Conservation Code) Inspector/HERS/RESNET (Home Energy Rating Systems/Residential Energy Services Network) Rater inputs characteristics from building plans and/or from documentation gathered from an on-site inspection of the physical, structural and mechanical details. We use the criteria from our past experience to develop models for common building types and bedroom sizes.

Climate data is available for cities and towns throughout North America. This data is updated periodically with new versions of the Ekotrope software program.

Extensive utility libraries can be created and maintained for specific utility provider rates and charges and are available to apply to consumption data to determine local utility allowances.

5. Output Values, Interpretation and Use for Utility Allowances

Fifty-six preformatted reports are available for viewing on screen or printing. Reports include energy use, energy cost, design loads, rating, quick report, improvement analysis, code compliance, and economic analysis of energy upgrades.

Reports are generated from the building type models in the Ekotrope software program and analyzed for consumption usage totals by energy end-use categories. (Fuel Summary and Lights & Appliance Summary.)

**PUBLIC HOUSING HUD REGULATIONS 24 CFR 965. SUBPART E
RESIDENT ALLOWANCES FOR UTILITIES**

TITLE 24--HOUSING AND URBAN DEVELOPMENT

CHAPTER IX OFFICE OF ASSISTANT SECRETARY FOR PUBLIC AND INDIAN HOUSING, DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

PART 965: PHA-OWNED OR LEASED PROJECTS GENERAL PROVISIONS

Subpart E--Resident Allowances for Utilities

Source: 61 FR 7971, Feb. 29, 1996, unless otherwise noted.

Sec. 965.501 Applicability.

(a) This subpart E applies to public housing, including the Turnkey III Homeownership Opportunities program. This subpart E also applies to units assisted under sections 10(c) and 23 of the U. S. Housing Act of 1937 (42 U.S.C. 1437 et seq.) as in effect before amendment by the Housing and Community Development Act of 1974 (12 U.S.C. 1706e) and to which 24 CFR part 900 is not applicable. This subpart E does not apply to Indian housing projects (see 24 CFR part 950).

(b) In rental units for which utilities are furnished by the PHA but there are no check-meters to measure the actual utilities consumption of the individual units, residents shall be subject to charges for consumption by resident-owned major appliances, or for optional functions of PHA-furnished equipment, in accordance with Sec. 965.502(e) and 965.506(b), but no utility allowance will be established.

Sec. 965.502 Establishment of utility allowances by PHAs.

(a) PHAs shall establish allowances for PHA-furnished utilities for all check-metered utilities and allowances for resident-purchased utilities for all utilities purchased directly by residents from the utilities suppliers.

(b) The PHA shall maintain a record that documents the basis on which allowances and scheduled surcharges, and revisions thereof, are established and revised. Such record shall be available for inspection by residents.

(c) The PHA shall give notice to all residents of proposed allowances, scheduled surcharges, and revisions thereof. Such notice shall be given, in the manner provided in the lease or homebuyer agreement, not less than 60 days before the proposed effective date of the allowances or scheduled surcharges or revisions; shall describe with reasonable particularity the basis for determination of the allowances, scheduled surcharges, or revisions, including a statement of the specific items of equipment and function whose utility consumption requirements were included in determining the amounts of the allowances or scheduled surcharges; shall notify residents of the place where the PHA's record maintained in accordance with paragraph (b) of this section is available for inspection; and shall provide all residents an opportunity to submit written comments during a period expiring not less than 30 days before the proposed effective date of the allowances or scheduled surcharges or revisions. Such written comments shall be retained by the PHA and shall be available for inspection by residents.

(d) Schedules of allowances and scheduled surcharges shall not be subject to approval by HUD before becoming effective, but will be reviewed in the course of audits or reviews of PHA operations.

(e) The PHA's determinations of allowances, scheduled surcharges, and revisions thereof shall be final and valid unless found to be arbitrary, capricious, an abuse of discretion, or otherwise not in accordance with the law.

Sec. 965.503 Categories for establishment of allowances.

Separate allowances shall be established for each utility and for each category of dwelling units determined by the PHA to be reasonably comparable as to factors affecting utility usage.

Sec. 965.504 Period for which allowances are established.

(a) PHA-furnished utilities. Allowances will normally be established on a quarterly basis; however, residents may be surcharged on a monthly basis. The allowances established may provide for seasonal variations.

(b) Resident-purchased utilities. Monthly allowances shall be established. The allowances established may provide for seasonal variations.

Sec. 965.505 Standards for allowances for utilities.

(a) The objective of a PHA in designing methods of establishing utility allowances for each dwelling unit category and unit size shall be to approximate a reasonable consumption of utilities by an energy-conservative household of modest circumstances consistent with the requirements of a safe, sanitary, and healthful living environment.

(b) Allowances for both PHA-furnished and resident-purchased utilities shall be designed to include such reasonable consumption for major equipment or for utility functions furnished by the PHA for all residents (e.g., heating furnace, hot water heater), for essential equipment whether or not furnished by the PHA (e.g., range and refrigerator), and for minor items of equipment (such as toasters and radios) furnished by residents.

(c) The complexity and elaborateness of the methods chosen by the PHA, in its discretion, to achieve the foregoing objective will depend upon the nature of the housing stock, data available to the PHA and the extent of the administrative resources reasonably available to the PHA to be devoted to the collection of such data, the formulation of methods of calculation, and actual calculation and monitoring of the allowances.

(d) In establishing allowances, the PHA shall take into account relevant factors affecting consumption requirements, including:

(1) The equipment and functions intended to be covered by the allowance for which the utility will be used. For instance, natural gas may be used for cooking, heating domestic water, or space heating, or any combination of the three;

(2) The climatic location of the housing projects;

(3) The size of the dwelling units and the number of occupants per dwelling unit;

- (4) Type of construction and design of the housing project;
 - (5) The energy efficiency of PHA-supplied appliances and equipment;
 - (6) The utility consumption requirements of appliances and equipment whose reasonable consumption is intended to be covered by the total resident payment;
 - (7) The physical condition, including insulation and weatherization, of the housing project;
 - (8) Temperature levels intended to be maintained in the unit during the day and at night, and in cold and warm weather; and
 - (9) Temperature of domestic hot water.
- (e) If a PHA installs air conditioning, it shall provide, to the maximum extent economically feasible, systems that give residents the option of choosing to use air conditioning in their units. The design of systems that offer each resident the option to choose air conditioning shall include retail meters or check-meters, and residents shall pay for the energy used in its operation. For systems that offer residents the option to choose air conditioning, the PHA shall not include air conditioning in the utility allowances. For systems that offer residents the option to choose air conditioning but cannot be check-metered, residents are to be surcharged in accordance with Sec. 965.506. If an air conditioning system does not provide for resident option, residents are not to be charged, and these systems should be avoided whenever possible.

Sec. 965.506 Surcharges for excess consumption of PHA-furnished utilities.

(a) For dwelling units subject to allowances for PHA-furnished utilities where check-meters have been installed, the PHA shall establish surcharges for utility consumption in excess of the allowances. Surcharges may be computed on a straight per unit of purchase basis (e.g., cents per kilowatt hour of electricity) or for stated blocks of excess consumption, and shall be based on the PHA's average utility rate. The basis for calculating such surcharges shall be described in the PHA's schedule of allowances. Changes in the dollar amounts of surcharges based directly on changes in the PHA's average utility rate shall not be subject to the advance notice requirements of this section.

(b) For dwelling units served by PHA-furnished utilities where Check-meters have not been installed, the PHA shall establish schedules of surcharges indicating additional dollar amounts residents will be required to pay by reason of estimated utility consumption attributable to resident-owned major appliances or to optional functions of PHA-furnished equipment. Such surcharge schedules shall state the resident-owned equipment (or functions of PHA-furnished equipment) for which surcharges shall be made and the amounts of such charges, which shall be based on the cost to the PHA of the utility consumption estimated to be attributable to reasonable usage of such equipment.

Sec. 965.507 Review and revision of allowances.

(a) Annual review. The PHA shall review at least annually the basis on which utility allowances have been established and, if reasonably required in order to continue

adherence to the standards stated in Sec. 965.505, shall establish revised allowances. The review shall include all changes in circumstances (including completion of modernization and/or other energy conservation measures implemented by the PHA) indicating probability of a significant change in reasonable consumption requirements and changes in utility rates.

(b) Revision as a result of rate changes. The PHA may revise its allowances for resident-purchased utilities between annual reviews if there is a rate change (including fuel adjustments) and shall be required to do so if such change, by itself or together with prior rate changes not adjusted for, results in a change of 10 percent or more from the rates on which such allowances were based. Adjustments to resident payments as a result of such changes shall be retroactive to the first day of the month following the month in which the last rate change taken into account in such revision became effective. Such rate changes shall not be subject to the 60 day notice requirement of Sec. 965.502(c).

Sec. 965.508 Individual relief.

Requests for relief from surcharges for excess consumption of PHA-purchased utilities, or from payment of utility supplier billings in excess of the allowances for resident-purchased utilities, may be granted by the PHA on reasonable grounds, such as special needs of elderly, ill or disabled residents, or special factors affecting utility usage not within the control of the resident, as the PHA shall deem appropriate. The PHA's criteria for granting such relief, and procedures for requesting such relief, shall be adopted at the time the PHA adopts the methods and procedures for determining utility allowances. Notice of the availability of such procedures (including identification of the PHA representative with whom initial contact may be made by residents), and the PHA's criteria for granting such relief, shall be included in each notice to residents given in accordance with Sec. 965.502(c) and in the information given to new residents upon admission.

SAMPLE NOTICE
HOUSING AUTHORITY OF THE CITY OF _____
NOTICE OF PROPOSED UTILITLY ALLOWANCES

DATE: _____

TO: ALL PUBLIC HOUSING RESIDENTS

The PHA has completed its annual review of the Public Housing Utility Allowances and encourages residents to review the proposed utility allowances and support documentation. Residents may also provide written comments.

Pursuant to regulation 24 CFR 965.502, the Housing Authority of the City of _____ hereby provides 60 days' notice to the public housing residents of the proposed utility allowances.

DATES AVAILABLE FOR REVIEW: _____ TO _____

The PHA records and documents that provide the basis for the proposed utility allowances are available for review and comment during the dates listed above and at the following location:

NOTE to PHA: Dates reflected above should be 30 days from date of notice. Below choose a location and provide address and time available for review.

- PHA's main administrative office (**provide address**)
- PHA development site management office (**provide address**)
- Other: (**provide address**)

Changes were made due to:

- ANNUAL UPDATE (**for Resident-paid utilities directly to utility companies**)
- NEW SCHEDULED SURCHARGES (**for Check-metered utilities surcharged for excess usage of PHA-paid utilities**)
- REVISIONS TO: (**UTILITY ALLOWANCES OR SCHEDULED SURCHARGES**)

Basis of determination:

NOTE to PHA: specific items of equipment and function whose utility consumption requirements were included in determining the amount of the allowances is stated in the review documents

The PHA will gather all comments and review them at the close of the comment period. The PHA will respond to comments within _____ days of the close of the comment period. Such written comments will be retained by the PHA and shall be available for inspection by residents.

PROPOSED EFFECTIVE DATE OF IMPLEMENTATION: _____

***Requests for relief from surcharges for excess consumption, payment of supplier billings in excess of the allowances for resident purchased utilities, may be granted by the PHA on reasonable grounds, such as special needs for the elderly, ill or disabled residents, or special factors, on a case by case basis. Such relief may be initiated by the verbal or written making of such request as an accommodation.**

INSTRUCTIONS FOR RESIDENT NOTICE OF PROPOSED UTILITY ALLOWANCES

Dear Housing Agency:

Attached is a Sample Notice for the 60-Day Notice of Proposed Utility Allowances with 30-Day Comment Period (required in HUD regulations 24 CFR 965.502),

Please adapt this sample notice to your needs and copy onto your Agency's letterhead. Be sure to remove all red and blue written print (these are notes to the Agency for explanation and completion of this form). Check boxes have also been provided to give the Agency choices to fit their needs.

Note: be sure to check your policies and Lease Agreement/homebuyer agreement for compliance regarding providing notification.

Review documents should be kept in a central location.

The PHA should get Board approval before setting an effective date of implementation.

Special Note: HUD regulations do not say that the PHA has to change the proposed utility allowances due to a resident's comment, but that "The PHA's determinations of allowances, scheduled surcharges, and revisions thereof shall be final and valid unless found to be arbitrary, capricious, an abuse of discretion or otherwise not in accordance with the law."