Utility Allowances

December 2022

AREA HOUSING COMMISSION

Pensacola, Florida









INITIAL REPORT

PUBLIC HOUSING
UTILITY ALLOWANCE SURVEY AND STUDY







3301 West Freeway Fort Worth, TX 76107



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

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

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: | Utilities) - 2022 | lowances Survey and S | Study (Includes Check-Metered |
|----------------|---|------------------------------|---|
| | this Closure Statement I, FL acknowledge receipt of the | | _ on behalf of the Area Housing |
| additions if n | 3 , | ots this survey study report | d have requested edits, changes or t as final. This does not mean that |
| 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

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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 <u>utility rates</u> 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 <u>are not</u> 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 <u>not less than 60 days</u> before the proposed effective date of the allowances. The Agency should provide all residents an opportunity to submit written comments during a period expiring <u>not less than 30 days</u> 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.

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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.

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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) | 0BR | 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.

H= Space Heating 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.

PUBLIC HOUSING

| Building | Type: | High | Rise A | Apartment |
|----------|-------|------|--------|-----------|
| | | | | |

| Hayne Street FL-8-9 | | | | | | |
|--------------------------------|-----|-----|---------|----------|----------|-----|
| (EE Equip: Win,HP,Ins,CFL) | OBR | 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) | OBR | 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) | OBR | 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) | OBR | 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) | OBR | 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

| ltem | 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

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 S= Summer Ins= Insulation W= Winter

CFL= 100% Fluorescent Lighting

Summer: February - November (10), Winter: December - January (2)

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) | OBR | 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) | OBR | 1BR | 2BR | 3BR | 4BR | 5BR |
|--|-----|-----|-----|-----|-----|-----|
| Electricity (kWh) (L&A) | | | 278 | 324 | | |

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.

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UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

INITIAL 2022

Moreno Court FL-6-3

Building Type: Row House/Townhouse

| | | | - <u> </u> | | | |
|------------------------------------|--------|---------|------------|---------|-----|-----|
| Monthly Average Unit | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
| Consumption kWh | | | | | | |
| for all bedroom types - Summe | er | 231 | 276 | 323 | | |
| Customer Charge | | | | | | |
| Per Month | \$8.99 | \$8.99 | \$8.99 | \$8.99 | | |
| Total Energy Charges | | | | | | |
| Per KWH 0.1 | 4262 | \$32.95 | \$39.36 | \$46.07 | | |
| Sub | total | \$41.94 | \$48.35 | \$55.06 | | |
| Total Taxes | | | | | | |
| % of Total 1 | 8.5% | \$7.76 | \$8.94 | \$10.19 | | |
| Total Monthly Cost - Summer | | \$49.70 | \$57.29 | \$65.25 | | |

| Monthly Average Unit | | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
|---------------------------|---------------|-----|---------|---------|----------|-----|-----|
| Consumption kWh | | | | | | | |
| for all bedroom types - I | Vinter | | 409 | 502 | 614 | | |
| 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 | | |
| | Subtotal | | \$67.32 | \$80.59 | \$96.56 | | |
| Total Taxes | | | | | | | |
| % of Total | 18.5% | | \$12.45 | \$14.91 | \$17.86 | | |
| Total Monthly Cost - W | /inter | | \$79.77 | \$95.50 | \$114.42 | | |

| Averaging | Months | 0BR | 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 Avera | ge) | | \$54.71 | \$63.66 | \$73.45 | | |

Summer: February - November (10), Winter: December - January (2)

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

INITIAL 2022

"J" Street FL-7-8A

Building Type: Semi-Detached/Duplex

| | | | | 9 | | | · |
|-------------------------|----------|-----|-----|----------|---------|---------|-----|
| Monthly Average Unit | | 0BR | 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 | |
| | Subtotal | | | \$48.35 | \$55.06 | \$61.76 | |
| Total Taxes | | | | | | | |
| % of Total | 18.5% | | | \$8.94 | \$10.19 | \$11.43 | |
| Total Monthly Cost - S | Summer | | | \$57.29 | \$65.25 | \$73.19 | |

| Monthly Average Unit | 0BR | 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 | |
| Subtotal | | | \$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 | 0BR | 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 Avera | ge) | | | \$63.66 | \$73.45 | \$81.92 | |

Summer: February - November (10), Winter: December - January (2)

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

INITIAL 2022

Belmont & "R" Street FL-7-9

Building Type: Semi-Detached/Duplex

| Deminorit at 14 St | icctil 7 3 | | Dai | ועי פיייי | JC. JCIIII | Detachie | , Dupick |
|-------------------------|------------|-----|---------|-----------|------------|----------|----------|
| Monthly Average Unit | | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
| Consumption kWh | | | | | | | |
| for all bedroom types - | Summer | | 375 | | | | |
| Customer Charge | | | | | | | |
| Per Month | \$8.99 | | \$8.99 | | | | |
| Total Energy Charges | | | | | | | |
| Per KWH | 0.14262 | | \$53.48 | | | | |
| | Subtotal | | \$62.47 | | | | |
| Total Taxes | | | | | | | |
| % of Total | 18.5% | | \$11.56 | | | | |
| Total Monthly Cost - | Summer | | \$74.03 | | | | |

| Monthly Average Unit | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
|--------------------------------|-----|----------|-----|-----|-----|-----|
| Consumption kWh | | | | | | |
| for all bedroom types - Winter | | 634 | | | | |
| Customer Charge | | | | | | |
| Per Month \$8.99 | | \$8.99 | | | | |
| Total Energy Charges | | | | | | |
| Per KWH 0.14262 | | \$90.42 | | | | |
| Subtotal | | \$99.41 | | | | |
| Total Taxes | | | | | | |
| % of Total 18.5% | | \$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 Avera | ge) | | \$81.33 | | | | |

Summer: February - November (10), Winter: December - January (2)

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

INITIAL 2022

Gonzalez Court FL-7-8-16

Building Type: Semi-Detached/Duplex

| | | Tanamy Type: Jenn Detached, Japie, | | | | | |
|-------------------------|----------|------------------------------------|---------|---------|---------|-----|-----|
| Monthly Average Unit | | 0BR | 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 | | |
| | Subtotal | | \$41.79 | \$48.35 | \$55.06 | | |
| Total Taxes | | | | | | | |
| % of Total | 18.5% | | \$7.73 | \$8.94 | \$10.19 | | |
| Total Monthly Cost - S | Summer | | \$49.52 | \$57.29 | \$65.25 | | |

| Monthly Average Unit | | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
|-----------------------------|----------|-----|---------|---------|----------|-----|-----|
| Consumption kWh | | | | | | | |
| for all bedroom types - Wir | nter | | 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 | | |
| | Subtotal | | \$67.18 | \$80.59 | \$96.56 | | |
| Total Taxes | | | | | | | |
| % of Total | 18.5% | | \$12.43 | \$14.91 | \$17.86 | | |
| Total Monthly Cost - Win | ter | | \$79.61 | \$95.50 | \$114.42 | | |

| Averaging | Months | 0BR | 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 Avera | ge) | | \$54.54 | \$63.66 | \$73.45 | | |

Summer: February - November (10), Winter: December - January (2)

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

INITIAL 2022

Hayne Street FL-8-9

Building Type: High Rise Apartment

| | | | | | • | |
|---------------------------------------|-----|-----|---------|----------|----------|-----|
| Monthly Average Unit | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
| 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 | |
| Subtotal | | | \$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 | |

| Monthly Average Unit | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
|--------------------------------|-----|-----|----------|----------|----------|-----|
| 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 | |
| Subtotal | | | \$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 | je) | | | \$93.46 | \$117.18 | \$132.63 | |

Summer: February - November (10), Winter: December - January (2)

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

INITIAL 2022

6th & 8th Avenue FL-8-9

Building Type: Semi-Detached/Duplex

| | | | | - 3 71 | | | - |
|-------------------------|----------|-----|---------|---------|-----|-----|-----|
| Monthly Average Unit | | 0BR | 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 | | | |
| | Subtotal | | \$62.47 | \$74.02 | | | |
| Total Taxes | | | | | | | |
| % of Total | 18.5% | | \$11.56 | \$13.69 | | | |
| Total Monthly Cost - 9 | Summer | | \$74.03 | \$87.71 | | | |

| Monthly Average Unit | | 0BR | 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 | | | |
| | Subtotal | | \$99.41 | \$118.38 | | | |
| Total Taxes | | | | | | | |
| % of Total | 18.5% | | \$18.39 | \$21.90 | | | |
| Total Monthly Cost - V | Vinter | | \$117.80 | \$140.28 | | | |

| Averaging | Months | 0BR | 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 Avera | ge) | | \$81.33 | \$96.47 | | | |

Summer: February - November (10), Winter: December - January (2)

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

| Carriena Court I E | 0 00D (/ iii i | -10) | Dai | ועי פיייי | Je. Jeiiii | Detache | a, Dapiex |
|-------------------------|----------------|------|---------|-----------|------------|---------|-----------|
| Monthly Average Unit | | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
| Consumption kWh | | | | | | | |
| for all bedroom types - | Summer | | 375 | | | | |
| Customer Charge | | | | | | | |
| Per Month | \$8.99 | | \$8.99 | | | | |
| Total Energy Charges | | | | | | | |
| Per KWH | 0.14262 | | \$53.48 | | | | |
| | Subtotal | | \$62.47 | | | | |
| Total Taxes | | | | | | | |
| % of Total | 18.5% | | \$11.56 | | | | |
| Total Monthly Cost - | Summer | | \$74.03 | | | | |

| Monthly Average Unit | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
|--------------------------------|-----|----------|-----|-----|-----|-----|
| Consumption kWh | | | | | | |
| for all bedroom types - Winter | | 633 | | | | |
| Customer Charge | | | | | | |
| Per Month \$8.99 | | \$8.99 | | | | |
| Total Energy Charges | | | | | | |
| Per KWH 0.14262 | | \$90.28 | | | | |
| Subtotal | | \$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 Avera | ge) | | \$81.30 | | | | |

Summer: February - November (10), Winter: December - January (2)

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

| - | • | , 3 31 | | | | | | | |
|------------------------------------|----------|--------|---------|-----|-----|-----|-----|--|--|
| Monthly Average Unit | | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR | | |
| Consumption kWh | | | | | | | | | |
| for all bedroom types - Sum | mer | | 347 | | | | | | |
| Customer Charge | | | | | | | | | |
| Per Month | \$8.99 | | \$8.99 | | | | | | |
| Total Energy Charges | | | | | | | | | |
| Per KWH | 0.14262 | | \$49.49 | | | | | | |
| | Subtotal | | \$58.48 | | | | | | |
| Total Taxes | | | | | | | | | |
| % of Total | 18.5% | | \$10.82 | | | | | | |
| Total Monthly Cost - Sumr | ner | | \$69.30 | | | | | | |

| Monthly Average Unit | | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
|------------------------------|----------|-----|----------|-----|-----|-----|-----|
| Consumption kWh | | | | | | | |
| for all bedroom types - Wint | ter | | 593 | | | | |
| Customer Charge | | | | | | | |
| Per Month | \$8.99 | | \$8.99 | | | | |
| Total Energy Charges | | | | | | | |
| Per KWH | 0.14262 | | \$84.57 | | | | |
| | Subtotal | | \$93.56 | | | | |
| Total Taxes | | | | | | | |
| % of Total | 18.5% | | \$17.31 | | | | |
| Total Monthly Cost - Winte | er | | \$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 | je) | | \$76.23 | | | | |

Summer: February - November (10), Winter: December - January (2)

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

AMP 5 INITIAL 2022

Attucks Court Building Type: High Rise Apartment

| | | | | · · · · · · · · · · · · · · · · · · · | 76-1.1.2 | | |
|---------------------------|----------|-----|-----|---------------------------------------|----------|-----|-----|
| Monthly Average Unit | | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
| Consumption kWh | | | | | | | |
| for all bedroom types - S | ummer | | | 276 | 373 | | |
| Customer Charge | | | | | | | |
| Per Month | \$8.99 | | | \$8.99 | \$8.99 | | |
| Total Energy Charges | | | | | | | |
| Per KWH | 0.14262 | | | \$39.36 | \$53.20 | | |
| | Subtotal | | | \$48.35 | \$62.19 | | |
| Total Taxes | | | | | | | |
| % of Total | 18.5% | | | \$8.94 | \$11.51 | | |
| Total Monthly Cost - Su | ımmer | | | \$57.29 | \$73.70 | | |

| Monthly Average Unit | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
|--------------------------------|-----|-----|---------|----------|-----|-----|
| Consumption kWh | | | | | | |
| for all bedroom types - Winter | | | 518 | 799 | | |
| Customer Charge | | | | | | |
| Per Month \$8.99 | | | \$8.99 | \$8.99 | | |
| Total Energy Charges | | | | | | |
| Per KWH 0.14262 | | | \$73.88 | \$113.95 | | |
| Subtotal | | | \$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 Avera | ge) | | | \$64.11 | \$85.70 | | |

Summer: February - November (10), Winter: December - January (2)

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

AMP 5 INITIAL 2022

Attucks Court Building Type: Row House/Townhouse

| | | | | 9 71 | | | |
|-------------------------|----------|---------|---------|---------|-----|-----|-----|
| Monthly Average Unit | | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
| Consumption kWh | | | | | | | |
| for all bedroom types - | Summer | 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 | | | |
| | Subtotal | \$41.94 | \$41.94 | \$48.64 | | | |
| Total Taxes | | | | | | | |
| % of Total | 18.5% | \$7.76 | \$7.76 | \$9.00 | | | |
| Total Monthly Cost - S | ummer | \$49.70 | \$49.70 | \$57.64 | | | |

| Monthly Average Unit | | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
|-------------------------|----------|---------|---------|----------|-----|-----|-----|
| Consumption kWh | | | | | | | |
| for all bedroom types - | Winter | 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 | | | |
| | Subtotal | \$79.30 | \$79.30 | \$86.43 | | | |
| Total Taxes | | | | | | | |
| % of Total | 18.5% | \$14.67 | \$14.67 | \$15.99 | | | |
| Total Monthly Cost - V | Vinter | \$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 Averag | e) | \$57.08 | \$57.08 | \$65.10 | | | |

Summer: February - November (10), Winter: December - January (2)

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

AMP 5 INITIAL 2022

Attucks Court (Boiler WH)

Building Type: Row House/Townhouse

| Attacks Court (Bo | | Banang Type: Now House, Townhouse | | | | | |
|-----------------------|----------|-----------------------------------|---------|---------|---------|-----|-----|
| Monthly Average Unit | | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
| Consumption kWh | | | | | | | |
| for all bedroom types | - Summer | | 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 | | |
| | Subtotal | | \$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 | | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
|-------------------------|----------|-----|----------|----------|----------|-----|-----|
| Consumption kWh | | | | | | | |
| for all bedroom types - | Winter | | 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 | | |
| | Subtotal | | \$84.44 | \$91.28 | \$94.56 | | |
| Total Taxes | | | | | | | |
| % of Total | 18.5% | | \$15.62 | \$16.89 | \$17.49 | | |
| Total Monthly Cost - V | Vinter | | \$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 Avera | ge) | | \$58.09 | \$66.06 | \$73.18 | | |

Summer: February - November (10), Winter: December - January (2)

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

| Monthly Average Unit | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
|---|-----|-----|---------|---------|-----|-----|
| 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 | | |
| Subtotal | | | \$48.64 | \$55.20 | | |
| Total Taxes | | | | | | |
| % of Total 18.5% | | | \$9.00 | \$10.21 | | |
| Total Monthly Average Cost | | | \$57.64 | \$65.41 | | |

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

AMP 5 INITIAL 2022

Attucks Court (Boiler WH)

Building Type: Semi-Detached/Duplex

| Attended Court (Bon | Danamy Type: Jenn Detached, Dapiex | | | | | | |
|---------------------------|------------------------------------|-----|-----|---------|---------|-----|-----|
| Monthly Average Unit | | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
| Consumption kWh | | | | | | | |
| for all bedroom types - S | Summer | | | 276 | 323 | | |
| Customer Charge | | | | | | | |
| Per Month | \$8.99 | | | \$8.99 | \$8.99 | | |
| Total Energy Charges | | | | | | | |
| Per KWH | 0.14262 | | | \$39.36 | \$46.07 | | |
| | Subtotal | | | \$48.35 | \$55.06 | | |
| Total Taxes | | | | | | | |
| % of Total | 18.5% | | | \$8.94 | \$10.19 | | |
| Total Monthly Cost - St | ummer | | | \$57.29 | \$65.25 | | |

| Monthly Average Unit | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
|--------------------------------|-----|-----|----------|----------|-----|-----|
| Consumption kWh | | | | | | |
| for all bedroom types - Winter | | | 531 | 744 | | |
| Customer Charge | | | | | | |
| Per Month \$8.99 | | | \$8.99 | \$8.99 | | |
| Total Energy Charges | | | | | | |
| Per KWH 0.14262 | | | \$75.73 | \$106.11 | | |
| Subtotal | | | \$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 Avera | ge) | | | \$64.47 | \$77.11 | | |

Summer: February - November (10), Winter: December - January (2)

PUBLIC HOUSING

UTILITY ALLOWANCE COST OF CONSUMPTION CALCULATIONS

ELECTRICITY - FP&L

AMP 5 INITIAL 2022

Attucks Court Building Type: Semi-Detached/Duplex

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

| Monthly Average Unit | 0BR | 1BR | 2BR | 3BR | 4BR | 5BR |
|--------------------------------|-----|-----|-----|-----|----------|----------|
| Consumption kWh | | | | | | |
| for all bedroom types - Winter | | | | | 723 | 776 |
| Customer Charge | | | | | | |
| Per Month \$8.99 | | | | | \$8.99 | \$8.99 |
| Total Energy Charges | | | | | | |
| Per KWH 0.14262 | | | | | \$103.11 | \$110.67 |
| Subtotal | | | | | \$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 Avera | ige) | | | | | \$83.13 | \$91.24 |

Summer: February - November (10), Winter: December - January (2)

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*

| Value Daniel | | | DC 4 |
|-------------------------------|------------|----------|------|
| 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. <u>Index prices</u> 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

| | | | | Effective | |
|--------------|----------|--------------------------|-----------|-----------|-------------|
| Municipality | County | Public Service Taxed | Tax Rate | 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.

[Questions and Answers | Report Technical Problems | Help with Downloading Files | Privacy Notice]

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Residential Rates and Clauses

Effective June 2022*

| RATES AND CHARGES | Base Charge/ Month | < 1,000 kWh/ Energy Charge ¢/kWh | > 1,000 kWh/ Energy Charge ¢/kWh | Conservation ¢/kWh | Capacity ¢/kWh | Environmental ¢/kWh | Storm Protection ¢/kWh | < 1,000 kWh / Fuel Charge ¢/kWh | > 1,000 kWh / Fuel Charge ¢/kWh | Storm Restoration Recovery Charge ¢/kWh | Interim Storm Restoration Recovery Charge ¢/kWh | Transition Rider ¢/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.

| COMPANY-OWNED UNITS (FIXTURE, MAINTENANCE, AND BASE NON-FUEL ENERGY) | 0S V ∎ High Pressure Sodium Vapor | | OS I/II Metal Halide | |
|---|--|--|-----------------------------|-----------------------------------|
| Open Bottom 5,400 lu 70 watts | \$ 6.20 | Acorn 12,000 lu 175 watts | \$23.30 | Acorn 3,776 lu 75 watts |
| Open Bottom 8,800 lu 100 watts | \$5.95 | Colonial 12,000 lu 175 watts | \$9.65 | Street Light 4,440 lu 72 watts |
| 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 |
| Acorn 8,800 lu 100 watts | \$20.90 | Destin Single 12,000 lu 175 watts | \$39.28 | Cobrahead S2 5,100 lu 73 watts |
| Colonial 8,800 lu 100 watts | \$7.21 | Destin Double 24,000 lu 350 watts | \$77.16 | Cobrahead S3 10,200 lu 135 watts |
| 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 |
| 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 |
| 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 |
| 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 |
| Cobrahead 8,800 lu 100 watts | \$7.30 | 1 | OS I/II | E157 SAW 9,600 lu 157 watts |
| Cobrahead 20,000 lu 200 watts | \$10.57 | 1 | Metal Halide Pulse Start | WP9 A2/S2 7,377 lu 140 watts |
| Cobrahead 25,000 lu 250 watts | \$11.03 | Acorn 13,000 lu 150 watts | \$24.91 | Destin Double 15,228 Ju 210 watts |
| Cobrahead 46,000 lu 400 watts | \$13.48 | Colonial 13,000 lu 150 watts | \$10.15 | ATB0 108 S2/S3 9,336 lu 108 watts |
| Cutoff Cobrahead 8,800 lu 100 watts | \$7.85 | English Coach 13,000 lu 150 watts | \$25.40 | Colonial 3,640 lu 45 watts |
| Cutoff Cobrahead 25,000 lu 250 watts | \$11.11 | Destin Single 13,000 lu 150 watts | \$49.96 | LG Colonial 5,032 lu 72 watts |
| Cutoff Cobrahead 46,000 lu 400 watts | \$13.49 | Destin Double 26,000 lu 300 watts | \$97.70 | Security Lt 4,204 lu 43 watts |
| Bracket Mount CIS 25,000 lu 250 watts | \$20.11 | Small Flood 33,000 lu 350 watts | \$15.54 | Roadway 1 5,510 lu 62 watts |
| Tenon Top CIS 25,000 lu 250 watts | \$20.12 | Shoebox 33,000 lu 350 watts | \$17.42 | Galleon 6s q 32,327 lu 315 watts |
| Bracket Mount CIS 46,000 lu 400 watts | \$23.14 | Flood 68,000 lu 750 watts | \$23.17 | Galleon 7s q 38,230 lu 370 watts |
| Small ORL 20,000 lu 200 watts | \$19.84 |] | | Galleon 10s q 53,499 lu 528 watts |
| Small ORL 25,000 lu 250 watts | \$19.89 |] | OS I/II Mercury Vapor | Flood 421 W 36,000 lu 421 watts |
| Small ORL 46,000 lu 400 watts | \$22.71 | 1 | | Wildlife Cert 5,355 lu 106 watts |
| Large ORL 20,000 lu 200 watts | \$30.14 | Open Bottom 7,000 lu 175 watts | \$6.02 | Evolve Area 8,300 lu 72 watts |
| Large ORL 46,000 lu 400 watts | \$36.27 | Cobrahead 3,200 lu 100 watts | \$7.73 | ATB0 70 8,022 lu 72 watts |
| Shoebox 46,000 lu 400 watts | \$19.99 | Cobrahead 7,000 lu 175 watts | \$8.09 | ATB0 100 11,619 lu 104 watts |
| Directional 16,000 lu 150 watts | \$10.78 | Cobrahead 9,400 lu 250 watts | \$10.70 | ATB2 270 30,979 lu 274 watts |
| Directional 20,000 lu 200 watts | \$14.67 | Cobrahead 17,000 lu 400 watts | \$13.14 | Roadway 2 9,514 lu 95 watts |
| Directional 46,000 lu 400 watts | \$14.53 | Cobrahead 48,000 lu 1,000 watts | \$27.92 | Roadway 3 15,311 lu 149 watts |
| Large Flood 125,000 lu 1,000 watts | \$26.65 | Directional 17,000 lu 400 watts | \$17.22 | Roadway 4 28,557 Ju 285 watts |

| *Rates as approved by the Florida Public Service Commission in Docket Nos. 20190038-El, 20200241-El, 20200015-El, 20210001-El, 20210002-El, 20210007-El, 20 |)200092-EI and 20210170-EI. |
|---|-----------------------------|

OS I/II LED

\$30.30 \$21.04 \$35.50

\$11.23 \$14.01 \$14.01

\$23.62

\$28.24

\$62.58

\$106.02

\$13.21 \$13.94 \$16.56 \$8.10 \$10.06 \$36.65

\$32.53

\$22.06 \$13.16

\$14.33

\$26.12

\$11.21

\$15.26 \$21.57

DEVELOPMENT CHARACTERISTICS

HOUSING AGENCY Area Housing Commission, Pensacola, FL

DEVELOPMENT CHARACTERISTICS CHART For Low-Rent Public Housing Program

| Developmen | it | Year | Building | Total # | # of | Unit | s by | Bedro | om: | Size | Res | ident-Pa | id Utilitie | S (See* be | low) | A/0 | C? |
|----------------------|----------|-------|----------|---------|------|------|------|-------|-----|------|----------|----------|-------------|------------|-------|---------|--------|
| Name | HA Code | Built | Type** | Units | 0 | 1 | 2 | 3 | 4 | 5 | Electric | N Gas | Water | Sewer | Trash | Central | Window |
| | 12/14 | | | | | | | | | | | | | | | | |
| Attucks Court | 5-02/04 | 1940 | Row | 172 | 10 | 50 | 70 | 36 | 4 | 2 | ı | M | М | М | M | х | |
| Moreno Court | 6-03 | 1940 | Duplex | 200 | | 54 | 108 | 38 | | | ı | M | М | M | М | Х | |
| "J" Street | 7-08A | 1984 | Duplex | 44 | | 26 | 14 | 4 | | | С | M | М | М | M | х | |
| Belmont & "R" Street | 7-09 | 1984 | Duplex | 16 | | 16 | | | | | С | | М | М | М | х | |
| Gonzalez Court | 7-09 | 1995 | Duplex | 98 | | 16 | 58 | 24 | | | С | M | М | M | М | х | |
| Hayne Street | 8-09 | 1985 | Walk-Up | 40 | | 20 | 12 | 8 | | | С | | M | M | М | х | |
| 6th & 8th Ave | 8-09 | 1985 | Duplex | 8 | | 4 | 4 | | | | С | | М | M | М | х | |
| Camelia Court | 8-08B/09 | 1984 | Duplex | 25 | | 1 | | | | | С | M | М | М | M | х | |

^{*} 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

© 2020 The Nelrod Company, Fort Worth, Texas

CUSTOMIZATION FOR BASE REM/RATE MODELS

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| De | velopment Name & N | o.: | (4 | M | oreno Court AMP 6 | | 1br |
|----------|---|----------------|----------------------------------|-----|---|------------------|--------------------------------|
| Bui | | - 0) | | | ot | | SD DH DH=Detached House |
| Res | sident-Paid Utiliti <mark>es: <u>X</u></mark> | Elec | etric 🗌 Natural Gas | | ☐ Water ☐ Sewer ☐ | Tras | h |
| Ag OR | | | | | Natural Gas X Water ency) (Stop here if ALL utilities of | | Master Metered) |
| Be | droom Sizes: 🗆 OBR/ | 'EFF (<u></u> |) | () | ☐ 3BR () ☐ 4BR () ☐ 5I | 3R (_ | _) |
| 1 | Foundation Type: | X | Concrete Slab | | Pier-Beam (Crawl Space) | | Basement |
| 2 | Window Type: | CITC | Single Pane | | Double Pane Low-E | | Double Pane/Vinyl |
| 3 | # of Stories in Unit: Exterior Veneer/Clad | | | | at Gain Coefficient) | | Building has multiple stories |
| _ | HVAC | | 1 | | J., | | 7 |
| 5a | Heating Fuel: | | Electric | | Natural Gas | | Other: |
| 5b | Is Heating Individual | ly M | 1 | V | Yes | | No |
| 5c | Heating Type: | V | Electric Baseboard | - | Forced Air Furnace/Wall unit (80 AFUE | // Indeed to the | Central Boiler (radient) |
| | | | Heat Pump Pump Efficiency Rating | | Forced Air Furnace w/duc ^r EER: 13 HSPF: | S A | _electric or _ natural gas |
| | | | Solar Panels Installed | | (High Efficiency) Gas Furna | ice | (90 AFUE) |
| 5d | Heating Equipment L | oca | (additional Information is neede | | | - | , |
| Ju | licuming Equipment E | | Conditioned Space | | Unconditioned Space (att | c/g | arage) |
| 5e | Air Conditiioning: | XY | es 🗌 No 🏻 Type: 🗀 | Wii | ndow Unit X Central | Ton | age: <u>1.5</u> |
| 6 | Air Ducts: | X | Yes | | No | | |
| | If Yes, Location: | | Conditioned Space | X | Unconditioned Space (atti | c) | |
| 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 | (aaa | itional Information is needed) |
| | | | Elec Tankless | | Gas Tankless .80 EF or highe | er | |
| 7b | Water Heater Type: | X | Individual units | | Central Boiler | | |
| 7c | Water Htr Location: | X | Conditioned Space | | Unconditioned Space (atti | c/g | arage) |
| 8 | Stove/Range: | | Electric | X | Natural Gas | | |
| 9 | Energy Efficiencies: | | | | | | 1 |
| | 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: | 1 | Shower, Faucets, Toilets | | Lighting: X 100% CFL | 1009 | % LED |
| | Low Flow Waler: | | | | | | |
| 10 | | VAC | and DHW) COP Rating | g: | | | |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| De | velopment Name & N | o.: | 4 | M | oreno Court AMP & | | 2br |
|---------|-------------------------------------|--------------------|--|--------|---|--------------------|---------------------------|
| Bui | | | | | ot | X | |
| Res | | THE REAL PROPERTY. | THE RESIDENCE OF THE PROPERTY | | | Tras | |
| Age | encv-Paid Check-Me | terec | Utilities: Electric | X | Natural Gas X Water | a bereitti seritti | |
| OR | ☐ All Utilities are M | aste | r Metered (Paid by the | Age | ency) (Stop here if ALL utilities | are A | Master Metered) |
| Bed | droom Sizes: ☐ OBR/ | EFF (_ | _) | 08) | □ 3BR () □ 4BR () □ | 5BR | () |
| 1 | Foundation Type: | X | Concrete Slab | | Pier-Beam (Crawl Space) | | Basement |
| 2 | Window Type: U-Factor: | SHG | Single Pane C: (Sola | r He | Double Pane Low-E | | Double Pane/Vinyl |
| 3 | # of Stories in Unit: | 1 | One or Two | | | | Building has multiple |
| 4 | | dding | : X Siding □Brick □ St | UCC | co 🗆 Other: | | stories |
| 5a | HVAC Heating Fuel: | X | Electric | | Natural Gas | | Other: |
| 5b | Is Heating Individual | | | | Yes | X | No |
| 5c | Heating Type: | _ | Electric Baseboard | X | Forced Air Furnace/Wall unit (80 AFUE | <u> </u> | Central Boiler (radient) |
| | Energy Efficiencies | | | | Forced Air Furnace w/duc | ts X | electric or _ natural gas |
| | Models 1 | | Particular and the second of t | | EER: 13 HSPF: | | |
| | | | Solar Panels Installed (additional Information is neede | d) | (High Efficiency) Gas Furna | ace | (90 AFUE) |
| 5d | Heating Equipment L | | The state of the s | | Tunconditioned Space (att | io la | aragal |
| _ | A: 0 | | Conditioned Space $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$ | \\/ir | Unconditioned Space (att ndow Unit X Central | | age: 1.5 |
| 5e | Air Conditiioning: | | saea . | V V II | 7 | | |
| 6 | Air Ducts: | | Yes | | No | | |
| | If Yes, Location: | | Conditioned Space | X | Unconditioned Space (att | ic) | |
| 7a | Water Heater: | | Electric (30 gal) | X | Natural Gas (30 gal) | qualitación | Oil |
| | 40-50 gallon | | Elec Tank .90 EF | | Gas Tank .58 EF | (addi | Solar Water Heating |
| | Α, | | Elec Tank .95 EF | | Gas Tank .62 EF | | |
| | | | Elec Tankless | | Gas Tankless .80 EF or highe | er | |
| 7b - | Water Heater Type: | | Individual units | | Central Boiler | . , | |
| 7c | Water Htr Location: | | Conditioned Space | | Unconditioned Space (atti | c/g | arage) |
| 8 | Stove/Range: | | Electric | X | Natural Gas | | |
| 9 | Energy Efficiencies: Insulation: | | Ceiling (R-20)(min.) | | Ceiling (R-38) | V | Wall (R-13) |
| | msolulion. | | Ceiling (R-30) | _ | Ceiling (R-49) | | Wall (R-19) |
| | Low Flow Water: | | Shower, Faucets, Toilets | | | 1009 | & LED |
| 10 | | | and DHW) COP Rating | ۸. | | | |
| | | V // C (| and Dirvy COF Ruiling | j· | | | |
| Note | es/Comments: | | | | | | |
| | | | | | | | |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| De | velopment Name & N | o.: | 6. | M | oreno Court AM | P 6 | 3br |
|-----------|------------------------------------|--|---|------|---------------------------------------|----------|--------------------------------------|
| Bui | | | 2000-000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 0.7 | ot | | X SD DH ex, DH=Detached House |
| | | | ctric Natural Gas | - | | - | <u>Frash</u> |
| Age OR | | | | | Natural Gas X Wo | | ire Master Metered) |
| Вес | droom Sizes: \square OBR/ | EFF (|) | _) | ☑ 3BR (38) ☐ 4BR (<u></u>) | ☐ 5B | R () |
| 1 | Foundation Type: | X | Concrete Slab | | Pier-Beam (Crawl Spac | ce) | Basement |
| 2 | Window Type: | | Single Pane 🥦 | | Double Pane Low-E | | Double Pane/Vinyl |
| 3 | U-Factor: # of Stories in Unit: | SHC | • | r He | at Gain Coefficient) | ı | Building has multiple |
| 4 | | | g: X Siding Brick St | UCC | co 🗆 Other: | _ | stories |
| <u> </u> | HVAC | | | | - | | |
| 5a | Heating Fuel: | X | Electric | | Natural Gas | Į | Other: |
| 5b | ls Heating Individual | - | , ; | | Yes | ļ | X No |
| 5c | Heating Type: | Name and Address of the Owner, where the Owner, which the | Electric Baseboard | X | Forced Air Furnace/wall unit (8 | 0 AFUE) | Central Boiler (radient) |
| | Energy Efficiencies | | | | Forced Air Furnace w/ | | S X electric or $_{-}$ natural gas |
| | Models | leat | 1 | | EER: 13 HSPF: | | (00 AFUE) |
| | | | Solar Panels Installed (additional Information is needed | d) | (High Efficiency) Gas F | urna | Ce (90 AFUE) |
| 5d | Heating Equipment L | | t ion: Conditioned Space [| | Unconditioned Space | /atti | a lagraga l |
| _ | | | <u> </u> | | | | Tonage:1.5 |
| 5e | Air Conditiioning: | A Y | es 🗌 No Type: 🗆 | VVII | ndow Unit X Central | | |
| 6 | Air Ducts: | X | Yes | | No | | |
| | If Yes, Location: | | Conditioned Space 📜 | X | Unconditioned Space | (attic | c) |
| 7a | Water Heater: | | Electric (30 gal) | X | Natural Gas (30 gal) | <u> </u> | Oil |
| | 40-50 gallon | | Elec Tank .90 EF | | Gas Tank .58 EF | | Solar Water Heating |
| 21 | | | Elec Tank .95 EF | | Gas Tank .62 EF | , | additional information is needed) |
| | | | Elec Tankless | | Gas Tankless .80 EF or h | ighe | r |
| 7b | Water Heater Type: | X | Individual units | | Central Boiler | | |
| 7c | Water Htr Location: | X | Conditioned Space | | Unconditioned Space | (attic | c/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) | _L | Wall (R-19) |
| | Low Flow Water: | | Shower, Faucets, Toilets | 1 | Lighting: X 100% CFL | <u> </u> | 00% LED |
| 10 | GeoThermal (H | /AC | and DHW) COP Rating | J: | | | |
| Note | es/Comments: | | | | | | |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| De | velopment Name & N | 0.: | | Į. | "J" Street AMP 7 | 2br | → |
|----------|--|-------|--------------------------|-----------|---|--------|-------------------------------|
| Bui | | | Structure Type: | | ot High-Rise RH wnhouse, SD=Semi-Detached/Duj | | SD DH DH=Detached House |
| Res | ident-Paid Utilities: <u>X</u> | Ele | ctric Natural Gas | | ☐ Water ☐ Sewer ☐ | Tras | h |
| Ag OR | The state of the s | | | | Natural Gas X Water (Stop here if ALL utilities | | Master Metered) |
| Ве | droom Sizes: 🗆 OBR/ | EFF (|) 🔲 1BR () 🚨 2BR (2 | 26) | 📮 3BR () 🔲 4BR () 🔲 🤄 | 5BR (_ | _) |
| 1 | Foundation Type: | X | Concrete Slab | | Pier-Beam (Crawl Space) | | Basement |
| 2 | Window Type: U-Factor: | SHC |]Single Pane GC:(Sola | X r He | Double Pane Low-E | | Double Pane/Vinyl |
| 3 | # of Stories in Unit: | 1 | | | | | Building has multiple stories |
| 5a | HVAC Heating Fuel: | X | Electric | | Natural Gas | | Other: |
| 5b | Is Heating Individual | ly M | etered? | | Yes | X | No |
| 5c | Heating Type: | | Electric Baseboard | X | Forced Air Furnace/Wall unit (80 AFU | E) | Central Boiler (radient) |
| | Energy Efficiencies Models | | | | Forced Air Furnace w/duc | ts X | _electric or _ natural gas |
| | | | Solar Panels Installed | 4/ | (High Efficiency) Gas Furn | ace | (90 AFUE) |
| 5d | Heating Equipment L | | tion: | | 7 | | |
| | | | Conditioned Space | | Unconditioned Space (at | | |
| 5e | Air Conditiioning: | XY | es 🗌 No 🏻 Type: 🗀 | Wir | ndow Unit X Central | Ion | age: <u>1.5</u> |
| 6 | Air Ducts: | X | Yes | | No | | |
| | If Yes, Location: | | Conditioned Space | X | Unconditioned Space (att | ic) | |
| 7a | Water Heater: | | Electric (30 gal) | X | Natural Gas (30 gal) | | Oil |
| | 40-50 gallon | | Elec Tank .90 EF | | Gas Tank .58 EF | (add | Solar Water Heating |
| | e#e | | Elec Tank .95 EF | | Gas Tank .62 EF | rada | monal information is needed) |
| | | | Elec Tankless | | Gas Tankless .80 EF or high | er | |
| 7b | Water Heater Type: | X | Individual units | | Central Boiler | | |
| 7c | Water Htr Location: | X | Conditioned Space | | Unconditioned Space (att | ic/g | arage) |
| 8 | Stove/Range: | | Electric | Χ | Natural Gas | | |
| 9 | Energy Efficiencies: | | | | 1 00 1000 1000 1000 | | 1 |
| | 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 | 1009 | % LED |
| 10 | ☐ GeoThermal (H\ | /AC | and DHW) COP Rating | g: | | | |
| Note | es/Comments: | | | | | | |
| | | | | | | | |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | velopment Name & N | o.: | | | 'J" Street AMP 7 | 3br | |
|------------------|-------------------------------|--------------|--|------|---|---------|--|
| Buil | | | | | nt 🔲 High-Rise 🔲 RH wnhouse, SD=Semi-Detached/Du | | |
| Res | ident-Paid Utilities: X | Elec | ctric Natural Gas | | □ Water □ Sewer □ | Tras | sh |
| Age OR | | | | | Natural Gas X Water (Stop here if ALL utilities) | | Master Metered) |
| Bed | droom Sizes: 🗆 OBR/ | EFF (_ | _) | _) , | □ 3BR (14) □ 4BR () □ | 5BR (_ |) |
| 1 2 3 4 | | SHG | C:(Sola | r He | Pier-Beam (Crawl Space Double Pane Low-E at Gain Coefficient) co Other: | | Basement Double Pane/Vinyl Building has multiple stories |
| 5a | HVAC Heating Fuel: | X | Electric | | Natural Gas | | Other: |
| 5b | Is Heating Individual | ly M | etered? | | Yes | X | No |
| 5c | Heating Type: | | Electric Baseboard | X | Forced Air Furnace/wall unit (80 AF | UE) | Central Boiler (radient) |
| | Energy Efficiencies Models | | the state of the s | g: S | Forced Air Furnace w/du FER: <u>14</u> HSPF: (High Efficiency) Gas Furr | | |
| | | | (additional Information is needed | 1)(b | J(High Elliciency) Gas Full | lace | (90 AFUE) |
| 5d | Heating Equipment L | | ion: Conditioned Space | |]Unconditioned Space (a | ttic /c | agrage) |
| 5e | Air Conditiioning: | _ | | | ndow Unit X Central | | nage: |
| 6 | Air Ducts: | X | Yes | | No | | |
| | If Yes, Location: | | Conditioned Space | X | Unconditioned Space (a | tic) | |
| 7a | Water Heater: | | Electric (30 gal) | X | Natural Gas (30 gal) | | Oil |
| 1 | 40-50 gallon | | Elec Tank .90 EF | | Gas Tank .58 EF | (ada | Solar Water Heating litional Information is needed) |
| | | | Elec Tank .95 EF | | Gas Tank .62 EF | ruuc | mional mornanon is needed) |
| | | | Elec Tankless | | Gas Tankless .80 EF or high | ner | |
| 7b | Water Heater Type: | X | Individual units | | Central Boiler | | |
| 7c | Water Htr Location: | X | Conditioned Space | | Unconditioned Space (a | tic/g | arage) |
| 8 | Stove/Range: | | Electric | Χ | Natural Gas | | |
| 9 | Energy Efficiencies: | | | | | | AND THE PROPERTY OF THE PARTY O |
| | Insulation: | and the last | 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 | 1 1009 | % LED |
| 10 | GeoThermal (H | /AC | and DHW) COP Rating | ı: | | | |
| Note | es/Comments: | | | | | | |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | velopment Name & N | o.: | | "J" Street AMP 7 | 4br |
|------------------|--|--------|--------------------------|---|--|
| Buil | [20mm] [1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | Apt □ High-Rise □ RH e/Townhouse, SD=Semi-Detached/Du | X SD DH uplex, DH=Detached House |
| - | | | | | Trash |
| Age OR | | | | X Natural Gas X Wate Agency) (Stop here if ALL utilities | |
| Bec | droom Sizes: 🗆 OBR/ | EFF (_ | _) | _) | BR () |
| 1 2 3 4 | Foundation Type: Window Type: U-Factor: # of Stories in Unit: Exterior Veneer/Clac | SHG | C:(Sola | Pier-Beam (Crawl Space) X Double Pane Low-E r Heat Gain Coefficient) Stucco Other: | Basement Double Pane/Vinyl Building has multiple stories |
| 5a | HVAC Heating Fuel: | X | Electric | Natural Gas | Other: |
| 5b | Is Heating Individual | Iv Me | | Yes | X No |
| | Heating Type: | | Electric Baseboard | X Forced Air Furnace/Wall unit (80 AFL | |
| | Energy Efficiencies | X | Heat Pump | X Forced Air Furnace w/dua | |
| | Models | | | g: SEER: 14 HSPF: | |
| | X I | | Solar Panels Installed | (High Efficiency) Gas Furn | nace (90 AFUE) |
| 5d | Heating Equipment L | | ion: | | |
| | 71.7/ | | Conditioned Space | Unconditioned Space (at | |
| 5e | Air Conditiioning: | X Ye | es No Type: 🗆 | Window Unit X Central | Tonage: <u>1.5</u> |
| 6 | Air Ducts: | X | Yes [| No | |
| | If Yes, Location: | | Conditioned Space | X Unconditioned Space (at | ttic) |
| 7a | Water Heater: | | Electric (30 gal) | X Natural Gas (30 gal) | Oil |
| | 40-50 gallon | 40000 | Elec Tank .90 EF | Gas Tank .58 EF | Solar Water Heating (additional Information is needed) |
| | | | Elec Tank .95 EF | Gas Tank .62 EF | radumonal mornanon is needed. |
| | | | Elec Tankless | Gas Tankless .80 EF or high | ner |
| | Water Heater Type: | = | Individual units | Central Boiler | |
| 7c | Water Htr Location: | X | Conditioned Space | Unconditioned Space (at | tic/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 | GooThormal (H) | VAC | and DHW) COP Rating | 4. | |
| | □ Geomeina (iii | VAC | and bring dor name | J | == 2 |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| De | velopment Name & N | lo.: | Beimont & R 31 | ICCI AMI / | Ibr |
|--------------------------|--|--|--|--|---|
| Bui | | | oe: ☐ Apt ☐ High-R | | |
| Pos | | | ow House/Townhouse, SD=Sem al Gas | Sewer Trash | =Detached House |
| - | | | | | |
| | | | ectric X Natural Gas by the Agency) (Stop her | | uster Metered) |
| Ве | droom Sizes: 🗆 OBR/ | /EFF (_)(| J 2BR (16) ☐ 3BR (_) ☐ | I 4BR () □ 5BR () | ☐ 6BR (<u></u>) |
| 1 | Foundation Type: | X Concrete Slab | Pier-Beam (C | rawl Space) 🔲 B | Basement |
| 2 | Window Type: | Single Pane | X Double Pane | | Double Pane/Vinyl |
| • | U-Factor: | SHGC: | (Solar Heat Gain Coeffic | ient) | uilding bas multiple |
| 3 | | One or | wo ck \square Stucco \square Other:_ | 1 1 | uilding has multiple tories |
| 4 | HVAC | danig. — slang x bi | | | |
| 5a | Heating Fuel: | X Electric | Natural Gas | По | Other: |
| 5b | Is Heating Individual | | Yes | XN | **** |
| 5c | Heating Type: | Electric Basebo | | | Central Boiler (radient) |
| | Energy Efficiencies | X Heat Pump | | rnace w/ducts X ele | |
| | | | Rating: SEER: 14 H | | celle of _ Haloral gas |
| | - | Solar Panels Ins | talled (High Efficien | cy) Gas Furnace (90 | O AFUE) |
| 5d | Heating Equipment L | additional Information | is needed) | THE PERSON NAMED IN THE PE | |
| Ju | liteaning Eqoipment | X Conditioned Sp | ace Unconditione | d Space (attic/gard | age) |
| | | · · | The state of the s | | |
| 50 | Air Conditioning: | X Yes No Tv | pe: Window Unit X | Central Tonag | ge: <u>1.5</u> |
| 5e | Air Conditiioning: | | pe: Window Unit X | Central Tonag | ge: <u>1.5</u> |
| 5e 6 | Air Ducts: | XYes | No | Comman | ge: <u>1.5</u> |
| _ | 200 Mar 100 Ma | | No | Central Tonag | ge: <u>1.5</u> |
| 6 | Air Ducts: | XYes | No ace X Unconditione | d Space (attic) | ge: <u>1.5</u> |
| 6 | Air Ducts: If Yes, Location: | X Yes Conditioned Sp | No Sace X Unconditione Natural Gas (| d Space (attic) 30 gal) O O | Dil Dilar Water Heating |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X Yes Conditioned Sp X Electric (30 gal) | No Natural Gas (Gas Tank .58 | ad Space (attic) 30 gal) O Caddition |)il |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X Yes Conditioned Sp X Electric (30 gal) Elec Tank .90 EF | No Nace X Unconditione Natural Gas (Gas Tank .58 Gas Tank .62 | ad Space (attic) 30 gal) O Caddition | Dil Dilar Water Heating |
| 6 7a | Air Ducts: If Yes, Location: Water Heater: | X Yes Conditioned Sp X Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF | No Nace X Unconditione Natural Gas (Gas Tank .58 Gas Tank .62 | d Space (attic) 30 gal) EF So (addition) EF 80 EF or higher | Dil Dilar Water Heating |
| 6 7a 7b | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon | X Yes Conditioned Sp X Electric (30 gal) Elec Tank .90 EF Elec Tank less | No Natural Gas (Gas Tank .58 Gas Tank .62 Gas Tankless Central Boiler | d Space (attic) 30 gal) EF So (addition) EF 80 EF or higher | Dil olar Water Heating nal Information is needed) |
| 6 7a 7b | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: | X Yes Conditioned Sp X Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless X Individual units | No Natural Gas (Gas Tank .58 Gas Tank .62 Gas Tankless Central Boiler | ad Space (attic) 30 gal) EF Caddilion EF 80 EF or higher | Dil olar Water Heating nal Information is needed) |
| 6 7a 7b 7c | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: | X Yes Conditioned Sp X Electric (30 gal) Elec Tank .90 EF Elec Tank less X Individual units X Conditioned Sp | No Natural Gas (Gas Tank .58 Gas Tank .62 Gas Tankless Central Boiler ace Unconditione | ad Space (attic) 30 gal) EF Caddilion EF 80 EF or higher | Dil olar Water Heating nal Information is needed) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: | X Yes Conditioned Sp X Electric (30 gal) Elec Tank .90 EF Elec Tank less X Individual units X Conditioned Sp | No Natural Gas (Gas Tank .58 Gas Tank .62 Gas Tankless Central Boiler ace Unconditione Natural Gas | ad Space (attic) 30 gal) EF Caddilior EF 80 EF or higher d Space (attic/gard | Dil olar Water Heating nal Information is needed) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | X Yes Conditioned Sp X Electric (30 gal) Elec Tank .90 EF Elec Tank less X Individual units X Conditioned Sp X Electric | No Natural Gas (Gas Tank .58 Gas Tank .62 Gas Tankless Central Boiler ace Unconditione Natural Gas | ad Space (attic) 30 gal) EF Gaddition EF 80 EF or higher d Space (attic/gard | olar Water Heating nal Information is needed) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | X Yes Conditioned Sp X Electric (30 gal) Elec Tank .90 EF Elec Tankless X Individual units X Conditioned Sp X Electric Ceiling (R-20) (m | No Natural Gas (Gas Tank .58 Gas Tank .62 Gas Tankless Central Boiler ace Unconditione Natural Gas Ceiling (R-38) Ceiling (R-49) | ad Space (attic) 30 gal) EF Caddilior EF 80 EF or higher d Space (attic/gard | Dill colar Water Heating nal Information is needed) age) /all (R-13) /all (R-19) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Yes Conditioned Sp X Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless X Individual units X Conditioned Sp X Electric Ceiling (R-20) (m X Ceiling (R-30) | No Natural Gas (Gas Tank .58 Gas Tank .62 Gas Tankless Central Boiler ace Unconditione Natural Gas Natural Gas Ceiling (R-38) Ceiling (R-49) Toilets Lighting: X 10 | ad Space (attic) 30 gal) EF Caddilior EF 80 EF or higher d Space (attic/gard | Dill colar Water Heating nal Information is needed) age) /all (R-13) /all (R-19) |
| 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Yes Conditioned Sp X Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless X Individual units X Conditioned Sp X Electric Ceiling (R-20) (m X Ceiling (R-30) Shower, Faucets, | No Natural Gas (Gas Tank .58 Gas Tank .62 Gas Tankless Central Boiler ace Unconditione Natural Gas Natural Gas Ceiling (R-38) Ceiling (R-49) Toilets Lighting: X 10 | ad Space (attic) 30 gal) EF Caddilior EF 80 EF or higher d Space (attic/gard | Dill colar Water Heating nal Information is needed) age) /all (R-13) /all (R-19) |
| 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: GeoThermal (H) | X Yes Conditioned Sp X Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless X Individual units X Conditioned Sp X Electric Ceiling (R-20) (m X Ceiling (R-30) Shower, Faucets, | No Natural Gas (Gas Tank .58 Gas Tank .62 Gas Tankless Central Boiler ace Unconditione Natural Gas Natural Gas Ceiling (R-38) Ceiling (R-49) Toilets Lighting: X 10 | ad Space (attic) 30 gal) EF Caddilior EF 80 EF or higher d Space (attic/gard | Dill colar Water Heating nal Information is needed) age) /all (R-13) /all (R-19) |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| De | velopment Name & N | 0.: | G | on | zalez Court - AMP | 8 | 1br |
|------|-----------------------------------|------------------------------------|----------------------------------|------|---|--|-------------------------------|
| Bui | | | | | ot 🗌 High-Rise 🗌 RH 🤻 | | |
| D | | THE RESERVE OF THE PERSON NAMED IN | | - | wnhouse, SD=Semi-Detached/Dup | Name and Address of the Owner, where the Owner, which is the Owner, which is the Owner, where the Owner, which is the Owner, whic | |
| - | | - | ctric Natural Gas | - | | Tras | h |
| | | | | | Natural Gas X Water ency) (Stop here if ALL utilities | | Master Metered) |
| Ве | droom Sizes: 🗆 OBR/ | EFF (_ | _) |) | ☐ 3BR () ☐ 4BR () ☐ 5 | BR (_ | _) |
| 1 | Foundation Type: | X | Concrete Slab | | Pier-Beam (Crawl Space) | | Basement |
| 2 | Window Type: | | | | Double Pane Low-E | | Double Pane/Vinyl |
| 3 | # of Stories in Unit: | | C:(Sola | r He | eat Gain Coefficient) | | Building has multiple |
| 4 | | | g: Siding X Brick | Stuc | cco 🗆 Other: | | stories |
| 5a | HVAC Heating Fuel: | V | Electric | | Natural Gas | | Othor |
| 5b | Is Heating Individual | | | | Yes | V | Other: No |
| | 1.7 | | Electric Baseboard | V | Forced Air Furnace/Wall unit (80 AFUE | | |
| 30 | Heating Type: Energy Efficiencies | | | | | - | Central Boiler (radient) |
| | | | | | Forced Air Furnace w/duc EER: 14 HSPF: | IS A | electric or _ natural gas |
| | | | Solar Panels Installed | | (High Efficiency) Gas Furna | ace | (90 AFUE) |
| 5d | Heating Equipment L | ocat | (additional Information is neede | d) | | | |
| | | | Conditioned Space | | Unconditioned Space (att | ic/g | arage) |
| 5e | Air Conditiioning: | X Y ∈ | es 🗌 No 🏻 Type: 🗎 | Wir | ndow Unit X Central | Ton | age: <u>1.5</u> |
| 6 | Air Ducts: | X | Yes | | No | | |
| | If Yes, Location: | | Conditioned Space | X | Unconditioned Space (atti | ic) | |
| 7a | Water Heater: | | Electric (30 gal) | X | Natural Gas (30 gal) | | Oil |
| | 40-50 gallon | | Elec Tank .90 EF | | Gas Tank .58 EF | (1 " | Solar Water Heating |
| | 1 2 2 | | Elec Tank .95 EF | | Gas Tank .62 EF | radai | tional Information is needed) |
| | | | Elec Tankless | | Gas Tankless .80 EF or highe | er | |
| 7b | Water Heater Type: | X | Individual units | | Central Boiler | | |
| 7c | Water Htr Location: | X | Conditioned Space | | Unconditioned Space (atti | c/ga | arage) |
| 8 | Stove/Range: | | Electric | X | Natural Gas | | |
| 9 | Energy Efficiencies: | | | | 1.5. | | Í |
| | 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 | 1 | Lighting: X 100% CFL | 100% | % LED |
| 10 | ☐ GeoThermal (H\ | /AC | and DHW) COP Rating | g: | | | |
| Note | es/Comments: | | | | | | |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | velopment Name & N | o.: | G | on | zalez Court - AMP | 8 | 2br |
|--------|--|--------|--|-----|---|-------|-------------------------------|
| Buil | | | | | t | | |
| Res | | _ | ctric Natural Gas | | | Tras | |
| | | | | | Natural Gas X Water ency) (Stop here if ALL utilities | | Master Metered) |
| Bed | droom Sizes: 🗆 OBR/ | EFF (_ | _) 🗌 1BR () 🔲 2BR (| 58) | ☐ 3BR () ☐ 4BR () ☐ 5 | BR (_ | _) |
| 1 | Foundation Type: | X | Concrete Slab | | Pier-Beam (Crawl Space) | | Basement |
| 2 | Window Type: | CITC | Single Pane C:(Solo | X | Double Pane Low-E | | Double Pane/Vinyl |
| 3 4 | U-Factor: # of Stories in Unit: Exterior Veneer/Clac | 1 | | | | | Building has multiple stories |
| 5a | HVAC Heating Fuel: | X | Electric | | Natural Gas | | Other: |
| 5b | Is Heating Individual | ly M | etered? | | Yes | X | No |
| 5c | Heating Type: | | Electric Baseboard | X | Forced Air Furnace/Wall unit (80 AFUE |) | Central Boiler (radient) |
| | Energy Efficiencies Models | | And the second s | | Forced Air Furnace w/duc ER: 14 HSPF: | ts X | electric or _ natural gas |
| | | | Solar Panels Installed | | (High Efficiency) Gas Furno | ace | (90 AFUE) |
| 5d | Heating Equipment L | oca | '(additional Information is needer ion: | d) | | | |
| | | X | Conditioned Space | | Unconditioned Space (att | | |
| 5e | Air Conditiioning: | XY | es 🗌 No 🏻 Type: 🗀 | Wir | ndow Unit X Central | Ton | age: <u>1.5</u> |
| 6 | Air Ducts: | X | Yes | | No | | |
| | If Yes, Location: | | Conditioned Space | X | Unconditioned Space (att | c) | |
| 7a | Water Heater: | | Electric (30 gal) | X | Natural Gas (30 gal) | | Oil |
| | 40-50 gallon | | Elec Tank .90 EF | | Gas Tank .58 EF | (addi | Solar Water Heating |
| | | | Elec Tank .95 EF | | Gas Tank .62 EF | | mond mondaton is needed? |
| | | | Elec Tankless | | Gas Tankless .80 EF or highe | er | |
| | Water Heater Type: | X | Individual units | | Central Boiler | | |
| 7c | Water Htr Location: | X | Conditioned Space | | Unconditioned Space (atti | c/g | arage) |
| 8 | Stove/Range: | | Electric | X | Natural Gas | | |
| 9 | Energy Efficiencies: | | 0 11 (0 00) | | lo ::: /p 00) | V | |
| | Insulation: | V | Ceiling (R-20) (min.) Ceiling (R-30) | | Ceiling (R-38) Ceiling (R-49) | X | Wall (R-13) |
| | Law Flaw Water | | | | GARAGE CONTRACTOR OF THE PARTY | 1009 | Wall (R-19) % LED |
| | Low Flow Water: | | Shower, Faucets, Toilets | V | Lighting. A 100% CIL | 1007 | O LLU |
| 10 | ☐ GeoThermal (H\ | /AC | and DHW) COP Rating | g: | | | |
| Note | es/Comments: | | | | | | |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | velopment Name & N | o.: | G | on | zalez Court - AMP | 8 | 3br |
|-------------|--|------------------|---|------------------|---|-------|---------------------------|
| | Legend: Apt=Apartment | (low-r | | e/Tov | wnhouse, SD=Semi-Detached/Dup | | SD DH DH=Detached House |
| - | THE RESIDENCE OF THE PARTY OF T | William St. Line | ctric \ \ \ \ Natural Gas | the state of the | | Tras | h |
| Age OR | | | d Utilities: Electric r Metered (Paid by the | | Natural Gas X Water ency) (Stop here if ALL utilities | | Master Metered) |
| Bed | droom Sizes: 🗆 OBR/ | EFF (_ | _) | _) | ☐ 3BR (24) ☐ 4BR () ☐ 5 | BR (_ | _) |
| 1 | Foundation Type: | X | Concrete Slab | | Pier-Beam (Crawl Space) | |]Basement |
| 2 | Window Type: | | | | Double Pane Low-E | | Double Pane/Vinyl |
| 3 | U-Factor: # of Stories in Unit: | SHG | | ır He | at Gain Coefficient) | | Building has multiple |
| 4 | | | g: Siding X Brick | Stuc | cco 🗆 Other: | | stories |
| | HVAC | | | | 7 | | 7 |
| 5a | Heating Fuel: | | Electric | _ | Natural Gas | | Other: |
| 5b | ls Heating Individual | | Barrier and the second | \ |]Yes | | No |
| 5c | Heating Type: | | Electric Baseboard | | Forced Air Furnace/Wall unit (80 AFUE | | Central Boiler (radient) |
| | Action 1 | | Heat Pump Pump Efficiency Rating | | Forced Air Furnace w/duc EER: 14 HSPF: | ts X | electric or _ natural gas |
| | Models | | Solar Panels Installed | | (High Efficiency) Gas Furna | ace | (90 AFUF) |
| - -1 | Hawking Farringsont I | | (additional Information is neede | d) | | | (7071102) |
| 5d | Heating Equipment L | | Conditioned Space | | Unconditioned Space (att | ic/g | arage) |
| 5e | Air Conditiioning: | X Ye | es 🗌 No Type: 🗆 | Wir | ndow Unit X Central | Ton | age: <u>1.5</u> |
| 6 | Air Ducts: | X | Yes | | No | | |
| | If Yes, Location: | | Conditioned Space | X | Unconditioned Space (att | ic) | |
| 7a | Water Heater: | | Electric (30 gal) | X | Natural Gas (30 gal) | | Oil |
| | 40-50 gallon | | Elec Tank .90 EF | | Gas Tank .58 EF | (addi | Solar Water Heating |
| | | | Elec Tank .95 EF | | Gas Tank .62 EF | radai | mondi mormanon is needed |
| | | | Elec Tankless | | Gas Tankless .80 EF or high | er | |
| 7b | Water Heater Type: | X | Individual units | | Central Boiler | | |
| 7c | Water Htr Location: | X | Conditioned Space | | Unconditioned Space (att | ic/go | arage) |
| 8 | Stove/Range: | | Electric | X | Natural Gas | | |
| 9 | Energy Efficiencies: | | | | Too some the source | | 1 1012 (1000) 221 |
| | Insulation: | | Ceiling (R-20) (min.) | | Ceiling (R-38) | X | Wall (R-13) |
| | N | X | Ceiling (R-30) | | Ceiling (R-49) | | Wall (R-19) |
| | Low Flow Water: | | Shower, Faucets, Toilets | | Lighting: X 100% CFL | 1009 | % LED |
| 10 | ☐ GeoThermal (H\ | /AC | and DHW) COP Rating | g: | | | |
| Note | es/Comments: | | | | | | |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| De | velopment Name & N | lo.: | | H | ayne Street AMP 8 | 2k | or |
|-----------------|----------------------------|--|---|--|---|---------------------------------|---------------------------|
| Bui | 17.00 | | 17.05 | | ot X High-Rise RH | | |
| Res | | | ctric Natural Gas | | wnhouse, SD=Semi-Detached/Dup Water Sewer | Tras | |
| and the same of | | NAME AND ADDRESS OF THE OWNER, | d Utilities: Electric | and the last of | | at the last team of the | |
| OR | | | | | ency) (Stop here if ALL utilities | | Master Metered) |
| Ве | droom Sizes: ☐ OBR, | /EFF (|) | 20) | ☐ 3BR () ☐ 4BR () ☐ 5 | BR (_ | _) |
| 1 | Foundation Type: | X | Concrete Slab | | Pier-Beam (Crawl Space) | | Basement |
| 2 | Window Type: U-Factor: | SHO | Single Pane GC:(Solo | X r He | Double Pane Low-E | | Double Pane/Vinyl |
| 3 | # of Stories in Unit: | 1 | One or Two | | | | Building has multiple |
| 4 | | ddin | g: 🗌 Siding X Brick 🗀 S | ituc | co 🗆 Other: | | stories |
| 5a | HVAC Heating Fuel: | X | Electric | | Natural Gas | | Other: |
| 5b | Is Heating Individual | | This are property and the second | | Yes | X | No |
| 5c | Heating Type: | | Electric Baseboard | X | Forced Air Furnace/wall unit (80 AFUE |) | Central Boiler (radient) |
| | Energy Efficiencies | | Heat Pump | X | Forced Air Furnace w/duc | No. of Street, or other Parkets | |
| | Models | Hea | | | EER: HSPF: | | |
| | | | Solar Panels Installed (additional Information is neede | d) | (High Efficiency) Gas Furno | ace | (90 AFUE) |
| 5d | Heating Equipment I | | 7 | | 1 | | |
| | | | Conditioned Space | | Unconditioned Space (att | | |
| 5e | Air Conditiioning: | XY | es 🗌 No 🏻 Type: 🗀 | Wir | ndow Unit X Central | ion | age: <u>1.5</u> |
| 6 | Air Ducts: | X |]Yes | |]No | | |
| | If Yes, Location: | | Conditioned Space | X | Unconditioned Space (att | ic) | |
| 7a | Water Heater: | X | Electric (30 gal) | | Natural Gas (30 gal) | | Oil |
| | 40-50 gallon | | Elec Tank .90 EF | | Gas Tank .58 EF | (add | Solar Water Heating |
| | | | Elec Tank .95 EF | | Gas Tank .62 EF | rada | monal mormanon is needed) |
| | | | Elec Tankless | | Gas Tankless .80 EF or high | er | |
| 7b | Water Heater Type: | X | Individual units | | Central Boiler | | |
| 7c | Water Htr Location: | X | Conditioned Space | | Unconditioned Space (att | ic/g | arage) |
| 8 | Stove/Range: | X | Electric | | Natural Gas | | |
| 9 | Energy Efficiencies: | | | | 1 | | |
| | 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 | THE STATE OF THE S | Lighting: X 100% CFL | 1009 | % LED |
| 10 | GeoThermal (H | VAC | and DHW) COP Rating | g: | | | |
| Note | es/Comments: | | | | | | |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | velopment Name & N | o.: | <u> </u> | Hayne Street AMP 8 | 3br |
|-----------|------------------------------------|----------|----------------------------------|---|--|
| Bui | | | | Apt X High-Rise | |
| | | - | ctric Natural Gas | | Trash |
| Age OR | | | | Natural Gas X Water Agency) (Stop here if ALL utilities | |
| Bed | droom Sizes: \square OBR/ | EFF (|) |) | 5BR () |
| 1 | Foundation Type: | X | Concrete Slab | Pier-Beam (Crawl Space) | Basement |
| 2 | Window Type: | CITIC | | X Double Pane Low-E | Double Pane/Vinyl |
| 3 | U-Factor: # of Stories in Unit: | SHC | | r Heat Gain Coefficient) | Building has multiple |
| 4 | Exterior Veneer/Cla | dding | g: Siding X Brick S | Stucco Other: | stories |
| | HVAC Heating Fuel: | V | Electric | Natural Gas | Other: |
| 5a 5b | Is Heating Individual | | | Yes | X No |
| 5c | Heating Type: | ly /vi | Electric Baseboard | X Forced Air Furnace/Wall unit (80 AFU | |
| 30 | Energy Efficiencies | Y | | X Forced Air Furnace w/duc | |
| | | | | g: SEER: 14 HSPF: | cis Aelectric or natural gas |
| | | | Solar Panels Installed | (High Efficiency) Gas Furn | ace (90 AFUE) |
| 5d | Heating Equipment L | oca | (additional Information is neede | d) | |
| | 3 - 1 - 1 | | Conditioned Space | Unconditioned Space (at | tic/garage) |
| 5e | Air Conditiioning: | XY | es 🗌 No 🏻 Type: 🗎 | Window Unit X Central | Tonage: <u>1.5</u> |
| 6 | Air Ducts: | X | Yes | No | |
| | If Yes, Location: | | Conditioned Space | X Unconditioned Space (at | tic) |
| 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 | raddiional mornalion is needed) |
| | | | Elec Tankless | Gas Tankless .80 EF or high | er |
| 7b | Water Heater Type: | X | Individual units | Central Boiler | |
| 7c | Water Htr Location: | X | Conditioned Space | Unconditioned Space (att | tic/garage) |
| 8 | Stove/Range: | X | Electric | Natural Gas | |
| 9 | Energy Efficiencies: | American | Г | | a supplied the same |
| | Insulation: | | Ceiling (R-20) (min.) | Ceiling (R-38) | X Wall (R-13) |
| | N. | X | Ceiling (R-30) | Ceiling (R-49) | Wall (R-19) |
| | Low Flow Water: | | Shower, Faucets, Toilets | Lighting: X 100% CFL | 100% LED |
| 10 | GeoThermal (H | VAC | and DHW) COP Rating | g: | |
| Note | es/Comments: | | | | |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| De | velopment Name & N | o.: | | Ho | yne Street AMP 8 | 4k | or |
|-------------|--|--------|-------------------------------------|--|---|---------------|-------------------------------|
| | Legend: Apt=Apartment | (low- | rise/mid-rise), RH=Row House | e/Tov | t X High-Rise 🗆 RH vnhouse, SD=Semi-Detached/Dup | of the second | H=Detached House |
| ASSESSED BY | | - | ctric Natural Gas | Name and Post of the Owner, where the Owner, which the Ow | | Tras | h |
| Ag OR | | | d Utilities: | | Natural Gas X Water ency) (Stop here if ALL utilities | are N | Master Metered) |
| Ве | droom Sizes: \square OBR/ | EFF (_ | _) | _) [| □ 3BR (_) □ 4BR (8) □ 5BI | ₹ () |) 🗌 6BR (<u></u>) |
| 1 | Foundation Type: | X | Concrete Slab | | Pier-Beam (Crawl Space) | | Basement |
| 2 | Window Type: U-Factor: | SHG | Single Pane C:(Sola | | Double Pane Low-E | | Double Pane/Vinyl |
| 3 4 | # of Stories in Unit: | 1 | | | , | | Building has multiple stories |
| 5a | HVAC Heating Fuel: | X | Electric | | Natural Gas | | Other: |
| 5b | Is Heating Individual | ly Me | etered? | | Yes | X |]No |
| 5c | Heating Type: | | Electric Baseboard | X | Forced Air Furnace/Wall unit (80 AFUE |) | Central Boiler (radient) |
| | the state of the s | | Heat Pump Pump Efficiency Rating | | Forced Air Furnace w/duc EER: 14 HSPF: | ts X | electric or _ natural gas |
| | | | Solar Panels Installed | ۹) | (High Efficiency) Gas Furna | ice | (90 AFUE) |
| 5d | Heating Equipment L | | ion: | | | | |
| | | | Conditioned Space | | Unconditioned Space (att | | |
| 5e | Air Conditiioning: | X Ye | es 🗆 No Type: 🗆 | Wir | ndow Unit X Central | Ion | age: <u>1.5</u> |
| 6 | Air Ducts: | X | Yes | | No | | |
| | If Yes, Location: | | Conditioned Space | X | Unconditioned Space (atti | c) | |
| 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 |
| | a" = | | Elec Tank .95 EF | | Gas Tank .62 EF | radai | nondi information is needed) |
| | | | Elec Tankless | | Gas Tankless .80 EF or highe | er | |
| 7b | Water Heater Type: | X | Individual units | | Central Boiler | | |
| 7c | Water Htr Location: | X | Conditioned Space | | Unconditioned Space (atti | c/ga | arage) |
| | Stove/Range: | X | <u>Electric</u> | | Natural Gas | | |
| 9 | Energy Efficiencies: | | r | | | | |
| | Insulation: | | Ceiling (R-20) (min.) | | Ceiling (R-38) | X | Wall (R-13) |
| | | | Ceiling (R-30) | | Ceiling (R-49) | 1000 | Wall (R-19) |
| | Low Flow Water: | | Shower, Faucets, Toilets | • | Lighting: X 100% CFL | 100% | & LED |
| 10 | ☐ GeoThermal (H\ | VAC | and DHW) COP Rating | g: | | | |
| Note | es/Comments: | | | | | | |
| | | | | | | | |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| De | velopment Name & N | No.: | 6th Avenue AMP 8 | 1br |
|------------------|-----------------------------|---|--|--|
| Bui | 10-00 | 1 believe 584 | Apt | |
| | | ★ Electric □ Natural Gas | The Sales of the Control of the Cont | Trash |
| Ag OR | | etered Utilities: Electric Master Metered (Paid by the | □ Natural Gas X Wate Agency) (Stop here if ALL utilitie | |
| Bed | droom Sizes: 🗆 OBR/ | /EFF () | _) | 5BR () |
| 1 2 3 4 | | | Pier-Beam (Crawl Space X Double Pane Low-E r Heat Gain Coefficient) itucco Other: | Basement Double Pane/Vinyl Building has multiple stories |
| 5a | HVAC Heating Fuel: | X Electric | Natural Gas | Other: |
| 5b | Is Heating Individual | | Yes | X No |
| 5c | Heating Type: | Electric Baseboard | X Forced Air Furnace/Wall unit (80 AF | |
| | Energy Efficiencies | X Heat Pump | X Forced Air Furnace w/dug: SEER: 14 HSPF: | Control of the second s |
| | | Solar Panels Installed | (High Efficiency) Gas Furn | nace (90 AFUE) |
| 5d | Heating Equipment L | | | |
| | | X Conditioned Space | Unconditioned Space (a | |
| 5e | Air Conditiioning: | X Yes ☐ No Type: ☐ | Window Unit X Central | Tonage: <u>1.5</u> |
| 6 | Air Ducts: | X Yes | No | |
| | If Yes, Location: | Conditioned Space | X Unconditioned Space (a | ttic) |
| 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 | raddillollal illiolitialion is fleeded) |
| | | Elec Tankless | Gas Tankless .80 EF or hig | her |
| 7b | Water Heater Type: | X Individual units | Central Boiler | |
| 7c | Water Htr Location: | X Conditioned Space | Unconditioned Space (a | ttic/garage) |
| 8 | Stove/Range: | X Electric | 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 L |] 100% LED |
| 10 | ☐ GeoThermal (H) | IVAC and DHW) COP Rating | j: | |
| Note | es/Comments: | | | |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | velopment Name & N | o.: | 1,000 | 8 | th Avenue AMP 8 | | 2br |
|------------------|--|-------|---|--------------|--|---------------|--|
| Buil | | | Structure Type: | | ot | | X SD DH x, DH=Detached House |
| | | | ctric Natural Gas | | Employees and the second secon | Tr | rash |
| Age OR | | | d Utilities: Electric Fr Metered (Paid by the | | Natural Gas X Watercy) (Stop here if ALL utiliti | | re Master Metered) |
| Bed | droom Sizes: 🗆 OBR/ | EFF (|) | 1) [| ┘ 3BR () □ 4BR () □ | 5BR | (<u>)</u> 6BR (<u>)</u> |
| 1 2 3 4 | | SHG | SC:(Sola | r He | Pier-Beam (Crawl Space Double Pane Low-E eat Gain Coefficient) co Other: | e) [[| Basement Double Pane/Vinyl Building has multiple stories |
| 5a | HVAC Heating Fuel: | | | | Natural Gas | | Other: |
| 5b | Is Heating Individual | y M | | | Yes | Ĺ | X No |
| 5c | Heating Type: | | Electric Baseboard | X | Forced Air Furnace/Wall unit (80 | AFUE) | Central Boiler (radient) |
| | The last the | | Heat Pump Pump Efficiency Rating Solar Panels Installed | | Forced Air Furnace w/d EER:14_ HSPF: | _ | |
| Page 121 | | | (additional Information is neede | d) | (High Efficiency) Gas Fu | muc | CE (90 AFUE) |
| 5d | Heating Equipment L | | lion: Conditioned Space | | Unconditioned Space (| attic | Jagragol |
| 5e | Air Conditiioning: | _ | · — _ · | Wir | ndow Unit X Central | | onage: <u>1.5</u> |
| 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 | (c | Solar Water Heating |
| | | | Elec Tank .95 EF | | Gas Tank .62 EF | 10 | addillonal information is needed? |
| | | | Elec Tankless | | Gas Tankless .80 EF or hig | gher | |
| 7b | Water Heater Type: | X | Individual units | | Central Boiler | | |
| 7c | Water Htr Location: | X | Conditioned Space | | Unconditioned Space (d | attic | /garage) |
| | Stove/Range: 📁 | X | Electric | | Natural Gas | | |
| - 1 | Energy Efficiencies: | | Γ | | 1 | | |
| | Insulation: | 3/ | Ceiling (R-20) (min.) | | Ceiling (R-38) | 4 | X Wall (R-13) |
| | <u> </u> | X | Ceiling (R-30) | | Ceiling (R-49) | \neg | Wall (R-19) |
| | Low Flow Water: | | Shower, Faucets, Toilets | 9 | Lighting: X 100% CFL | 1(| 00% LED |
| 10 | ☐ GeoThermal (H\ | /AC | and DHW) COP Rating | j: | | | |
| Note | es/Comments: | | | | | | |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| De | velopment Name & N | lo.: | | C | amelia Ct AMP 8 | 1bi | r |
|----------|--|---------|---|-----|--|-------|-------------------------------|
| Bui | | | Structure Type: rise/mid-rise), RH=Row House | 2.5 | ot High-Rise RH wnhouse, SD=Semi-Detached/Dup | | |
| Res | sident-Paid Utilitie <mark>s: <u>X</u></mark> | Elec | <mark>ctri</mark> c | | Water Sewer | Tras | h |
| Ag OR | The state of the s | | d Utilities: Electric r Metered (Paid by the | | Natural Gas X Water ency) (Stop here if ALL utilities of | are N | Master Metered) |
| Ве | droom Sizes: 🗆 OBR/ | /EFF (_ | _) | () | ☐ 3BR () ☐ 4BR () ☐ 5I | 3R (_ | _) 🗌 6BR (<u></u>) |
| 1 | Foundation Type: | X | Concrete Slab | | Pier-Beam (Crawl Space) | | Basement |
| 2 | Window Type: U-Factor: | SHG | | | Double Pane Low-E | | Double Pane/Vinyl |
| 3 4 | # of Stories in Unit: | 1 | | | | | Building has multiple stories |
| 5a | HVAC Heating Fuel: | X | Electric | | Natural Gas | | Other: |
| 5b | Is Heating Individual | | | | Yes | X | 7 |
| 5c | Heating Type: | | Electric Baseboard | X | Forced Air Furnace/Wall unit (80 AFUE | | Central Boiler (radient) |
| | Energy Efficiencies | | Heat Pump Pump Efficiency Rating | X | Forced Air Furnace w/duct | | |
| | | | Solar Panels Installed | d) | (High Efficiency) Gas Furno | ice | (90 AFUE) |
| 5d | Heating Equipment L | | ion: | | 7 | | |
| | | | Conditioned Space | | Unconditioned Space (atti | | <u> </u> |
| 5e | Air Conditiioning: | XY | es 🗌 No 🏻 Type: 🗀 | Wir | ndow Unit <u>X</u> Central | Ion | age: <u>1.5</u> |
| 6 | Air Ducts: | X | Yes | | No | | |
| | If Yes, Location: | | Conditioned Space | X | Unconditioned Space (atti | c) | |
| 7a | Water Heater: | X | Electric (30 gal) | | Natural Gas (30 gal) | | Oil |
| | 40-50 gallon | | Elec Tank .90 EF | | Gas Tank .58 EF | (add | Solar Water Heating |
| | | | Elec Tank .95 EF | | Gas Tank .62 EF | ruuui | mondi mornanon is needed) |
| | | | Elec Tankless | | Gas Tankless .80 EF or highe | er | |
| 7b | Water Heater Type: | X | Individual units | | Central Boiler | | |
| 7c | Water Htr Location: | X | Conditioned Space | | Unconditioned Space (atti | c/g | arage) |
| 8 | Stove/Range: | X | Electric | | Natural Gas | 1 132 | |
| 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 |
| | LOW Flow Waler. | | | | | | |
| 10 | | | and DHW) COP Rating | g: | | | |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| De | velopment Name & N | o.: | | Ca | melia Court AMP 8 | | br |
|------|-----------------------------|-------------|-----------------------------|--------------------|---------------------------------------|---------|-------------------------------|
| Bui | | | -33 9 7 945 | | ot | | |
| Res | | | | - Carrier | | Tras | |
| | | - | | THE REAL PROPERTY. | X Natural Gas X Wa | | |
| | | | | | ency) (Stop here if ALL utilities | | Master Metered) |
| Ве | droom Sizes: ☐ OBR/ | EFF (_ |) 1BR (14) 2BR | () | ☐ 3BR () ☐ 4BR () ☐ 5 | BR (_ | _) |
| 1 | Foundation Type: | X | Concrete Slab | | Pier-Beam (Crawl Space) | | Basement |
| 2 | Window Type: | | | | Double Pane Low-E | | Double Pane/Vinyl |
| 3 | # of Stories in Unit: | | C: (Solo | ır He | eat Gain Coefficient) | | Building has multiple |
| 4 | | | : Siding X Brick S | Stuc | co 🗆 Other: | | stories |
| _ | HVAC | | | | | | |
| 5a | Heating Fuel: | X | Electric | | Natural Gas | | Other: |
| 5b | Is Heating Individual | ly Me | tered? | | Yes | X | No |
| 5c | Heating Type: | | Electric Baseboard | X | Forced Air Furnace/Wall unit (80 AFUE | :) | Central Boiler (radient) |
| | Energy Efficiencies | | | | Forced Air Furnace w/duc | ts X | electric or _ natural gas |
| | Models H | | | g: S | EER:14_ HSPF: | | |
| | | | Solar Panels Installed | d) | (High Efficiency) Gas Furno | ace | (90 AFUE) |
| 5d | Heating Equipment L | ocati | on: | | 7 | | |
| | | X | Conditioned Space | | Unconditioned Space (att | ic/g | arage) |
| 5e | Air Conditiioning: | X Ye | s 🗌 No Type: 🗆 | Wir | ndow Unit <u>X</u> Central | Ton | age: <u>1.5</u> |
| 6 | Air Ducts: | X | Yes | | No | | |
| | If Yes, Location: | | Conditioned Space | X | Unconditioned Space (att | ic) | |
| 7a | Water Heater: | X | Electric (30 gal) | | Natural Gas (30 gal) | | Oil |
| | 40-50 gallon | E | Elec Tank .90 EF | | Gas Tank .58 EF | (malali | Solar Water Heating |
| | | E | Elec Tank .95 EF | | Gas Tank .62 EF | radai | tional Information is needed) |
| | | E | Elec Tankless | | Gas Tankless .80 EF or highe | er | |
| 7b | Water Heater Type: | X | ndividual units | | Central Boiler | 9 | |
| 7c | Water Htr Location: | X | Conditioned Space | | Unconditioned Space (atti | c/g | arage) |
| 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: | S | shower, Faucets, Toilets | | Lighting: X 100% CFL | 1009 | % LED |
| 10 | GeoThermal (HV | /AC c | and DHW) COP Rating | g: | | | |
| Note | es/Comments: | | | | | | |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | relopment Name & No |) .: | Attucks | s Cc | ourt AMP 5 Units 69-7 | 6 / 113-120 |
|-------------------------------|---|---------------|---|------------------|---|--|
| Buil | | | tructure Type: Apt | | | |
| Resi | | _ | rise/mid-rise), kH=kow House ctric | | nhouse, SD=Semi-Detached/Dupl Water Sewer | Trash |
| | | | | | Natural Gas X Water | ПОЗП |
| OR | X All Utilities are Ma | ıster | Metered (Paid by the / | Ager | ncy) (Stop here if ALL utilities a | re Master Metered) |
| Bec | lroom Sizes: □ OBR/E | _ | | _ | 3BR () | () |
| 1 | Foundation Type: | X | - | | Pier-Beam (Crawl Space) | Basement |
| 2 | Window Type: U-Factor: | SHG | Single Pane C:(Solai | X r He(| Double Pane Low-E | Double Pane/Vinyl |
| 3 | # of Stories in Unit: | | One or 1 _ Two | | | Building has multiple |
| 4 | | ding | g: Siding X Brick X St | tucc | co Other: | stories |
| 5a | HVAC Heating Fuel: | X | Electric | | Natural Gas | Other: |
| 5b | Is Heating Individual | | - | X | Yes | No No |
| | Heating Type: | | Electric Baseboard | | Forced Air Furnace/Wall unit (80 AFUE | |
| | Energy Efficiencies | X | Heat Pump | | Forced Air Furnace w/duct | |
| | _ · · | | Pump Efficiency Rating | g: SE | EER: HSPF: | |
| | | | Solar Panels Installed | 4) | (High Efficiency) Gas Furno | ace (90 AFUE) |
| 5d | Heating Equipment L | ocal | | | | |
| | | | | | | |
| | | $\overline{}$ | Conditioned Space | | Unconditioned Space (att | |
| 5e | Air Conditiioning: | $\overline{}$ | <u> </u> | | Unconditioned Space (attinuous Unit X Central | ic/garage) Tonage: <u>1.5</u> |
| 5e 6 | Air Conditiioning: | $\overline{}$ | <u> </u> |] Wir | <u>'</u> | |
| | | $\overline{}$ | 'es □ No Type: □ | Wir | ndow Unit X Central | Tonage: <u>1.5</u> |
| 6 | Air Ducts: | $\overline{}$ | 'es □ No Type: □ | Wir | ndow Unit X Central | Tonage: <u>1.5</u> |
| 6 | Air Ducts: If Yes, Location: | $\overline{}$ | 'es No Type: C Yes Conditioned Space | X X | ndow Unit X Central No Unconditioned Space (atti | Tonage:1.5 ic) Oil Solar Water Heating |
| 6 | Air Ducts: If Yes, Location: Water Heater: | $\overline{}$ | Yes No Type: Conditioned Space Electric (30 gal) | X X | No Unconditioned Space (atti | Tonage: |
| 6 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon | $\overline{}$ | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF | X X | No Unconditioned Space (atti Natural Gas (30 gal) Gas Tank .58 EF | Tonage: |
| 6 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: | XY | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank less Individual units | X X X | No Unconditioned Space (atti Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or higher | Tonage: |
| 6 7a | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon | XY | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless | X X X | No Unconditioned Space (atti Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or higher | Tonage: |
| 6 7a 7b | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: | XY | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank less Individual units | X X X | No Unconditioned Space (atti Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or higher | Tonage: |
| 6 7a 7b 7c | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | XY | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric | X X X | No Unconditioned Space (atti Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or highe Central Boiler Unconditioned Space (atti | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: | XY | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) | X X X | No Unconditioned Space (attilunction) Watural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or higher Unconditioned Space (attilunction) Natural Gas Ceiling (R-38) | Tonage:1.5 ic) Oil Solar Water Heating (additional Information is needed) er ic/garage) Wall (R-13) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: | XY | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) | X X X | No Unconditioned Space (attilination) Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or higher Central Boiler Unconditioned Space (attilination) Natural Gas Ceiling (R-38) Ceiling (R-49) | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | XY | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) | X X X | No Unconditioned Space (attilunction) Watural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or higher Unconditioned Space (attilunction) Natural Gas Ceiling (R-38) | Tonage:1.5 ic) Oil Solar Water Heating (additional Information is needed) er ic/garage) Wall (R-13) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Y | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) | X X X X | No Unconditioned Space (attilination) Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or higher Central Boiler Unconditioned Space (attilination) Natural Gas Ceiling (R-38) Ceiling (R-49) | Tonage: |
| 6 7a 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Y | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) Shower, Faucets, Toilets | X X X X | No Unconditioned Space (attilination) Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or higher Central Boiler Unconditioned Space (attilination) Natural Gas Ceiling (R-38) Ceiling (R-49) | Tonage: |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | elopment Name & No | D.: | Attucks Court AM | IP 5 | Units 5-12 / 13-20 / 29-36 / 21-2 | 28 /45-52 / 87-94 / 95-102 |
|-------------------------------|---|----------------|---|------------------|---|--|
| | Legend: Apt=Apartment | (low-ı | | e/Tow |] High-Rise X RH □ S nhouse, SD=Semi-Detached/Dupl | lex, DH=Detached House |
| | | | ctric 🔲 Natural Gas | | | Trash |
| Age OR | ency-Paid Check-Me X All Utilities are Mo | terec aster | d Utilities: | X Age | Natural Gas X Water ncy) (Stop here if ALL utilities a | are Master Metered) |
| Bec | Iroom Sizes: X OBR/ | | | | 3BR () | () |
| 1 | Foundation Type: | X | Concrete Slab | X | Pier-Beam (Crawl Space) | Basement |
| 2 | Window Type: | | Single Pane GC:(Sola | | Double Pane Low-E | Double Pane/Vinyl |
| 3 | U-Factor: # of Stories in Unit: | | GC: (Sola One or Two | ir Hed | af Gain Coefficientj | Building has multiple |
| 4 | Exterior Veneer/Clac | | g: Siding X Brick X S | tucc | co Other: | stories |
| 5a | HVAC Heating Fuel: | X | Electric | | Natural Gas | Other: |
| 5b | Is Heating Individual | | - | X | Yes | No No |
| | Heating Type: | | Electric Baseboard | | Forced Air Furnace/Wall unit (80 AFUE | |
| | Energy Efficiencies | X | Heat Pump | | Forced Air Furnace w/duc | |
| | | | Pump Efficiency Rating | | EER: HSPF: | |
| | | | Solar Panels Installed | | (High Efficiency) Gas Furno | ace (90 AFUE) |
| 5d | Heating Equipment L | | tion: | | | |
| | | V | 0 "" | | | |
| | | $\overline{}$ | Conditioned Space | | Unconditioned Space (att | |
| 5e | Air Conditiioning: | $\overline{}$ | <u> </u> | | JUnconditioned Space (att ndow Unit X Central | ic/garage) Tonage: <u>1.5</u> |
| 5e 6 | Air Conditiioning: | $\overline{}$ | <u> </u> | Wir | <u> </u> | |
| | | $\overline{}$ | res □ No Type: □ | Wir | ndow Unit X Central | Tonage: <u>1.5</u> |
| 6 | Air Ducts: | $\overline{}$ | Yes Conditioned Space Electric (30 gal) | X | ndow Unit X Central | Tonage: <u>1.5</u> |
| 6 | Air Ducts: If Yes, Location: | $\overline{}$ | Yes No Type: C Yes Conditioned Space | X X | ndow Unit X Central No Unconditioned Space (att | Tonage:1.5 ic) Oil Solar Water Heating |
| 6 | Air Ducts: If Yes, Location: Water Heater: | $\overline{}$ | Yes Conditioned Space Electric (30 gal) | X X | ndow Unit X Central No Unconditioned Space (atta Natural Gas (30 gal) | Tonage: |
| 6 | Air Ducts: If Yes, Location: Water Heater: | $\overline{}$ | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF | X X | No Unconditioned Space (atta Natural Gas (30 gal) Gas Tank .58 EF | Tonage: |
| 6 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: | XY | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank less Individual units | X X | ndow Unit X Central No Unconditioned Space (attained) Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or higher Central Boiler | Tonage: |
| 6 7a | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon | XY | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless | X X | ndow Unit X Central No Unconditioned Space (atta Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or higher | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: | XY | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank less Individual units Conditioned Space | X X | ndow Unit X Central No Unconditioned Space (attained) Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or higher Central Boiler | Tonage: |
| 6 7a 7b 7c | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank less Individual units Conditioned Space Electric | X X X | ndow Unit X Central No Unconditioned Space (att. Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or higher Central Boiler Unconditioned Space (att. Natural Gas | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20)(min.) | X X X | No Unconditioned Space (atta Natural Gas (30 gal) Gas Tank .58 EF Gas Tankless .80 EF or higher Central Boiler Unconditioned Space (atta Natural Gas Ceiling (R-38) | Tonage:1.5 ic) Oil Solar Water Heating (additional Information is needed) er ic/garage) Wall (R-13) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) | X X X | ndow Unit X Central No Unconditioned Space (attal Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or higher Unconditioned Space (attal Natural Gas Ceiling (R-38) Ceiling (R-49) | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20)(min.) | X X X | No Unconditioned Space (atta Natural Gas (30 gal) Gas Tank .58 EF Gas Tankless .80 EF or higher Central Boiler Unconditioned Space (atta Natural Gas Ceiling (R-38) | Tonage:1.5 ic) Oil Solar Water Heating (additional Information is needed) er ic/garage) Wall (R-13) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Y | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) | X X X X | ndow Unit X Central No Unconditioned Space (attal Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or higher Unconditioned Space (attal Natural Gas Ceiling (R-38) Ceiling (R-49) | Tonage: |
| 6 7a 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Y | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) Shower, Faucets, Toilets | X X X X | ndow Unit X Central No Unconditioned Space (attal Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or higher Unconditioned Space (attal Natural Gas Ceiling (R-38) Ceiling (R-49) | Tonage: |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | elopment Name & No | 0.: | Attucks | s Co | ourt AMP 5 Units 53-62 / 77- | 86 / 103-112 |
|-------------------------------|--|----------------|---|------------------|--|---|
| | Legend: Apt=Apartment | (low-ı | | e/Tow | nhouse, SD=Semi-Detached/Dup | lex, DH=Detached House |
| | | | ctric 🗌 Natural Gas | | | Trash |
| Age OR | ncy-Paid Check-Me X All Utilities are Mo | terec aster | d Utilities: Delectric Metered (Paid by the A | X Age | Natural Gas X Water ncy) (Stop here if ALL utilities o | are Master Metered) |
| Bed | lroom Sizes: □ OBR/E | :FF (_ | _) 🗆 1BR () X 2BR (18) | X | 3BR (12) | (_) GBR (_) |
| 1 | Foundation Type: | X | Concrete Slab | X | Pier-Beam (Crawl Space) | Basement |
| 2 | Window Type: | 2110 | Single Pane | | Double Pane Low-E | Double Pane/Vinyl |
| 3 | U-Factor: # of Stories in Unit: | SHG | SC:(Sola _One or_ _2 _Two | r He | at Gain Coefficient) | Building has multiple |
| | | ding | g: Siding X Brick X S | tucc | co Other: | stories |
| | HVAC Heating Fuel: | Y | Electric | | Natural Gas | Other: |
| | Is Heating Individual | | - | X | Yes | No |
| | Heating Type: | , | Electric Baseboard | | Forced Air Furnace/Wall unit (80 AFU | |
| | | X | Heat Pump | | Forced Air Furnace w/duc | |
| | | | Pump Efficiency Rating | g: SI | | |
| | | | Solar Panels Installed | | (High Efficiency) Gas Furn | ace (90 AFUE) |
| 5d | Heating Equipment L | oca | | ed) | | |
| | | 1/ | | | | |
| | | Χ | Conditioned Space | | Unconditioned Space (at | |
| 5e | Air Conditiioning: | $\overline{}$ | <u> </u> | L] Wi | Unconditioned Space (at a notation $f X$ Central | tic/garage) Tonage: <u>1.5</u> |
| 5e 6 | Air Conditiioning: | $\overline{}$ | <u> </u> | | <u> </u> | |
| 6 | | $\overline{}$ | 'es □ No Type: □ | | ndow Unit X Central | Tonage: |
| 6 | Air Ducts: | $\overline{}$ | 'es □ No Type: □ Yes | X | ndow Unit X Central | Tonage: |
| 6 | Air Ducts: If Yes, Location: | $\overline{}$ | Yes No Type: C | X | ndow Unit X Central No Unconditioned Space (at | Tonage:1.5 tic) Oil Solar Water Heating |
| 6 | Air Ducts: If Yes, Location: Water Heater: | $\overline{}$ | Yes No Type: C Conditioned Space Electric (30 gal) | X | ndow Unit X Central No Unconditioned Space (at: Natural Gas (30 gal) | Tonage: |
| 6 | Air Ducts: If Yes, Location: Water Heater: | $\overline{}$ | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF | X | No Unconditioned Space (at: Natural Gas (30 gal) Gas Tank .58 EF | Tonage:1.5 tic) Oil Solar Water Heating (additional Information is needed) |
| 6 7a | Air Ducts: If Yes, Location: Water Heater: | $\overline{}$ | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF | X X X | ndow Unit X Central No Unconditioned Space (at: Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or high Central Boiler | Tonage:1.5 tic) Oil Solar Water Heating (additional Information is needed) er |
| 6 7a 7b | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon | $\overline{}$ | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless | X X X | ndow Unit X Central No Unconditioned Space (at: Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or high | Tonage:1.5 tic) Oil Solar Water Heating (additional Information is needed) er |
| 6 7a 7b 7c | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: | $\overline{}$ | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank less Individual units | X X X | ndow Unit X Central No Unconditioned Space (at: Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or high Central Boiler | Tonage:1.5 tic) Oil Solar Water Heating (additional Information is needed) er |
| 6 7a 7b 7c | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric | X X X X | ndow Unit X Central No Unconditioned Space (at: Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or high Central Boiler Unconditioned Space (at: Natural Gas | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: | $\overline{}$ | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20)(min.) | X X X X | ndow Unit X Central No Unconditioned Space (at: Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or high Central Boiler Unconditioned Space (at: Natural Gas Ceiling (R-38) | Tonage:1.5 fic) Oil Solar Water Heating (additional Information is needed) er fic/garage) Wall (R-13) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) | X X X X | ndow Unit X Central No Unconditioned Space (att Natural Gas (30 gal) Gas Tank .58 EF Gas Tankless .80 EF or high Central Boiler Unconditioned Space (att Natural Gas Ceiling (R-38) Ceiling (R-49) | Tonage:1.5 Oil |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Y | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) Shower, Faucets, Toilets | X X X X | ndow Unit X Central No Unconditioned Space (at: Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or high Central Boiler Unconditioned Space (at: Natural Gas Ceiling (R-38) Ceiling (R-49) | Tonage:1.5 fic) Oil Solar Water Heating (additional Information is needed) er fic/garage) Wall (R-13) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Y | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) | X X X X | ndow Unit X Central No Unconditioned Space (att Natural Gas (30 gal) Gas Tank .58 EF Gas Tankless .80 EF or high Central Boiler Unconditioned Space (att Natural Gas Ceiling (R-38) Ceiling (R-49) | Tonage:1.5 Oil |
| 6 7a 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Y | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) Shower, Faucets, Toilets | X | ndow Unit X Central No Unconditioned Space (at: Natural Gas (30 gal) Gas Tank .58 EF Gas Tankless .80 EF or high Central Boiler Unconditioned Space (at: Natural Gas Ceiling (R-38) Ceiling (R-49) Lighting: X 100% CFL | Tonage: |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | relopment Name & No | o.: | Attucks (| Cou | rt AMP 5 Unit | S 1/4 37/40 41/44 |
|--------------------------|---|---|---|------------------|--|--|
| Buil | ding: Year Built: 1940 | Stı | ructure Type: 🗆 Apt | |] High-Rise \mathbf{X} RH \square | SD 🗆 DH |
| | Legend: Apt=Apartment | (low-r | rise/mid-rise), RH=Row House | e/Tov | vnhouse, SD=Semi-Detached/Du | |
| | | | ctric \square Natural Gas | | | Trash |
| | | | | | Natural Gas X Water ency) (Stop here if ALL utilitie | s are Master Metered) |
| OR | | | | | | |
| ьес | | _ | 1 | | 3BR (3) □ 4BR (<u>)</u> □ 5BR (<u> </u> | |
| 1 | Foundation Type: | | Concrete Slab | | Pier-Beam (Crawl Space) | |
| 2 | Window Type: U-Factor: | SHG | | | Double Pane Low-E | Double Pane/Vinyl |
| 3 | # of Stories in Unit: | X | One or Two | | , | Building has multiple |
| 4 | Exterior Veneer/Clac | ding | j: □ Siding X Brick □ | Stuc | cco 🗆 Other: | stories |
| | HVAC | V | le | |] | |
| | _ | | Electric | | Natural Gas | Other: |
| 5b | Is Heating Individual | _ | • | X |]Yes | No |
| 5c | Heating Type: | | Electric Baseboard | | Forced Air Furnace/Wall unit (80 AFI | , , |
| | = | | Heat Pump Pump Efficiency Rating | n. SI | _Forced Air Furnace w/au EER: 14 _ HSPF: | Ctselectric ornatural gas |
| | Models | | Solar Panels Installed | | (High Efficiency) Gas Furr | nace (90 AFUF) |
| Ed | Heating Equipment L | | (additional Information is neede | | | |
| 5d | | | Conditioned Space | | Unconditioned Space (at | ttic/aaraae) |
| | | | | | | |
| 5e | Air Conditioning | | ' |] Wi | | Tonage:1.5 |
| | Air Conditiioning: | ΧY | es No Type: C |] Wi | ndow Unit X Central | <u> </u> |
| 5e 6 | Air Ducts: | XY | es No Type: C |] Wi | ndow Unit X Central | Tonage: |
| _ | | XY | es No Type: C |] Wi | ndow Unit X Central | Tonage: |
| 6 | Air Ducts: If Yes, Location: Water Heater: | XY | es No Type: C Yes Conditioned Space Electric (30 gal) | X | ndow Unit X Central No Unconditioned Space (at | Tonage: |
| 6 | Air Ducts: If Yes, Location: | XY | es No Type: C Yes Conditioned Space | | ndow Unit X Central No Unconditioned Space (as | Tonage: ttic) Oil Solar Water Heating |
| 6 | Air Ducts: If Yes, Location: Water Heater: | XY | es No Type: C Yes Conditioned Space Electric (30 gal) | X | ndow Unit X Central No Unconditioned Space (at | Tonage: |
| 6 | Air Ducts: If Yes, Location: Water Heater: | XY | es No Type: C Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF | X | ndow Unit X Central No Unconditioned Space (at Natural Gas (30 gal) Gas Tank .58 EF | Tonage: |
| 6 | Air Ducts: If Yes, Location: Water Heater: | XY | es No Type: C Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF | X | ndow Unit X Central No Unconditioned Space (at Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF | Tonage: |
| 6 7a | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon | XY | es No Type: C Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless | X | ndow Unit X Central No Unconditioned Space (and Indian In | Tonage: |
| 6 7a 7b | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: | XY | es No Type: C Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless Individual units | X | ndow Unit X Central No Unconditioned Space (at Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or high Central Boiler X2 | Tonage: |
| 6 7a 7b 7c | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: | XY | es No Type: C Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank less Individual units Conditioned Space Electric | X X X | ndow Unit X Central No Unconditioned Space (at Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or high Central Boiler X2 Unconditioned Space (at | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: | XY | es No Type: C Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20)(min.) | X X X | ndow Unit X Central No Unconditioned Space (and Indianal Gas (30 gal)) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or high Central Boiler X2 Unconditioned Space (and Indianal Gas) Ceiling (R-38) | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | XXX | es No Type: C Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank less Individual units Conditioned Space Electric | X X X | ndow Unit X Central No Unconditioned Space (and Indianal Gas (30 gal)) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or high Indianal Gas Unconditioned Space (and Indianal Gas) Ceiling (R-38) Ceiling (R-49) | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | XXX | es No Type: C Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20)(min.) | X X X | ndow Unit X Central No Unconditioned Space (and Indianal Gas (30 gal)) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or high Central Boiler X2 Unconditioned Space (and Indianal Gas) Ceiling (R-38) | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Y X X X X X X X X X X X X X X X X X X | es No Type: C Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) | X X X X | ndow Unit X Central No Unconditioned Space (and Indianal Gas (30 gal)) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or high Indianal Gas Unconditioned Space (and Indianal Gas) Ceiling (R-38) Ceiling (R-49) | Tonage: |
| 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Y X X X X X X X X X X X X X X X X X X | es No Type: C Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) Shower, Faucets, Toilets | X X X X | ndow Unit X Central No Unconditioned Space (and Indianal Gas (30 gal)) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or high Indianal Gas Unconditioned Space (and Indianal Gas) Ceiling (R-38) Ceiling (R-49) | Tonage: |
| 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: GeoThermal (H | X Y X X X X X X X X X X X X X X X X X X | es No Type: C Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) Shower, Faucets, Toilets | X X X X | ndow Unit X Central No Unconditioned Space (and Indianal Gas (30 gal)) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or high Indianal Gas Unconditioned Space (and Indianal Gas) Ceiling (R-38) Ceiling (R-49) | Tonage: |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Building: Year Built: $\underline{1940}$ Structure Type: \square Apt \square High-Rise \boldsymbol{X} RH \square SD \square DH | 144/151-156 |
|---|-----------------------------------|
| building. real built. 1940 Shociate type. — Apr. — night-kise 🔥 kin — 3D. — Dh. | |
| Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached | ched House |
| Resident-Paid Utilities: X Electric Natural Gas Water Sewer Trash | |
| Agency-Paid Check-Metered Utilities: Electric X Natural Gas X Water All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master | Metered) |
| Bedroom Sizes: □ OBR/EFF () □ 1BR () X 2BR (2) X 3BR (4) □ 4BR () □ 5BR () □ 6BR | (_) |
| 1 Foundation Type: X Concrete Slab Pier-Beam (Crawl Space) Baser | ment |
| | le Pane/Vinyl |
| U-Factor: SHGC: (Solar Heat Gain Coefficient) # of Stories in Unit: One or X Two | g has multiple |
| 4 Exterior Veneer/Cladding: ☐ Siding X Brick ☐ Stucco ☐ Other:stories | |
| HVAC 5a Heating Fuel: X Electric Natural Gas Other | : |
| 5b Is Heating Individually Metered? X Yes No | |
| 5c Heating Type: Electric Baseboard Forced Air Furnace/Wall unit (80 AFUE) Centr | ral Boiler (radient) |
| Energy Efficiencies X Heat Pump Forced Air Furnace w/ductselectric | ornatural gas |
| Models Heat Pump Efficiency Rating: SEER:14_ HSPF: | |
| Solar Panels Installed (High Efficiency) Gas Furnace (90 AFL (additional Information is needed) | JE) |
| Heating Equipment Location: | |
| X Conditioned Space Unconditioned Space (attic/garage) Air Conditioning: X Yes No Type: Window Unit X Central Tonage: | |
| 5e Air Conditioning: X Yes □ No Type: □ Window Unit X Central Tonage: □ | <u>1.5</u> |
| 6 Air Ducts: X Yes No | |
| If Yes, Location: X Conditioned Space Unconditioned Space (attic) | |
| 7a Water Heater: Electric (30 gal) X Natural Gas (30 gal) Oil | |
| | Water Heating ormation is needed) |
| | officialistic fielded) |
| Elec Tank .95 EF Gas Tank .62 EF | |
| | |
| Elec Tank .95 EF Gas Tank .62 EF | |
| Elec Tank .95 EF Gas Tank .62 EF Elec Tankless Gas Tankless .80 EF or higher |) |
| Elec Tank .95 EF Gas Tank .62 EF Elec Tankless Gas Tankless .80 EF or higher Tb Water Heater Type: Individual units X Central Boiler |) |
| Elec Tank .95 EF Elec Tankless Gas Tank .62 EF Elec Tankless Gas Tankless .80 EF or higher The Water Heater Type: Individual units X Central Boiler X Unconditioned Space (attic/garage) Stove/Range: Electric X Natural Gas Finergy Efficiencies: | |
| Elec Tank .95 EF Elec Tankless Gas Tank .62 EF Cas Tankless .80 EF or higher The Water Heater Type: Individual units Water Htr Location: Conditioned Space Stove/Range: Electric Electric X Natural Gas Finergy Efficiencies: X Ceiling (R-20) (min.) Ceiling (R-38) | (R-13) |
| Elec Tank .95 EF Elec Tankless Gas Tank .62 EF Elec Tankless Gas Tankless .80 EF or higher The Water Heater Type: Individual units X Central Boiler X Unconditioned Space (attic/garage) Stove/Range: Electric X Natural Gas Finergy Efficiencies: Insulation: X Ceiling (R-20) (min.) Ceiling (R-38) Wall (Market Heater Type: Water Heater Type: Individual units X Central Boiler X Unconditioned Space (attic/garage) Water Heater Type: Insulation: Conditioned Space X Natural Gas Ceiling (R-38) Wall (Market Heater Type: Wall (Market Heater Type: Ceiling (R-39) Ceiling (R-49) | (R-13) |
| Elec Tank .95 EF Elec Tankless Gas Tank .62 EF Cas Tankless .80 EF or higher The Water Heater Type: Individual units Water Htr Location: Conditioned Space Stove/Range: Electric Electric X Natural Gas Finergy Efficiencies: X Ceiling (R-20) (min.) Ceiling (R-38) | (R-13) |
| Elec Tank .95 EF Elec Tankless Gas Tank .62 EF Elec Tankless Gas Tankless .80 EF or higher The Water Heater Type: Individual units X Central Boiler X Unconditioned Space (attic/garage) Stove/Range: Electric X Natural Gas Finergy Efficiencies: Insulation: X Ceiling (R-20) (min.) Ceiling (R-38) Wall (Market Heater Type: Water Heater Type: Individual units X Central Boiler X Unconditioned Space (attic/garage) Water Heater Type: Insulation: Conditioned Space X Natural Gas Ceiling (R-38) Wall (Market Heater Type: Wall (Market Heater Type: Ceiling (R-39) Ceiling (R-49) | (R-13) |
| Elec Tank .95 EF Elec Tankless Gas Tank .62 EF Cas Tankless .80 EF or higher The Water Heater Type: Individual units Conditioned Space Water Htr Location: Conditioned Space Water Har Location: X Ceiling (R-20) (min.) Ceiling (R-38) Ceiling (R-38) Ceiling (R-49) Low Flow Water: Shower, Faucets, Toilets Lighting: X 100% CFL 100% LED | (R-13) |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | relopment Name & N | o.: | Attucks Co | urt AMP 5 | Units 121-126 |
|-------------------------------|---|----------------|--|--|---|
| | Legend: Apt=Apartment | (low-r | rise/mid-rise), RH=Row House | e/Townhouse, SD=Semi-Detached/D | SD DH Duplex, DH=Detached House |
| | | | | | ☐ Trash |
| Age OR | ency-Paid Check-Me All Utilities are M | terec Naste | d Utilities: Delectricer Metered (Paid by the | X Natural Gas X Water Agency) (Stop here if ALL utilit | ies are Master Metered) |
| Bec | droom Sizes: ☐ OBR/ | EFF (_ | _) |) X 3BR (6) □ 4BR () □ 5 | BR () |
| 1 | Foundation Type: | X | Concrete Slab | Pier-Beam (Crawl Space | e) Basement |
| 2 | Window Type: | | Single Pane | X Double Pane Low-E | Double Pane/Vinyl |
| 3 | U-Factor: # of Stories in Unit: | SHG | :C: (\$old One or Two | ar Heat Gain Coefficient) | Building has multiple |
| 4 | | dding | g: Siding X Brick | Stucco Other: | stories |
| | HVAC | | ler1.2. | National Care | |
| | Heating Fuel: | | Electric | Natural Gas Yes | Other: |
| 5b 5c | Is Heating Individual | | Electric Baseboard | = | AFUE) X Central Boiler (radient) |
| 30 | Heating Type: Energy Efficiencies | | Heat Pump | | UCtselectric ornatural gas |
| | | | | g: SEER: 14 _ HSPF: | UC15electric offrational gas |
| | | | Solar Panels Installed | (High Efficiency) Gas Fu | rnace (90 AFUE) |
| 5d | Heating Equipment L | | (additional Information is neede | ed) | , |
| <u> </u> | licaming Equipment | | Conditioned Space | Unconditioned Space (| attic/garage) |
| | | | | | |
| 5e | Air Conditiioning: | XY | <u> </u> | Window Unit X Central | Tonage: |
| 5e 6 | Air Conditioning: | XY | <u> </u> | | Tonage: |
| _ | | X | es No Type: C | Window Unit X Central | |
| 6 | Air Ducts: | X | 'es □ No Type: □ Yes | Window Unit X Central | |
| 6 | Air Ducts: If Yes, Location: | X | Yes Conditioned Space | Window Unit X Central No Unconditioned Space (| oil Solar Water Heating |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X | Yes Conditioned Space Electric (30 gal) | Window Unit X Central No Unconditioned Space (Natural Gas (30 gal) | attic) |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF | Window Unit X Central No Unconditioned Space (Natural Gas (30 gal) X Gas Tank .58 EF | Oil Solar Water Heating (additional Information is needed) |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF | Window Unit X Central No Unconditioned Space (a Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF | Oil Solar Water Heating (additional Information is needed) |
| 6 7a | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless | Window Unit X Central No Unconditioned Space (Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or high | Oil Solar Water Heating (additional Information is needed) gher |
| 6 7a 7b | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank less Individual units | Window Unit X Central No Unconditioned Space (a Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or hig X Central Boiler | Oil Solar Water Heating (additional Information is needed) gher |
| 6 7a 7b 7c | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric | Window Unit X Central No Unconditioned Space (a Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or hig X Central Boiler X Unconditioned Space (a X Natural Gas | Oil Solar Water Heating (additional Information is needed) gher attic/garage) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: | X | res No Type: C Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) | Window Unit X Central No Unconditioned Space (and particular of the control of t | Oil Solar Water Heating (additional Information is needed) gher attic/garage) Wall (R-13) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) | Window Unit X Central No Unconditioned Space (and in the property of the prop | Oil Solar Water Heating (additional Information is needed) gher attic/garage) Wall (R-13) Wall (R-19) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | X | res No Type: C Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) | Window Unit X Central No Unconditioned Space (and particular of the control of t | Oil Solar Water Heating (additional Information is needed) gher attic/garage) Wall (R-13) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) | Window Unit X Central No Unconditioned Space (and particular of the control of t | Oil Solar Water Heating (additional Information is needed) gher attic/garage) Wall (R-13) Wall (R-19) |
| 6 7a 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X | res No Type: C Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) Shower, Faucets, Toilets | Window Unit X Central No Unconditioned Space (and particular of the control of t | Oil Solar Water Heating (additional Information is needed) gher attic/garage) Wall (R-13) Wall (R-19) |
| 6 7a 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: GeoThermal (H | X | res No Type: C Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) Shower, Faucets, Toilets | Window Unit X Central No Unconditioned Space (and particular of the control of t | Oil Solar Water Heating (additional Information is needed) gher attic/garage) Wall (R-13) Wall (R-19) |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | elopment Name & No | o.: Attucks Co | urt AMP 5 | Unit 127/128 |
|--------------------------|---|---|---|--|
| Buil | ding: Year Built: 1940 | Structure Type: Ap | t □ High-Rise □ RH | X sd □ dh |
| | ~ | | use/Townhouse, SD=Semi-Detache | ed/Duplex, DH=Detached House |
| | | Electric 🔲 Natural Go | | □ Trash |
| Age | | | X Natural Gas X Wo | |
| OR | All Utilities are Mo | aster Metered (Paid by the | e Agency) (Stop here if ALL o | tilities are Master Metered) |
| Bec | droom Sizes: 🗆 OBR/ | EFF () | (<u>)</u> 2 3BR (X) 4BR (<u>)</u> | ☐ 5BR () ☐ 6BR () |
| 1 | Foundation Type: | X Concrete Slab | Pier-Beam (Crawl Sp | ace) Basement |
| 2 | Window Type: | Single Pane | X Double Pane Low-E | Double Pane/Vinyl |
| 2 | U-Factor: | SHGC:(\$o | lar Heat Gain Coefficient) | Building has multiple |
| 3 4 | # of Stories in Unit: Exterior Veneer/Clac | $\frac{\mathbf{X}}{\mathbf{M}}$ One of $\frac{\mathbf{X}}{\mathbf{M}}$ Brick \square | ☐ Stucco ☐ Other: | stories |
| 4 | HVAC | | | |
| 5a | | X Electric | Natural Gas | Other: |
| 5b | Is Heating Individual | ly Metered? | X Yes | No |
| 5c | Heating Type: | Electric Baseboard | Forced Air Furnace/Wall uni | it (80 AFUE) Central Boiler (radient) |
| | Energy Efficiencies | X Heat Pump | Forced Air Furnace v | v/ductselectric ornatural gas |
| | Models H | Heat Pump Efficiency Rati | ng: SEER: 14 _ HSPF: | <u> </u> |
| | | Solar Panels Installed | | s Furnace (90 AFUE) |
| 5d | Heating Equipment L | | ded) | |
| | • | X Conditioned Space | Unconditioned Space | ce (attic/garage) |
| | | <u> </u> | oneenamenea epae | o famo, garago, |
| 5e | Air Conditiioning: | | ☐ Window Unit X Centre | |
| | | X Yes No Type: | ☐ Window Unit X Centre | |
| 5e 6 | Air Ducts: | X Yes No Type: | ☐ Window Unit X Centre | Tonage: |
| 6 | Air Ducts: If Yes, Location: | X Yes No Type: X Yes X Conditioned Space | ☐ Window Unit X Centre ☐ No ☐ Unconditioned Space | al Tonage: |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X Yes No Type: X Yes X Conditioned Space Electric (30 gal) | Window Unit X Centre No Unconditioned Space Natural Gas (30 gal) | te (attic) |
| 6 | Air Ducts: If Yes, Location: | X Yes No Type: X Yes X Conditioned Space Electric (30 gal) Elec Tank .90 EF | No Unconditioned Space Natural Gas (30 gal) X Gas Tank .58 EF | al Tonage: |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X Yes No Type: X Yes X Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF | No Unconditioned Space Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF | Tonage: |
| 6 7a | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon | X Yes No Type: X Yes X Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless | No Unconditioned Space Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF o | Tonage: |
| 6 7a 7b | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: | X Yes No Type: X Yes X Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless Individual units | No Unconditioned Space Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF of X Central Boiler | Tonage: |
| 6 7a 7b 7c | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: | X Yes No Type: X Yes X Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless Individual units Conditioned Space | No Unconditioned Space Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF of X Central Boiler X Unconditioned Space | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: | X Yes No Type: X Yes X Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless Individual units | No Unconditioned Space Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF of X Central Boiler | Tonage: |
| 6 7a 7b 7c | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | X Yes No Type: X Yes X Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless Individual units Conditioned Space Electric | No Unconditioned Space Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF of X Central Boiler X Unconditioned Space X Natural Gas | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: | X Yes No Type: X Yes X Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric X Ceiling (R-20) (min.) | No Unconditioned Space Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF o X Central Boiler X Unconditioned Space X Natural Gas Ceiling (R-38) | ce (attic) Oil Solar Water Heating (additional Information is needed) or higher ce (attic/garage) Wall (R-13) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: | X Yes No Type: X Yes X Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric X Ceiling (R-20) (min.) Ceiling (R-30) | No Unconditioned Space Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF o X Central Boiler X Unconditioned Space X Natural Gas Ceiling (R-38) Ceiling (R-49) | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | X Yes No Type: X Yes X Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric X Ceiling (R-20) (min.) | Window Unit X Centre No Unconditioned Space Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF o X Central Boiler X Unconditioned Space X Natural Gas Ceiling (R-38) Ceiling (R-49) | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Yes No Type: X Yes X Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric X Ceiling (R-20) (min.) Ceiling (R-30) | Window Unit X Centre No Unconditioned Space Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF o X Central Boiler X Unconditioned Space X Natural Gas Ceiling (R-38) Ceiling (R-49) Lighting: X 100% CFL | Tonage: |
| 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: GeoThermal (H | X Yes No Type: X Yes X Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless Individual units Conditioned Space Electric X Ceiling (R-20) (min.) Ceiling (R-30) Shower, Faucets, Toilet | Window Unit X Centre No Unconditioned Space Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF o X Central Boiler X Unconditioned Space X Natural Gas Ceiling (R-38) Ceiling (R-49) Lighting: X 100% CFL | Tonage: |
| 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Yes No Type: X Yes X Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless Individual units Conditioned Space Electric X Ceiling (R-20) (min.) Ceiling (R-30) Shower, Faucets, Toilet | Window Unit X Centre No Unconditioned Space Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF o X Central Boiler X Unconditioned Space X Natural Gas Ceiling (R-38) Ceiling (R-49) Lighting: X 100% CFL | Tonage: |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | relopment Name & N | o.: | Attucks Cour | T AMP 5 | Units 129 | 9/132 145/148 167/170 |
|-------------------------------|---|-----------------------|--|---|--|---|
| Buile | | | ucture Type: 🗆 Apt | | | |
| | | | | | | pplex, DH=Detached House |
| | | | tric Natural Gas | | | Trash |
| Age OR | | | Utilities: ☐ Electric Metered (Paid by the | | | es are Master Metered) |
| Bec | droom Sizes: 🗆 OBR/ | EFF (|) 🗆 1BR () 🗶 2BR (\$ | 3) X 3BR (3) □ | 4BR () | R () ☐ 6BR () |
| 1 | Foundation Type: | X | Concrete Slab | Pier-Beam | (Crawl Space) |) Basement |
| 2 | Window Type: | | Single Pane | X Double Po | ane Low-E | Double Pane/Vinyl |
| 3 | U-Factor: # of Stories in Unit: | SHGC | C:(Sola One or_ X _Two | r Heat Gain Coe | :fficient) | Building has multiple |
| 4 | Exterior Veneer/Cla | | Siding X Brick | Stucco 🗆 Oth | ner: | stories |
| | HVAC | | 1 1 | | | |
| | Heating Fuel: | | Electric | Natural Go | as | Other: |
| 5b | Is Heating Individual | _ | | X Yes | 100 AE | No Central Boiler (material) |
| 5c | Heating Type: Energy Efficiencies | | Electric Baseboard Heat Pump | _ | urnace/wall unit (80 AF | Central Boiler (radient) Ctselectric ornatural gas |
| | <u> </u> | | าeat Pump Pump Efficiency Rating | | | IC1Selectric ornatural gas |
| | | S | Solar Panels Installed | (High Effic | iency) Gas Furr | nace (90 AFUE) |
| 5d | Heating Equipment L | | additional Information is neede | (d) | | |
| Ju | neuling Equipmen. | | Conditioned Space | Uncondition | oned Space (a | ttic/aaraae) |
| | - | 4 | soriamorica opace | onconame | crica opace ja | , 9 9 - / |
| 5e | Air Conditiioning: | | _ _ | Window Unit | | Tonage: |
| 5e 6 | Air Conditioning: | X Ye | _ _ | | | <u> </u> |
| _ | | X Ye | es No Type: C | Window Unit | | Tonage: <u>1.5</u> |
| 6 | Air Ducts: | X Ye | es No Type: C | Window Unit No Uncondition | X Central | Tonage: <u>1.5</u> |
| 6 | Air Ducts: If Yes, Location: | X Ye | es No Type: C | Window Unit No Uncondition | X Central oned Space (a | Tonage: Ittic) Oil Solar Water Heating |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X Ye | Yes No Type: Conditioned Space Electric (30 gal) Elec Tank .90 EF | Window Unit No Uncondition Natural Go | X Central oned Space (a as (30 gal) .58 EF | Tonage: |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X Ye | No Type: Conditioned Space | Window Unit No Uncondition Natural Go X Gas Tank Gas Tank | X Central oned Space (a as (30 gal) .58 EF .62 EF | Tonage: ttic) Oil Solar Water Heating (additional Information is needed) |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X Ye | Yes No Type: Conditioned Space Electric (30 gal) Elec Tank .90 EF | Window Unit No Uncondition Natural Go X Gas Tank Gas Tank | X Central oned Space (a as (30 gal) .58 EF .62 EF ess .80 EF or hig | Tonage: ttic) Oil Solar Water Heating (additional Information is needed) |
| 6 7a | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon | X Ye | Pes No Type: Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless | No Uncondition Natural Go X Gas Tank Gas Tank Gas Tank X Central Bo | X Central oned Space (a as (30 gal) .58 EF .62 EF ess .80 EF or hig | Tonage: |
| 6 7a 7b | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: | X Ye | Yes No Type: Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank less Individual units | No Uncondition Natural Go X Gas Tank Gas Tank Gas Tank X Central Bo | X Central oned Space (a as (30 gal) .58 EF .62 EF ess .80 EF or hig biler X2 oned Space (a | Tonage: |
| 6 7a 7b 7c | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: | X Ye X Y | Pes No Type: Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric | No Uncondition Natural Go X Gas Tank Gas Tank Gas Tank X Central Bo X Uncondition | X Central oned Space (a as (30 gal) .58 EF .62 EF ess .80 EF or hig biler X2 oned Space (a | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: | X Ye X Ye X Ye X G | Pes No Type: Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) | Window Unit No Uncondition Natural Go X Gas Tank Gas Tank Gas Tankle X Central Bo X Uncondition X Natural Go Ceiling (R- | X Central oned Space (a as (30 gal) .58 EF .62 EF ess .80 EF or hig biler X2 oned Space (a as | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | X Ye X Ye X Ye X G | Pes No Type: Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric | Window Unit No Uncondition Natural Go X Gas Tank Gas Tank Gas Tank X Central Bo X Uncondition X Natural Go Ceiling (R- Ceiling (R- | X Central oned Space (a as (30 gal) .58 EF .62 EF ess .80 EF or hig biler X2 oned Space (a as -38) -49) | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | X Ye X Ye X O | Pes No Type: Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) | Window Unit No Uncondition Natural Go X Gas Tank Gas Tank Gas Tank X Central Bo X Uncondition X Natural Go Ceiling (R- Ceiling (R- | X Central oned Space (a as (30 gal) .58 EF .62 EF ess .80 EF or hig biler X2 oned Space (a as | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Ye X Ye X Ye X O | res No Type: Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) | Window Unit No Uncondition Natural Go X Gas Tank Gas Tank X Central Bo X Uncondition X Natural Go Ceiling (R- Lighting:) | X Central oned Space (a as (30 gal) .58 EF .62 EF ess .80 EF or hig biler X2 oned Space (a as -38) -49) | Tonage: |
| 6 7a 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Ye X Ye X Ye X O | res No Type: Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) Shower, Faucets, Toilets | Window Unit No Uncondition Natural Go X Gas Tank Gas Tank X Central Bo X Uncondition X Natural Go Ceiling (R- Lighting:) | X Central oned Space (a as (30 gal) .58 EF .62 EF ess .80 EF or hig biler X2 oned Space (a as -38) -49) | Tonage: |
| 6 7a 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: GeoThermal (H | X Ye X Ye X Ye X O | res No Type: Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) Shower, Faucets, Toilets | Window Unit No Uncondition Natural Go X Gas Tank Gas Tank X Central Bo X Uncondition X Natural Go Ceiling (R- Lighting:) | X Central oned Space (a as (30 gal) .58 EF .62 EF ess .80 EF or hig biler X2 oned Space (a as -38) -49) | Tonage: |

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.

| Dev | relopment Name & No | o.: | ATTUCKS C | Cour | t AMP 5 Uni | TS 129/1 | 132 145/148 |
|-------------------------------|---|---------------------|---|------------------------|---|-------------|--|
| Buil | ding: Year Built: 1940 | <u>S</u> | tructure Type: 🛚 Apt | |] High-Rise ${f X}$ RH \Box | SD | □ DH |
| | Legend: Apt=Apartment (low-rise/mid-rise), RH=Row House/Townhouse, SD=Semi-Detached/Duplex, DH=Detached House | | | | | | |
| | | | | | □ Water □ Sewer □ | Tra | sh |
| Age OR | 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) | | | | | | |
| Bec | droom Sizes: 🗆 OBR/I | EFF (_ |) | 2) > | (3BR (2) □ 4BR (<u></u>) □ 5B | R () | ☐ 6BR (<u></u>) |
| 1 | Foundation Type: | X | Concrete Slab | | Pier-Beam (Crawl Space | e) | Basement |
| 2 | Window Type: | 2110 | Single Pane | X | Double Pane Low-E | | Double Pane/Vinyl |
| 3 | U-Factor: # of Stories in Unit: | | C:(Solo | ır He | at Gain Coefficient) | | Building has multiple |
| 4 | Exterior Veneer/Clac | ding | 5 : □ Siding X Brick □ | Stuc | cco 🗆 Other: | _ | stories |
| | HVAC | | 1 | - | | | |
| | | | Electric | | Natural Gas | | Other: |
| 5b | Is Heating Individual | _ | - | | Yes | X | ∐No |
| 5c | Heating Type: | | Electric Baseboard | | Forced Air Furnace/Wall unit (80 A | | |
| | Energy Efficiencies Models | | | a. s | Forced Air Furnace w/du EER: 14 _ HSPF: | ucts | _electric ornatural gas |
| | Models | leai | Solar Panels Installed | | (High Efficiency) Gas Fur | mace | (90 AFIIF) |
| | | | (additional Information is neede | | | Huce | (70 Al OL) |
| 5d | Heating Equipment L | | tion: Conditioned Space | | Unconditioned Space (d | attic /c | aaraae) |
| | | | <u> </u> | | Joneonamonea space (c | | <u> </u> |
| - | Air Candillianing | \mathbf{Y}_{\vee} | os Dina Typa: D | ٦ ١٨/: | ndow Unit Y Control | Tor | nage: 1.5 |
| 5e | Air Conditiioning: | ΧY | 'es 🗆 No Type: 🗆 |] Wi | ndow Unit X Central | Tor | nage: <u>1.5</u> |
| 5e 6 | Air Conditioning: Air Ducts: | X | Yes |] Wi | ndow Unit X Central No | Tor | nage: <u>1.5</u> |
| | | X | |] Wi | | | nage: <u>1.5</u> |
| 6 | Air Ducts: | X | Yes |] Wi | No | | oil |
| 6 | Air Ducts: If Yes, Location: | X | Yes Conditioned Space | Wi | No Unconditioned Space (d | attic) | Oil Solar Water Heating |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X | Yes Conditioned Space Electric (30 gal) | | No Unconditioned Space (d Natural Gas (30 gal) | attic) | Oil |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF | | No Unconditioned Space (d Natural Gas (30 gal) Gas Tank .58 EF | attic) | Oil Solar Water Heating |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF | | No Unconditioned Space (d Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or hig | attic) | Oil Solar Water Heating |
| 6 7a | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless | X | No Unconditioned Space (d Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or high | attic) (add | Oil Solar Water Heating diffional Information is needed) |
| 6 7a 7b | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless Individual units | X | No Unconditioned Space (d Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or hig Central Boiler X2 | attic) (add | Oil Solar Water Heating diffional Information is needed) |
| 6 7a 7b 7c | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless Individual units Conditioned Space Electric | X X | No Unconditioned Space (d Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or hig Central Boiler X2 Unconditioned Space (d | attic) (add | Oil Solar Water Heating diffional Information is needed) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) | X X | No Unconditioned Space (d Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or hig Central Boiler X2 Unconditioned Space (d Natural Gas Ceiling (R-38) | attic) (add | Oil Solar Water Heating Illitional Information is needed) garage) Wall (R-13) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless Individual units Conditioned Space Electric | X X | No Unconditioned Space (d Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or hig Central Boiler X2 Unconditioned Space (d Natural Gas Ceiling (R-38) Ceiling (R-49) | (add | Oil Solar Water Heating difficient Information is needed) garage) Wall (R-13) Wall (R-19) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) | X X | No Unconditioned Space (d Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or hig Central Boiler X2 Unconditioned Space (d Natural Gas Ceiling (R-38) | (add | Oil Solar Water Heating Illitional Information is needed) garage) Wall (R-13) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20)(min.) Ceiling (R-30) | X X X | No Unconditioned Space (d Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or hig Central Boiler X2 Unconditioned Space (d Natural Gas Ceiling (R-38) Ceiling (R-49) | (add | Oil Solar Water Heating difficient Information is needed) garage) Wall (R-13) Wall (R-19) |
| 6 7a 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20)(min.) Ceiling (R-30) Shower, Faucets, Toilets | X X X | No Unconditioned Space (d Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or hig Central Boiler X2 Unconditioned Space (d Natural Gas Ceiling (R-38) Ceiling (R-49) | (add | Oil Solar Water Heating difficient Information is needed) garage) Wall (R-13) Wall (R-19) |
| 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: GeoThermal (H | X | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20)(min.) Ceiling (R-30) Shower, Faucets, Toilets | X X X | No Unconditioned Space (d Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or hig Central Boiler X2 Unconditioned Space (d Natural Gas Ceiling (R-38) Ceiling (R-49) | (add | Oil Solar Water Heating difficient Information is needed) garage) Wall (R-13) Wall (R-19) |

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AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | velopment Name & N | o.: Att | ucks Court A | MP 5 | Uni | its 149/150 - 171/172 | |
|-------------------------------|---|--|---|---|---|--|--|
| Buil | ding: Year Built: 1940 Legend: Apt=Apartment | _ | | 0 | □ RH X S | SD DH plex, DH=Detached House | |
| Resi | Resident-Paid Utilities: X Electric \square Natural Gas \square Water \square Sewer \square Trash | | | | | | |
| Age | Agency-Paid Check-Metered Utilities: \square Electric X Natural Gas X Water | | | | | | |
| OR | OR All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered) | | | | | | |
| Bec | droom Sizes: 🗆 OBR/ | EFF () | 3R (<u>) </u> |) □3BR (<u>)</u> X 4BR | (2) □ 5BR (|) | |
| 1 | Foundation Type: | X Concre | ete Slab | Pier-Beam (C | Crawl Space) | | |
| 2 | Window Type: | Single F | | X Double Pane or Heat Gain Coefficient | | Double Pane/Vinyl | |
| 3 | U-Factor: # of Stories in Unit: | SHGC: | | r Heat Gairi Coeilid | cientj | Building has multiple | |
| 4 | Exterior Veneer/Clac | ding: Sid | ing X Brick \square | Stucco Other | : | stories | |
| · | HVAC | V slankin | | | | | |
| | Heating Fuel: | X Electric | | Natural Gas | | Other: | |
| 5b | Is Heating Individual | | : Baseboard | X Yes | 4 (00 AEI | No Central Boiler (mation) | |
| 5c | Heating Type: Energy Efficiencies | X Heat Pu | | | | UE X Central Boiler (radient) Ctselectric ornatural gas | |
| | | | | g: SEER: 14 _ H | | 213 <u>electric of </u> natoral gas | |
| | | Solar Po | anels Installed | (High Efficier | | ace (90 AFUE) | |
| 5d | Heating Equipment L | | Unformation is neede | ·d) | | | |
| | 3 - 4-4 | | ioned Space | Uncondition | ed Space (at | tic/garage) | |
| | | | 000.00 | erreerreerr | | . 0 7 | |
| 5e | Air Conditiioning: | X Yes D | · · · · · · · · · · · · · · · · · · · | | X Central | Tonage: | |
| 5e 6 | Air Conditioning: | | · · · · · · · · · · · · · · · · · · · | | | <u> </u> | |
| _ | | X Yes \(\sigma \) Yes | · · · · · · · · · · · · · · · · · · · | Window Unit | | Tonage: | |
| 6 | Air Ducts: | X Yes \(\text{X}\) Yes \(\text{X}\) Conditi | No Type: C | Window Unit | X Central ed Space (at | Tonage: | |
| 6 | Air Ducts: If Yes, Location: | X Yes \(\text{X}\) Yes \(\text{X}\) Conditi | No Type: C | Window Unit No Uncondition | X Central ed Space (at | Tonage: | |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X Yes Yes X Conditi Electric | No Type: Coned Space | Window Unit No Uncondition Natural Gas | X Central ed Space (at (30 gal) B EF | Tonage: | |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X Yes Yes X Conditi Electric | ioned Space (30 gal) nk .90 EF nk .95 EF | No Uncondition Natural Gas X Gas Tank .58 Gas Tank .62 | X Central ed Space (at (30 gal) B EF | Tonage: | |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X Yes Yes X Conditi Electric Elec Ta Elec Ta | ioned Space (30 gal) nk .90 EF nk .95 EF | No Uncondition Natural Gas X Gas Tank .58 Gas Tank .62 | X Central ed Space (at (30 gal) 3 EF 2 EF 5 .80 EF or high | Tonage: | |
| 6 7a | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon | X Yes Yes X Conditi Electric Elec Ta Elec Ta Individu | ioned Space (30 gal) nk .90 EF nk .95 EF nkless | No Uncondition Natural Gas X Gas Tank .58 Gas Tank less | Central ed Space (at (30 gal) B EF EF S .80 EF or higher | Tonage: | |
| 6 7a 7b | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: | X Yes Yes X Conditi Electric Elec Ta Elec Ta Individu | ioned Space (30 gal) nk .90 EF nk .95 EF nkless Jual units ioned Space | No Uncondition Natural Gas X Gas Tank .58 Gas Tank .62 Gas Tankless X Central Boile | Central ed Space (at (30 gal) B EF EF S .80 EF or higher | Tonage: | |
| 6 7a 7b 7c | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | X Yes Nonditi X Yes X Conditi Electric Elec Ta Elec Ta Individu Conditi Electric | ioned Space (30 gal) nk .90 EF nk .95 EF nkless val units ioned Space | No Uncondition Natural Gas X Gas Tank .58 Gas Tank .62 Gas Tankless X Central Boile X Uncondition X Natural Gas | X Central ed Space (at (30 gal) B EF EF S .80 EF or high er ed Space (at | Tonage: | |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: | X Yes Nes X Yes X Condition Electric Elec Ta Elec Ta Individu Condition Electric X Ceiling | ioned Space (30 gal) nk .90 EF nkless ual units ioned Space | Window Unit No Uncondition Natural Gas X Gas Tank .58 Gas Tank .62 Gas Tankless X Central Boile X Uncondition X Natural Gas Ceiling (R-38 | X Central ed Space (at (30 gal) B EF 2 EF 5 .80 EF or high er ed Space (at | Tonage: | |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: | X Yes X Yes X Conditi Electric Elec Ta Elec Ta Individu Conditi Electric X Ceiling Ceiling | ioned Space (30 gal) nk .90 EF nk .95 EF nkless ual units ioned Space (R-20) (min.) (R-30) | No Uncondition Natural Gas X Gas Tank .58 Gas Tank .62 Gas Tankless X Central Boile X Uncondition X Natural Gas Ceiling (R-38 Ceiling (R-49 | X Central ed Space (at (30 gal) B EF 2 EF 5 .80 EF or high er ed Space (at | Tonage: | |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | X Yes X Yes X Conditi Electric Elec Ta Elec Ta Individu Conditi Electric X Ceiling Ceiling | ioned Space (30 gal) nk .90 EF nkless ual units ioned Space | Window Unit No Uncondition Natural Gas X Gas Tank .58 Gas Tank .62 Gas Tankless X Central Boile X Uncondition X Natural Gas Ceiling (R-38 | X Central ed Space (at (30 gal) B EF 2 EF 5 .80 EF or high er ed Space (at | Tonage: | |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: | X Yes Nes Nes Yes X Condition Electric Elec Ta Elec Ta Individu Condition Electric X Ceiling Ceiling Shower, | ioned Space (30 gal) nk .90 EF nkless ual units ioned Space (R-20) (min.) (R-30) Faucets, Toilets | Window Unit No Uncondition Natural Gas X Gas Tank .58 Gas Tank less X Central Boile X Uncondition X Natural Gas Ceiling (R-38 Ceiling (R-49 Lighting: X 1 | X Central ed Space (at (30 gal) B EF 2 EF 5 .80 EF or high er ed Space (at | Tonage: | |
| 6 7a 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Yes Nes Nes Yes X Condition Electric Elec Ta Elec Ta Individu Condition Electric X Ceiling Ceiling Shower, | ioned Space (30 gal) nk .90 EF nkless ual units ioned Space (R-20) (min.) (R-30) Faucets, Toilets | Window Unit No Uncondition Natural Gas X Gas Tank .58 Gas Tank less X Central Boile X Uncondition X Natural Gas Ceiling (R-38 Ceiling (R-49 Lighting: X 1 | X Central ed Space (at (30 gal) B EF 2 EF 5 .80 EF or high er ed Space (at | Tonage: | |
| 6 7a 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: GeoThermal (H | X Yes Nes Nes Yes X Condition Electric Elec Ta Elec Ta Individu Condition Electric X Ceiling Ceiling Shower, | ioned Space (30 gal) nk .90 EF nkless ual units ioned Space (R-20) (min.) (R-30) Faucets, Toilets | Window Unit No Uncondition Natural Gas X Gas Tank .58 Gas Tank less X Central Boile X Uncondition X Natural Gas Ceiling (R-38 Ceiling (R-49 Lighting: X 1 | X Central ed Space (at (30 gal) B EF 2 EF 5 .80 EF or high er ed Space (at | Tonage: | |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | relopment Name & No | o.: Attucks | Court AMP 5 | 127-128 | | | |
|-----------|---|--|--|--|--|--|--|
| Buil | ding: Year Built: 1940 | \bigcirc Structure Type: \square Apt | \square High-Rise \square RH $old X$ | SD DH | | | |
| | | | e/Townhouse, \$D=\$emi-Detached/De | uplex, DH=Detached House | | | |
| | Resident-Paid Utilities: X Electric □ Natural Gas □ Water □ Sewer □ Trash | | | | | | |
| Age OR | 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) | | | | | | |
| Bec | droom Sizes: 🗆 OBR/E | EFF () |) 4 3BR (X) | BR (<u>)</u> | | | |
| 1 | Foundation Type: | X Concrete Slab | Pier-Beam (Crawl Space | e) Basement | | | |
| 2 | Window Type: | Single Pane | X Double Pane Low-E | Double Pane/Vinyl | | | |
| 3 | U-Factor: # of Stories in Unit: | SHGC: (Sold X One or Two | ar Heat Gain Coefficient) | Building has multiple | | | |
| 4 | Exterior Veneer/Clad | dding: Siding X Brick | Stucco 🗆 Other: | stories | | | |
| _ | HVAC | | | | | | |
| 5a | Heating Fuel: | X Electric | Natural Gas | Other: | | | |
| 5b | Is Heating Individual | ly Metered? | <u>X</u> Yes | No | | | |
| 5c | Heating Type: | Electric Baseboard | Forced Air Furnace/Wall unit (80 A | • | | | |
| | | X Heat Pump | | uctselectric ornatural gas | | | |
| | Models 1 | | g: SEER: 14 _ HSPF: | | | | |
| | | Solar Panels Installed (additional Information is need) | | nace (90 AFUE) | | | |
| 5d | Heating Equipment L | | | 11. | | | |
| | | X Conditioned Space | Unconditioned Space (c | <u> </u> | | | |
| 5e | Air Conditiioning: | X Yes U No Type: [| ☐ Window Unit X Central | Tonage: <u>1.5</u> | | | |
| 6 | Air Ducts: | X Yes | No | | | | |
| | If Yes, Location: | X Conditioned Space | Unconditioned Space (c | attic) | | | |
| 7a | Water Heater: | Electric (30 gal) | Natural Gas (30 gal) | Oil | | | |
| | 40-50 gallon | Elec Tank .90 EF | X Gas Tank .58 EF | Solar Water Heating (additional Information is needed) | | | |
| | | Elec Tank .95 EF | Gas Tank .62 EF | (additional miormation is needed) | | | |
| | | Elec Tankless | Gas Tankless .80 EF or hig | gher | | | |
| 7b | Water Heater Type: | Individual units | X Central Boiler | | | | |
| 7c | Water Htr Location: | Conditioned Space | X Unconditioned Space (c | attic/garage) | | | |
| 8 | Stove/Range: | Electric | X Natural Gas | | | | |
| 9 | Energy Efficiencies: | | | | | | |
| | Insulation: | X 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: X 100% CFL | ☐ 100% LED | | | |
| 10 | GeoThermal (H) | VAC and DHW) COP Ratir | ng: | | | | |
| Not | es/Comments: | | | | | | |
| | , - - | | | | | | |
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| | | | | | | | |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | relopment Name & No | o.: | Attucks Co | urt / | AMP 5 | Units 157-162 | |
|-----------|--|--------|-----------------------------|--------------|---------------------------------------|--|--|
| Buile | ding: Year Built: 1940 | St | ructure Type: 🛚 Apt | |] High-Rise $old X$ RH \Box S | | |
| | Legend: Apt=Apartment (| (low-r | ise/mid-rise), RH=Row House | e/Tow | nhouse, SD=Semi-Detached/Dup | | |
| | Resident-Paid Utilities: X Electric Natural Gas Water Sewer Trash | | | | | | |
| Age OR | Agency-Paid Check-Metered Utilities: Electric X Natural Gas X Water All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered) | | | | | | |
| Bec | droom Sizes: 🗆 OBR/E | EFF (_ | _) 🗌 1BR () 🗶 2BR (| 6) [| ☐ 3BR () ☐ 4BR () ☐ 5B | R () | |
| 1 | Foundation Type: | X | Concrete Slab | | Pier-Beam (Crawl Space) | Basement | |
| 2 | Window Type: | | Single Pane | X | | Double Pane/Vinyl | |
| 3 | U-Factor: # of Stories in Unit: | SHG | | rHe | at Gain Coefficient) | Building has multiple | |
| 4 | | lding | : Siding X Brick | Stuc | cco 🗆 Other: | stories | |
| 5a | HVAC Heating Fuel: | X | Electric | | Natural Gas | Other: | |
| 5b | Is Heating Individual | | | X | Yes | No No | |
| 5c | Heating Type: | _ | Electric Baseboard | | Forced Air Furnace/Wall unit (80 AFUI | Central Boiler (radient) | |
| | Energy Efficiencies | X | Heat Pump | | Forced Air Furnace w/duc | tselectric ornatural gas | |
| | Models H | leat | Pump Efficiency Rating | | _ | | |
| | | | Solar Panels Installed | | (High Efficiency) Gas Furn | ace (90 AFUE) | |
| 5d | Heating Equipment L | | | | 1., , , , , , | | |
| | | | Conditioned Space | 1 | Unconditioned Space (at | Tonage: 1.5 | |
| 5e | Air Conditiioning: | XY | es 🗌 No 🏻 Type: 🗀 | J WII | ndow Unit X Central | 1011uge <u>1.5</u> | |
| 6 | Air Ducts: | X | Yes | | No | | |
| | If Yes, Location: | X | Conditioned Space | | Unconditioned Space (at | tic) | |
| 7a | Water Heater: | | Electric (30 gal) | Х | Natural Gas (30 gal) | Oil | |
| | 40-50 gallon | | Elec Tank .90 EF | X | Gas Tank .58 EF | Solar Water Heating (additional Information is needed) | |
| | | | Elec Tank .95 EF | | Gas Tank .62 EF | (addinorial miorinalismo no necaca) | |
| | | | Elec Tankless | | Gas Tankless .80 EF or high | er | |
| 7b | Water Heater Type: | X | Individual units | | Central Boiler | | |
| 7c | Water Htr Location: | | Conditioned Space | X | Unconditioned Space (at | tic/garage) | |
| 8 | Stove/Range: | | Electric | Χ | Natural Gas | | |
| 9 | Energy Efficiencies: | V | lo 11 (D.00) | | 10 11 (0.00) | | |
| | Insulation: | | Ceiling (R-20) (min.) | | Ceiling (R-38) | Wall (R-13) | |
| | Levy Flevy Markey | | Ceiling (R-30) | | Ceiling (R-49) Lighting: X 100% CFL | Wall (R-19) 100% LED | |
| | Low Flow Water: | | Shower, Faucets, Toilets | | Ligiting. A 100% CIL | 100/0 LLD | |
| 10 | ☐ GeoThermal (H) | VAC | and DHW) COP Rating | g: _ | | | |
| Note | es/Comments: | | | | | | |
| | | | | | | | |
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AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | elopment Name & No | o.: | Attucks (| Cou | irt AMP 5 | 163-164 |
|-----------|---|--------|----------------------------------|-------------------|--------------------------------------|------------------------------------|
| Buile | ding: Year Built: 1940 | St | ructure Type: 🗆 Apt | |] High-Rise \square RH $old X$ S | D DH |
| | | | | | vnhouse, SD=Semi-Detached/Dup | |
| | Resident-Paid Utilities: X Electric Natural Gas Water Sewer Trash | | | | | |
| Age OR | 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) | | | | | |
| Bec | droom Sizes: 🗆 OBR/E | EFF (_ | _) 🗌 1BR () 🗌 2BR (_ | _) [| □ 3BR () □ 4BR () X 5BI | R (2) |
| 1 | Foundation Type: | X | Concrete Slab | | Pier-Beam (Crawl Space) | Basement |
| 2 | Window Type: | | Single Pane | | Double Pane Low-E | Double Pane/Vinyl |
| 3 | U-Factor: # of Stories in Unit: | SHG | | r He | at Gain Coefficient) | Building has multiple |
| 4 | | | : Siding X Brick | Stuc | cco 🗆 Other: | stories |
| F.c. | HVAC | V | Flackia | | National Care | - Others |
| 5a | Heating Fuel: | | Electric | | Natural Gas | Other: |
| 5b | Is Heating Individual | _ | | X |]Yes | No Control Poilor |
| 5c | Heating Type: Energy Efficiencies | | Electric Baseboard Heat Pump | | Forced Air Furnace/Wall unit (80 AFU | |
| | • • | | Pump Efficiency Rating | L a: SI | | orselectric ornatural gas |
| | | | Solar Panels Installed | _ | (High Efficiency) Gas Furn | ace (90 AFUE) |
| 5d | Heating Equipment L | ocat | (additional Information is neede | d) | | , , |
| ou. | ricaming Equipment E | | Conditioned Space | | Unconditioned Space (at | tic/garage) |
| 5e | Air Conditiioning: | XY | es 🗌 No 🏻 Type: 🗀 |] Wi | ndow Unit X Central | Tonage: 1.5 |
| 6 | Air Ducts: | Х | Yes | | No | |
| | If Yes, Location: | X | Conditioned Space | | Unconditioned Space (at | tic) |
| 7a | Water Heater: | | Electric (30 gal) | Х | Natural Gas (30 gal) | Oil |
| | 40-50 gallon | | Elec Tank .90 EF | Х | Gas Tank .58 EF | Solar Water Heating |
| | | | Elec Tank .95 EF | | Gas Tank .62 EF | (additional Information is needed) |
| | | | Elec Tankless | | Gas Tankless .80 EF or high | ner |
| 7b | Water Heater Type: | | Individual units | | Central Boiler | |
| 7c | Water Htr Location: | | Conditioned Space | X | Unconditioned Space (at | tic/garage) |
| 8 | Stove/Range: | | Electric | Χ | Natural Gas | |
| 9 | Energy Efficiencies: | | | | _ | |
| | Insulation: | X | 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: X 100% CFL | 100% LED |
| 10 | GeoThermal (H | VAC | and DHW) COP Rating | g: | | |
| Note | es/Comments: | | | | | |
| | | | | | | |
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AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | elopment Name & No | o.: Attu | icks Court AMP 5 | 165-166 |
|--------------------------|--|--|--|---|
| Buil | ding: Year Built: 1940 | \bigcirc Structure Type: \square | Apt □ High-Rise □ RH | X sd □ dh |
| | | | House/Townhouse, SD=Semi-Detached | d/Duplex, DH=Detached House |
| | | Electric Natura | | ☐ Trash |
| | | | etric X Natural Gas X Wat by the Agency) (Stop here if ALL \cup | |
| OR | | | | |
| Вес | droom Sizes: U OBR/I | EFF () | 2BR (2) | J 5BR () |
| 1 | Foundation Type: | X Concrete Slab | Pier-Beam (Crawl Spo | ace) Basement |
| 2 | Window Type: | Single Pane | X Double Pane Low-E (Solar Heat Gain Coefficient) | Double Pane/Vinyl |
| 3 | U-Factor: # of Stories in Unit: | | _ (Solar Heat Gain Coefficient) /O | Building has multiple |
| 4 | | dding: Siding X Brid | ck 🗆 Stucco 🗆 Other: | stories |
| | HVAC | | | |
| | 1 | X Electric | Natural Gas | Other: |
| 5b | Is Heating Individual | | Yes | <u></u> No No |
| 5c | Heating Type: | Electric Baseboa | | • |
| | | X Heat Pump | Forced Air Furnace w Rating: SEER: 14 _ HSPF: | /ductselectric ornatural gas |
| | Models | Solar Panels Insta | | |
| | | (additional Information is | | Tomace (70 Al 0L) |
| 5d | Heating Equipment L | .ocation: X Conditioned Spa | uce Unconditioned Space | e (attic/garage) |
| | | Conditioned spa | iceoricoriamoriea space | - (unic/garage) |
| _ | A C 11111 | Y vas D Na Tura | A Window Unit Y Contro | Tongge: 1.5 |
| 5e | Air Conditiioning: | X Yes \square No Typ | oe: 🗌 Window Unit 🛮 🗶 Centro | 1 Tonage: <u>1.5</u> |
| 5e 6 | Air Conditioning: | X Yes No Typ | pe: Window Unit X Centro | Tonage: <u>1.5</u> |
| _ | | | No | <u> </u> |
| 6 | Air Ducts: | X | No | <u> </u> |
| 6 | Air Ducts: If Yes, Location: | X Yes X Conditioned Spa | No uce Unconditioned Space | e (attic) Oil Solar Water Heating |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X Yes X Conditioned Spa Electric (30 gal) | No Unconditioned Space X Natural Gas (30 gal) | e (attic) |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X Yes X Conditioned Spa Electric (30 gal) Elec Tank .90 EF | No Unconditioned Space X Natural Gas (30 gal) X Gas Tank .58 EF | Oil Solar Water Heating (additional Information is needed) |
| 6 | Air Ducts: If Yes, Location: Water Heater: | X Yes X Conditioned Spa Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF | No Unconditioned Space X Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF | Oil Solar Water Heating (additional Information is needed) |
| 6 7a | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon | X Yes X Conditioned Spa Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless | No Unconditioned Space X Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or X Central Boiler | Oil Solar Water Heating (additional Information is needed) higher |
| 6 7a 7b | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: | X Yes X Conditioned Spa Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless Individual units | No Unconditioned Space X Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or X Central Boiler | Oil Solar Water Heating (additional Information is needed) higher |
| 6 7a 7b 7c | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: | X Yes X Conditioned Spa Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless Individual units Conditioned Spa | No Unconditioned Space X Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or X Central Boiler Unconditioned Space | Oil Solar Water Heating (additional Information is needed) higher |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: | X Yes X Conditioned Spa Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF Elec Tankless Individual units Conditioned Spa | No Unconditioned Space X Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or X Central Boiler X Unconditioned Space X Natural Gas | Oil Solar Water Heating (additional Information is needed) higher |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | X Yes X Conditioned Spa Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Spa Electric | No Unconditioned Space X Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or X Central Boiler X Unconditioned Space X Natural Gas | Oil Solar Water Heating (additional Information is needed) higher e (attic/garage) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | X Yes X Conditioned Spa Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Spa Electric X Ceiling (R-20) (min | No Unconditioned Space X Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or X Central Boiler X Unconditioned Space X Natural Gas Ceiling (R-38) Ceiling (R-49) | oil Solar Water Heating (additional Information is needed) higher e (attic/garage) Wall (R-13) Wall (R-19) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Yes X Conditioned Spa Electric (30 gal) Elec Tank .90 EF Elec Tank less Individual units Conditioned Spa Electric X Ceiling (R-20) (min | No Unconditioned Space X Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or X Central Boiler X Unconditioned Space X Natural Gas Lighting: X 100% CFL | oil Solar Water Heating (additional Information is needed) higher e (attic/garage) Wall (R-13) Wall (R-19) |
| 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: GeoThermal (H | X Yes X Conditioned Spa Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Spa Electric X Ceiling (R-20) (min Ceiling (R-30) Shower, Faucets, Ta | No Unconditioned Space X Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or X Central Boiler X Unconditioned Space X Natural Gas Lighting: X 100% CFL | oil Solar Water Heating (additional Information is needed) higher e (attic/garage) Wall (R-13) Wall (R-19) |
| 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Yes X Conditioned Spa Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Spa Electric X Ceiling (R-20) (min Ceiling (R-30) Shower, Faucets, Ta | No Unconditioned Space X Natural Gas (30 gal) X Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or X Central Boiler X Unconditioned Space X Natural Gas Lighting: X 100% CFL | oil Solar Water Heating (additional Information is needed) higher e (attic/garage) Wall (R-13) Wall (R-19) |

AREA HOUSING COMMISSION

Customization & Energy Efficiency Measures for Base Ekotrope Models

| Dev | elopment Name & No | o .: | Att | ruck | cs Court AMP 5 Units | 63-69 |
|-------------------------------|--|---------------|---|------------------|--|--|
| Buile | | | tructure Type: \Box Apt | |] High-Rise $old X$ RH \Box SC | |
| | | _ | | | nhouse, SD=Semi-Detached/Dupl | |
| | Resident-Paid Utilities: X Electric Natural Gas Water Sewer Trash | | | | | |
| Age OR | Agency-Paid Check-Metered Utilities: Electric X Natural Gas X Water All Utilities are Master Metered (Paid by the Agency) (Stop here if ALL utilities are Master Metered) | | | | | |
| Bec | lroom Sizes: □ OBR/E | | | | 3BR () |) |
| 1 | Foundation Type: | X | Concrete Slab | X | Pier-Beam (Crawl Space) | Basement |
| 2 | Window Type: U-Factor: | SHC | Single Pane C:(Solai | X r He(| Double Pane Low-E | Double Pane/Vinyl |
| 3 | # of Stories in Unit: | | One or 1 _ Two | | , | Building has multiple |
| 4 | | lding | g: Siding X Brick X St | tucc | co [] Other: | stories |
| 5a | HVAC Heating Fuel: | X | Electric | | Natural Gas | Other: |
| 5b | Is Heating Individual | | - | X | Yes | No No |
| | Heating Type: | | Electric Baseboard | | Forced Air Furnace/Wall unit (80 AFUE) | |
| | Energy Efficiencies | | | | Forced Air Furnace w/duct | |
| | <u> </u> | | Pump Efficiency Rating | g: SE | | |
| | | | Solar Panels Installed | 41 | (High Efficiency) Gas Furno | ace (90 AFUE) |
| 5d | Heating Equipment L | | tion: | | | |
| | | 100 | | | | |
| | | $\overline{}$ | Conditioned Space | | Unconditioned Space (atti | |
| 5e | Air Conditiioning: | $\overline{}$ | <u> </u> | | Unconditioned Space (atting and a conditioned Space (atting a conditioned Space (attin | ic/garage) Tonage: <u>1.5</u> |
| 5e 6 | Air Conditiioning: | $\overline{}$ | <u> </u> | Wir | <u> </u> | |
| | | $\overline{}$ | 'es □ No Type: □ | Wir | ndow Unit X Central | Tonage: <u>1.5</u> |
| 6 | Air Ducts: | $\overline{}$ | 'es □ No Type: □ | Wir X | ndow Unit X Central | Tonage: <u>1.5</u> |
| 6 | Air Ducts: If Yes, Location: | $\overline{}$ | 'es No Type: C Yes Conditioned Space | X X | ndow Unit X Central No Unconditioned Space (atti | Tonage: |
| 6 | Air Ducts: If Yes, Location: Water Heater: | $\overline{}$ | Yes No Type: Conditioned Space Electric (30 gal) | X X | ndow Unit X Central No Unconditioned Space (atti Natural Gas (30 gal) | Tonage: |
| 6 | Air Ducts: If Yes, Location: Water Heater: | $\overline{}$ | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF | X X | No Unconditioned Space (atti Natural Gas (30 gal) Gas Tank .58 EF | Tonage: |
| 6 | Air Ducts: If Yes, Location: Water Heater: | XY | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tank .95 EF | X X | ndow Unit X Central No Unconditioned Space (atti Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF | Tonage: |
| 6 7a | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon | XY | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless | X X | ndow Unit X Central No Unconditioned Space (atti Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or higher | Tonage: |
| 6 7a 7b | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: | XY | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units | X X X | ndow Unit X Central No Unconditioned Space (atti Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or higher Central Boiler | Tonage: |
| 6 7a 7b 7c | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | XY | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric | X X X | ndow Unit X Central No Unconditioned Space (atti Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or highe Central Boiler Unconditioned Space (atti Natural Gas | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: | XY | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) | X X X | No Unconditioned Space (atti Natural Gas (30 gal) Gas Tank .58 EF Gas Tankless .80 EF or higher Central Boiler Unconditioned Space (atti Natural Gas Ceiling (R-38) | Tonage:1.5 ic) Oil Solar Water Heating (additional Information is needed) er ic/garage) Wall (R-13) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: | XY | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) | X X X | ndow Unit X Central No Unconditioned Space (atti Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or highe Central Boiler Unconditioned Space (atti Natural Gas Ceiling (R-38) Ceiling (R-49) | Tonage: |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: | XY | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) | X X X | No Unconditioned Space (atti Natural Gas (30 gal) Gas Tank .58 EF Gas Tankless .80 EF or higher Central Boiler Unconditioned Space (atti Natural Gas Ceiling (R-38) | Tonage:1.5 ic) Oil Solar Water Heating (additional Information is needed) er ic/garage) Wall (R-13) |
| 6 7a 7b 7c 8 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Y | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) | X X X X | ndow Unit X Central No Unconditioned Space (atti Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or highe Central Boiler Unconditioned Space (atti Natural Gas Ceiling (R-38) Ceiling (R-49) | Tonage: |
| 6 7a 7b 7c 8 9 | Air Ducts: If Yes, Location: Water Heater: 40-50 gallon Water Heater Type: Water Htr Location: Stove/Range: Energy Efficiencies: Insulation: Low Flow Water: | X Y | Yes Conditioned Space Electric (30 gal) Elec Tank .90 EF Elec Tankless Individual units Conditioned Space Electric Ceiling (R-20) (min.) Ceiling (R-30) Shower, Faucets, Toilets | X X X X | ndow Unit X Central No Unconditioned Space (atti Natural Gas (30 gal) Gas Tank .58 EF Gas Tank .62 EF Gas Tankless .80 EF or highe Central Boiler Unconditioned Space (atti Natural Gas Ceiling (R-38) Ceiling (R-49) | Tonage: |

DEVELOPMENT REPORTS

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

Moreno Ct_SD_1BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL

Inspection Status Results are projected



| Annual End-Use Cost Heating Cooling Vater Heating Lights & Appliances Onsite Generation Service Charges Total Annual End-Use Consumption Heating [Electric kWh] Hot Water [Natural Gas Therms] Lights & Appliances [Natural Gas Therms] Lights & Appliances [Electric kWh] Total [Natural Gas Therms] Total [Electric kWh] Total Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW Utility Rates | |
|--|--------------------------|
| Reating Cooling Vater Heating Lights & Appliances Consite Generation Service Charges Cotal Annual End-Use Consumption Reating [Electric kWh] Hot Water [Natural Gas Therms] Lights & Appliances [Natural Gas Therms] Lights & Appliances [Electric kWh] Lotal [Natural Gas Therms] Lotal [Lectric kWh] Lotal Consite Generation [Electric kWh] Lotal Consite Generation [Electric kWh] Lotal Consumption Leak Winter kW Leak Summer kW | \$323 |
| Cooling Vater Heating Lights & Appliances Onsite Generation Service Charges Total Annual End-Use Consumption Heating [Electric kWh] Hot Water [Natural Gas Therms] Lights & Appliances [Natural Gas Therms] Lights & Appliances [Electric kWh] Lights & Electric Consumption Peak Electric Consumption Peak Summer kW | |
| Vater Heating ights & Appliances Onsite Generation Service Charges Total Annual End-Use Consumption Heating [Electric kWh] Hot Water [Natural Gas Therms] ights & Appliances [Natural Gas Therms] ights & Appliances [Electric kWh] Total [Natural Gas Therms] Total [Electric kWh] Total Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | \$29 |
| ights & Appliances Onsite Generation Service Charges Total Annual End-Use Consumption Heating [Electric kWh] Hot Water [Natural Gas Therms] Lights & Appliances [Natural Gas Therms] Lights & Appliances [Electric kWh] Lotal [Natural Gas Therms] Lotal [Electric kWh] Lotal Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | \$0 |
| Onsite Generation Service Charges Total Annual End-Use Consumption Heating [Electric kWh] Hot Water [Natural Gas Therms] Lights & Appliances [Natural Gas Therms] Lights & Appliances [Electric kWh] Total [Natural Gas Therms] Total [Electric kWh] Total Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | \$0 |
| Annual End-Use Consumption Heating [Electric kWh] Hot Water [Natural Gas Therms] Lights & Appliances [Natural Gas Therms] Lights & Appliances [Electric kWh] Total [Natural Gas Therms] Lotal [Electric kWh] Lotal Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | \$230 |
| Annual End-Use Consumption Heating [Electric kWh] Hot Water [Natural Gas Therms] Lights & Appliances [Natural Gas Therms] Lights & Appliances [Electric kWh] Lotal [Natural Gas Therms] Lotal [Electric kWh] Lotal Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | -\$0 |
| Annual End-Use Consumption Heating [Electric kWh] Hot Water [Natural Gas Therms] Lights & Appliances [Natural Gas Therms] Lights & Appliances [Electric kWh] Lights & Appliances [Electric kWh] Lights & Appliances [Electric kWh] Lights & Electric kWh] L | \$64 |
| Heating [Electric kWh] Hot Water [Natural Gas Therms] Lights & Appliances [Natural Gas Therms] Lights & Appliances [Electric kWh] Lotal [Natural Gas Therms] Lotal [Electric kWh] Lotal Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | \$323 |
| Hot Water [Natural Gas Therms] ights & Appliances [Natural Gas Therms] ights & Appliances [Electric kWh] fotal [Natural Gas Therms] fotal [Electric kWh] fotal Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | |
| ights & Appliances [Natural Gas Therms] ights & Appliances [Electric kWh] fotal [Natural Gas Therms] fotal [Electric kWh] fotal Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | 356.3 |
| ights & Appliances [Electric kWh] Total [Natural Gas Therms] Total [Electric kWh] Total Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | 98.1 |
| Total [Natural Gas Therms] Total [Electric kWh] Total Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | 25.3 |
| Total [Electric kWh] Total Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | 2,767.2 |
| Total Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | 123.4 |
| Peak Electric Consumption Peak Winter kW Peak Summer kW | 3,123.5 |
| Peak Winter kW Peak Summer kW | 0.0 |
| Peak Summer kW | |
| | 0.67 |
| Jtility Rates | 0.49 |
| | |
| Electricity | fault Electric Provider0 |

Property

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

Moreno Ct_SD_1BR

Organization

Fox Energy Specialists
James Rodriguez

Builder

Area Housing Commission, FL **Inspection Status**Results are projected



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 |

| 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 |

PropertyArea Housing Commission, FL Pensalcola, FL 32502 Model: SD_2BR

Moreno Ct_SD_2BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL

Inspection Status Results are projected



| 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 |

Property

Area Housing Commission, FL Pensalcola, FL 32502 Model: SD 2BR

Moreno Ct_SD_2BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL Inspection Status Results are projected



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 |

| 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 |

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

Moreno Ct_SD_3BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL

Inspection Status Results are projected



| Annual Energy Cost | |
|--|----------------------------|
| Electric | \$434 |
| 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 |

Property

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

Moreno Ct_SD_3BR

Organization

Fox Energy Specialists
James Rodriguez

Builder

Area Housing Commission, FL Inspection Status Results are projected



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 |

| 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 |

PropertyArea Housing Commission, FL Pensalcola, FL 32502 Model: SD_2BR

J Street_SD_2BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL

Inspection Status Results are projected



| 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 |

Property

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

J Street_SD_2BR

Organization

Fox Energy Specialists
James Rodriguez

Builder

Area Housing Commission, FL Inspection Status Results are projected



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 |

| 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 |

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

J Street_SD_3BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL

Inspection Status Results are projected



| Annual Energy Cost | |
|--|----------------------------|
| Electric | \$434 |
| 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 |

Property

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

J Street_SD_3BR

Organization

Fox Energy Specialists
James Rodriguez

Builder

Area Housing Commission, FL Inspection Status
Results are projected



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 |

| 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 |

PropertyArea Housing Commission, FL
Pensacola, FL 32502 Model: SD 4BR

J Street_SD_4BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL

Inspection Status Results are projected



| Annual Energy Cost | |
|--|----------------------------|
| Electric | \$482 |
| 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 |

Property

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

J Street_SD_4BR

Organization

Fox Energy Specialists
James Rodriguez

Builder

Area Housing Commission, FL Inspection Status Results are projected



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 |

| 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 |

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

Belmont & R Street_SD_1BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL

Inspection Status Results are projected



| Annual Energy Cost | |
|--|----------------------------|
| Electric | \$480 |
| 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 |

Property

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

Belmont & R Street_SD_1BR

Organization

Fox Energy Specialists
James Rodriguez

Builder

Area Housing Commission, FL **Inspection Status**Results are projected



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 |

| 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 |

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

Gonzalez Ct_SD_1BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL

Inspection Status Results are projected



| Annual End-Use Cost Heating Cooling Vater Heating Lights & Appliances Onsite Generation Service Charges Total Annual End-Use Consumption Heating [Electric kWh] Hot Water [Natural Gas Therms] Lights & Appliances [Natural Gas Therms] Lights & Appliances [Electric kWh] Total [Natural Gas Therms] Total [Electric kWh] Total Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW Utility Rates | |
|--|--------------------------|
| Reating Cooling Vater Heating Lights & Appliances Consite Generation Service Charges Cotal Annual End-Use Consumption Reating [Electric kWh] Hot Water [Natural Gas Therms] Lights & Appliances [Natural Gas Therms] Lights & Appliances [Electric kWh] Lotal [Natural Gas Therms] Lotal [Lectric kWh] Lotal Consite Generation [Electric kWh] Lotal Consite Generation [Electric kWh] Lotal Consumption Leak Winter kW Leak Summer kW | \$323 |
| Cooling Vater Heating Lights & Appliances Onsite Generation Service Charges Total Annual End-Use Consumption Heating [Electric kWh] Hot Water [Natural Gas Therms] Lights & Appliances [Natural Gas Therms] Lights & Appliances [Electric kWh] Lights & Electric Consumption Peak Electric Consumption Peak Summer kW | |
| Vater Heating ights & Appliances Onsite Generation Service Charges Total Annual End-Use Consumption Heating [Electric kWh] Hot Water [Natural Gas Therms] ights & Appliances [Natural Gas Therms] ights & Appliances [Electric kWh] Total [Natural Gas Therms] Total [Electric kWh] Total Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | \$29 |
| ights & Appliances Onsite Generation Service Charges Total Annual End-Use Consumption Heating [Electric kWh] Hot Water [Natural Gas Therms] Lights & Appliances [Natural Gas Therms] Lights & Appliances [Electric kWh] Lotal [Natural Gas Therms] Lotal [Electric kWh] Lotal Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | \$0 |
| Onsite Generation Service Charges Total Annual End-Use Consumption Heating [Electric kWh] Hot Water [Natural Gas Therms] Lights & Appliances [Natural Gas Therms] Lights & Appliances [Electric kWh] Total [Natural Gas Therms] Total [Electric kWh] Total Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | \$0 |
| Annual End-Use Consumption Heating [Electric kWh] Hot Water [Natural Gas Therms] Lights & Appliances [Natural Gas Therms] Lights & Appliances [Electric kWh] Total [Natural Gas Therms] Lotal [Electric kWh] Lotal Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | \$230 |
| Annual End-Use Consumption Heating [Electric kWh] Hot Water [Natural Gas Therms] Lights & Appliances [Natural Gas Therms] Lights & Appliances [Electric kWh] Lotal [Natural Gas Therms] Lotal [Electric kWh] Lotal Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | -\$0 |
| Annual End-Use Consumption Heating [Electric kWh] Hot Water [Natural Gas Therms] Lights & Appliances [Natural Gas Therms] Lights & Appliances [Electric kWh] Lights & Appliances [Electric kWh] Lights & Appliances [Electric kWh] Lights & Electric kWh] L | \$64 |
| Heating [Electric kWh] Hot Water [Natural Gas Therms] Lights & Appliances [Natural Gas Therms] Lights & Appliances [Electric kWh] Lotal [Natural Gas Therms] Lotal [Electric kWh] Lotal Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | \$323 |
| Hot Water [Natural Gas Therms] ights & Appliances [Natural Gas Therms] ights & Appliances [Electric kWh] fotal [Natural Gas Therms] fotal [Electric kWh] fotal Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | |
| ights & Appliances [Natural Gas Therms] ights & Appliances [Electric kWh] fotal [Natural Gas Therms] fotal [Electric kWh] fotal Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | 356.3 |
| ights & Appliances [Electric kWh] Total [Natural Gas Therms] Total [Electric kWh] Total Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | 98.1 |
| Total [Natural Gas Therms] Total [Electric kWh] Total Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | 25.3 |
| Total [Electric kWh] Total Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | 2,767.2 |
| Total Onsite Generation [Electric kWh] Peak Electric Consumption Peak Winter kW Peak Summer kW | 123.4 |
| Peak Electric Consumption Peak Winter kW Peak Summer kW | 3,123.5 |
| Peak Winter kW Peak Summer kW | 0.0 |
| Peak Summer kW | |
| | 0.67 |
| Jtility Rates | 0.49 |
| | |
| Electricity | fault Electric Provider0 |

Property

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

Gonzalez Ct_SD_1BR

Organization

Fox Energy Specialists
James Rodriguez

Builder

Area Housing Commission, FL **Inspection Status**Results are projected



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 |

| 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 |

PropertyArea Housing Commission, FL Pensalcola, FL 32502 Model: SD 2BR

Gonzalez Ct_SD_2BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL

Inspection Status Results are projected



| 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 |

Property

Area Housing Commission, FL Pensalcola, FL 32502 Model: SD 2BR

Gonzalez Ct_SD_2BR

Organization

Fox Energy Specialists
James Rodriguez

Builder

Area Housing Commission, FL **Inspection Status**Results are projected



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 |

| 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 |

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

Gonzalez Ct_SD_3BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL

Inspection Status Results are projected



| Annual Energy Cost | |
|--|----------------------------|
| Electric | \$434 |
| 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 |

Property

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

Gonzalez Ct_SD_3BR

Organization

Fox Energy Specialists
James Rodriguez

Builder

Area Housing Commission, FL Inspection Status Results are projected



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 |

| 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 |

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

Hayne Street_APT_2BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Authority, FL

Inspection Status Results are projected



| Annual Energy Cos |
|-------------------|
|-------------------|

| Electric | \$551 |
|--|---------------------------|
| 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 |

Property

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

Hayne Street_APT_2BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Authority,

Inspection StatusResults are projected



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 |

| 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 |

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

Hayne Street_APT_3BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Authority, FL

Inspection Status Results are projected



| Electric | \$681 |
|--|---------------------------|
| 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 |

Property

Area Housing Commission, FL Pensacola, FL 32502 Model: APT 3BR

Hayne Street_APT_3BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Authority,

Inspection Status
Results are projected



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 |

| 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 |

PropertyArea Housing Commission, FL
Pensacola, FL 32502 Model: APT 4BR

Hayne Street_APT_4BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Authority, FL

Inspection Status Results are projected



| Floatric | ¢760 |
|--|---------------------------|
| Electric | \$760 |
| 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 |

Property

Area Housing Commission, FL Pensacola, FL 32502 Model: APT 4BR

Hayne Street_APT_4BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Authority,



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 |

Inspection Status

Results are projected

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 |

| 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 |

PropertyArea Housing Commission, FL
Pensacola, FL 32502 Model: SD 1BR

6th Avenue_SD_1BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission,

Inspection Status Results are projected



| Electric | \$480 |
|--|----------------------------|
| 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 |

Property

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

6th Avenue_SD_1BR

Organization

Fox Energy Specialists
James Rodriguez

Builder

Area Housing Commission, FL Inspection Status Results are projected



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 |

| 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 |

PropertyArea Housing Commission, FL Pensalcola, FL 32502 Model: SD_2BR

8th Avenue_SD_2BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL

Inspection Status Results are projected



Annual Energy Cost

| Annual Energy Cost | |
|--|----------------------------|
| Electric | \$566 |
| 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 |

Property

Area Housing Commission, FL Pensalcola, FL 32502 Model: SD 2BR

8th Avenue_SD_2BR

Organization

Fox Energy Specialists
James Rodriguez

Builder

Area Housing Commission, FL Inspection Status Results are projected



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 |

| 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 |

Property

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

Camelia Ct_SD_1BR_All Electric Camelia Ct_SD_1BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL

Inspection StatusResults are projected



Annual Energy Cost

| Annual Energy Cost | |
|--|----------------------------|
| Electric | \$480 |
| 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 |

Property

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

Camelia Ct_SD_1BR_All Electric Camelia Ct_SD_1BR

Organization

Fox Energy Specialists
James Rodriguez

Builder

Area Housing Commission, FL Inspection Status Results are projected



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 |

| 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 |

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

Camelia Ct_SD_1BR_Gas Stove

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL

Inspection Status Results are projected



Annual Energy Cost

| Electric Electric | \$450 |
|--|----------------------------|
| Libertie | Ψ100 |
| 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 |

Property

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

Camelia Ct_SD_1BR_Gas Stove

Organization

Fox Energy Specialists
James Rodriguez

Builder

Area Housing Commission, FL Inspection Status Results are projected



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 |

| 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 |

PropertyArea Housing Commission, FL Pensacola, FL 32502 Model: HR 2BR

Attucks Ct_HR_2BR

Organization

Fox Energy Specialists James Rodriguez

Inspection Status Results are projected



Builder

Area Housing Authority, FL

| Annual | Energy | Cost |
|--------|--------|------|
|--------|--------|------|

| Electric | \$379 |
|--|---------------------------|
| 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 |
| _ights & 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 |

Property

Area Housing Commission, FL Pensacola, FL 32502 Model: HR_2BR

Attucks Ct HR 2BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Authority,



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 |

Inspection Status

Results are projected

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 | Ō |
| Range/Oven | 2.8 | 0 |
| Total | 2.8 | 0 |

| 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 |

Property Area Housing Commission, FL Pensacola, FL 32502 Model: HR_3BR

Electricity

Attucks Ct_HR_3BR

Organization

Fox Energy Specialists James Rodriguez

Inspection Status Results are projected



Default Electric Provider

Builder

Area Housing Authority, FL

| Electric | \$504 |
|--|---------|
| 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 | |

Property

Area Housing Commission, FL Pensacola, FL 32502 Model: HR_3BR

Attucks Ct_HR_3BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Authority,

Inspection Status Results are projected



| ANN | UAL | SUM | IMARY |
|-----|-----|-----|-------|

| 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 |

| 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 |

Property

Area Housing Commission, FL Pensacola, FL 32502

Attucks Ct_RH_1BR

Organization

Fox Energy Specialists James Rodriguez Inspection Status Results are projected



Builder

Area Housing Commission, FL

| Annual | Energy | Cost |
|--------|--------|------|
|--------|--------|------|

| Natural Gas | \$154 |
|--|---------------------------|
| Electric | \$33 |
| 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 |

Property

Area Housing Commission, FL Pensacola, FL 32502

Attucks Ct_RH_1BR

Organization

Fox Energy Specialists James Rodriguez **Inspection Status**Results are projected



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 |

| 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 |

Property

Area Housing Commission, FL Pensacola, FL 32502 Model: RH_2BR

Annual Energy Cost

Attucks Ct_RH_2BR

Organization

Fox Energy Specialists James Rodriguez Inspection Status Results are projected



0.89

0.58

Builde

Area Housing Commission, FL

| 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 |
| | |

Utility Rates

Peak Winter kW

Peak Summer kW

Peak Electric Consumption

| Electricity | Default Electric Provider |
|-------------|---------------------------|
| Natural Gas | Default Gas Provider |

Property

Area Housing Commission, FL Pensacola, FL 32502

Model: RH 2BR

Attucks Ct_RH_2BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL Inspection Status

Results are projected



| A | N | N | U | A | | S | U | N | I | M | Δ | R١ | Y |
|---|---|----|---|---|------|----------|---|-----|---|-------|---|----|---|
| | | 14 | | | bere | \smile | U | B W | | W 1 / | - | | |

| 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 |

| 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 |

Property

Area Housing Commission, FL Pensacola, FL 32502

Attucks Ct_RH_1BR

Boiler WH

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL

Inspection Status Results are projected



| Annual Energy Co | Annuai | Energy | Cost |
|------------------|--------|--------|------|
|------------------|--------|--------|------|

| 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 |

Property

Area Housing Commission, FL Pensacola, FL 32502

Attucks Ct_RH_1BR

Organization

Fox Energy Specialists James Rodriguez Inspection Status
Results are projected



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 |

| 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 |

Property

Area Housing Commission, FL Pensacola, FL 32502

Model: RH_2BR

Attucks Ct_RH_2BR

BoilerWA

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission,

Inspection Status Results are projected



Default Gas Provider

| Annual | Energy | Cost |
|---------|---------|------|
| Alliadi | LIICIGV | 0001 |

Natural Gas

| 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 |
| PRO N 1970-228 | |

Property

Area Housing Commission, FL Pensacola, FL 32502 Model: RH 2BR

Attucks Ct_RH_2BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL Inspection Status
Results are projected



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 |

| 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 |

Property

Area Housing Commission, FL Pensacola, FL 32502

Natural Gas

Model: RH 3BR

Attucks Ct_RH_3BR Boiler WH Organization

Fox Energy Specialists James Rodriguez

Builder Area Housing Commission, FL

Inspection Status Results are projected



Default Gas Provider

Annual Energy Cost

| Annual Energy Cost | |
|--|---------------------------|
| Natural Gas | \$14 |
| Electric | \$430 |
| Annual End-Use Cost | |
| Heating | \$49 |
| Cooling | \$(|
| 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 |

Property

Area Housing Commission, FL Pensacola, FL 32502 Model: RH_3BR

Attucks Ct_RH_3BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL Inspection Status Results are projected



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 |

| 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 |

Property

Area Housing Commission, FL Pensacola, FL 32502 Model: RH_2BR

Attucks Ct_RH_2BR_Boiler H&WH

Natural Gas

Organization

Fox Energy Specialists James Rodriguez Inspection Status Results are projected



Default Gas Provider

Builder

Area Housing Commission, FL

| Annua | Energy | Cost |
|-------|--------|------|
|-------|--------|------|

| Natural Gas | \$165 |
|--|---------------------------|
| Electric | \$34 |
| 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 |

Property

Area Housing Commission, FL Pensacola, FL 32502 Model: RH 2BR

Attucks Ct RH 2BR Boiler H&WH

Organization

Fox Energy Specialists James Rodriguez

Builder

Commission, FL

Inspection Status Results are projected



Area Housing

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 |

| 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 |

Property

Area Housing Commission, FL Pensacola, FL 32502 Model: RH_3BR

Attucks Ct_RH_3BR_Boiler H&WH Attucks Ct_RH_3BR_boiler H&WH

Natural Gas

Organization

Fox Energy Specialists James Rodriguez Inspection Status Results are projected



Default Gas Provider

Builder

Area Housing Commission, FL

| Annual | Energy | Cost |
|---------------------|--------|------|
| 7 11 11 1 1 1 1 1 1 | | 0000 |

| Natural Gas | \$178 |
|---|---------------------------|
| Electric | \$38 |
| 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 |
| ights & Appliances [Natural Gas Therms] | 30.7 |
| ights & Appliances [Electric kWh] | 3,883.3 |
| 「otal [Natural Gas Therms] | 157.∪ |
| 「otal [Electric kWh] | 3,886.5 |
| otal Onsite Generation [Electric kWh] | 0.0 |
| Peak Electric Consumption | |
| Peak Winter kW | 0.38 |
| Peak Summer kW | 0.68 |
| Jtility Rates | |
| Electricity | Default Electric Provider |
| | |

Property

Area Housing Commission, FL Pensacola, FL 32502 Model: RH 3BR

Attucks Ct_RH_3BR_Boiler H&WH Attucks Ct_RH_3BR_boiler H&WH

Organization

Fox Energy Specialists James Rodriguez

Area Housing Commission, FL



Builder

| 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 |

Inspection Status

Results are projected

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 |

| 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 |

Property

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

viouei: 5D_2BK

Attucks Ct_SD_2BR

Organization

Fox Energy Specialists James Rodriguez Inspection Status Results are projected



Builder

Area Housing Commission,

| Annual | Energy | Cost |
|--------|--------|------|
|--------|--------|------|

| Electric | \$381 |
|--|----------------------------|
| 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.C |
| 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 |

Property

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

Attucks Ct_SD_2BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL Inspection Status
Results are projected



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 |

| 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 |

Property

Area Housing Commission, FL Pensacola, FL 32502 Model: SD 3BR

Attucks Ct_SD_3BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL

Inspection Status Results are projected



Annual Energy Cost

| Annual Energy Cost | |
|--|----------------------------|
| Electric | \$454 |
| 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 |

Property

Area Housing Commission, FL Pensacola, FL 32502 Model: SD 3BR

Attucks Ct_SD_3BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL Inspection Status Results are projected



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 |

| 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 |

PropertyArea Housing Commission, FL
Pensacola, FL 32502 Model: SD_5BR

Attucks Ct_SD_5BR

Organization

Fox Energy Specialists James Rodriguez

Builder

Area Housing Commission, FL

Inspection Status Results are projected



Annual Energy Cost

| Annual Energy Cost | |
|--|----------------------------|
| Electric | \$536 |
| 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 |

Property

Area Housing Commission, FL Pensacola, FL 32502 Model: SD_5BR

Attucks Ct_SD_5BR

Organization

Fox Energy Specialists
James Rodriguez

Builder

Area Housing Commission, FL Inspection Status Results are projected



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 |

| Consumption [kWh/Year] | Annual Cost [\$] |
|------------------------|--|
| 363.1 | 30 |
| 36.1 | 3 |
| 529.0 | 44 |
| 962.5 | 80 |
| 129.4 | 11 |
| 0.0 | 0 |
| 459.9 | 38 |
| 758.0 | 63 |
| 1,201.2 | 99 |
| 4,439.2 | 367 |
| | 363.1 36.1 529.0 962.5 129.4 0.0 459.9 758.0 1,201.2 |

INTRODUCTION TO EKOTROPE SOFTWARE PROGRAM

INTRODUCTION TO EKOTROPETM SOFTWARE PROGRAM

1. EkotropeTM 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 checkmeters 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 checkmeters 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 ofhereby 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 SURCHAGES (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."