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## **SECTION I - METHODOLOGY**

The utility allowance calculations indicated herein are based on the following criteria:

### **PUBLIC HOUSING**

- **Baseline consumption for electricity and natural gas calculated using HUD Form 52667 (07/2022)**
- **Consumption for heating adjusted based on NOAA normal weather data for the City of Lubbock (see below)**
- **Allowances for electricity in "Mary Meyers Expansion" and "Park Meadows II" include heating, water heating, water heating, refrigeration, lighting and cooking**
- **Allowances for electricity in "Mary Meyers", Behner Place, 36 South and 96 West include refrigeration, lighting and miscellaneous appliances**
- **Allowances for natural gas in "Mary Meyers", Behner Place, 36 South and 96 West include heating, water heating and cooking**
- **Allowances for water in "Mary Meyers", "Mary Meyers Expansion", and Behner Place calculated using 35 gallons per day per occupant (see below)**
- **All consumption adjusted to be representative of conservative system/household operation**
- **Lubbock Power & Light residential electric rate**
- **Atmos Energy West Texas Division residential natural gas rate**
- **City of Lubbock residential water and sewer rates**

### **HCV PROGRAM**

- **Baseline consumption for electricity and natural gas calculated using HUD Form 52667 (07/2022)**
- **Consumption for cooling and heating adjusted based on NOAA normal weather data for the City of Lubbock (see below)**
- **Allowances for water calculated using 35 gallons per day per occupant (see below)**
- **All consumption adjusted to be representative of conservative system/household operation**
- **Lubbock Power & Light residential electric rate**
- **Atmos Energy West Texas Division residential natural gas rate**
- **West Texas Gas residential rate for propane**
- **City of Lubbock residential water, sewer and trash collection rates**
- **Multi-Family is defined as duplex, apartment, townhouse, rowhouse**

### **Occupancies Used:**

- **0 Bedroom - 1**
- **1 Bedroom - 2**
- **2 Bedroom - 4**
- **3 Bedroom - 6**
- **4 Bedroom - 8**
- **5 Bedroom - 10**

### **Heating/Cooling Multipliers**

**Heating - 3380 HDD/4000 HDD = .845 (approximately 5 months annually)**

**Cooling - 1804 CDD/1000 CDD = 1.8 (approximately 5 months annually)**

**SECTION II – UTILITY RATE DATA**

**Electric**

**\$1.18/kWh**

**\$8.07 Customer Charge (rounded to \$8.00)**

**Natural Gas**

**\$0.963/Ccf**

**\$15.00 monthly customer charge**

**Note: Customer charges for LPL and Atmos Energy are included in the allowances for Public Housing and shown in Line Item "Other" on the HCV allowance schedules as "CC - 15/8".**

**Propane**

**\$2.65/gallon**

**Water**

**Base - \$18.50**

**Volume Block 1 - \$4.03/1000 gallons 1000 - 5000**

**Volume Block 2 - \$6.97/1000 gallons 6000 - 10,000**

**Sewer**

**Base - \$16.55**

**Volume - \$3.71/1000 gallons all consumption**

**Trash**

**\$17.00**

**SECTION IV**  
**ALLOWANCE SCHEDULES**  
**HCV PROGRAM**

**EFFECTIVE DATE**  
January 1, 2022

**SCHEDULE A - SINGLE FAMILY HOMES 0 - 5 BEDROOM**

**SCHEDULE B - MOBILE/MANUFACTURED HOMES 0 - 5 BEDROOM**

**SCHEDULE C - MULTI-FAMILY 0 - 5 BEDROOM**

**Note: "Range/Microwave" and "Refrigerator" line items on the schedules are allowances for rental of these appliances if necessary.**

The following allowances are used to determine the total cost of tenant-furnished utilities and appliances.

Locality/PHA		Unit Type					Date (mm/dd/yyyy)	
<b>LUBBOCK, TEXAS</b>		<b>SCHEDULE A - SF HOMES</b>					<b>1-1-2022</b>	
Utility or Service	Fuel Type	0 BR	1 BR	2 BR	3 BR	4 BR	5 BR	
Heating	Natural Gas	8	11	14	17	19	22	
	Bottled Gas	21	27	34	42	50	58	
	Electric	17	19	24	30	35	41	
	Electric – Heat Pump	12	14	17	21	25	29	
	Fuel Oil							
	Other							
Cooking	Natural Gas	1	2	3	4	5	6	
	Bottled Gas	1	1	3	3	4	5	
	Electric	1	2	4	5	6	7	
	Other							
Other Electric		12	15	18	21	27	35	
Air Conditioning		12	18	21	27	32	38	
Water Heating	Natural Gas	5	7	9	11	13	15	
	Bottled Gas	11	13	19	24	29	34	
	Electric	10	14	17	21	25	30	
	Fuel Oil							
Water		19	23	31	42	56	69	
Sewer		20	24	31	39	46	54	
Trash Collection		17	17	17	17	17	17	
Other – specify		CC-15/8	CC-15/8	CC-15/8	CC-15/8	CC-15/8	CC-15/8	
Range/Microwave		10	10	10	10	10	10	
Refrigerator		10	10	10	10	10	10	
<b>Actual Family Allowances – May be used by the family to compute allowance while searching for a unit.</b>						Utility/Service/Appliance	Allowance	
Head of Household Name						Heating		
						Cooking		
Unit Address						Other Electric		
						Air Conditioning		
						Water Heating		
Number of Bedrooms						Water		
						Sewer		
						Trash Collection		
						Other		
						Range/Microwave		
						Refrigerator		
						Total		

The following allowances are used to determine the total cost of tenant-furnished utilities and appliances.

Locality/PHA		Unit Type					Date (mm/dd/yyyy)	
<b>LUBBOCK, TEXAS</b>		<b>SCHEDULE B - MOB HOMES</b>					<b>1-1-2022</b>	
Utility or Service	Fuel Type	0 BR	1 BR	2 BR	3 BR	4 BR	5 BR	
Heating	Natural Gas	9	13	16	19	22	25	
	Bottled Gas	24	32	40	48	58	66	
	Electric	19	22	27	34	41	47	
	Electric – Heat Pump	13	15	19	24	28	33	
	Fuel Oil							
	Other							
Cooking	Natural Gas	1	2	3	4	5	6	
	Bottled Gas	1	1	3	3	4	5	
	Electric	1	2	4	5	6	7	
	Other							
Other Electric		12	15	18	21	27	35	
Air Conditioning		15	21	25	31	37	44	
Water Heating	Natural Gas	5	7	9	11	13	15	
	Bottled Gas	11	13	19	24	29	34	
	Electric	10	14	17	21	25	30	
	Fuel Oil							
Water		19	23	31	42	56	69	
Sewer		20	24	31	39	46	54	
Trash Collection		17	17	17	17	17	17	
Other – specify		CC-15/8	CC-15/8	CC-15/8	CC-15/8	CC-15/8	CC-15/8	
Range/Microwave		10	10	10	10	10	10	
Refrigerator		10	10	10	10	10	10	
<b>Actual Family Allowances – May be used by the family to compute allowance while searching for a unit.</b>					Utility/Service/Appliance		Allowance	
Head of Household Name					Heating			
					Cooking			
Unit Address					Other Electric			
					Air Conditioning			
					Water Heating			
					Water			
Number of Bedrooms					Sewer			
					Trash Collection			
					Other			
					Range/Microwave			
					Refrigerator			
					Total			

The following allowances are used to determine the total cost of tenant-furnished utilities and appliances.

Locality/PHA		Unit Type					Date (mm/dd/yyyy)
LUBBOCK, TEXAS		SCHEDULE C - MULTI-FAMILY					1-1-2022
Utility or Service	Fuel Type	0 BR	1 BR	2 BR	3 BR	4 BR	5 BR
Heating	Natural Gas	6	9	12	14	16	18
	Bottled Gas	16	21	29	37	42	50
	Electric	14	16	20	25	30	35
	Electric – Heat Pump	9	11	14	18	21	25
	Fuel Oil						
	Other						
Cooking	Natural Gas	1	2	3	4	5	6
	Bottled Gas	1	1	3	3	4	5
	Electric	1	2	4	5	6	7
	Other						
Other Electric		12	15	18	21	27	35
Air Conditioning		10	15	18	23	28	33
Water Heating	Natural Gas	5	7	9	11	13	15
	Bottled Gas	11	13	19	24	29	34
	Electric	10	14	17	21	25	30
	Fuel Oil						
Water		19	23	31	42	56	69
Sewer		20	24	31	39	46	54
Trash Collection		17	17	17	17	17	17
Other – specify		CC-15/8	CC-15/8	CC-15/8	CC-15/8	CC-15/8	CC-15/8
Range/Microwave		10	10	10	10	10	10
Refrigerator		10	10	10	10	10	10
Actual Family Allowances – May be used by the family to compute allowance while searching for a unit.					Utility/Service/Appliance		Allowance
Head of Household Name					Heating		
					Cooking		
Unit Address					Other Electric		
					Air Conditioning		
Number of Bedrooms					Water Heating		
					Water		
					Sewer		
					Trash Collection		
					Other		
					Range/Microwave		
					Refrigerator		
					Total		



**SECTION V - CALCULATION WORK SHEETS**

PHAs must maintain a completed HUD Form-52667 Utility Allowance Schedule for each unit type that is typical in the PHA's jurisdiction. The utility allowance schedule is based on the typical cost of utilities and services paid by energy-conservation households that occupy housing of similar size and type in the same locality. In developing the schedule, the PHA must use normal patterns of consumption for the community as a whole and current utility rates.

This form includes the utilities that the PHA must consider: heating (space), cooking, other electric (e.g. lights, appliances, general usage), air conditioning (if the majority of housing units in the market provide centrally air-conditioned units or there is appropriate wiring for tenant-installed air conditioners), water heating, water, sewer, trash, the cost to provide a range, and the cost to provide a refrigerator. This form includes several fuel types, however, the PHA is not required to have a utility allowance for every fuel type listed on the form. The PHA is only required to have an allowance for the fuel types that are typical in the PHA's jurisdiction.

Electric resistance vs. electric heat pump: The most recent update to the HUD-52667 includes "Electric Heat Pump" as a fuel type under "Heating". PHAs may choose to provide an allowance on the schedule for electric (resistance), electric heat pump, or both. Heat pumps are more efficient and are associated with lower consumption. By adding this to the form, HUD is not requiring PHAs to consider both. This is up to the PHA, however, the HUD Utility Schedule Model tool available on HUDUser.gov provides an allowance for both electric resistance and electric heat pump.

Determining Allowances: In general, PHAs use local sources of information on the cost of utilities and services, such as:

1. Electric utility suppliers
2. Natural gas utility suppliers
3. Water and sewer suppliers
4. Fuel oil and bottled gas suppliers
5. Public service commissions
6. Real estate and property management firms
7. State and local agencies
8. Appliance sales and leasing firms

PHAs may use the HUD Utility Schedule Model (HUSM) available on HUDuser.org to determine their Utility Allowance Schedules. The tool uses geographic-specific utility consumption rates combined with user entered data on utility rates to determine the overall monthly allowance.

The public reporting burden for this information collection is estimated to be up to 0.25 hours, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. The Department of Housing and Urban Development (HUD) is authorized to collect the information on this form by Section 8 of the U.S. Housing Act (42 U.S.C. 1437f). Form is only valid if it includes an OMB Control Number.

**Privacy Act Statement:** The Department of Housing and Urban Development (HUD) is authorized to collect the information required on this form by Section 8 of the U.S. Housing Act of 1937 (42 U.S.C. 1437f). Collection of family members' names and unit address, and owner's name and payment address is mandatory. The information is used to provide Section 8 tenant-based assistance under the Housing Choice Voucher program in the form of housing assistance payments. The information also specifies what utilities and appliances are to be supplied by the owner, and what utilities and appliances are to be supplied to the tenant. HUD may disclose this information to Federal, State, and local agencies when relevant to civil, criminal, or regulatory investigations and prosecutions. It will not be otherwise disclosed or released outside of HUD, except as permitted or required by law. Failure to provide any of the information may result in delay or rejection of family or owner participation in the program.

# BASE CONSUMPTION DATA - HUD FORM 52667

## DWELLING UNIT MULTIPLIERS

### Size of Unit Factor

- 0-BR 0.5
- 1-BR 0.7
- 2-BR 0.9
- 3-BR 1.1
- 4-BR 1.4
- 5-BR 1.6

Consumptions are for housing insulated for the heating system installed. Normally a building designed for electric space heating is better insulated than one designed for gas or oil space heating equipment. Climatic conditions assumed to be 4,000 heating degree days and 0° F outside design temperature. Consumption must be adjusted for the normal heating degree days and the outside design temperature in the given geographic area. Consumption estimated for 1,000 degree days cooling. Actual consumption will depend on many variables.

**Note:** The consumption amounts listed above are inexact averages and must be used with caution when establishing allowances for actual projects.

## MONTHLY CONSUMPTION

Based on 2 1/2-BR

### I. Electricity

- a. Lighting and Refrigeration - KWH 250-400
- b. Cooking KWH - 110
- c. Domestic Hot Water - KWH 340
- d. Space Heating - KWH 680
- e. Air Conditioning - KWH 180

### II. Natural Gas And Bottle Gas

- a. Cooking Therms - 8
- b. Domestic Hot Water Therms - 21
- c. Space Heating Therms - 48

### III. Fuel Oil

- a. Domestic Hot Water Gals - 17
- b. Space Heating Gals - 40

The data indicated above is used to determine monthly consumption allowances based on conservative household operation ("Household of Modest Means"). Calculations for heating and cooling are based on the total annual consumption and then divided by 12 to determine the monthly amount (see below).

**Sample Calculation:**

$$\frac{(400 \text{ kWh/month}) (5 \text{ heating months})}{12 \text{ months}} = 165 \text{ kWh month for allowance purposes}$$

UTILITY ALLOWANCE WORKSHEET

LOCATION Abilene, Texas

UNIT TYPE S.F. Homes

DATE 10/11/2021

0 BEDROOM  
HEATING

NAT GAS 000F  
BOTTLED GAS 0 GAL  
ELECTRIC 100 kWh  
HEAT PUMP 100 kWh  
FUEL OIL  
OTHER

COOKING

NAT GAS 100F  
BOTTLED GAS 150 GAL  
ELECTRIC 10 kWh  
OTHER  
OTHER ELECTRIC 100 kWh  
AIR CONDITIONING 100 kWh

WATER HEATING

NAT GAS 500F  
BOTTLED GAS 400 GAL  
ELECTRIC 50 kWh  
OTHER  
WATER/SEWER 10500 GAL

2 BEDROOM  
HEATING

NAT GAS 1500F  
BOTTLED GAS 130 GAL  
ELECTRIC 200 kWh  
HEAT PUMP 100 kWh  
FUEL OIL  
OTHER

COOKING

NAT GAS 300F  
BOTTLED GAS 100 GAL  
ELECTRIC 30 kWh  
OTHER  
OTHER ELECTRIC 150 kWh  
AIR CONDITIONING 175 kWh

WATER HEATING

NAT GAS 900F  
BOTTLED GAS 700 GAL  
ELECTRIC 100 kWh  
OTHER  
WATER/SEWER 4200 GAL

4 BEDROOM  
HEATING

NAT GAS 2000F  
BOTTLED GAS 190 GAL  
ELECTRIC 300 kWh  
HEAT PUMP 210 kWh  
FUEL OIL  
OTHER

COOKING

NAT GAS 500F  
BOTTLED GAS 1.5 GAL  
ELECTRIC 50 kWh  
OTHER  
OTHER ELECTRIC 200 kWh  
AIR CONDITIONING 275 kWh

WATER HEATING

NAT GAS 1000F  
BOTTLED GAS 1100 GAL  
ELECTRIC 210 kWh  
OTHER  
WATER/SEWER 8900 GAL

1 BEDROOM  
HEATING

NAT GAS 1100F  
BOTTLED GAS 100 GAL  
ELECTRIC 100 kWh  
HEAT PUMP 115 kWh  
FUEL OIL  
OTHER

COOKING

NAT GAS 200F  
BOTTLED GAS 500 GAL  
ELECTRIC 20 kWh  
OTHER  
OTHER ELECTRIC 125 kWh  
AIR CONDITIONING 150 kWh

WATER HEATING

NAT GAS 700F  
BOTTLED GAS 500 GAL  
ELECTRIC 115 kWh  
OTHER  
WATER/SEWER 2100 GAL

3 BEDROOM  
HEATING

NAT GAS 1800F  
BOTTLED GAS 100 GAL  
ELECTRIC 250 kWh  
HEAT PUMP 175 kWh  
FUEL OIL  
OTHER

COOKING

NAT GAS 400F  
BOTTLED GAS 100 GAL  
ELECTRIC 40 kWh  
OTHER  
OTHER ELECTRIC 160 kWh  
AIR CONDITIONING 225 kWh

WATER HEATING

NAT GAS 1100F  
BOTTLED GAS 900 GAL  
ELECTRIC 175 kWh  
OTHER  
WATER/SEWER 6300 GAL

5 BEDROOM  
HEATING

NAT GAS 2700F  
BOTTLED GAS 22 GAL  
ELECTRIC 350 kWh  
HEAT PUMP 245 kWh  
FUEL OIL  
OTHER

COOKING

NAT GAS 600F  
BOTTLED GAS 200 GAL  
ELECTRIC 60 kWh  
OTHER  
OTHER ELECTRIC 300 kWh  
AIR CONDITIONING 325 kWh

WATER HEATING

NAT GAS 1000F  
BOTTLED GAS 1300 GAL  
ELECTRIC 250 kWh  
OTHER  
WATER/SEWER 10100 GAL

**UTILITY ALLOWANCE WORKSHEET**

LOCATION LOGAN, TEXAS

UNIT TYPE MOB. HOMES

DATE 10/1/2021

**0 BEDROOM  
HEATING**

NAT GAS *967*  
BOTTLED GAS *967*  
ELECTRIC *160 kWh*  
HEAT PUMP *110 kWh*  
FUEL OIL  
OTHER

**COOKING**

NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER  
OTHER ELECTRIC  
AIR CONDITIONING *125 kWh*

**WATER HEATING**

NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER  
WATER/SEWER

**2 BEDROOM  
HEATING**

NAT GAS *1767*  
BOTTLED GAS *1567*  
ELECTRIC *220 kWh*  
HEAT PUMP *160 kWh*  
FUEL OIL  
OTHER

**COOKING**

NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER  
OTHER ELECTRIC  
AIR CONDITIONING *210 kWh*

**WATER HEATING**

NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER  
WATER/SEWER

**4 BEDROOM  
HEATING**

NAT GAS *2767*  
BOTTLED GAS *2667*  
ELECTRIC *345 kWh*  
HEAT PUMP *240 kWh*  
FUEL OIL  
OTHER

**COOKING**

NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER  
OTHER ELECTRIC  
AIR CONDITIONING *315 kWh*

**WATER HEATING**

NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER  
WATER/SEWER

**1 BEDROOM  
HEATING**

NAT GAS *1367*  
BOTTLED GAS *1267*  
ELECTRIC *155 kWh*  
HEAT PUMP *130 kWh*  
FUEL OIL  
OTHER

**COOKING**

NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER  
OTHER ELECTRIC  
AIR CONDITIONING *175 kWh*

**WATER HEATING**

NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER  
WATER/SEWER

**3 BEDROOM  
HEATING**

NAT GAS *2067*  
BOTTLED GAS *1867*  
ELECTRIC *290 kWh*  
HEAT PUMP *205 kWh*  
FUEL OIL  
OTHER

**COOKING**

NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER  
OTHER ELECTRIC  
AIR CONDITIONING *260 kWh*

**WATER HEATING**

NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER  
WATER/SEWER

**5 BEDROOM  
HEATING**

NAT GAS *2667*  
BOTTLED GAS *2567*  
ELECTRIC *420 kWh*  
HEAT PUMP *280 kWh*  
FUEL OIL  
OTHER

**COOKING**

NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER  
OTHER ELECTRIC  
AIR CONDITIONING *395 kWh*

**WATER HEATING**

NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER  
WATER/SEWER

UTILITY ALLOWANCE WORKSHEET

LOCATION Lubbock, Texas

UNIT TYPE Multifamily

DATE 10/1/2021

0 BEDROOM

HEATING

NAT GAS 1000  
BOTTLED GAS 1000  
ELECTRIC 120 kWh  
HEAT PUMP 80 kWh  
FUEL OIL  
OTHER

COOKING

NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER

WATER HEATING

AIR CONDITIONING 85 kWh  
NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER  
WATER/SEWER

2 BEDROOM

HEATING

NAT GAS 1200  
BOTTLED GAS 1000  
ELECTRIC 120 kWh  
HEAT PUMP 120 kWh  
FUEL OIL  
OTHER

COOKING

NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER

WATER HEATING

AIR CONDITIONING 150 kWh  
NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER  
WATER/SEWER

4 BEDROOM

HEATING

NAT GAS 1700  
BOTTLED GAS 1000  
ELECTRIC 255 kWh  
HEAT PUMP 180 kWh  
FUEL OIL  
OTHER

COOKING

NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER

WATER HEATING

AIR CONDITIONING 200 kWh  
NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER  
WATER/SEWER

1 BEDROOM

HEATING

NAT GAS 900  
BOTTLED GAS 800  
ELECTRIC 135 kWh  
HEAT PUMP 95 kWh  
FUEL OIL  
OTHER

COOKING

NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER

WATER HEATING

AIR CONDITIONING 130 kWh  
NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER  
WATER/SEWER

3 BEDROOM

HEATING

NAT GAS 1500  
BOTTLED GAS 1000  
ELECTRIC 215 kWh  
HEAT PUMP 150 kWh  
FUEL OIL  
OTHER

COOKING

NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER

WATER HEATING

AIR CONDITIONING 195 kWh  
NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER  
WATER/SEWER

5 BEDROOM

HEATING

NAT GAS 1900  
BOTTLED GAS 1000  
ELECTRIC 200 kWh  
HEAT PUMP 210 kWh  
FUEL OIL  
OTHER

COOKING

NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER

WATER HEATING

AIR CONDITIONING 280 kWh  
NAT GAS  
BOTTLED GAS  
ELECTRIC  
OTHER  
WATER/SEWER