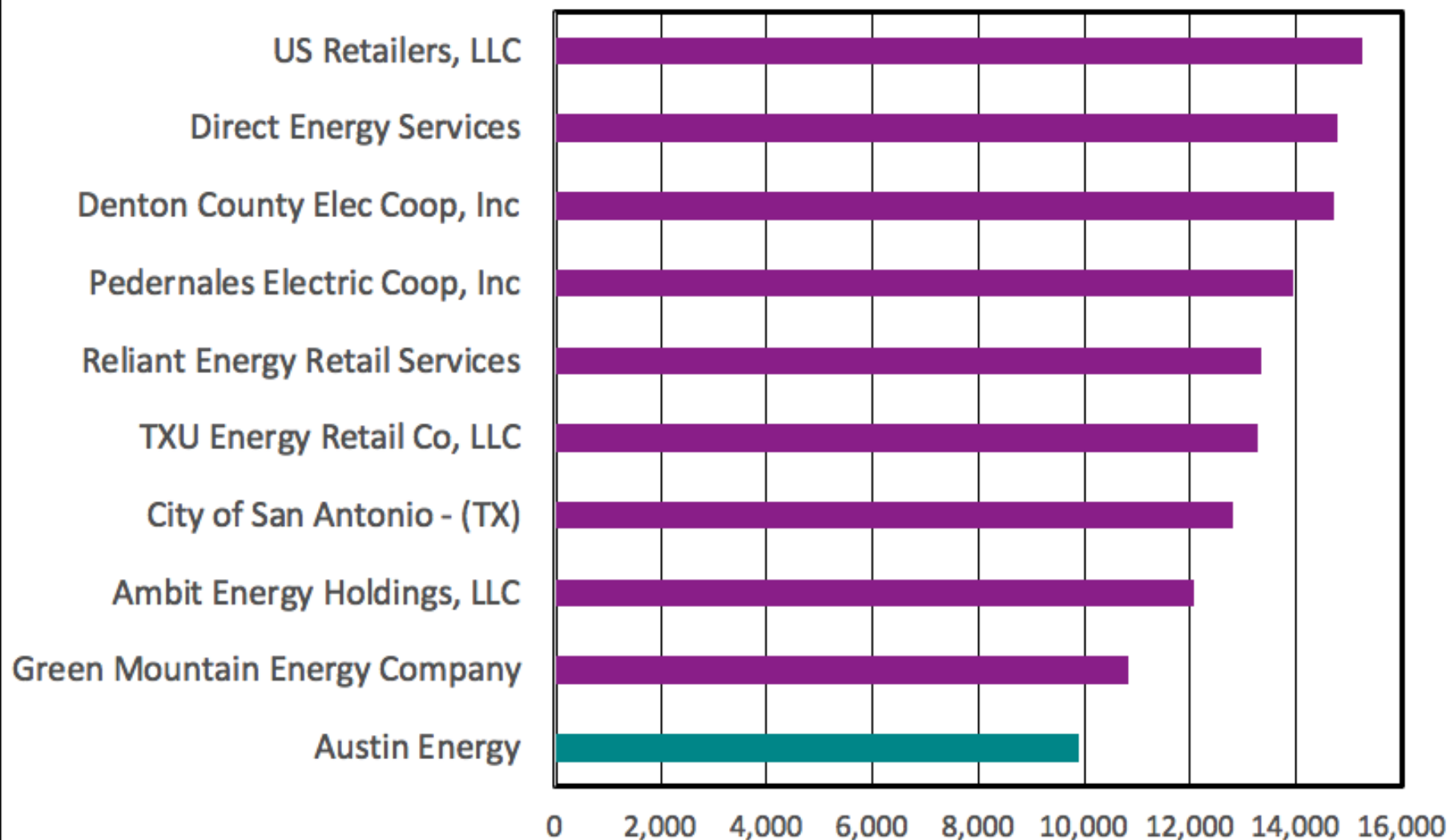


Austin City Council

**Don't Turn Back 45 Years of
Progress**

**Paul Robbins
November 9, 2022**

AVERAGE KWH PER RESIDENTIAL CUSTOMER IN 2021 FOR TOP 10 ERCOT UTILITIES (EIA 861)



**IF AUSTIN USED THE ERCOT AVERAGE,
EACH RESIDENTIAL CUSTOMER WOULD
PAY ABOUT:**

\$119 in extra fuel costs

\$41 in extra regulatory costs

**BETWEEN 2007 AND 2021, AUSTIN
ENERGY SAVED 940 MEGAWATTS OF
PEAK DEMAND, EQUAL TO:**

\$1.2 Billion (\$2023)

REASONS FOR AUSTIN'S LOW CONSUMPTION

Austin's Energy Building Code ≈ 1977

Austin's Progressive Rate Structure ≈ 1981

Austin's Energy Efficiency Programs ≈ 1982

Austin's Energy Star ≈ 1985, succeeded by
Green Building Program ≈ 1991

REASONS FOR AUSTIN'S LOW CONSUMPTION

Austin's Energy Building Code ≈ 1977

~~Austin's Progressive Rate Structure ≈ 1981~~

Austin's Energy Efficiency Programs ≈ 1982

Austin's Energy Star ≈ 1985, succeeded by
and Green Building Program ≈ 1991

Table 10-A: Residential Fixed Charges

Utility	Amount
	<i>\$ / month</i>
Pedernales Coop	22.50
Bluebonnet Coop	22.50
City of Georgetown	24.80
Austin Energy - Proposed	25.00
Austin Energy - Current	10.00

**Monthly Customer Charge of
Large Texas Municipal Utilities**

Austin Energy Current	\$10.00
Brownsville PUB	\$6.94
Bryan Texas Utilities	\$11.00
College Station	\$7.00
Denton Municipal Electric	\$8.67
Garland Power & Light	\$5.34
Greenville Electric	\$11.25
Lubbock	\$8.07
New Braunfels Utilities	\$15.51
San Antonio CPS Energy	\$9.10
<u>Seguin</u>	<u>\$14.50</u>
Average	\$9.76
Austin Energy Proposed	\$25.00

Table 7-A: Residential Base Rates

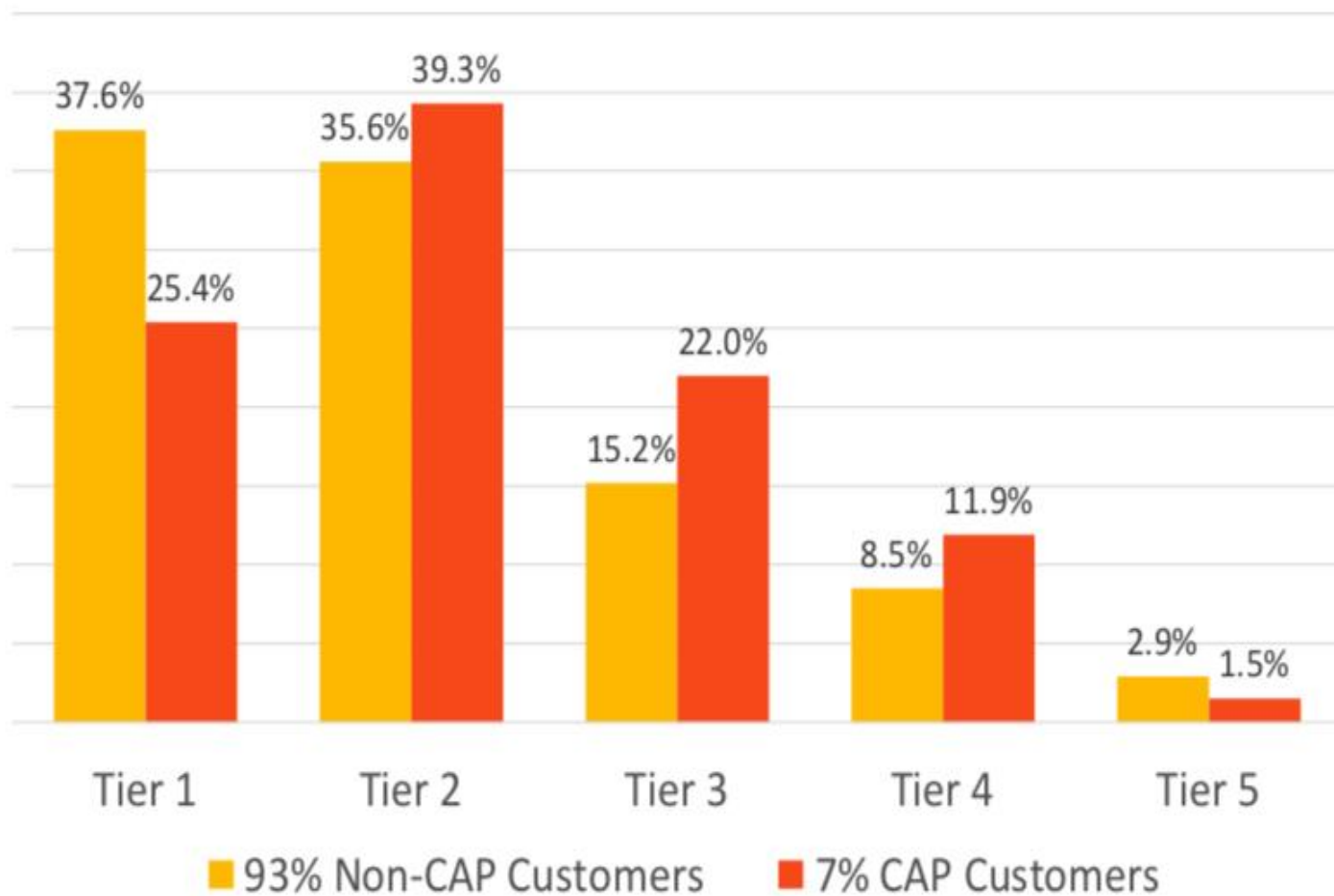
Current Rates			Proposed Rates	
	Inside City Limits	Outside City Limits		All Customers
Basic Charges (\$/month)			Basic Charges (\$/month)	
Customer	10.00	10.00	Customer	25.00
Energy Charges (\$/kWh)			Energy Charges (\$/kWh)	
0 – 500 kWh	0.02801	0.03700	0 – 300 kWh	0.03756
501 – 1,000 kWh	0.05382	0.05600	301 – 1,200 kWh	0.04256
1,001 – 1,500 kWh	0.07814	0.07868	Over 1,201 kWh	0.04756
1,501 – 25,00 kWh	0.09314	0.07868		
Over 2,500 kWh	0.10814	0.07868		

Annual Effect of Austin Energy's New Regressive Rates

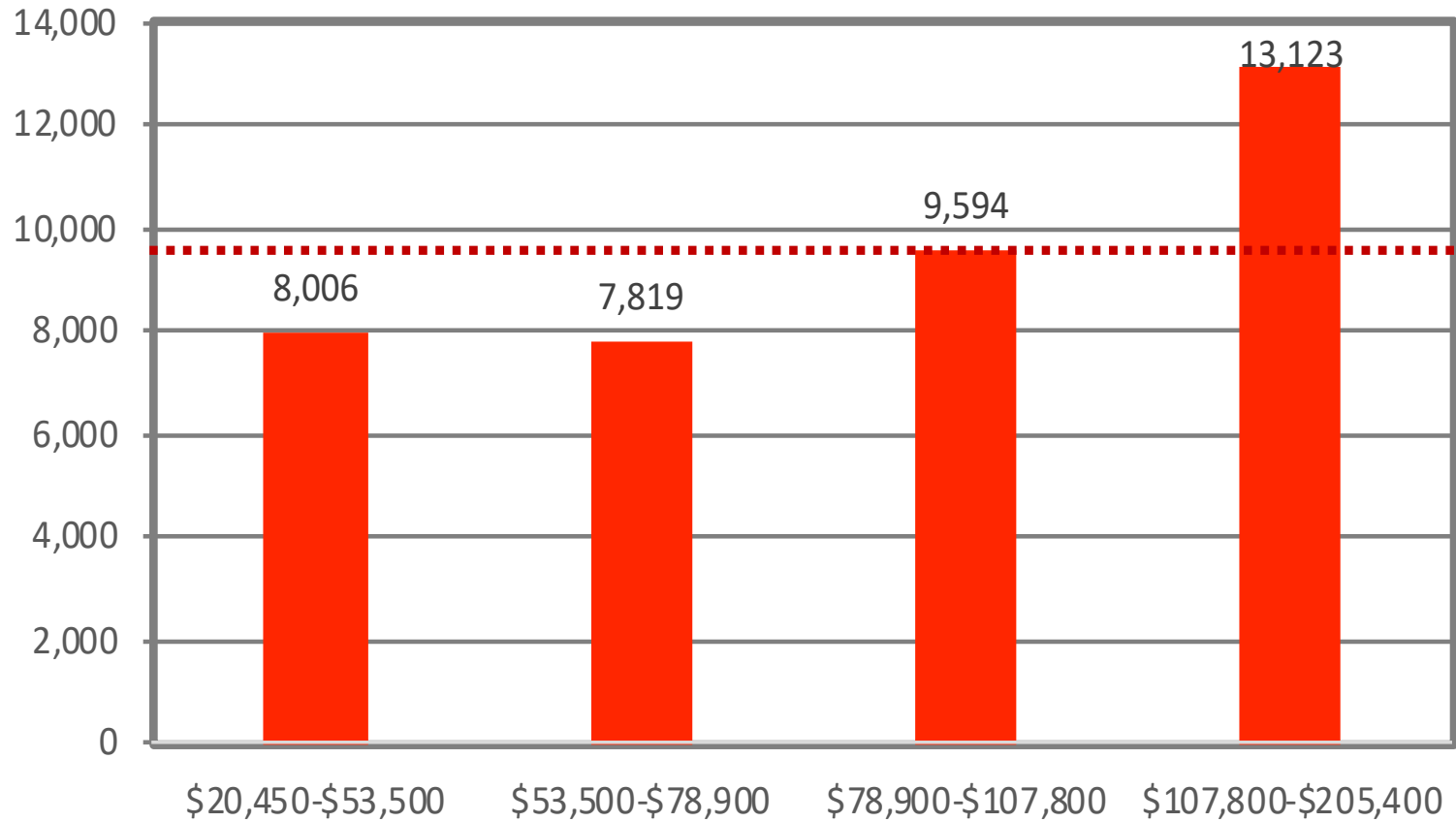
	New Rate	Percent
501 - 750 (kWh)	+\$170	+24%
751 - 1000 (kWh)	+\$136	+13%
2501 - 3000 (kWh)	-\$556	-13%

Vulnerable Customers Overrepresented in Higher Tiers

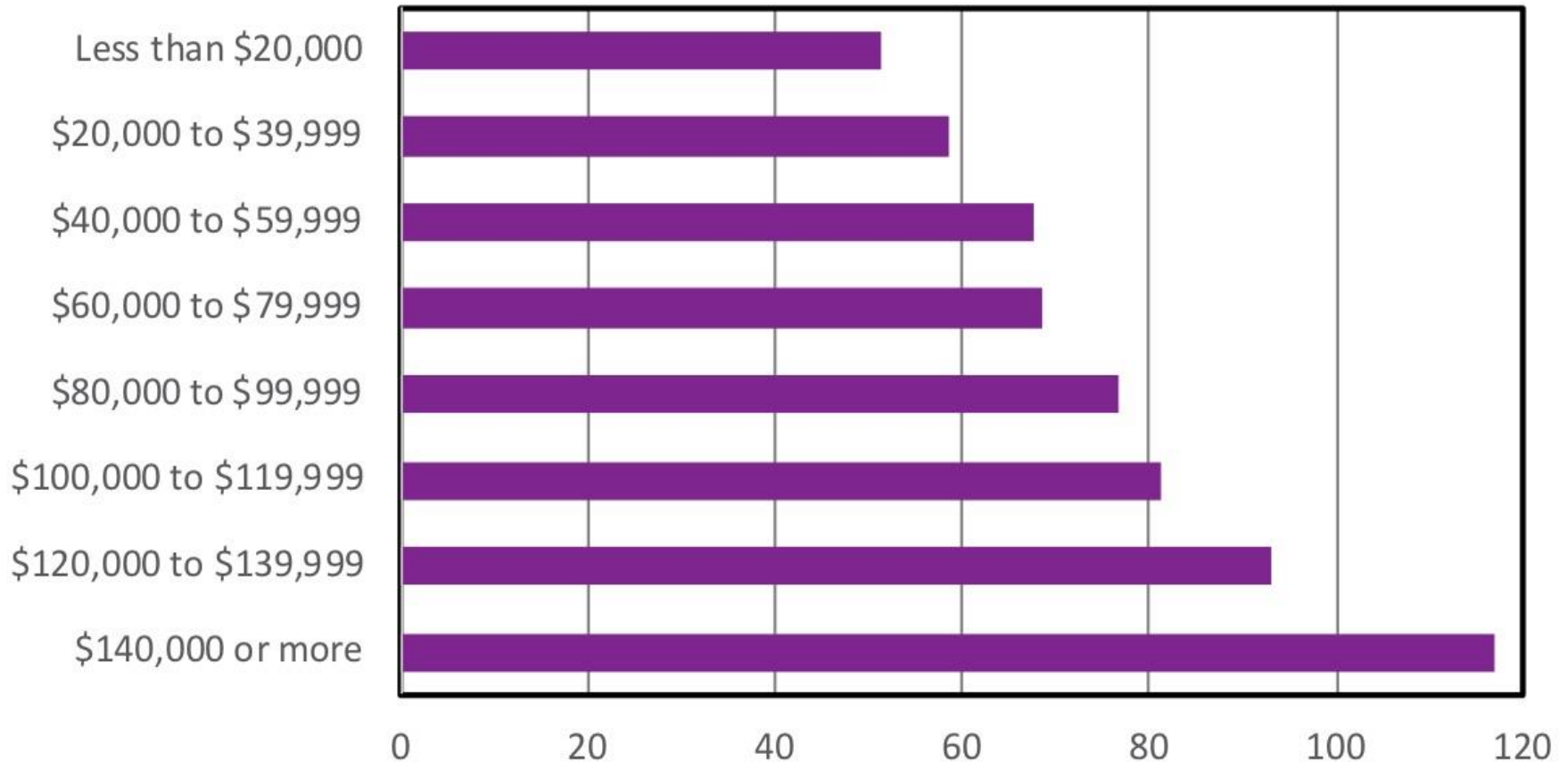
Austin Energy provides bill payment assistance through the Customer Assistance Program (CAP)



Austin Energy Residential Electric Use By Income Quartile in KWH (2020)



Energy Use By Income Level – Southern U.S. Thousand BTUs/Household – EIA RECS 2015



Bottom Line:

Austin Energy's proposed new rate structure punishes energy conservation and disproportionately raises bills for low-income customers.

Don't let them turn back 45 years of progress.

Thanks for Your Attention

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Austin Energy 2022 Base Rate Review

Lower Income does not Always Translate to Lower Consumption: Unintended Consequences

78701 (Downtown)

- \$448k (median housing value)
- \$122k (household median income)
- 0.2% (CAP)
- 78% (Bachelor or higher)
- 1.6 (household size)
- \$3.4m (revenue)
- \$66 (average bill)
- 18.4% Single Family
- 26.3% Built post-December 2014

78724 (Northeast)

- \$147k (median housing value)
- \$50k (household median income)
- 21.9% (CAP)
- 15% (Bachelor or higher)
- 3.7 (household size)
- \$10.7m (revenue)
- \$102 (average bill)
- 74.4% Single Family
- 19.4% Built post-December 2014



2020 Monthly kWh Consumption Boxplot

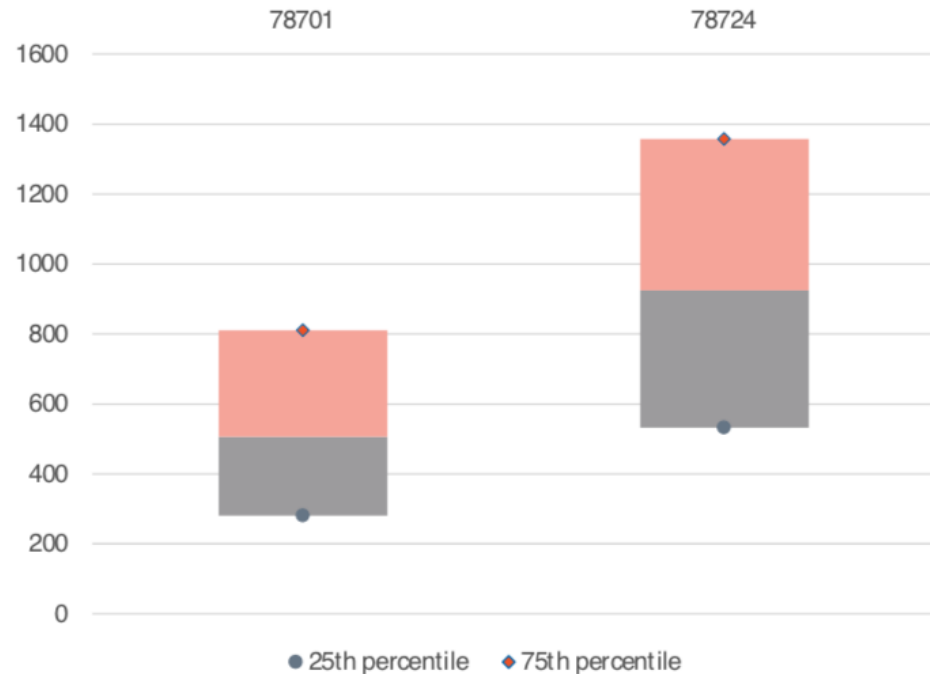


Figure 7-30: Comparison of Income-Related Demographics, Census Data, Zip Codes 78701 and 78724
Austin Energy Base Rate Review 2022, page 108, published April 18, 2022

WHAT THEY FORGOT TO TELL YOU

Only 3,945 Residential Customers in 78701

Over 3,000 Units Downtown Condos Served
By District Cooling

These Residential Customers are Not Directly
Consuming AC – Their Buildings Are

And No, 18% of Downtown Residences are
not Single Family – It is about 1%



Crescent Station District Chilling Plant