

# ANNUAL IMPACT OF THE ESSEX CARBON TAX - PROFILE #2

## Franklin County Household

Name: **The Browns**  
Ages: **36, 34, 7 and 4**  
Occupations: **Parking Officer, Pre-K Teacher**  
Household: **4 People**  
Annual Income: **\$68,400**  
Time Calling Vermont Home: **Entire Lives**  
Budget for purchasing energy-efficient heating or electric vehicle: **None**



**Net Impact = Carbon Tax Total - Rebates**

# 2019: **-\$22** / 2026: **-\$176**

## The Browns' Taxes:

Carbon Tax Total: (2019: **\$49** / 2026: **\$393**)

Gasoline Tax: (2019: **\$48** / 2026: **\$384**)

Heating Tax: (2019: **\$1** / 2026: **\$9**)

Gal. Gas per: (Month: 100 / Year: 1200)

Gal. Diesel per: (Month: 0 / Year: 0)

Gal. Heating Oil per: (Month: 0 / Year: 0)

Gal. Propane per: (Month: 0 / Year: 0)

CCF Natural Gas per: (Month: 8 / Year: 39)

Tax per Gal. Gasoline: (2019: **\$0.04** / 2026: **\$0.32**)

Tax per Gal. Diesel: (2019: **\$0.05** / 2026: **\$0.40**)

Tax per Gal. Heating Oil: (2019: **\$0.05** / 2026: **\$0.40**)

Tax per Gal. Propane: (2019: **\$0.03** / 2026: **\$0.24**)

Tax per CCF Natural Gas: (2019: **\$0.03** / 2026: **\$0.24**)

## The Browns' Rebates:

Earns Back on 3 Rebates After Administrative Costs: (2019: **\$27** / 2026: **\$217**)

Rebate 1 (Low-Income) After Administrative Costs: (2019: **\$13** / 2026: **\$106**)

Rebate 2 (Electricity) After Administrative Costs: (2019: **\$14** / 2026: **\$111**)

Rebate 3 (Rural) After Administrative Costs: (2019: **\$0** / 2026: **\$0**)

kWh of Electricity per: (Month: 534 / Year: 6402)

NOTES: The proposed ESSEX Carbon Tax is a program that would tax fossil fuel use and use the revenue (after administrative costs) to subsidize electric rates and provide rebates to low income and rural Vermonters. The Ethan Allen Institute surveyed over 60 Vermont households in compiling this series of profiles. Where data from a single household was complete, the profile represents a real person or family, though the names and images have been changed to protect anonymity. Where one survey did not provide complete information, compilations based on multiple survey respondents were used to create an accurate representation of a Vermont household. The above profile uses ~95% real survey data with ~5% generated data. The numbers may not sum due to rounding.

There are discrepancies between the proposal made to the legislature and the actual legislation crafted from the proposal. Where such discrepancies exist, we used the legislative language in calculating these results. Rebates assume administrative costs based on World Bank estimates of governmental redistribution efficiency for a revenue-neutral carbon tax program.