



ENERGY AUDIT

Lyons Valley Village **UNIT A** (2 BR, Lower Level)

UNIT A will be **40%** more efficient than similar sized homes built to the 2004 International Energy Conservation Code*.



CARBON DIOXIDE EMISSIONS PER YEAR¹

Reference Home = 20,379 lbs of CO₂

Lyons Valley Village Unit A = 11,655 lbs of CO₂

Reduction in carbon footprint = **8,724 lbs of CO₂ (43%)**



UTILITY SAVINGS PER YEAR²

Reference Home = \$985

Lyons Valley Village Unit A = \$664

Estimated utility bill savings = **\$321 (33%)**



EMISSIONS EQUIVALENT TO VEHICLE MILES DRIVEN PER YEAR³

Reference Home = 22,289 equivalent miles driven

Lyons Valley Village Unit A = 12,748 equivalent miles driven

Equivalent reduction in miles driven = **9,541 miles.(43%)**



EMISSIONS TRANSLATION TO PLANTING TREES⁴

The difference in carbon dioxide emissions that Unit A in Lyons Valley village would achieve over the reference home would be the equivalent to planting **336 trees** a year.

*The Town of Lyons has not adopted an energy code.

¹ Emissions: REM/Rate, Lightly Treading Inc. - ² Utility Savings: REM/Rate, Lightly Treading Inc.

³ Miles: Monthly Energy Review, February 2001, Energy Information Administration

⁴ Trees: <http://www.nrdc.org/onearth/05win/livgreen2.asp>



ENERGY AUDIT

Lyons Valley Village **UNIT B** (2 BR, Upper Level)

UNIT B will be **29%** more efficient than similar sized homes built to the 2004 International Energy Conservation Code*.



CARBON DIOXIDE EMISSIONS PER YEAR¹

Reference Home = 17,160 lbs of CO₂

Lyons Valley Village Unit B = 12,057 lbs of CO₂

Reduction in carbon footprint = **5,103 lbs of CO₂ (30%)**



UTILITY SAVINGS PER YEAR²

Reference Home = \$928

Lyons Valley Village Unit B = \$684

Estimated utility bill savings = **\$244 (26%)**



EMISSIONS EQUIVALENT TO VEHICLE MILES DRIVEN PER YEAR³

Reference Home = 18,768 equivalent miles driven

Lyons Valley Village Unit B = 13,187 equivalent miles driven

Equivalent reduction in miles driven = **5,581 miles.(30%)**



EMISSIONS TRANSLATION TO PLANTING TREES⁴

The difference in carbon dioxide emissions that Unit B in Lyons Valley village would achieve over the reference home would be the equivalent to planting **196 trees** a year.

*The Town of Lyons has not adopted an energy code.

¹ Emissions: REM/Rate, Lightly Treading Inc. - ² Utility Savings: REM/Rate, Lightly Treading Inc.

³ Miles: Monthly Energy Review, February 2001, Energy Information Administration

⁴ Trees: <http://www.nrdc.org/onearth/05win/livgreen2.asp>



ENERGY AUDIT

Lyons Valley Village **UNIT C** (3 BR, 2-story)

UNIT C will be **30%** more efficient than similar sized homes built to the 2004 International Energy Conservation Code*.



CARBON DIOXIDE EMISSIONS PER YEAR¹

Reference Home = 23,949 lbs of CO₂

Lyons Valley Village Unit C = 16,474 lbs of CO₂

Reduction in carbon footprint = **7,475 lbs of CO₂ (31%)**



UTILITY SAVINGS PER YEAR²

Reference Home = \$1,208

Lyons Valley Village Unit C = \$859

Estimated utility bill savings = **\$349 (29%)**



EMISSIONS EQUIVALENT TO VEHICLE MILES DRIVEN PER YEAR³

Reference Home = 26,194 equivalent miles driven

Lyons Valley Village Unit C = 18,018 equivalent miles driven

Equivalent reduction in miles driven = **8,176 miles.(31%)**



EMISSIONS TRANSLATION TO PLANTING TREES⁴

The difference in carbon dioxide emissions that Unit C in Lyons Valley village would achieve over the reference home would be the equivalent to planting **288 trees** a year.

*The Town of Lyons has not adopted an energy code.

¹ Emissions: REM/Rate, Lightly Treading Inc. - ² Utility Savings: REM/Rate, Lightly Treading Inc.

³ Miles: Monthly Energy Review, February 2001, Energy Information Administration

⁴ Trees: <http://www.nrdc.org/onearth/05win/livgreen2.asp>



ENERGY AUDIT

Lyons Valley Village **UNIT D** (2 BR, 2 Story)

UNIT D will be **35%** more efficient than similar sized homes built to the 2004 International Energy Conservation Code*.



CARBON DIOXIDE EMISSIONS PER YEAR¹

Reference Home = 18,449 lbs of CO₂

Lyons Valley Village Unit D = 11,848 lbs of CO₂

Reduction in carbon footprint = **6,601 lbs of CO₂ (36%)**



UTILITY SAVINGS PER YEAR²

Reference Home = \$970

Lyons Valley Village Unit D = \$653

Estimated utility bill savings = **\$317 (33%)**



EMISSIONS EQUIVALENT TO VEHICLE MILES DRIVEN PER YEAR³

Reference Home = 20,179 equivalent miles driven

Lyons Valley Village Unit D = 12,959 equivalent miles driven

Equivalent reduction in miles driven = **7,220 miles.(36%)**



EMISSIONS TRANSLATION TO PLANTING TREES⁴

The difference in carbon dioxide emissions that Unit D in Lyons Valley village would achieve over the reference home would be the equivalent to planting **254 trees** a year.

*The Town of Lyons has not adopted an energy code.

¹ Emissions: REM/Rate, Lightly Treading Inc. - ² Utility Savings: REM/Rate, Lightly Treading Inc.

³ Miles: Monthly Energy Review, February 2001, Energy Information Administration

⁴ Trees: <http://www.nrdc.org/onearth/05win/livgreen2.asp>