Why the Concern?

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AMERICAN LUNG ASSOCIATION.
Fighting for Air

Central Air conditioning	3 – 20 kW
Water heater (40 gallon)	4.5 – 5.5 kW
Clothes dryer	1.8 – 5 kW
Plug-in Electric Vehicle	1.44 – 10.0 kW

Unplanned "*per capita*" load growth

Attachment G

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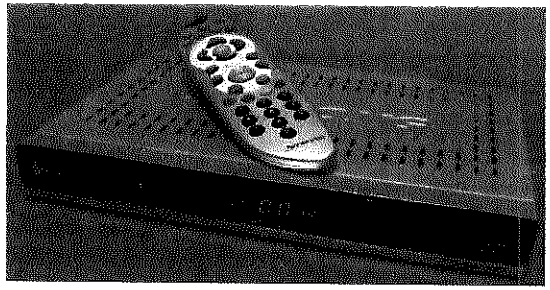
How Much Load is a 40 Mile Range EREV & 100 Mile Range Nissan Leaf?

PLASMA TV

Annual Energy 623 kWh

SET TOP BOX



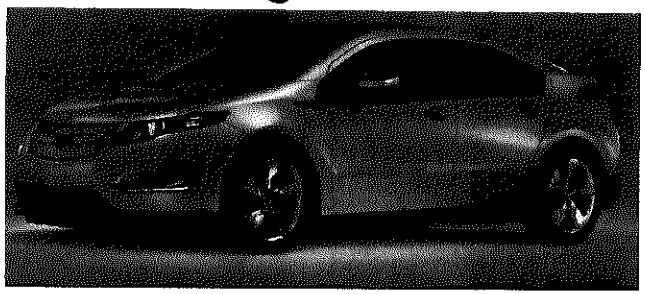
Annual Energy 263 kWh

Annual Energy Consumption

= 865 kWh

CHEVY VOLT

Extended Range Electric Vehicle



Average Annual Energy Consumption

= 1890 kWh

Volt is approx. 11% load increase to the average Home

Nissan Leaf

All Electric Vehicle

Average Annual Energy Consumption

= 2964 kWh

Volt is approx. 17% load increase to the average Home

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