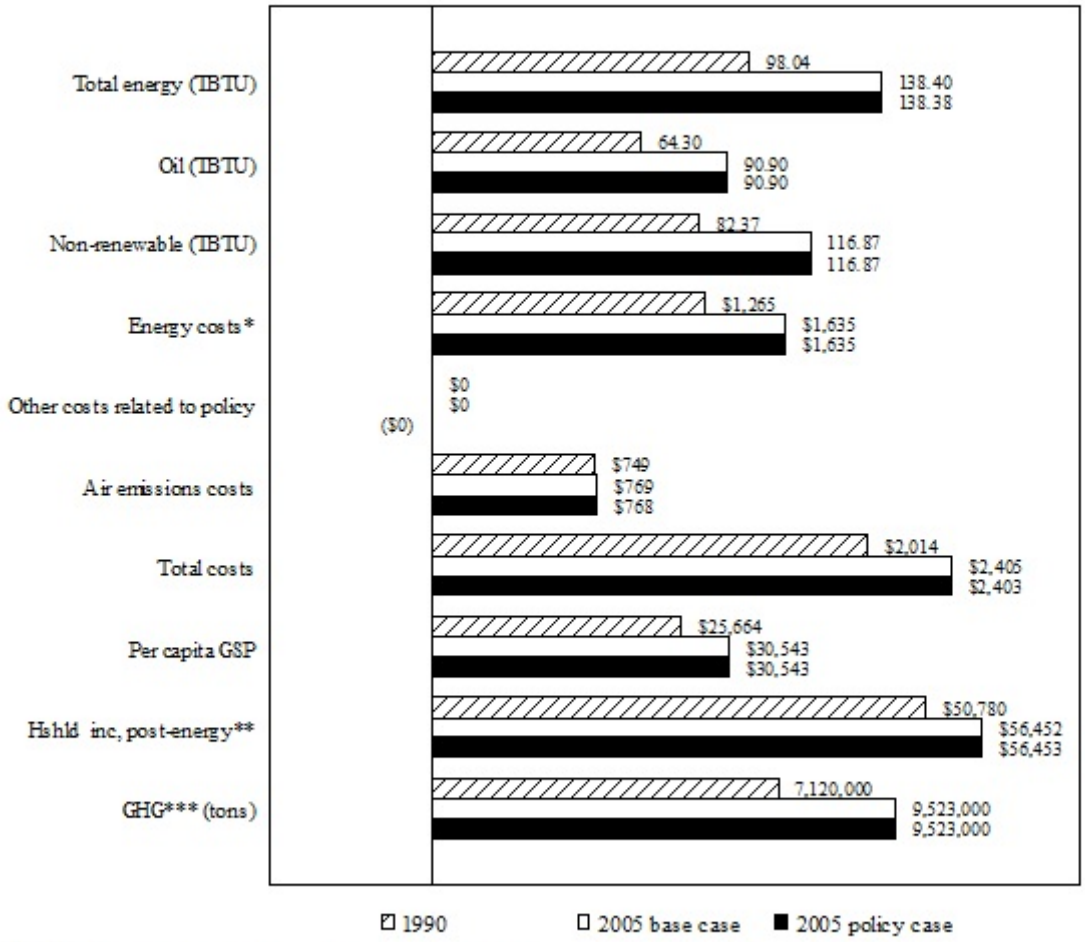
Fueling Vermont's Future
Comprehensive Energy Plan
and
Greenhouse Gas Action Plan

Figures from Chapter 4.I, II, III

Figure 4.I.1

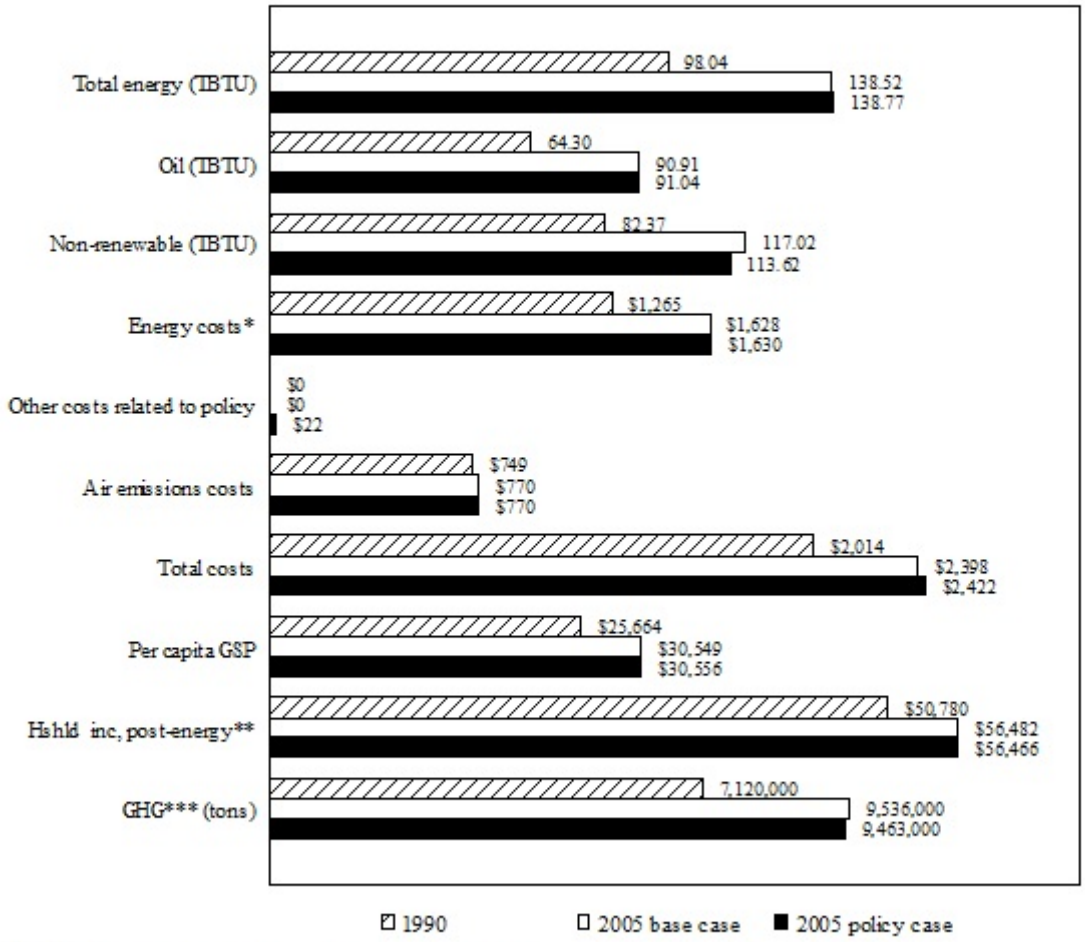
Promoting Clean, Efficient Wood-Burning with New Stoves



Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.I.2

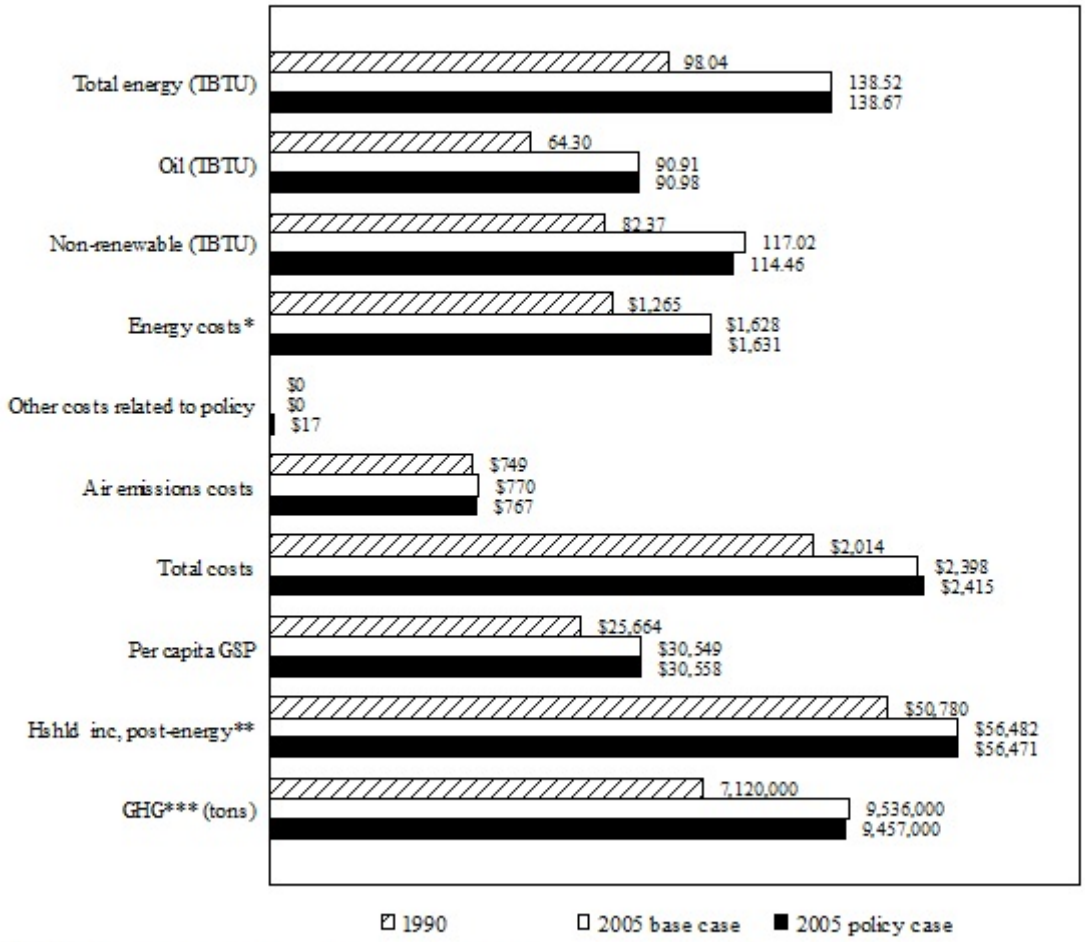
Renewable Portfolio Standard with Wood Gasification



Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

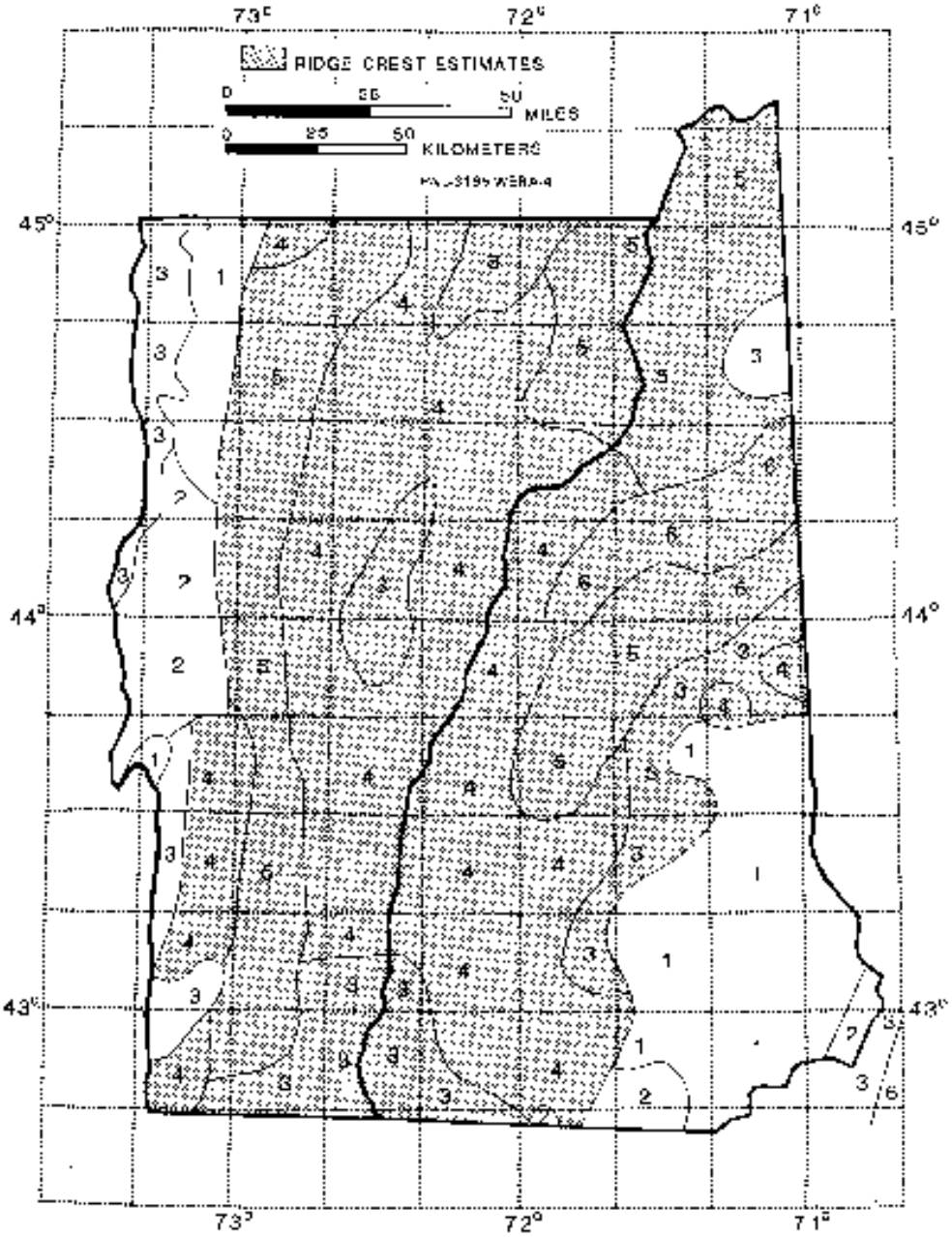
Figure 4.I.3

Renewable Portfolio Standard with Wood Gasification and Wind Power



Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

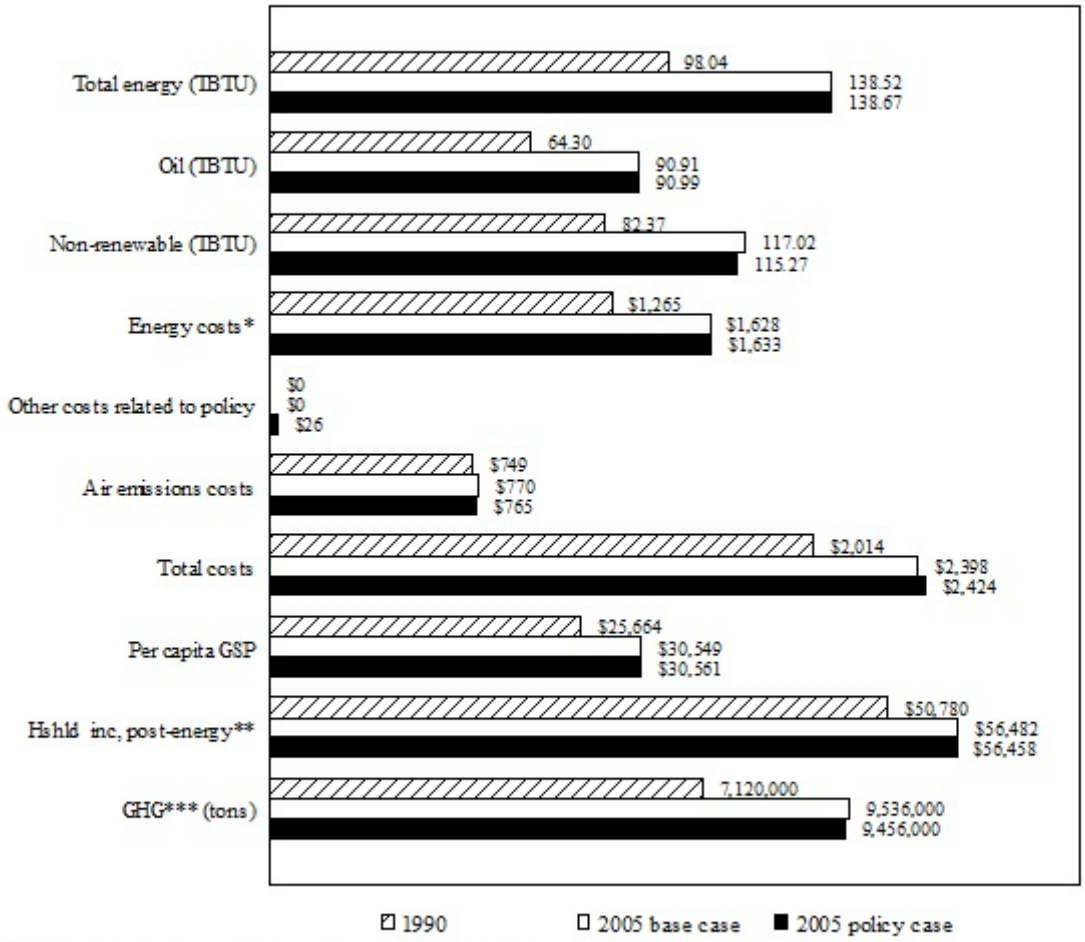
Figure 4.14 New Hampshire and Vermont Annual Average Wind Power



Source: Pickering, 1990 (Pacific Northwest Laboratory), 104.

Figure 4.I.5

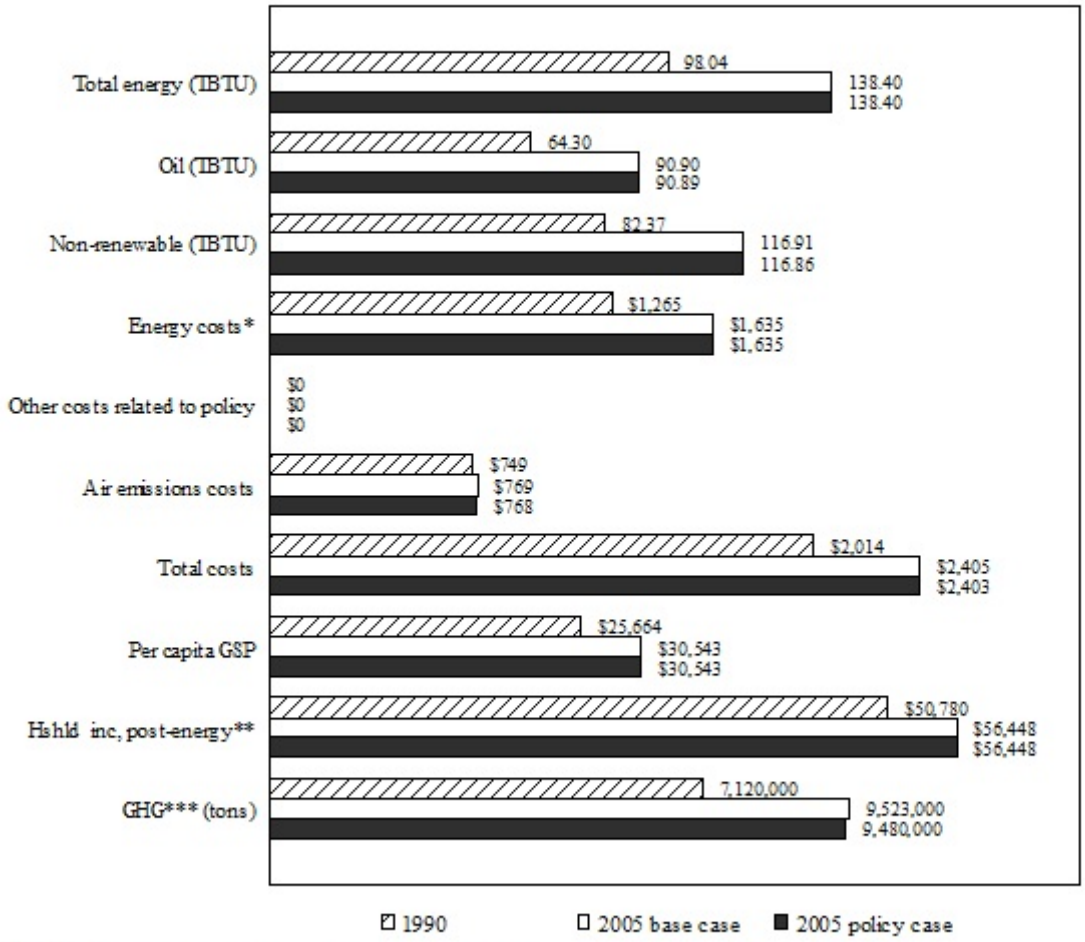
Renewable Portfolio Standard with Wind Power



Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.I.6

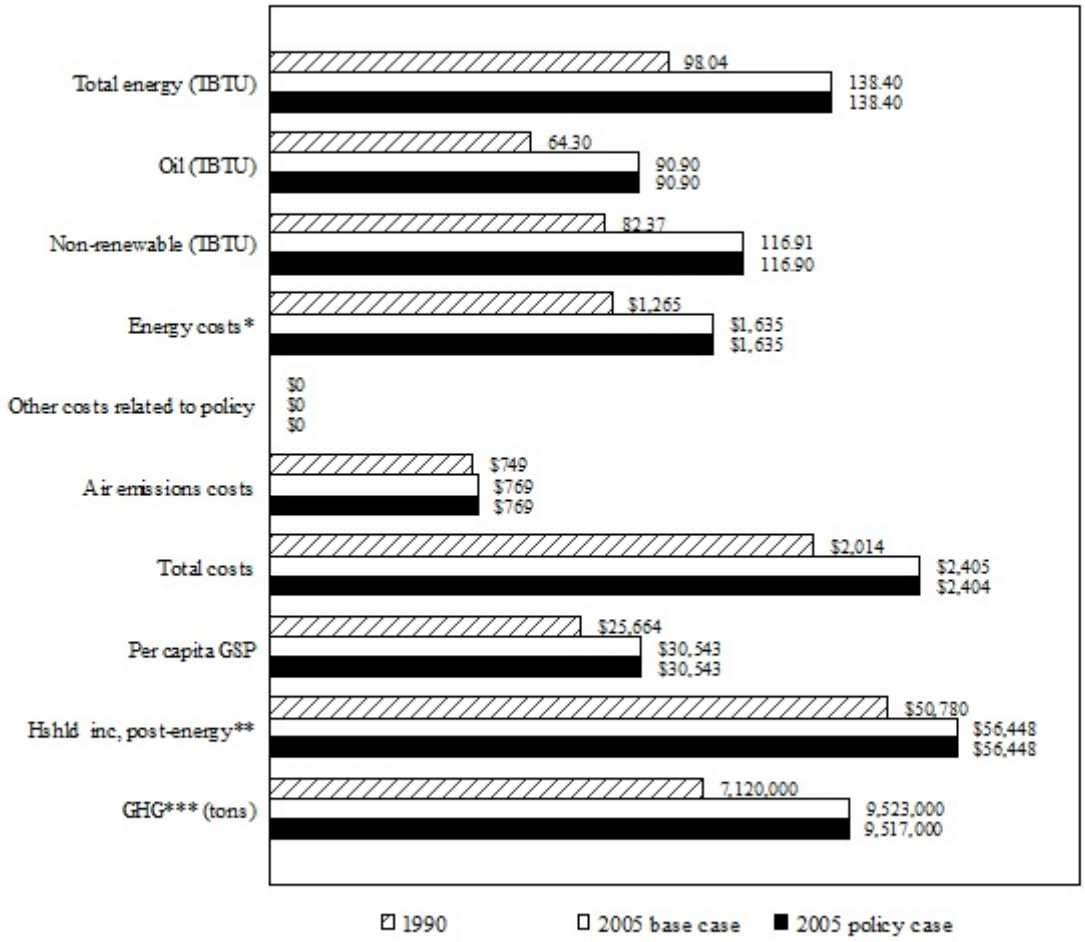
Increasing Appropriate Use of Landfill Methane Energy



Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.I.7

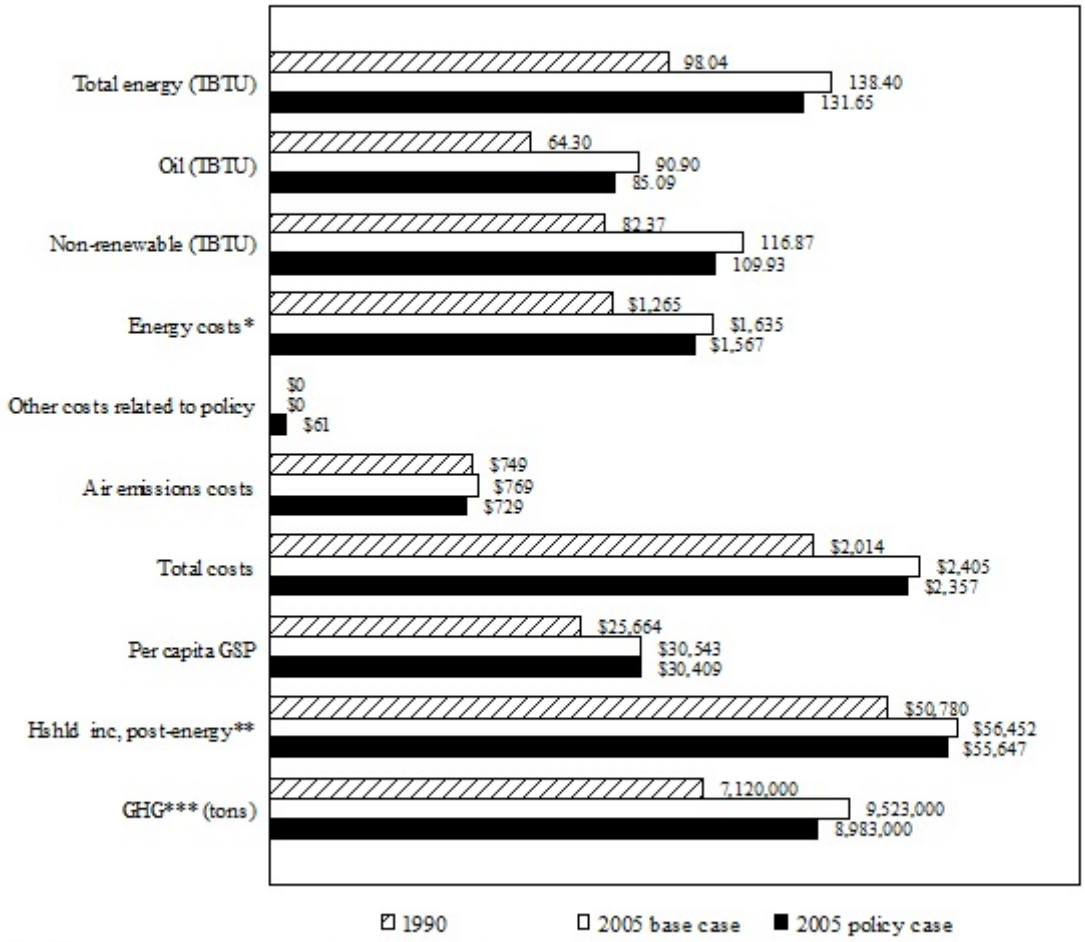
Increasing Appropriate Use of Farm Methane Energy



Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.I.8

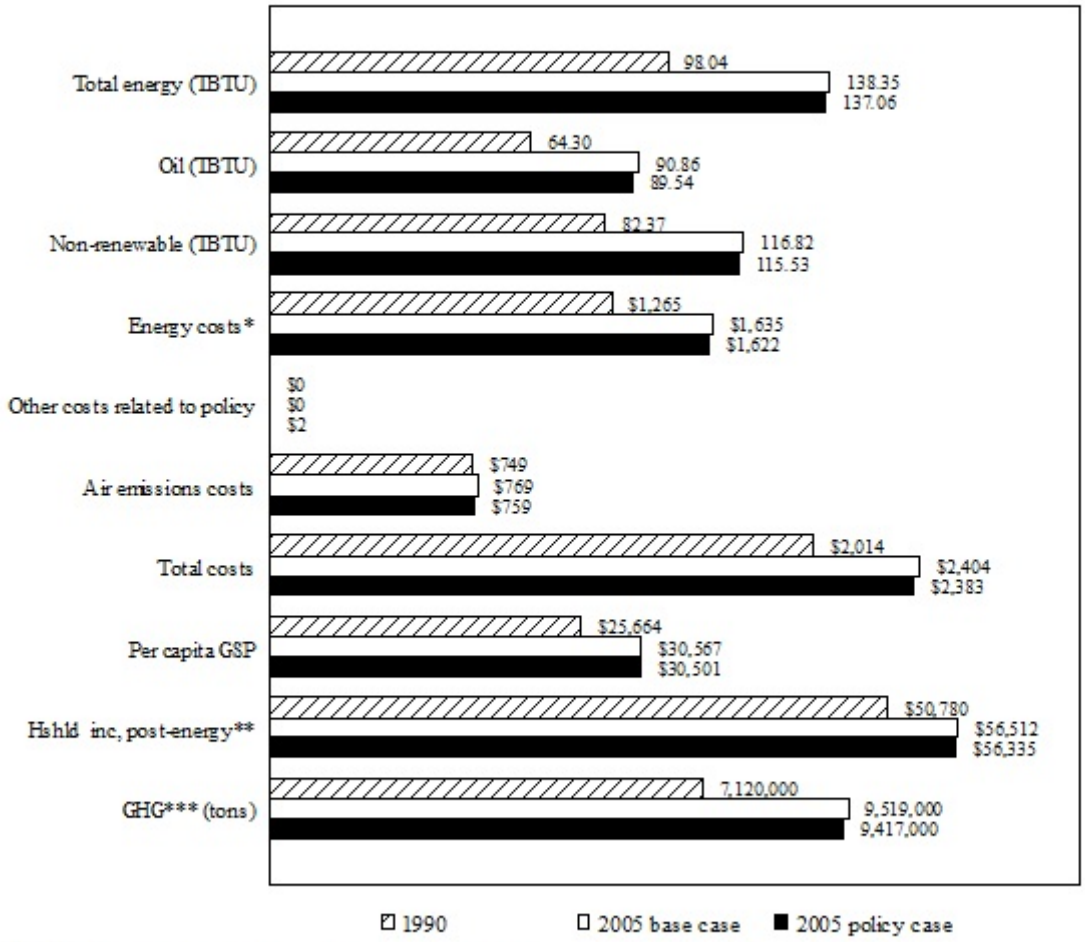
Carbon Tax at $100/Ton with Revenues Returned to Taxpayers



Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.I.9

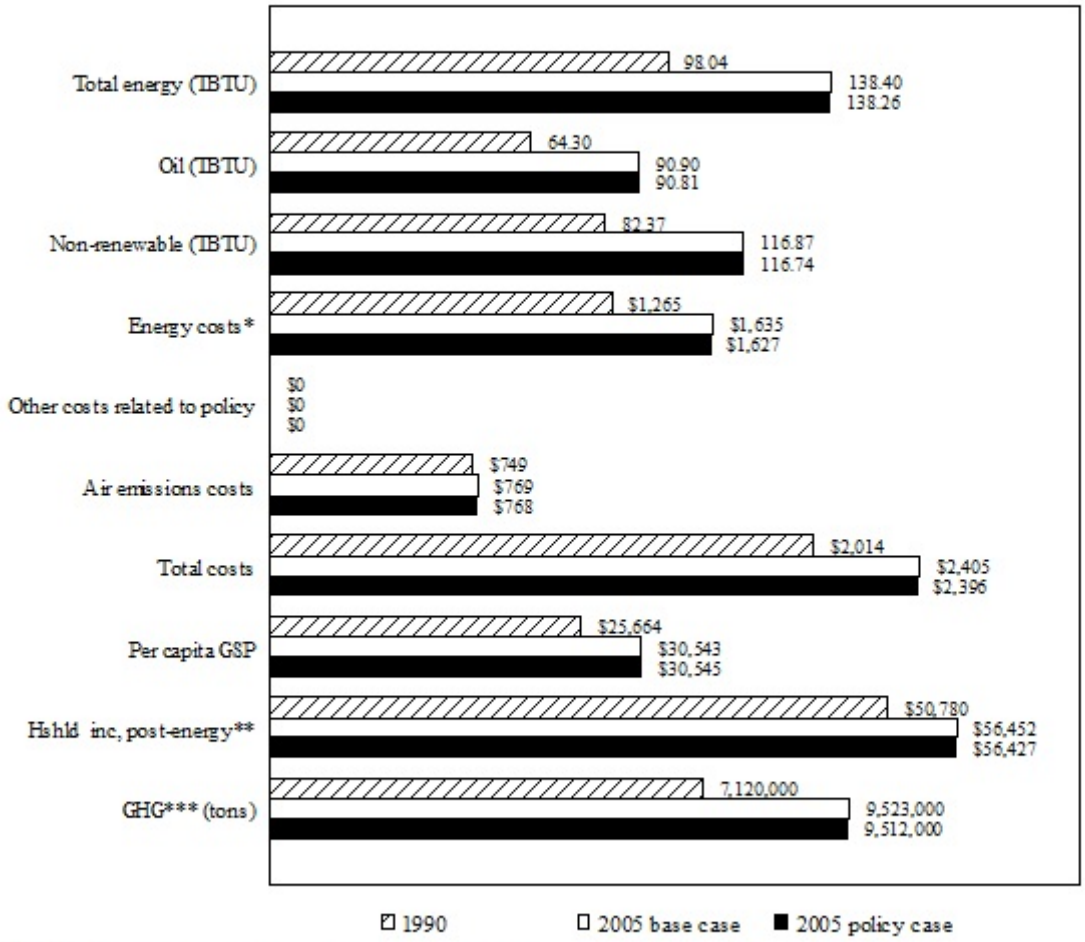
Remove Exemption on Motor Fuels Tax with Revenues Returned to Tax



Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.I.10

Gross Fuel Receipts Tax with Revenues to Weatherization



Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.II.1 Public and Private Costs of Transportation Alternatives

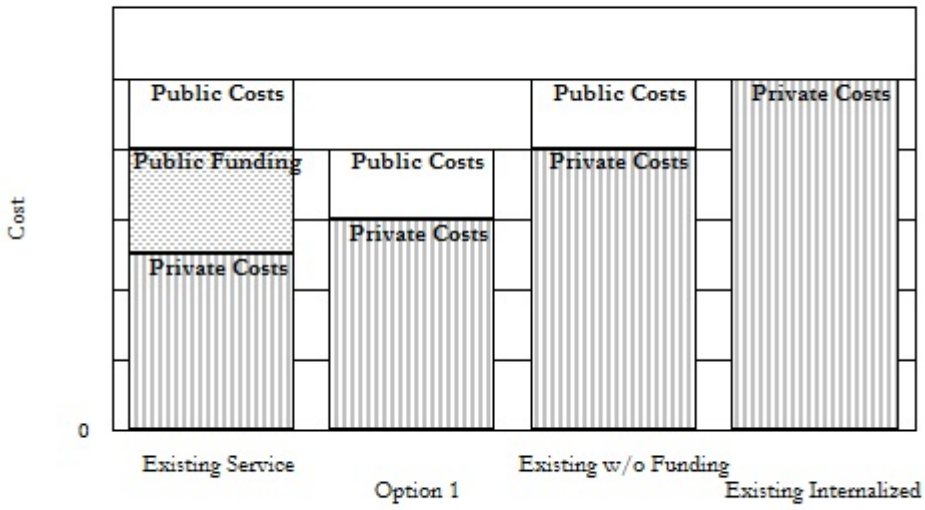


Figure 4.II.2 Public and Private Costs When Unable to Remove Public Funding

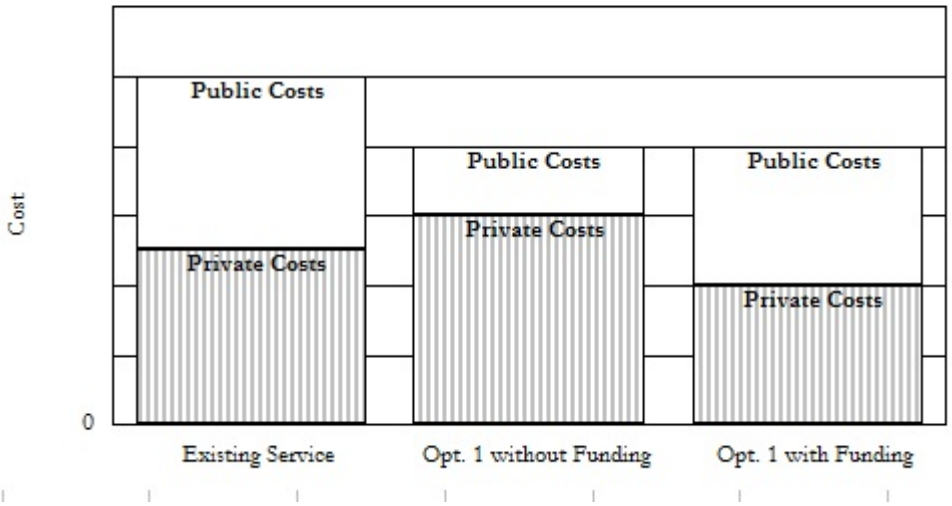


Figure 4.II.3 Public and Private Costs When Facing Market Barriers

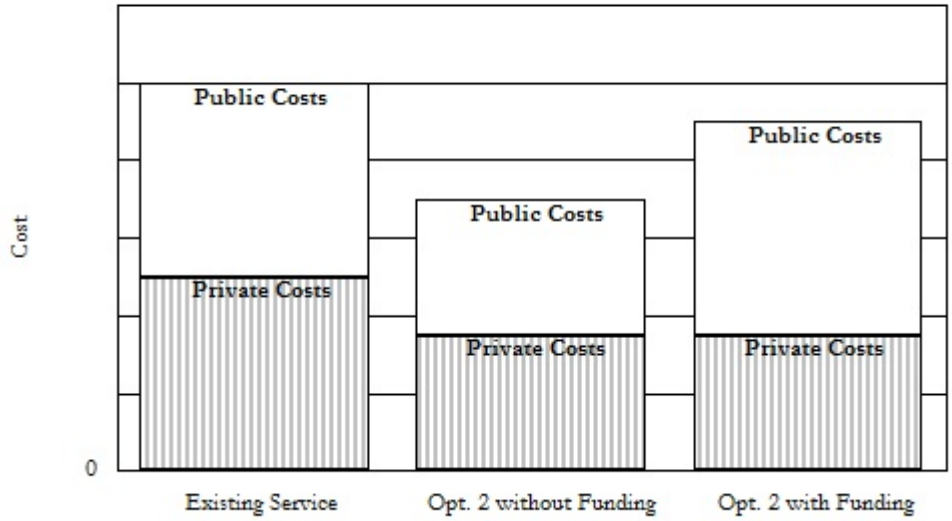
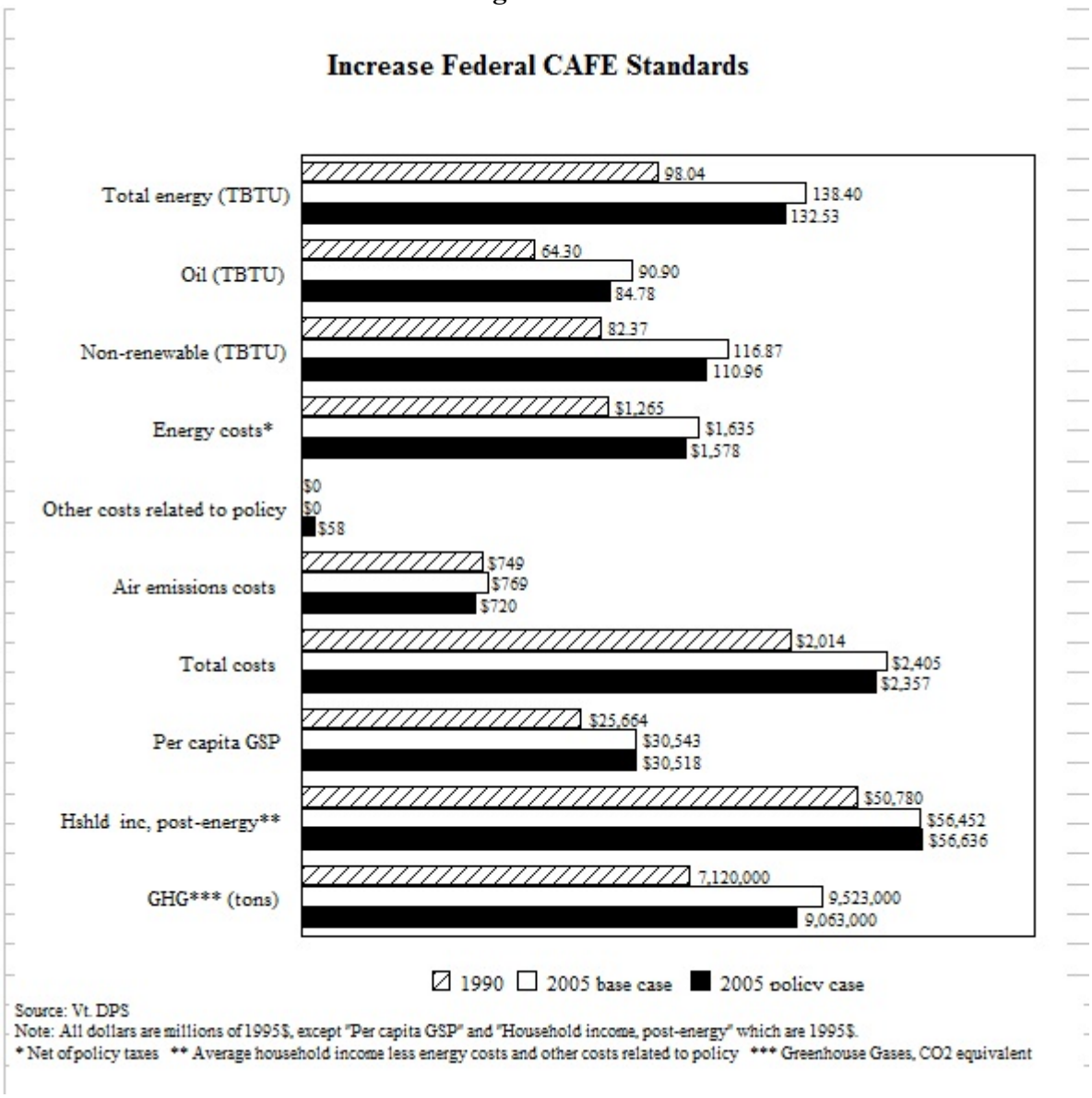
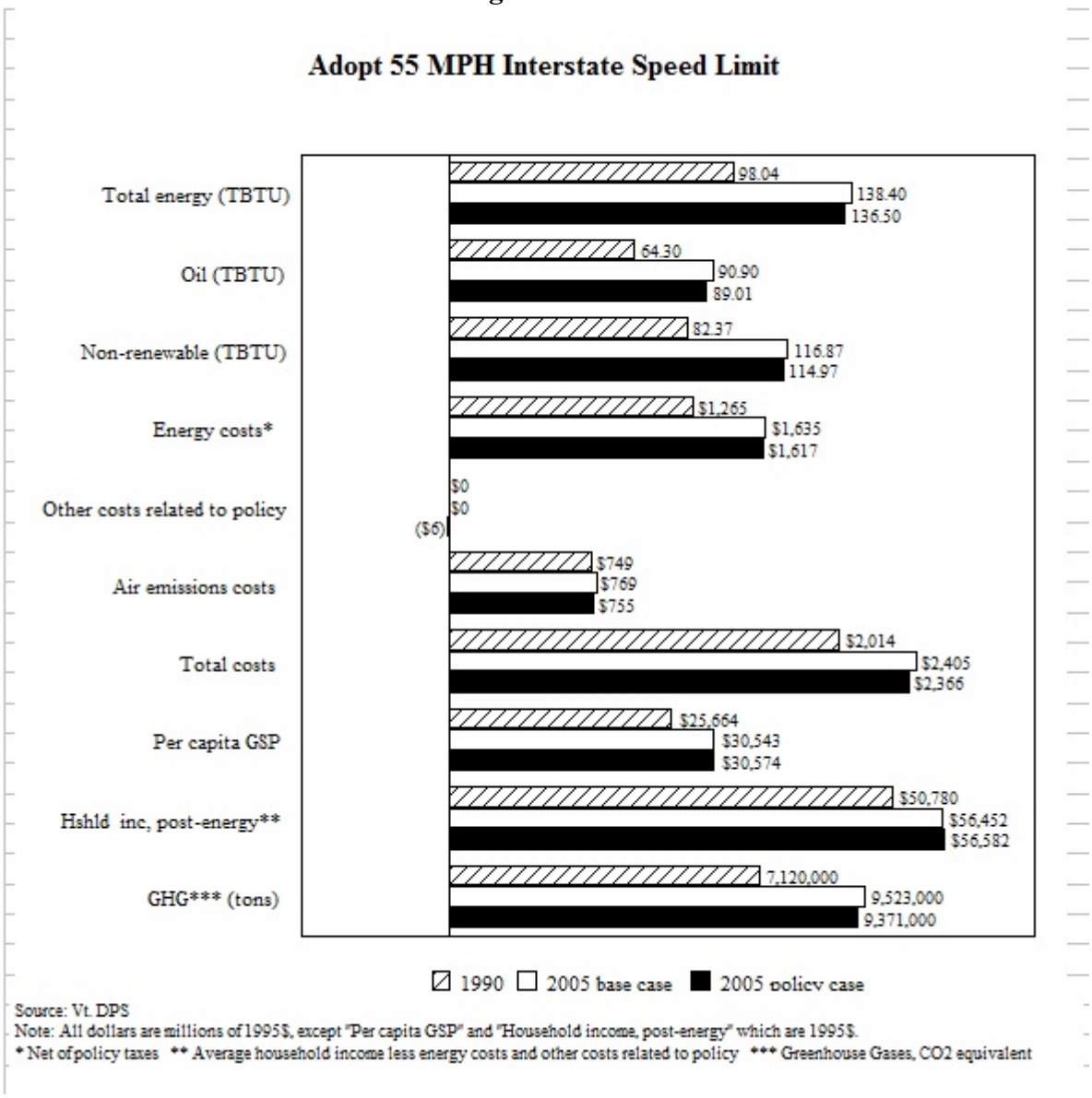


Figure 4.II4



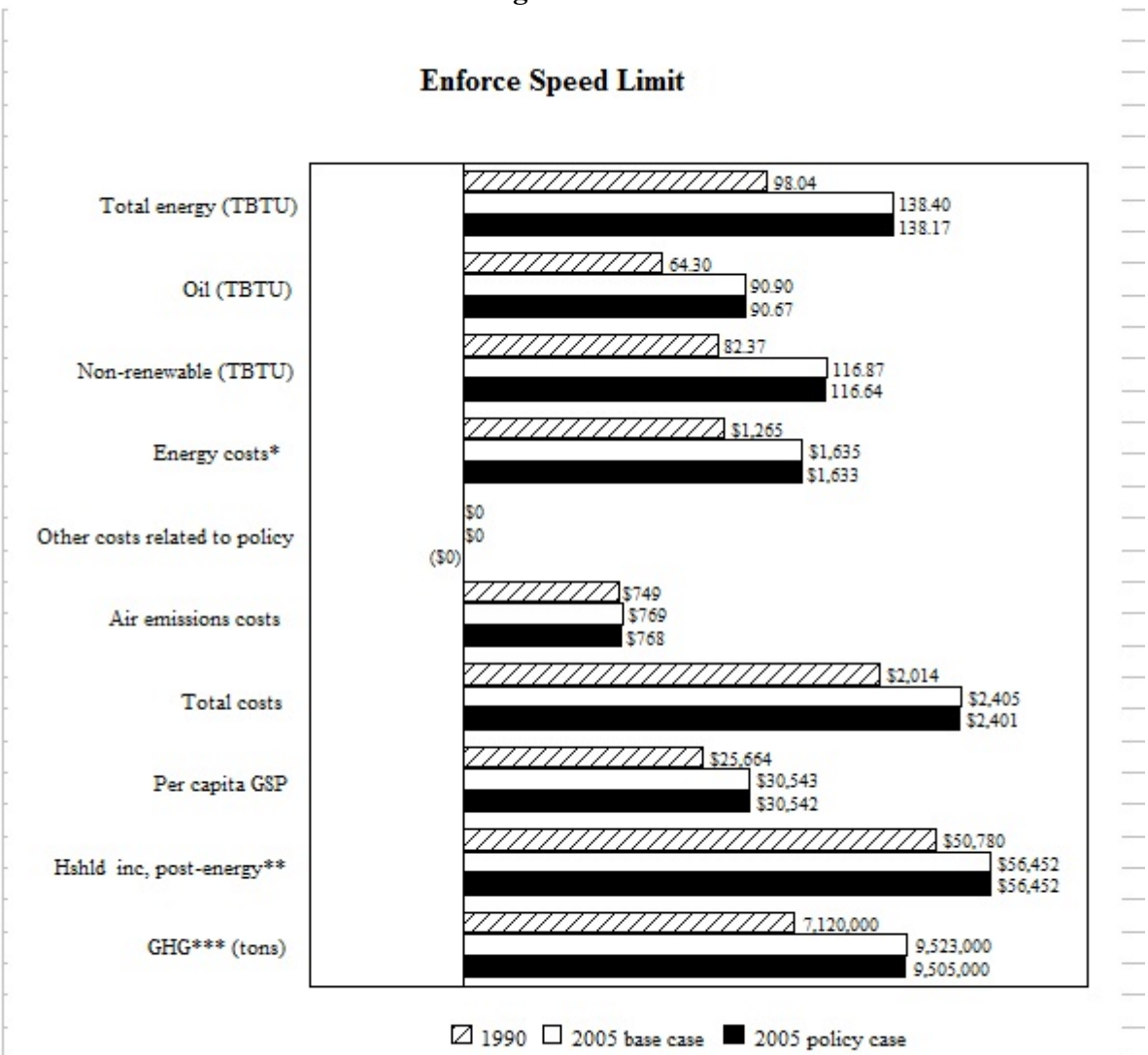
Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.II.5



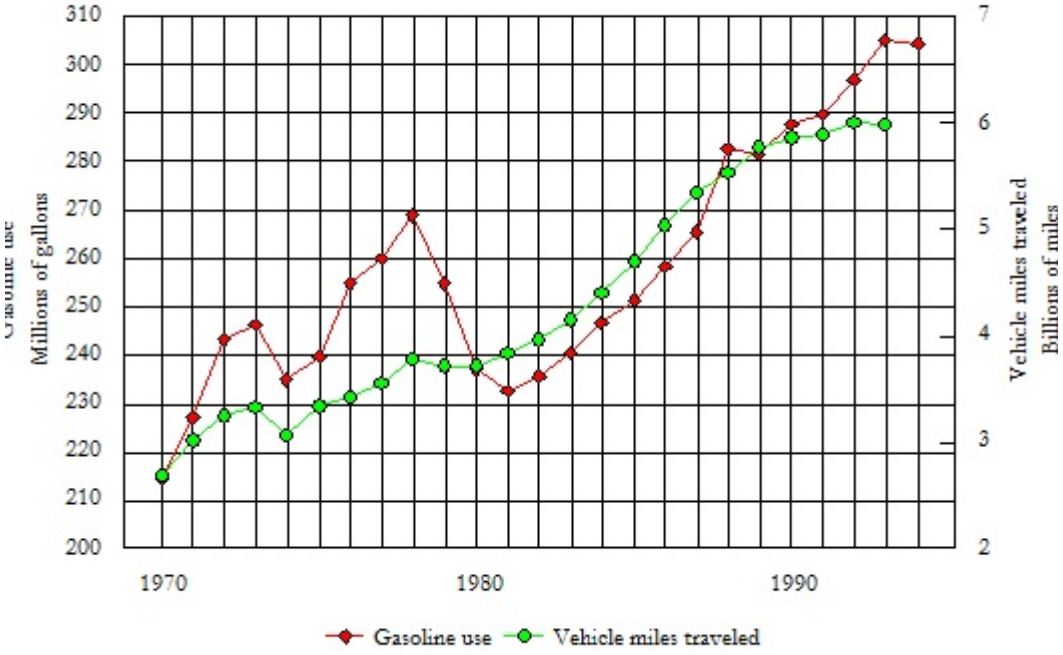
Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.II.6



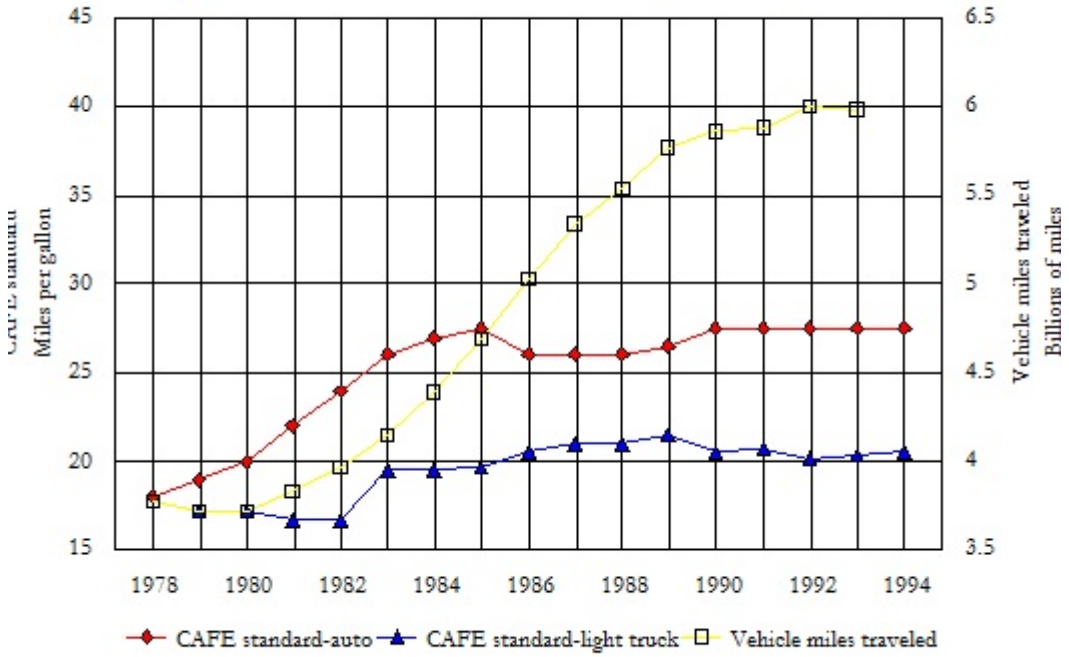
Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.II.7 Vt. Gasoline Use and Vehicle Miles Traveled, 1970-1994



Source: VT ACT, 1991, 44 and Dept. of Motor Vehicles Fuel Report.

Figure 4.II.8 Automobile Efficiency vs. VMT, 1978-1994



Source: VT ACT, 1991, 44 and AAMA, Facts and Figures 1994, 84-85

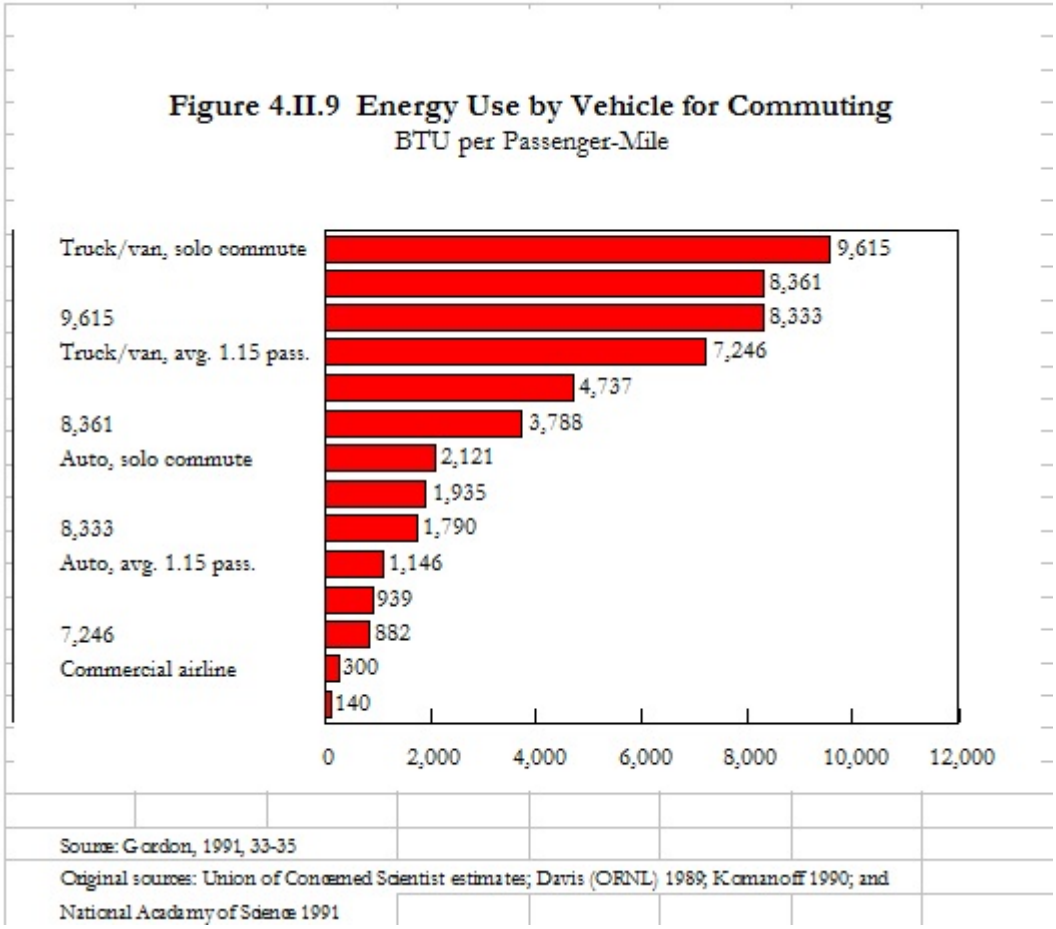
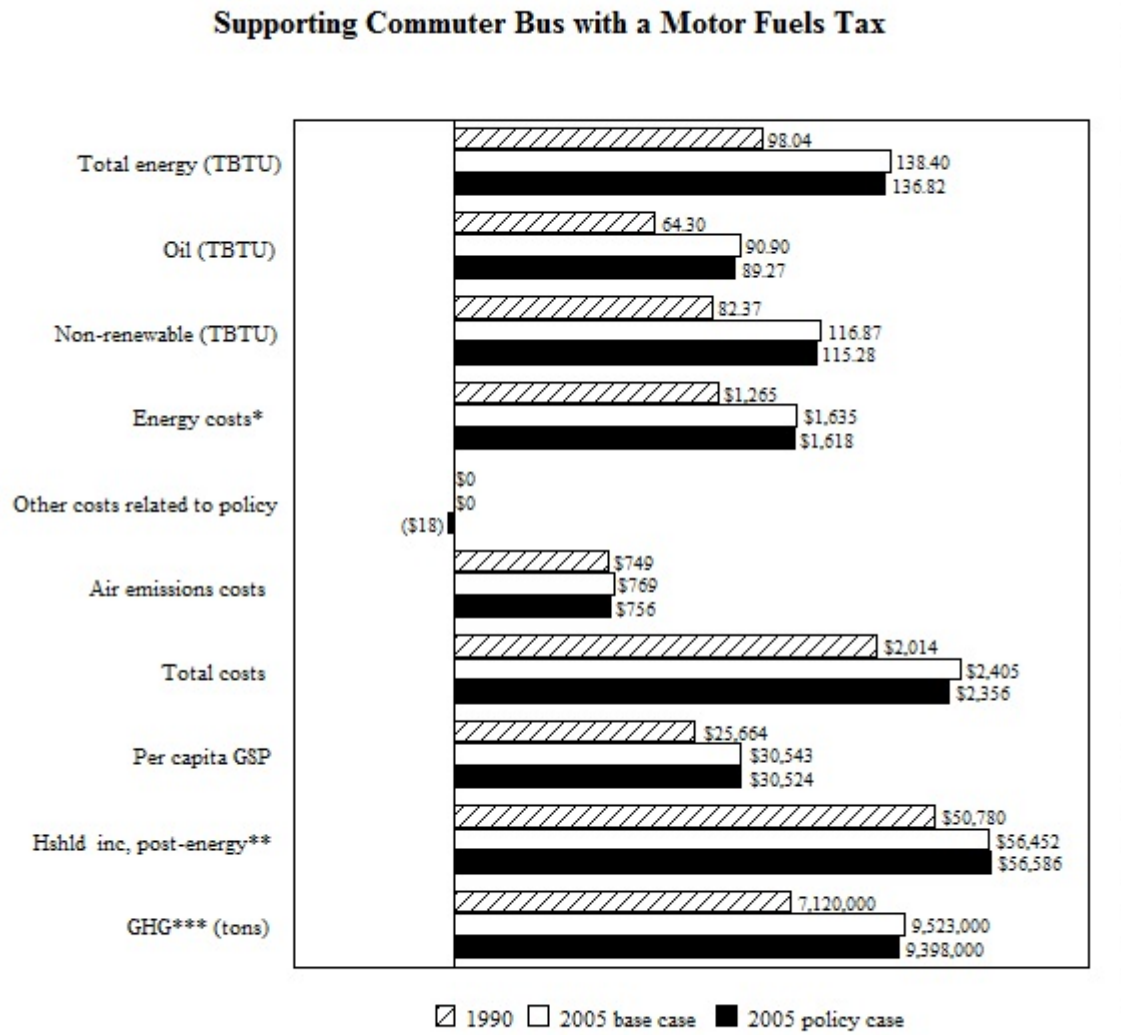


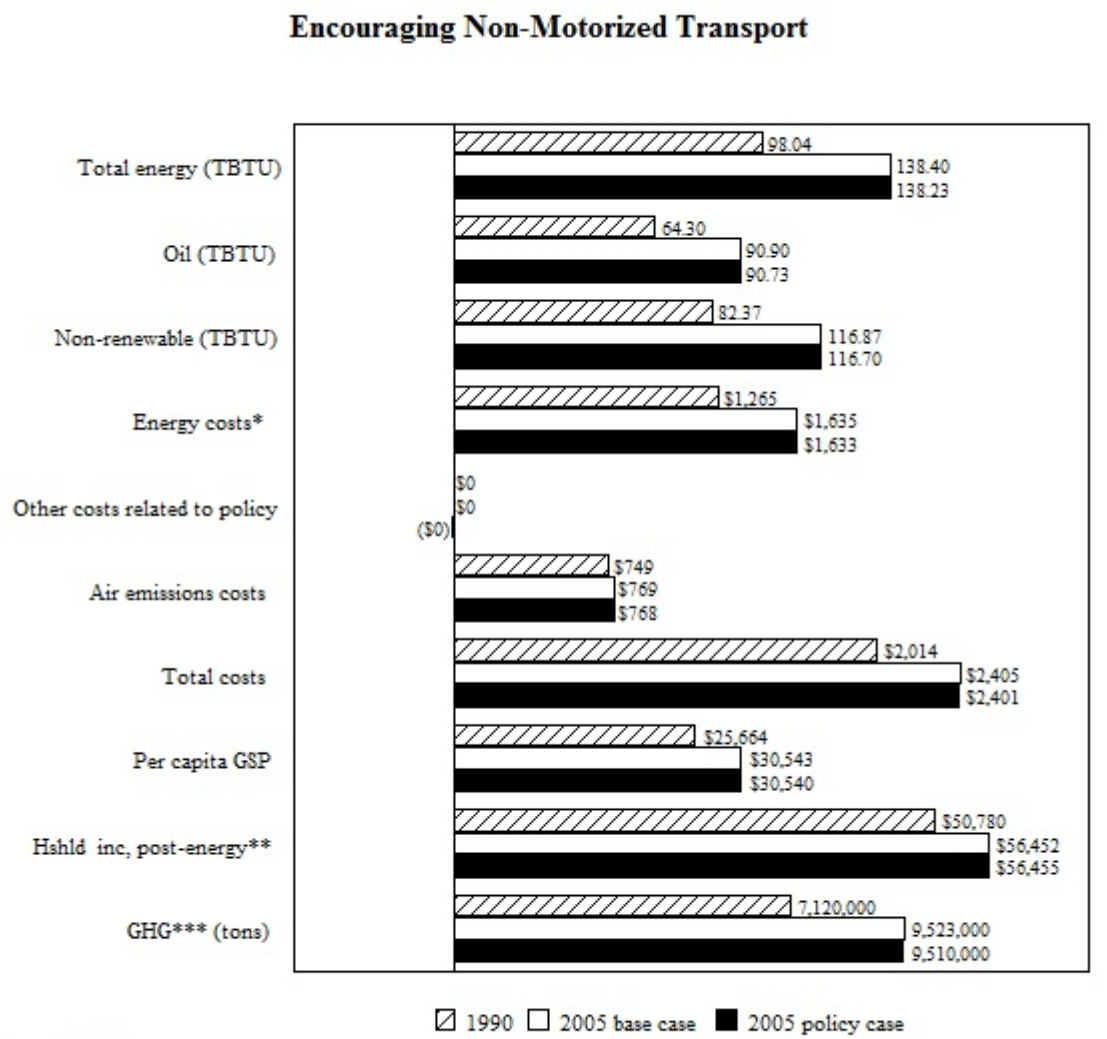
Figure 4.II.9 Energy Use by Vehicle for Commuting
BTU per Passenger-Mile
Truck/van, solo commute
9,615
Truck/van, avg. 1.15 pass.
8,361
Auto, solo commute
8,333
Auto, avg. 1.15 pass.
7,246
Commercial airline
9,615
8,361
8,333
7,246
4,737
3,788
2,121
1,935
1,790
1,146
939
882
300
140
0
2,000
4,000
6,000
8,000
10,000
12,000
Source: Gordon, 1991, 33-35
Original sources: Union of Concerned Scientist estimates; Davis (ORNL) 1989; Komanoff 1990; and National Academy of Science 1991

Figure 4.II.10



Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.II.11

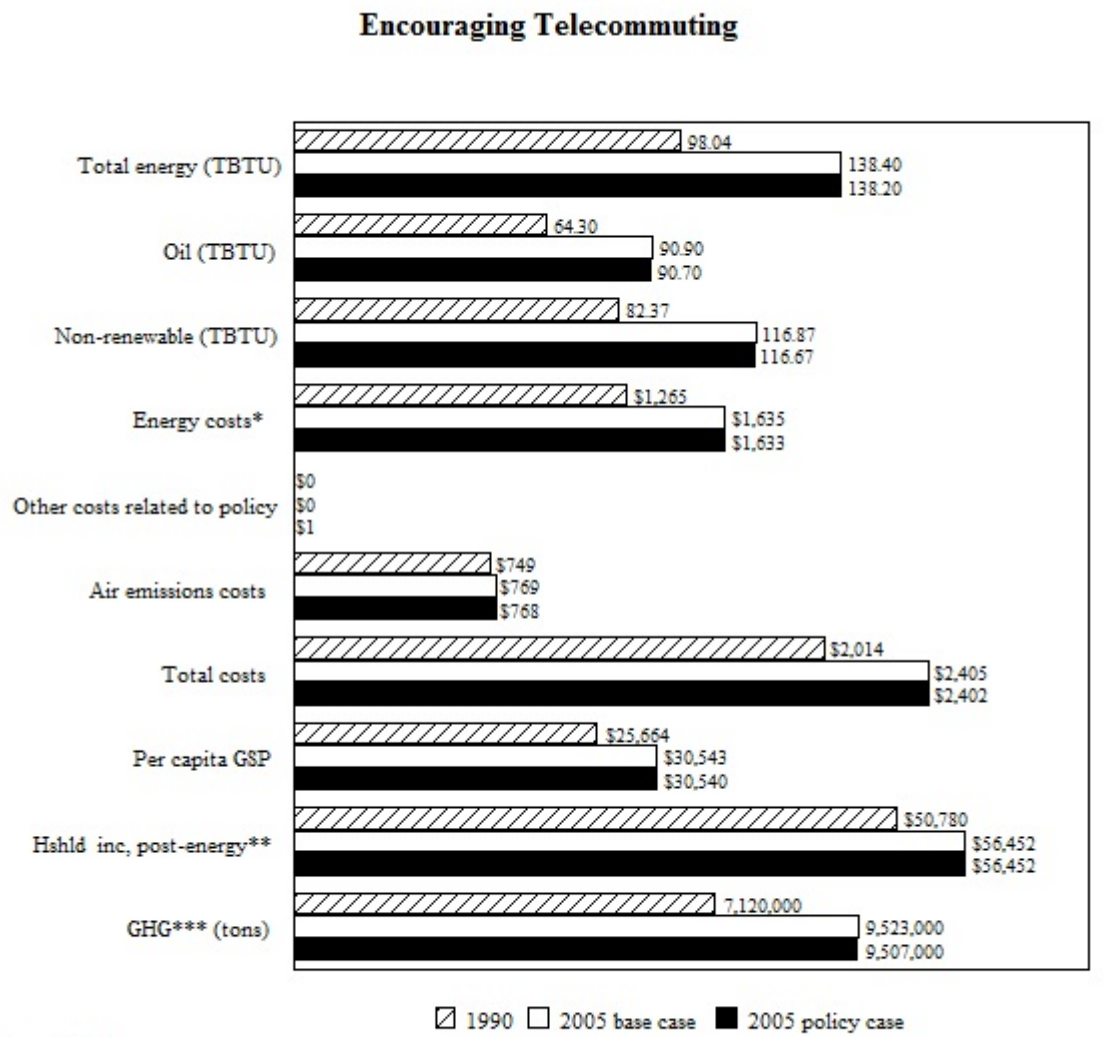


Source: Vt. DPS

Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.

* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.II.12

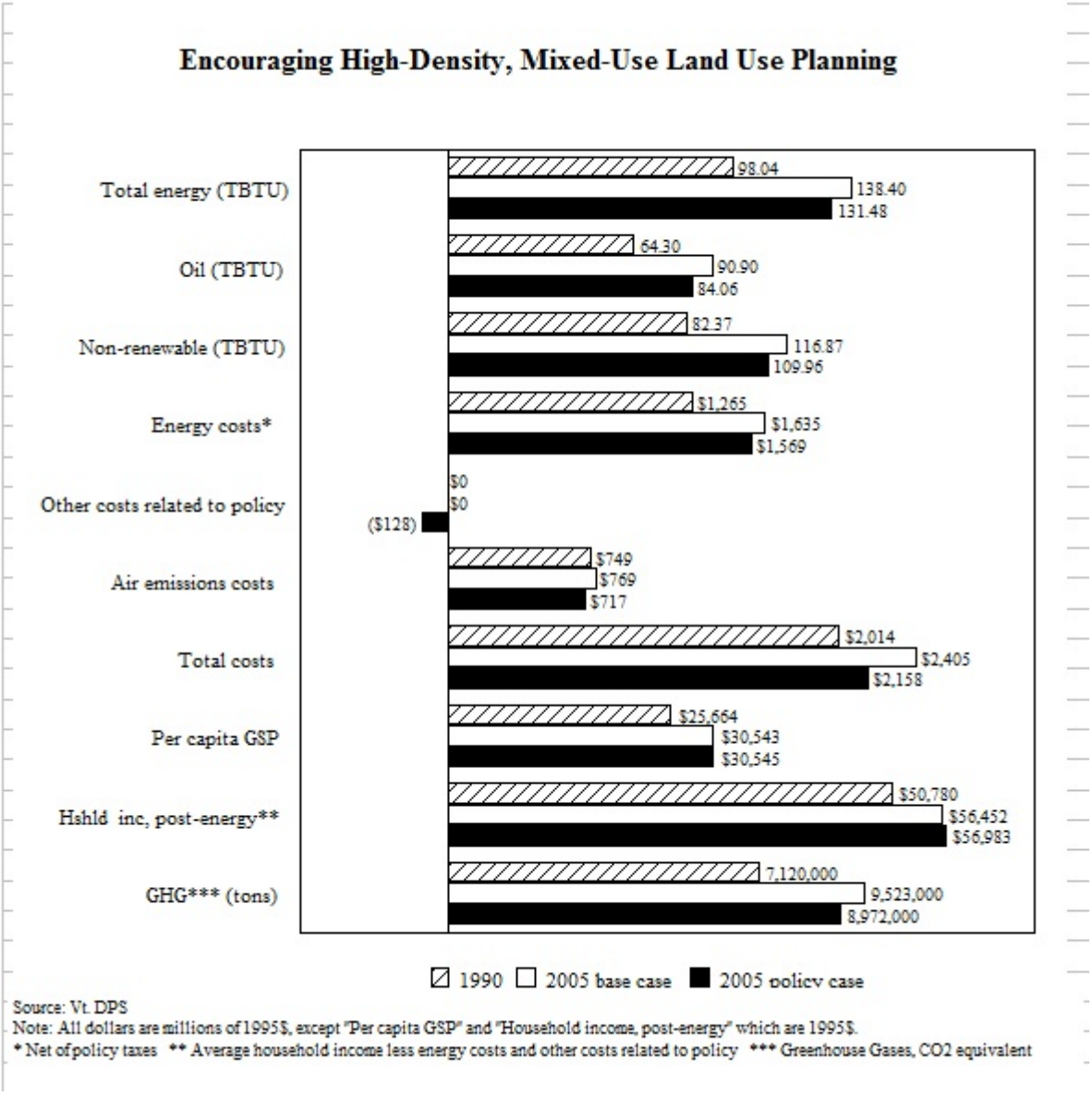


Source: Vt. DPS

Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.

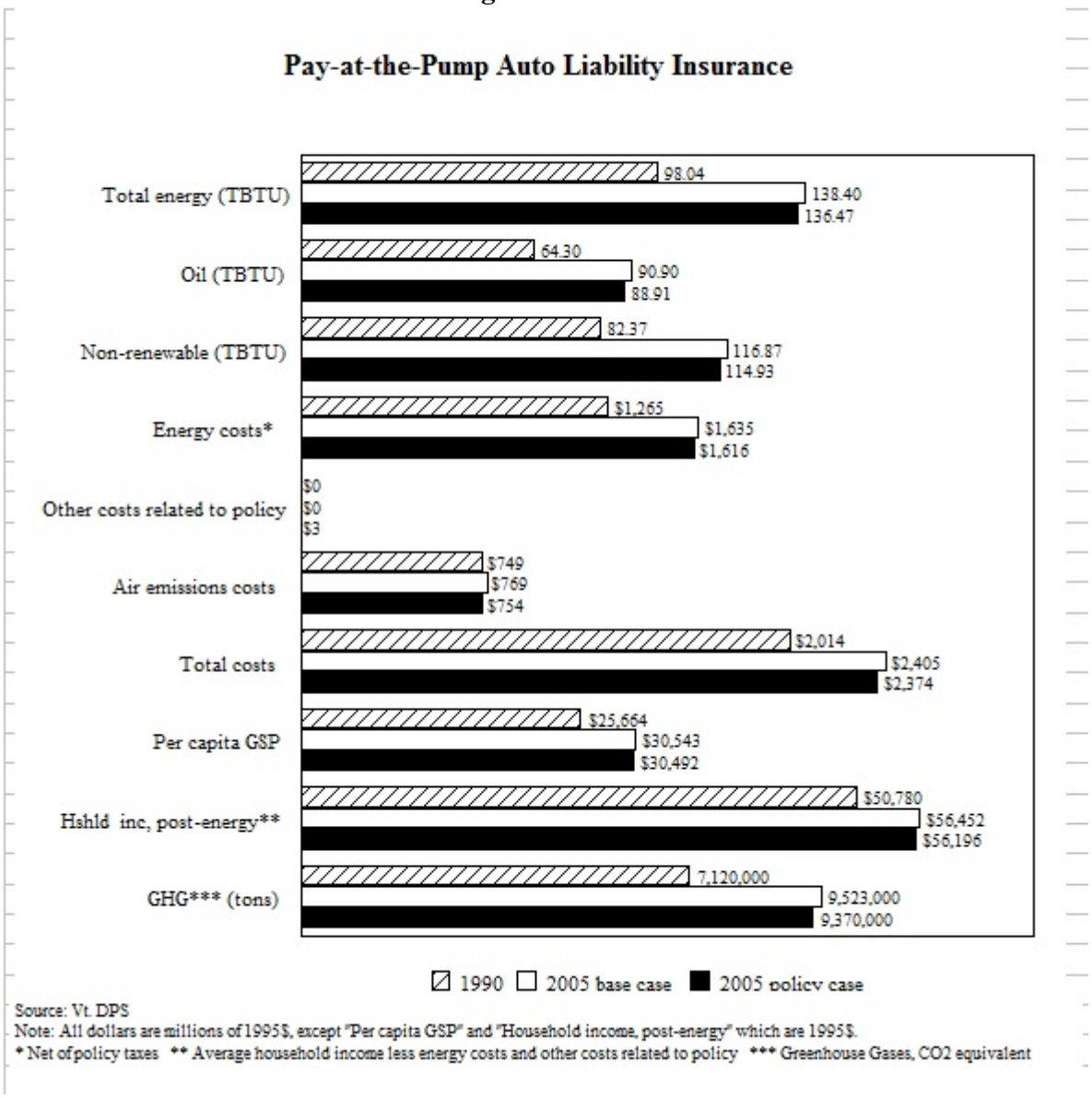
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.II.13



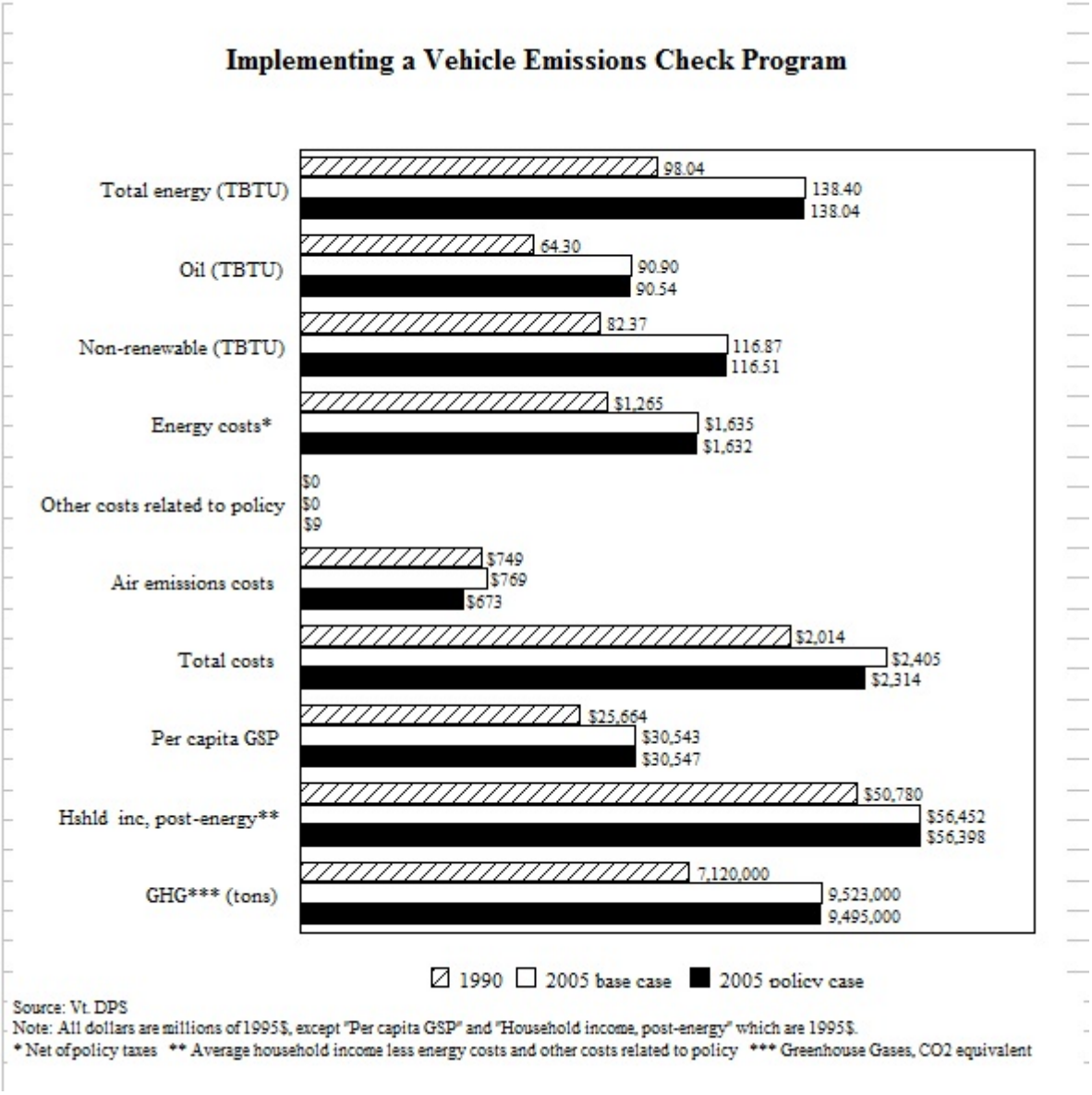
Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.II.14



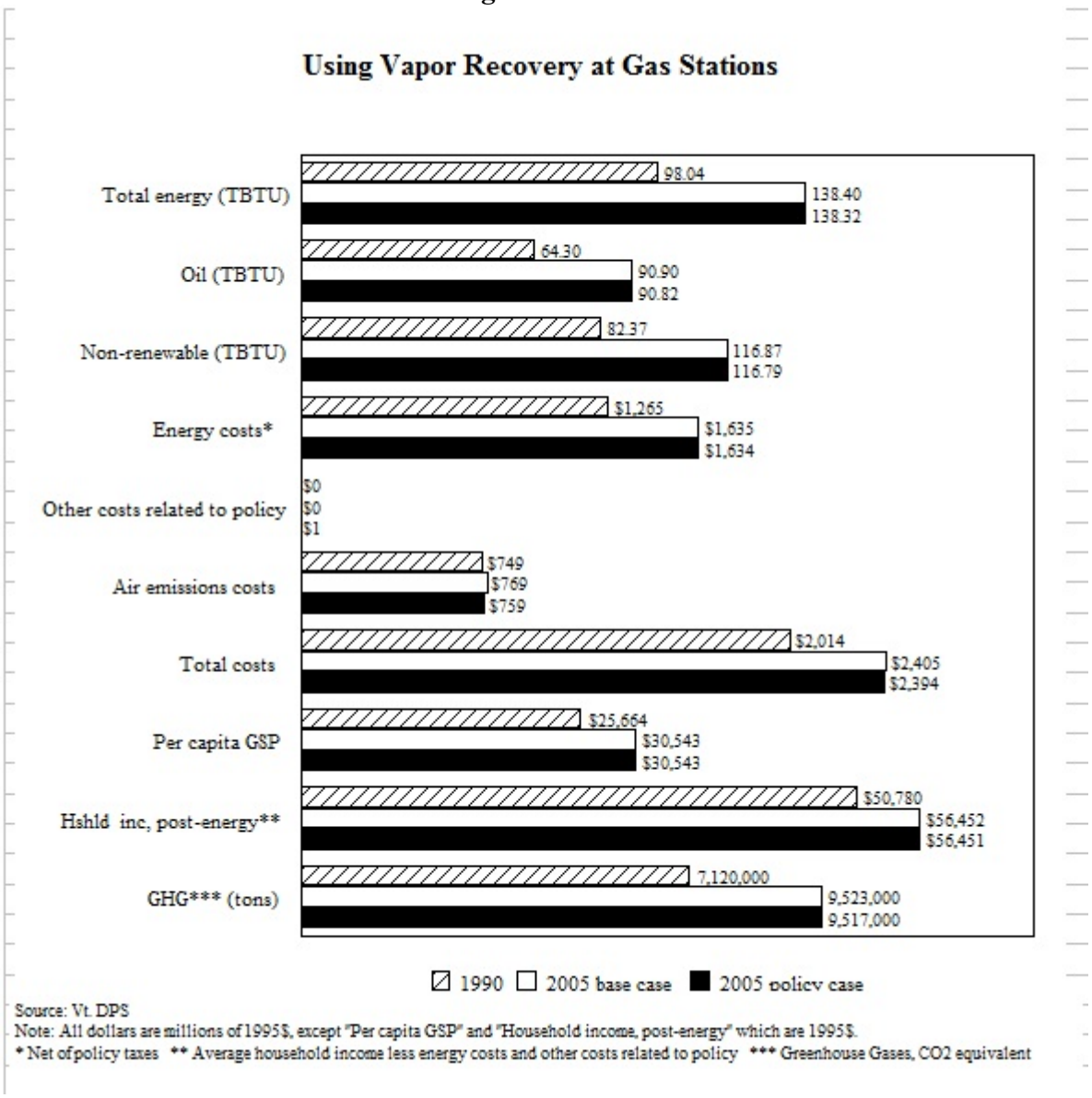
Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.II.15



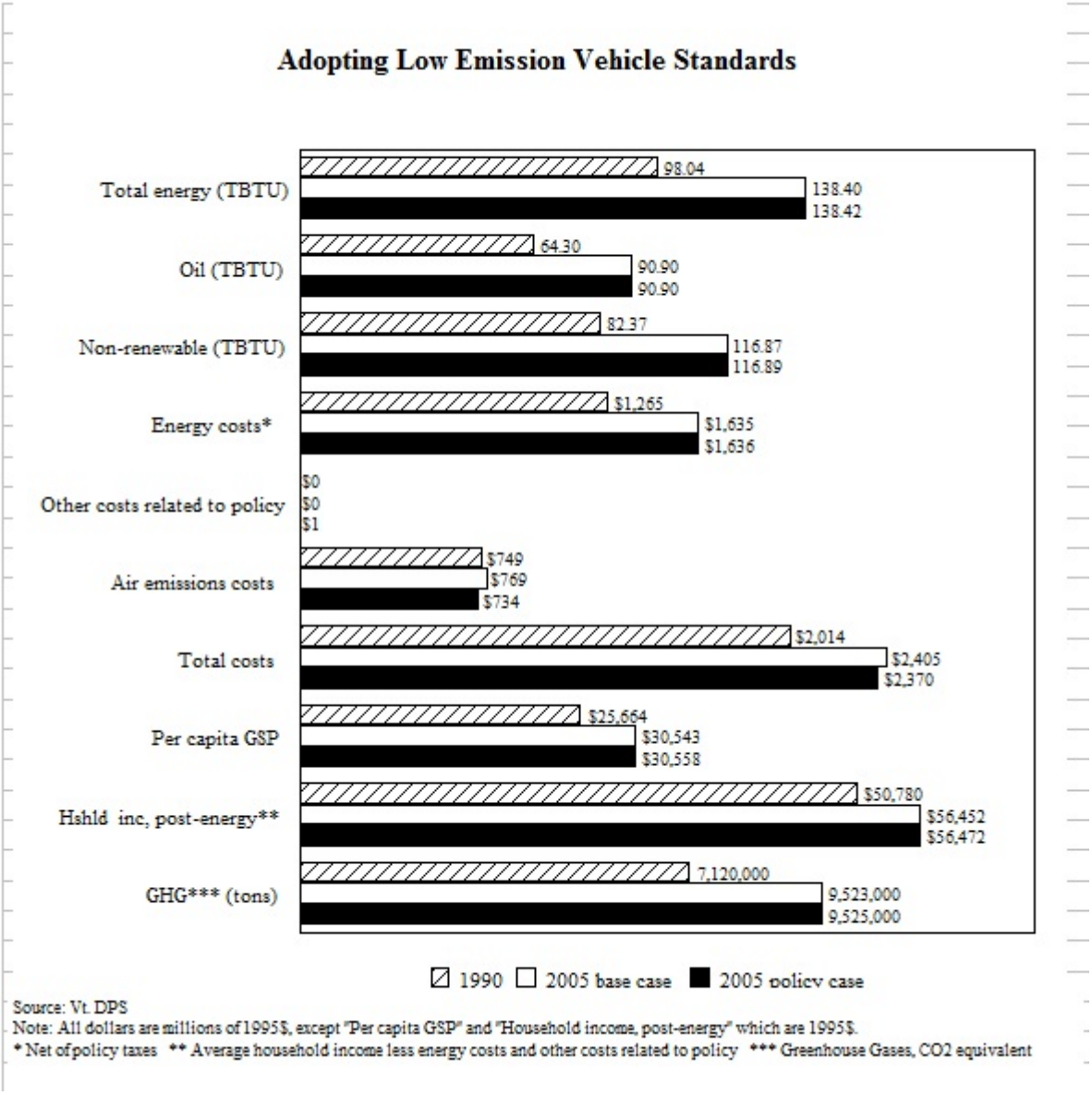
Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.II.16



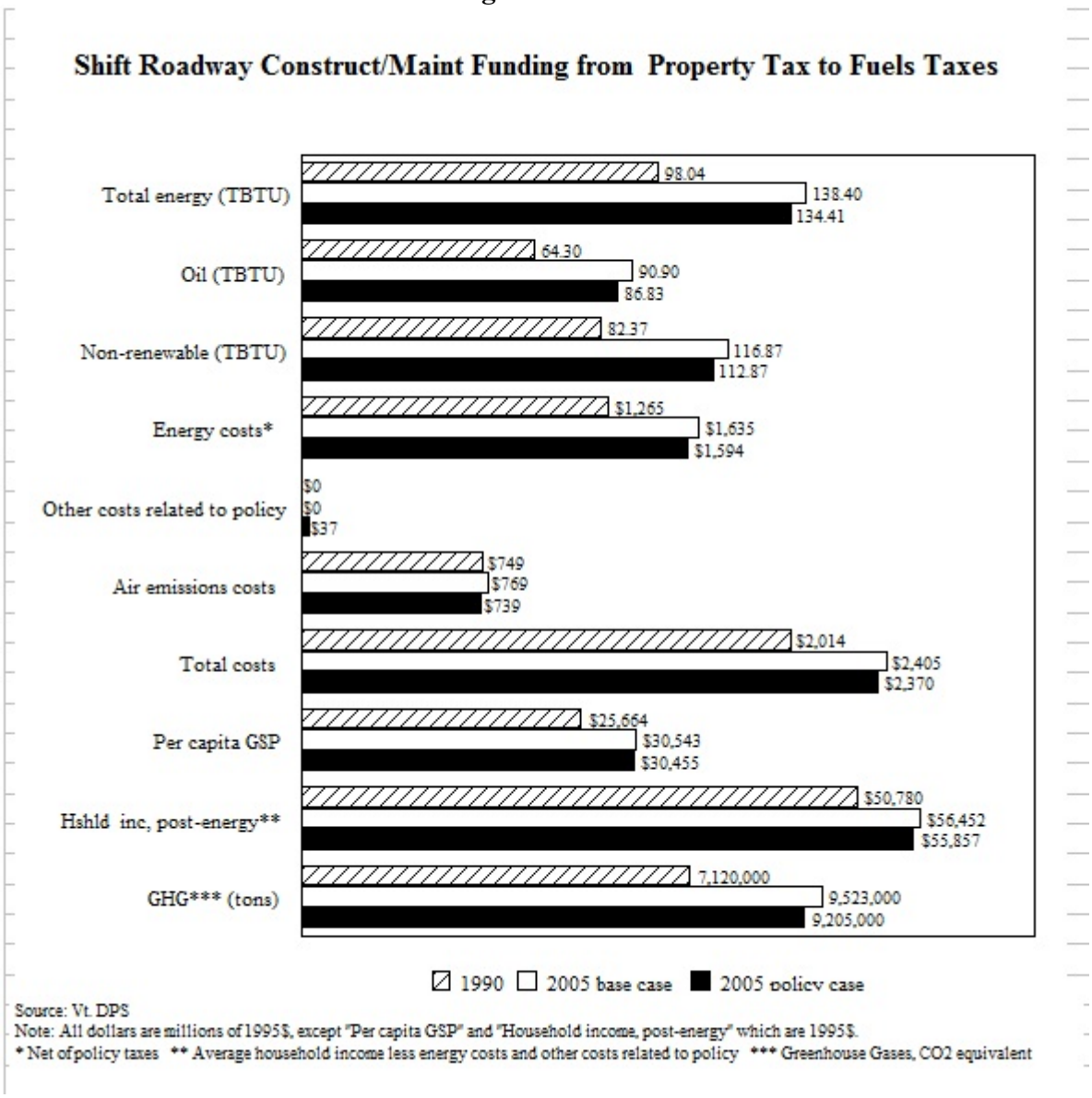
Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.II.17



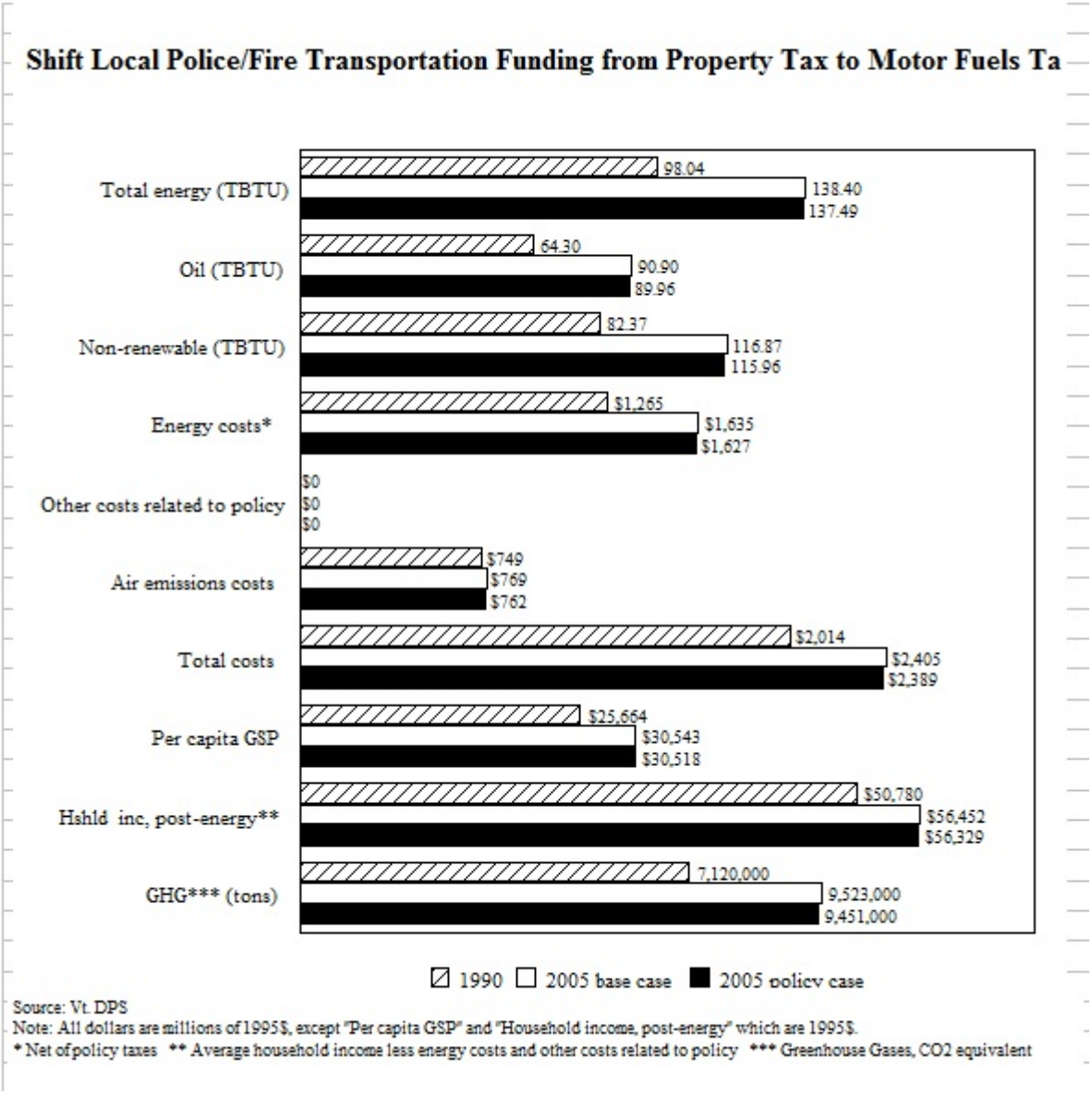
Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.II.18



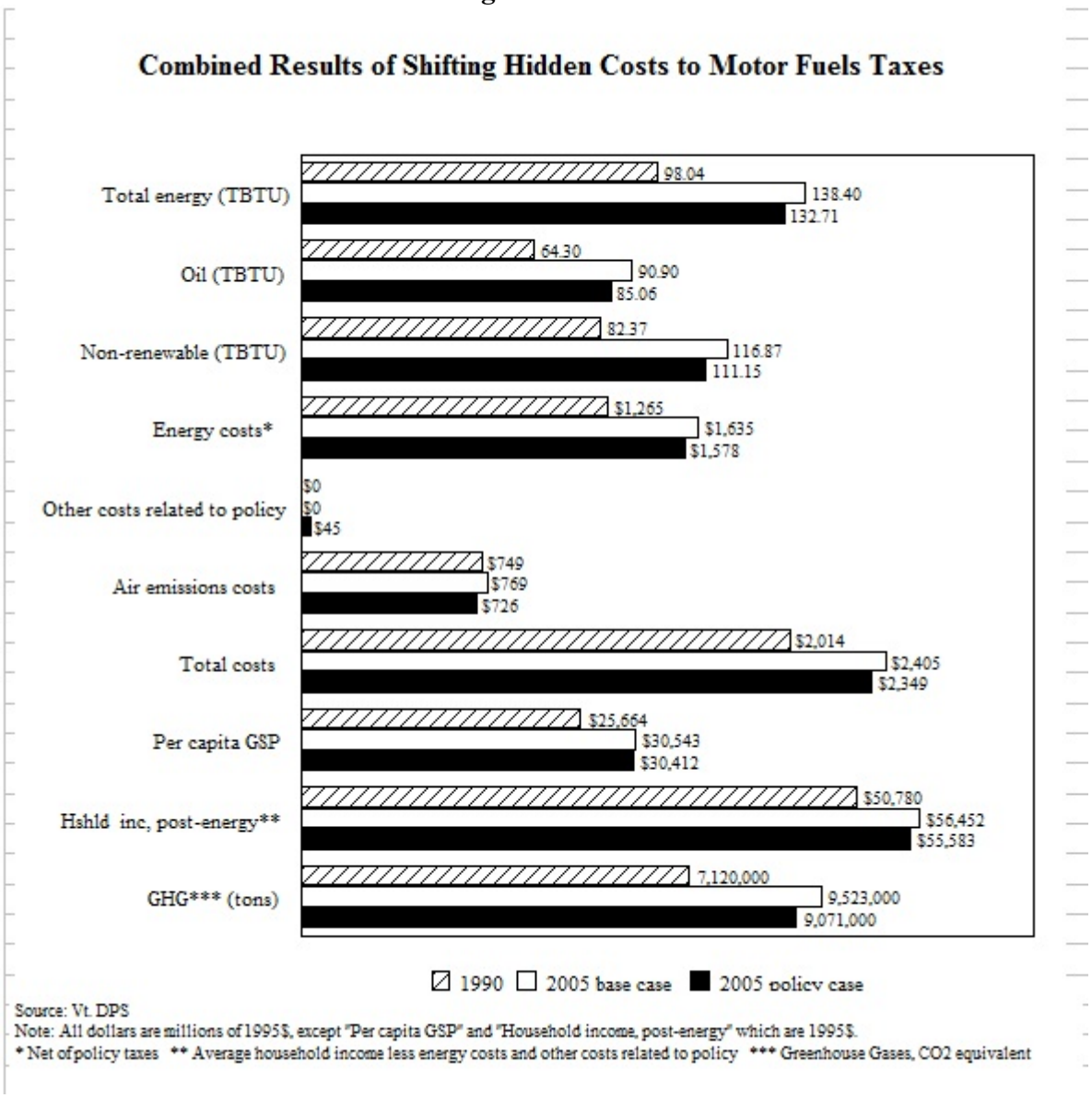
Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.II.19



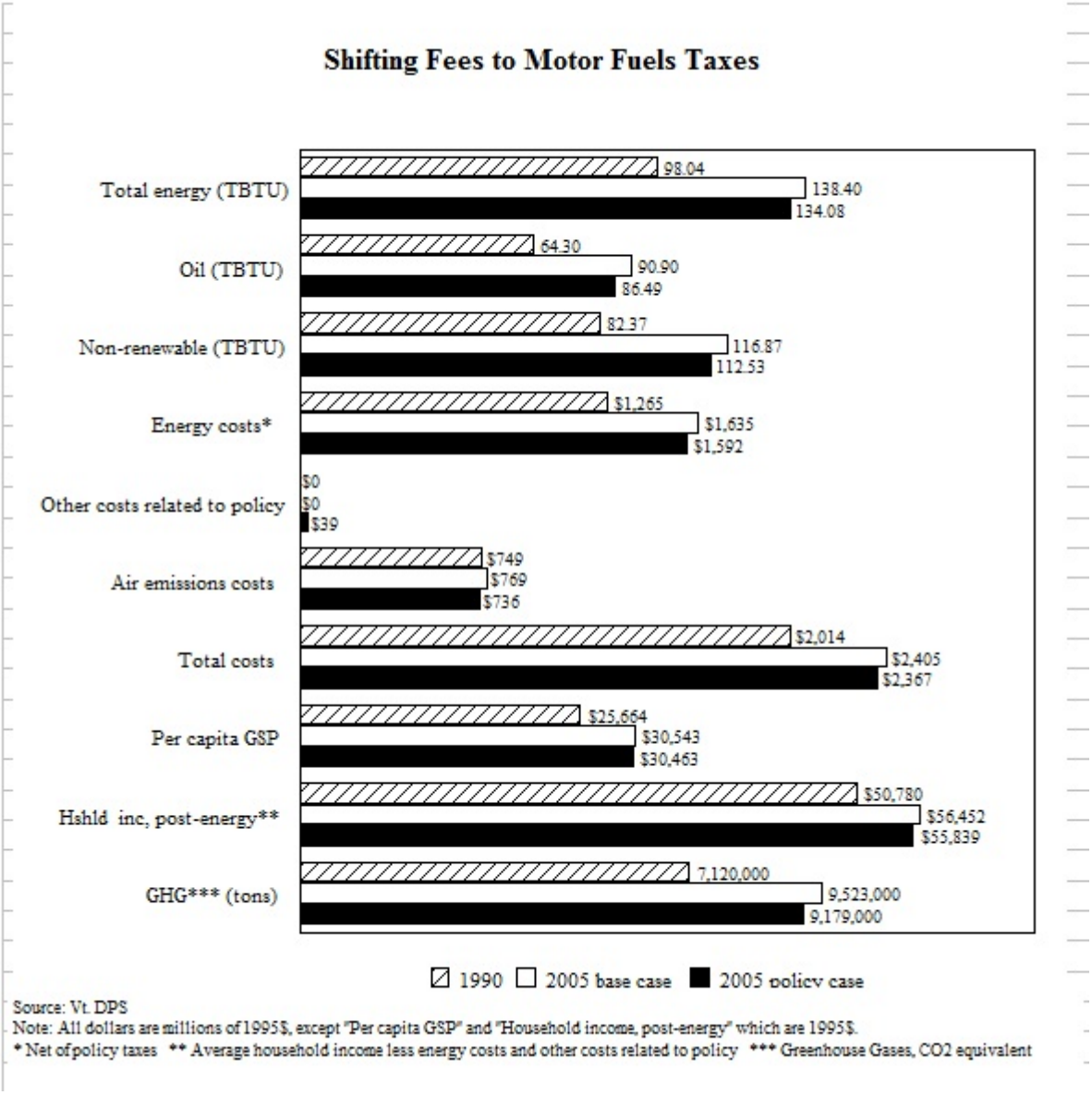
Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.II.20



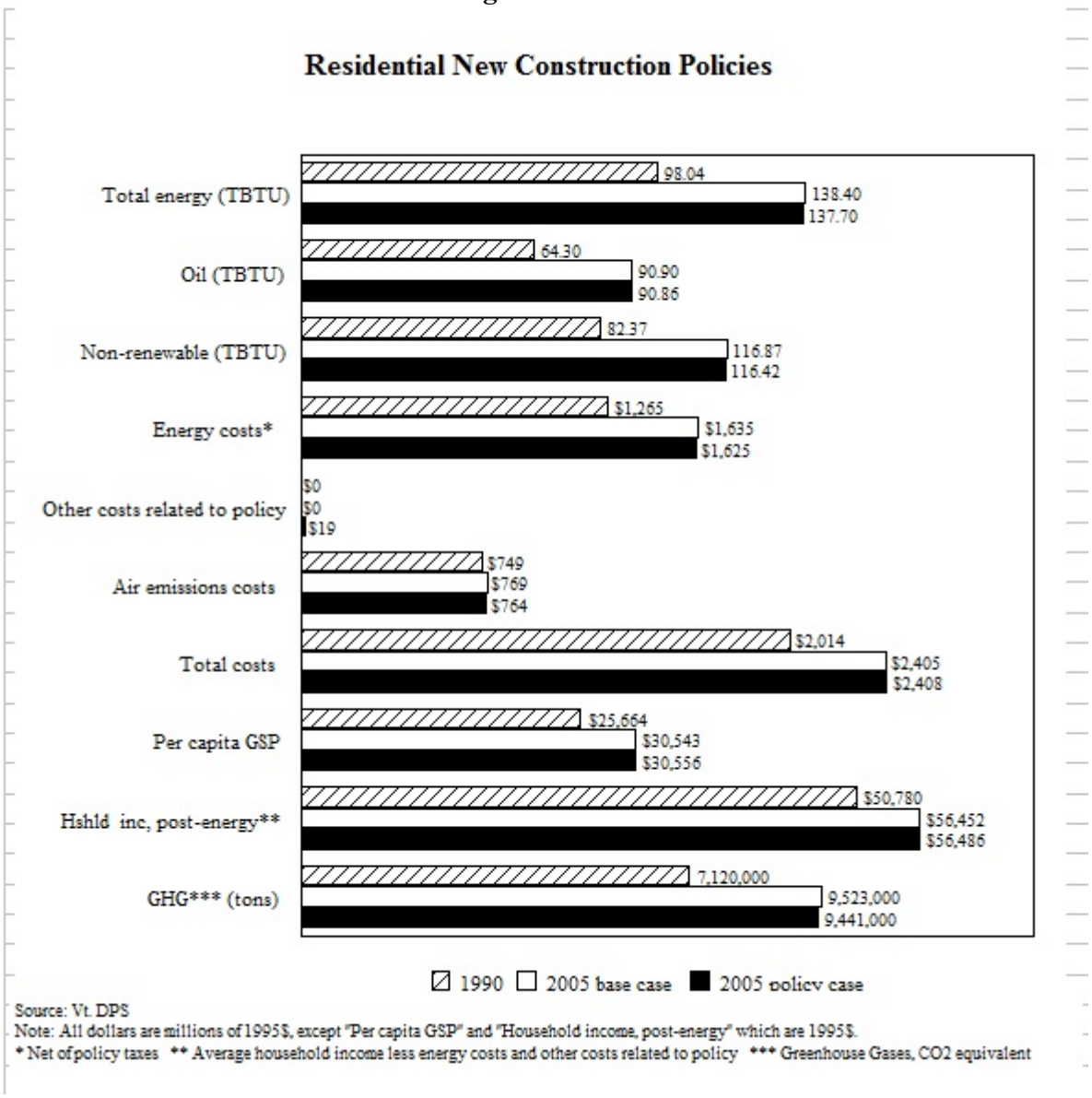
Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.II.21



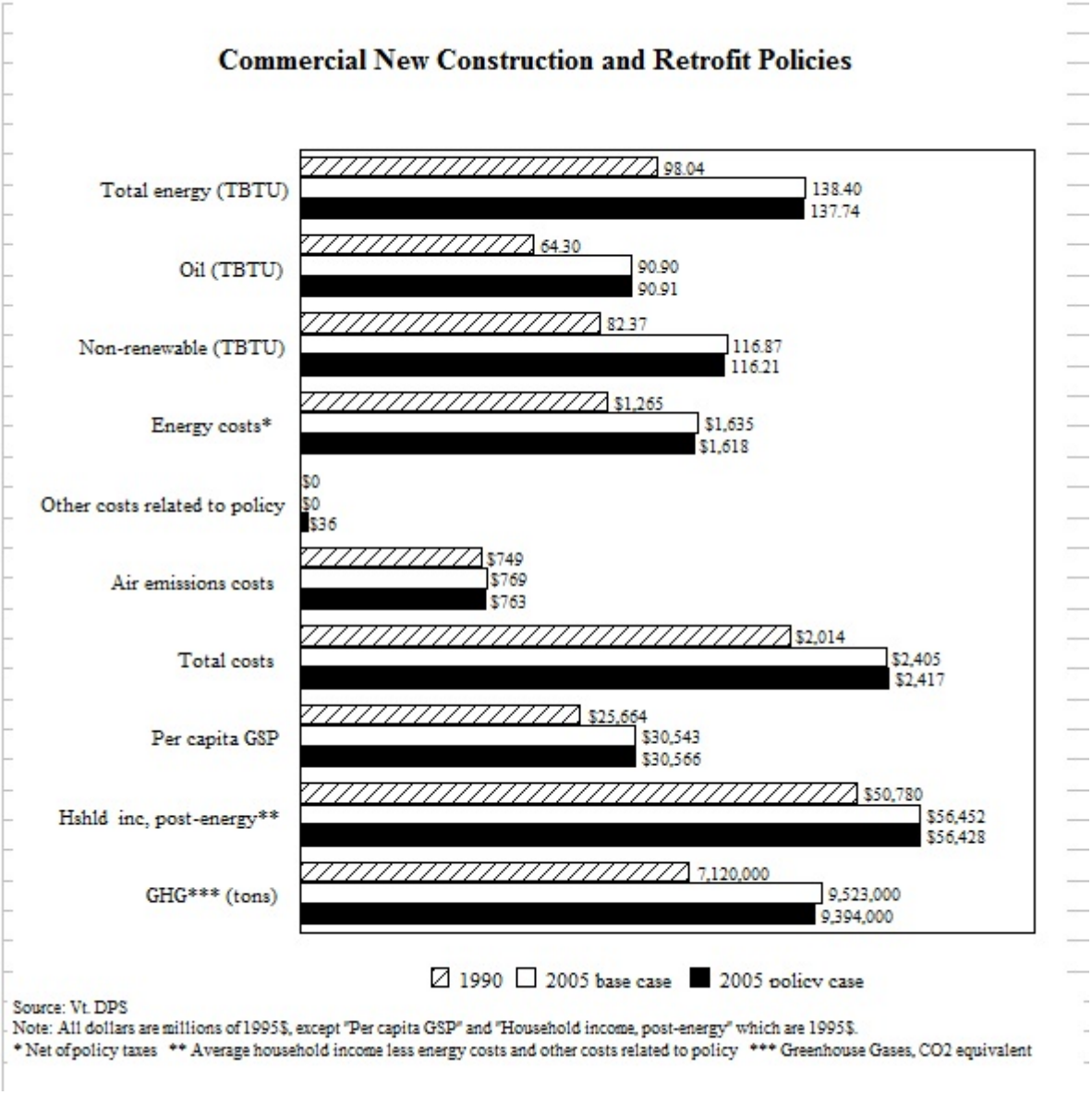
Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.III.1



Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent

Figure 4.III.2



Source: Vt. DPS
Note: All dollars are millions of 1995$, except "Per capita GSP" and "Household income, post-energy" which are 1995$.
* Net of policy taxes ** Average household income less energy costs and other costs related to policy *** Greenhouse Gases, CO2 equivalent