



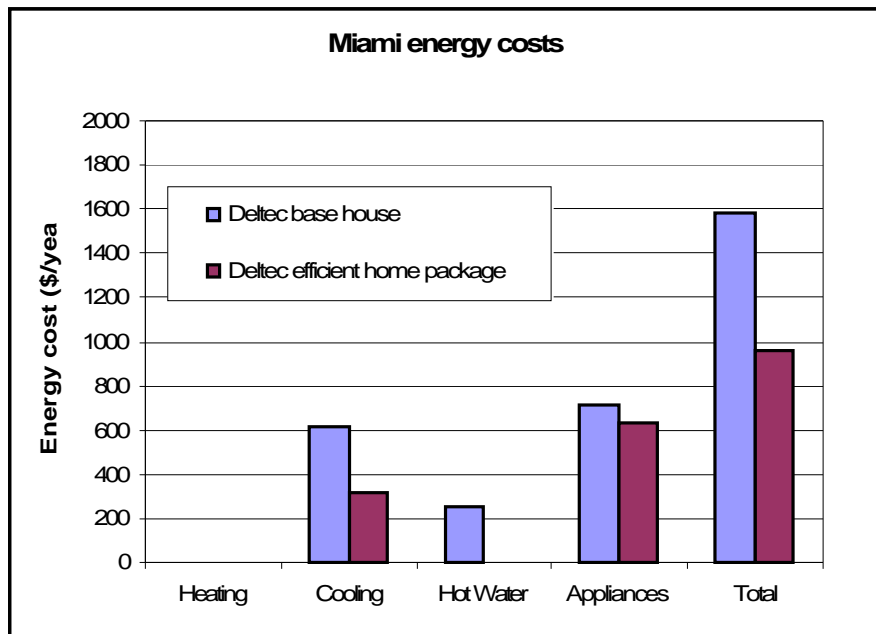
Efficient home packages:

The previous section reported savings for each strategy in isolation. Based on those results, we have selected an “efficient home” package for each climate. The efficiency savings for each strategy are not necessarily additive, so this allows us to show the savings for each package.

Miami:

The Miami efficient home package included the Standard Deltec wall with R-15 foam insulation, R-23 foam insulation at the roof deck, a 16 SEER air conditioner, energy efficient windows, 75% compact fluorescent light bulbs, energy star appliances, and solar hot water.

The Miami efficient home package produces a 40% reduction in overall energy use and cost (\$630 per year). It cuts cooling costs in half, and virtually eliminates hot water heating costs. The size of the air conditioner required for the home also drops by 60%. The figure below shows energy cost for the base home and the efficient home package

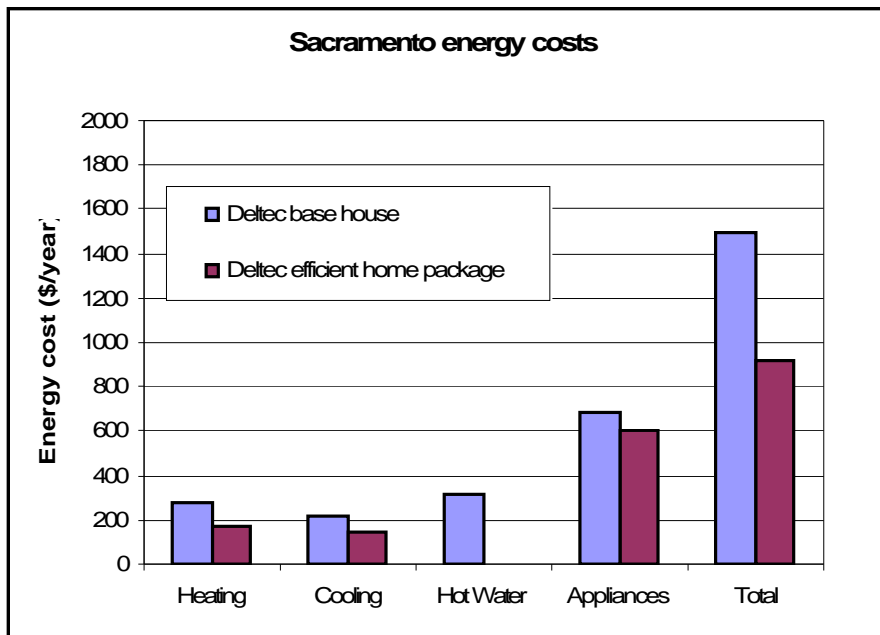




Sacramento:

The Sacramento efficient home package includes the Standard Deltec wall with R-23 foam insulation, R-23 foam insulation at the roof deck, a 16 SEER heat pump with HSPF=9.5, efficient windows, 75% compact fluorescent light bulbs, energy star appliances, and a solar hot water system.

The Sacramento efficient home package also produces a nearly 40% reduction in overall energy use and cost (\$575 per year). It cuts heating and cooling costs by 35%, and virtually eliminates hot water heating costs. The size of heat pump required for the home also drops by 60%. The figure below shows energy cost for the base home and the efficient home package





Cleveland:

The Cleveland efficient home package includes the Deltec Energy Wall with R-23 foam insulation, R-5 rigid foam exterior insulation, R-38 foam insulation at the roof deck, 75% compact fluorescent light bulbs, energy star appliances, a 16 SEER/9.5 HSPF heat pump, and a solar hot water system.

The Cleveland efficient home package also produces a nearly 45% reduction in overall energy use and cost (\$840 per year). It cuts heating and cooling costs by nearly 50%, and reduces hot water heating cost by 90%. The size of the heat pump required for the home also drops by 50%. The figure below shows energy cost for the base home and the efficient home package

