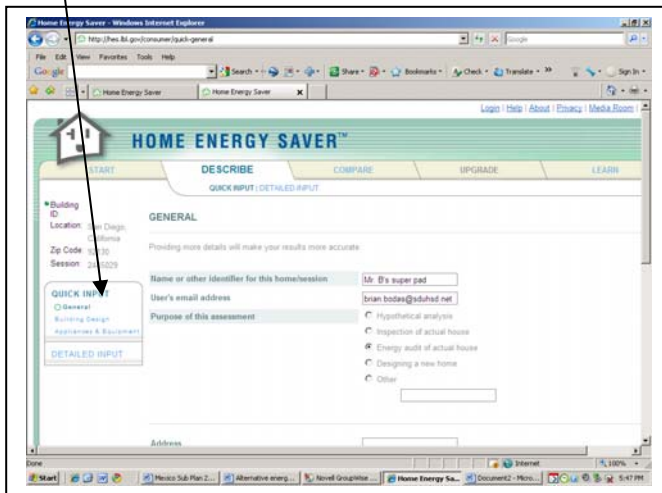


APES Home energy saver activity (home energy audit)

1. Go to the URL <http://hes.lbl.gov/consumer/>
2. Type in your **zip code** ! Click “Go”
3. At the top or side of the Home Energy Saver page make sure you are in the “**quick report**” option. Then, type in your name of residence, your email address, and select the “**energy audit of actual house**”.



4. Fill in the information below such as your address, city, state, people in your household, etc. Select the “**use my local tariff box**” and also select **SDG&E** as your provider and from the drop menu choose the “**DR Domestic Service-Coastal Basic**” option.

City: San Diego
State: California
City with most similar climate to modeled house: San Diego
Year house was built:
People living in the house, by age (enter a number for each):
0 to 5 years: 6 to 13 years:
14 to 64 years: 65 years and older:
Energy Prices:
Electricity: use my local utility tariff.
Piped Natural Gas: 1.27 \$/therm or \$/100 cubic feet
Liquid Propane Gas (LPG): 2.77 \$/gallon
Fuel Oil: 2.94 \$/gallon
Utilities available in your state:
 San Diego Gas & Electric Co
 Southern California Edison Co
 Imperial Irrigation District
Tariffs for Utility:
Select your tariff from the list below:
DR Domestic Service - Coastal Basic
Are you finished customizing this section? Yes No

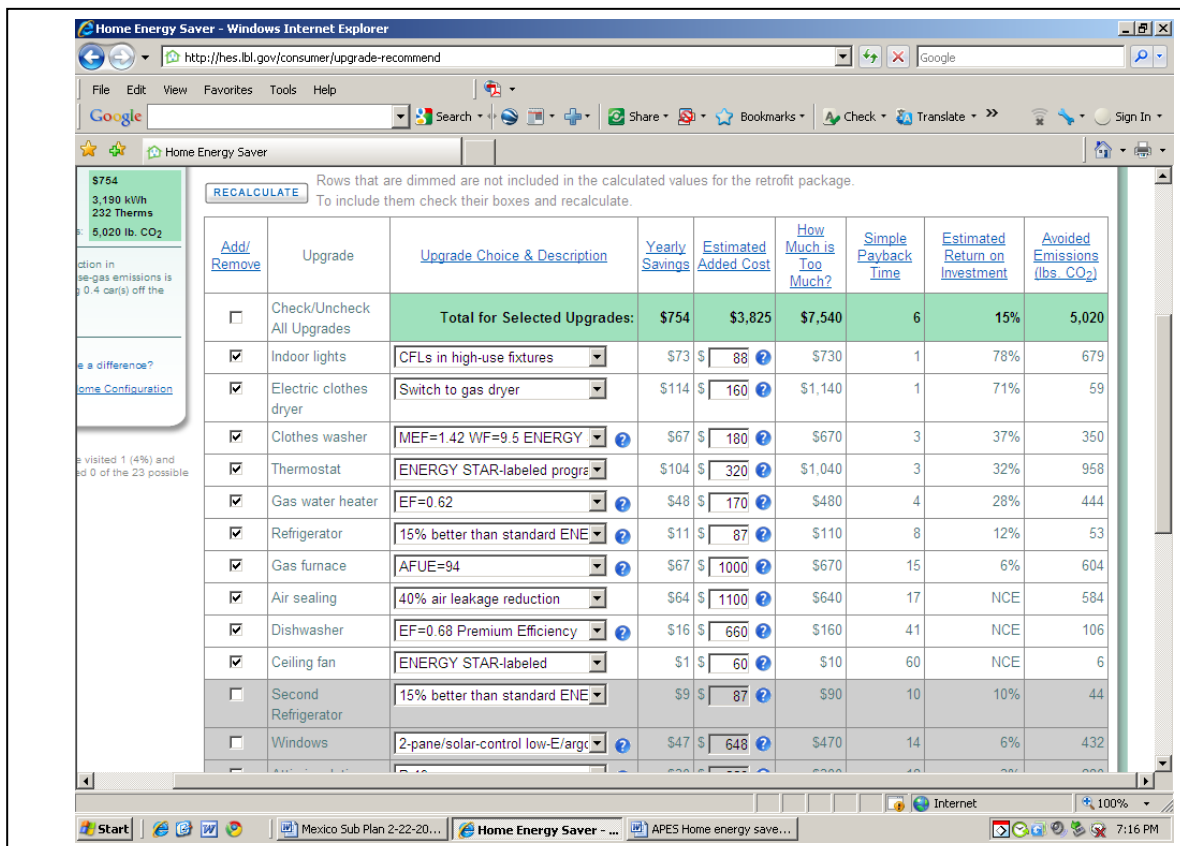
5. Click the “Yes” button where it asks “Are you finished customizing this section?” and click on the next button.
6. Complete the “**Building Design**” section to the best of your ability then click on the “next” button at the bottom right of the web page.
7. Complete the “**Appliances and Equipment**” section to the best of your ability then click on the “next” button at the bottom right of the web page. Click the “Yes” button where it asks “Are you finished customizing this section?”
8. **Click on the Calculate button.** Your summary results should be displayed. **Print a copy.** Also, click on the **details tab** next to summary to see a detailed breakdown of your results and **print a single copy.** *If you want you can print the detailed breakdown on the backside of the summary report.*



9. Look at the initial summary for upgrades, including the yearly savings, estimated costs, etc. Look at the list of “upgrades requiring investment” towards the bottom half of the web page, and **print a copy of the page.**

10. Click on the recommendations link which will take you to a more complete breakdown of potential energy saving options. Make some changes that look interesting to you. You can **click or unclick** various

options including the efficiency level you would like, the payback schedule (the time required to recover the money spent on changes), and you can manipulate the upgrade choice and description via drop down menus. Make at least 5 changes to the recommendations page information, then hit the recalculate button near the top of the page. Once you the recalculation page loads, **print a copy** to compare to the upgrade recommendations summary.



11. That's it. You are officially done with your energy audit of your house. Make sure you have all 4 printouts and staple them together!!