Readme Utilities taxes

Overview:

* utilities\_clean.do (in the raw folder):
  + Import gross production of utilities companies (millions of dollars). Includes production for both household and companies
  + Import OECD NIPA: Needed to calculate the share of production that was for household consumption (millions of dollars)
  + Import housing and utilities expenditures for households, by state. Needed for state variation
  + Generates the following dta-files used by the utilities dofile:
    - “agg\_prod\_cons\_utilities.dta”:
      * Includes the aggregate production and aggregate household consumption of utilities
    - “hh\_utilities\_bystate.dta”
      * Includes housing and utilities expenditures for households, by state.
* utilities.do: Generates taxrates\_utilities\_`year'.dta-files, which includes both tax rates and taxes paid, by income category and state.
  + Generates share of aggregate production that was consumed by households, using “agg\_prod\_cons\_utilities.dta”.
  + Imports tax revenues from public utilities by state, and multiplies it with the share of aggregate production due to households, to find aggregate taxes paid for by households for each state
  + Calculates personal HH expenditures on utilities (millions of dollars), by income category and state
    - Imports CE-tables (shares by income category)
    - Uses hh expenditures by state from “hh\_utilities\_bystate.dta”
    - Combines the two. Now we have both tax revenues and expenditures to utilities paid for by households. We use this to approximate linearized tax rates.
    - Multiply these by CE-table, to get taxes paid per income category, by state.

I did not manage to get the same results as Sarolta. This is likely at least partially because data has been revised since Sarolta downloaded it. See our mail discussion about it here:

