

From: St. Marie, Stephen
Sent: 3/25/2014 10:54:04 AM
To: Dietz, Sidney (/O=PG&E/OU=Corporate/cn=Recipients/cn=SBD4)
Cc:
Bcc:
Subject: S St Marie's Energy Cost Research

Sid,

I am following up on our conversation from last week.

As you know, I am researching how the cost of domestic services have changed over time with the advent of greater efficiency, along with changes in the cost of energy and, just as important, the cost of durable goods that we use to provide those services. As examples, I am reviewing info for household refrigerators and household light bulbs. My analysis is not about the refrigerators or the light bulbs themselves, but rather about the cost of “household refrigerator services” and “household lighting services.”

I am looking at seven historical time periods (1980, 85, 90, 95, 2000, 05, and 10) plus any info I can get for years after 2010. There are many data elements, including information about the refrigerators and the bulbs – how much they cost, how much energy they use, and how long they last – plus the cost of the electric service required to run them.

And that is why I am turning to you. I have been using PG&E’s E-1 tariff to evaluate the marginal cost of electric service. So, for example, I have before me the E-1 schedule filed on December 31, 2013, which I got from the PG&E website. It shows a rate of ~\$0.32 for the third tier, consumption in the range of 131%-200% of baseline. PG&E’s website also includes excel spreadsheet representations of tariffs for 2010 and years back to 2001. So, for 2010, the equivalent rate is ~\$0.29. For 2005, it is ~\$0.18.

I would like to find the best data available for previous periods to the extent available. The CPUC Energy Division, I am reliably informed, has moved all of its records for 2000 and before to some off-site storage location from which they are

difficult to retrieve. (The word “difficult” in that sentence is a euphemism for “Don’t even think about asking!”)

Do you have an idea how difficult it would be to get copies of PG&E’s E-1 tariffs or spreadsheets containing the same information for those selected earlier years? Such authoritative information would lend a great deal of credibility to the results of this analysis. As an alternative, it might be reasonable to use the revenue tables from PG&E’s FERC Form-1 filings for those years, for in those days, PG&E’s residential tariffs had only mild tiering. I am sorry to report that the Energy Information Administration, which used to publish “Stats of Investor-Owned Electric Utilities,” no longer keeps them on line. I am checking to see if FERC still has the information available.

So, my request is: First, would you check on the availability of the tariffs or their representations in tables for the years 1980, 85, 90, 95, and 2000. And if those are not available in a reasonably convenient form, would you check to see if the FERC Form-1 reports are available.

I am spending hours in the library, so it is best to contact me on my cell phone rather than my office phone.

Thanks,

-- Steve

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