Ryan,

Hope you are doing well. Below are the remaining questions I had after completing my review. Looking forward to your other responses.

Best,

Dimitry

Retail Measures sheet:

-          Costs should use 2013 deflator instead of 2012 deflator in U5:U58, yes? Depends on the answer to the RBSA deflator question in my previous email.

This is a bit messy, because CFL costs are from 2012 and Inc/hal costs are from 2013. I think it would be better to use the 2006$ costs (found in sheet “Base Cost” column O) direct on the Retail Measures sheet.

-          Cells BA15 and BA20 should probably not be filled in. They states “no LED cost” while there are very clear measure costs for those bulb models.

Correct. I think that that whole column can be cleared, because we summarize the exclusions on the Retail Summary sheet.

Direct install measures sheet

-          Costs should use 2013 deflator instead of 2012 deflator in S7:S762, yes? Depends on the answer to the RBSA deflator question in my previous email.

Yes, the retail and direct install sheets should be consistent.

-          As a point of interest/making sure that everything is consistent, costs should be incremental (LED -  RBSA cost) for retail measures but not incremental (just LED cost) for direct install measures, correct? Both of these have a 1st cost of negative baseline replacement cost, but I was wondering about the Capital Cost  (Column BF in Retail Measures sheet, Column BE in Direct Install Measures)

Correct. Note that on the Retail Measures sheet, BF5:BF22 (retail delivery mechanism) uses LED Cost – Base Case Cost, and that all other rows (mail by request, give away) use the LED Cost.

-          Why does it say "NEED TO USE BULK COST DATA" in Cells A99:C99 of the "DirectInstallSummary" Sheet? As far as I can tell, the Retail cost data cells from the "LED Cost" sheet are used to map these costs. Why was this comment added if it was not followed? If anything, I would suggest change the range of the lookups for the cost matching table in the DirectInstallSummary from LED Cost!L7:P24 (retail costs) to L83:L100 (direct install costs) for posterity.

That comment was a note to myself. I had initially (incorrectly) set up the worksheet using retail costs (sheet LED Cost, P7:P24). The costs that should be used are the bulk costs (sheet LED Cost, P26:P43). I know, this is confusing now because the values are the same. But they may not be in updates to this workbook. Give me a call if this isn’t clear and I’ll explain it better.

Measure\_InputOutput sheet

-          If measures are ignored (zero savings/costs and not valid) due to lack of data or due to lack of models that exist, why are they still in the MeasureTable (and/or Measure\_InputOutput)? This would remove 396 instances from the Direct Install sheets and 24 from the other data, thereby really paring down the results by  half to represent only those lights that matter instead of having a large amount of empty space and clutter. I understand the need to reserve space for possible future lumen models, but would suggest to at minimum add a filter to the MeasureTable to show only valid measures (i.e. filter out all measure lifetimes of “0.0”).

 Adding a filter to the MeasureTable would make sense. But the ignored measures should be kept in the workbook because it’s much simpler to cover the whole grid of possible measures than to manually pick out all of the complete measures or come up with sophisticated coding to do this.

Summary:

-          For baseline descriptions, mail-by-request and give-away baselines were the same as that for retail. Would you agree with adding mail by request and give away to Cell G46 and H46? Also, isn’t the capital cost baseline for mail and give away measures “Current Practice” like retail, instead of “pre-condition” like direct install measures? This would require adding the mail and give away mechanisms to cell A73 and deleting them from A74.

Agreed.

Disagree about capital cost baseline, though. Mail-by-request, give-away, and direct install lamps are assumed to replace existing, functioning lamps (pre-condition). Retail lamps are assumed to replace burnt out (non-functioning) lamps (i.e. current practice baseline).

General:

-          By the RTF Staff identified concern of “Cost, savings and life weightings done correctly and track measure applications”, I took it to mean a request to review all calculations and how they progressed from sheet to sheet (from raw data to measure table) for correctness, which is of course what I did during my review. Just wanted to bring this up to make sure that I interpreted your concern correctly and covered it.

Yes, you’re on the right track. Nice work!