
From: [REDACTED S40]
Sent: 06 July 2011 15:33
To:
Cc: [REDACTED S40]
Subject: RE: DIMPSA v 3.16

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Yellow Category

Hi [REDACTED S40]

I will send you a new back-up [RS41] that fixes the power savings, energy savings and the payments issues.

[REDACTED S41, S43]

The query used is then pasted below:

[REDACTED S41, S43]

Kind Regards

[REDACTED 540]

From: [REDACTED 540]
Sent: 06 July 2011 10:49
To:
Cc: [REDACTED 540]
Subject: RE: DIMPSA v 3.16

Hi [REDACTED 540]

I've reran the model using the new query and it now picks up multiple energy payments. Thanks.

Just to expand on my second point on how consumption savings and energy payments are calculated for FiTS measures. The consumption savings I get from the model for these measures are:

[REDACTED 543]

These are different from the numbers in the Look_up tables and I'm not sure where they come from.

However, my first point on savings is more of a priority. I would like to do some analysis of GD/ECO impacts (including loan calculations) later this week and was wondering if it would be possible to get an updated version/query with the correct savings calculations in time for this.

[REDACTED 540]

From: [REDACTED 540]
Sent: 05 July 2011 17:09
To: [REDACTED 540]
Cc:
Subject: RE: DIMPSA v 3.16

[REDACTED 540]

The following query should replace the one you're using and fixes the energy payment issue.

All the best

[REDACTED 540]

From: [REDACTED 540]
Sent: 05 July 2011 12:59
To:
Cc: [REDACTED 540]
Subject: RE: DIMPSA v 3.16

[REDACTED 540]

Thanks for this and the chat yesterday. It turns out the short-cut was running the wrong version of the model.

I've now ran the latest version and it seems to have worked great. I repeated the exercise of using the 'Tracking History' query to try and follow what impact the various measures and interventions have and am starting to understand the model more thoroughly. In fact I'm able to work out the calculation for most of the impacts. However, there are still a few things I can't work out. Please see attached spreadsheet.

<<Example HouseIDs - Updated.xlsx>>

I appreciate you may not be able to recreate the exact calculations I'm looking for – but in case it works I ran the model with:

[REDACTED 543]

- The rest are standard default settings I think

To summarise the issues identified in the spreadsheet are:

- Most importantly, I think the savings estimates (used in the loans calculation) is incorrect. The numbers I get are very different from what I think they should be and in some cases are negative despite a reduction in consumption. This will have a knock on effect for the loan calculations.

[REDACTED 543]

- Where more than one (RHI or FITs) measure is installed. The energy payment seems to only picking up one of the measures.

Other than this I can now see where the other calculations are coming from and thanks for your help in addressing the points in the previous spreadsheet.

If you could take a look at these three things and get back to me, that would be great. Thanks.

[REDACTED 540]

-----Original Message-----

From: [REDACTED 540]

Sent: 04 Julv 2011 11:46

To: [REDACTED]

Subject: RE: DIMPSA v 3.16

[REDACTED S40]

[REDACTED S41, S43]

[REDACTED S40]

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[REDACTED S40]

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From: [REDACTED S40]

Sent: 04 July 2011 10:38

To: [REDACTED S40]

Subject: RE: DIMPSA v 3.16

Thanks [REDACTED S40]

I'll call as suggested.

As well as the below, could you talk me through:

- Working out the savings figures on ECO/GD measures.

- Is the savings figure correct for households that receive both a ECO and GD measure for both - I think it may only be picking one of the effects?

- How does comfort taking effect the savings figure, if at all

- How the loan amount and loan period is worked out

- [REDACTED S43]

Also, I suspect there was a problem with my installing the new version so might be worth deleting existing files and redoing with your help.

Anyway we can talk later. Thanks.

[REDACTED S40]

From: [REDACTED S40]

Sent: 04 July 2011 10:12

To: [REDACTED S40]

Cc:

Subject: RE: DIMPSA v 3.16

Hi [REDACTED S40]

I am not getting this behaviour with the files set to you [REDACTED S41]

Suggest you call me on [REDACTED S40] between 11 - 12 today

Regards

[REDACTED S40]

From: [REDACTED S40]

Sent: 01 July 2011 14:49

To: [REDACTED S40]

Cc:

Subject: RE: DIMPSA v 3.16

[REDACTED S43]

[REDACTED S40]

Thanks for comparison. It's good to know the data sets are close.

[REDACTED S43]

I checked the references in the [REDACTED S43] file and they are correct. (I'll have another look at this and it might work if I delete past runs but I have the outputs for now so this is not a priority).

One further issue that is more worrying is that there are now no FIT or RHI measures distributed in either [REDACTED S43]. This was not an issue in the previous version. I wonder whether something needs to be switched back on given I assume the savings calculations associated with these measures has been updated?

[REDACTED S40]

From: [REDACTED S40]

Sent: 01 July 2011 14:12

To: [REDACTED S40]

Cc:

Subject: RE: DIMPSA v 3.16

Hi [REDACTED S40]

The loans for function for combined policies needs to be run on that model run (where they are specifically done as one), where as a single policy can only be selected from the overall run [REDACTED S41, S43]

The outputs are going to the wrong folder as you need to change a reference in either the [REDACTED S41, S43] file.

In the tracking query you need to change the where clause to [REDACTED S41, 43]

Please find attached a spreadsheet showing LCF DIMPSA vs. DECC NEED, reassuringly close to actual meter point data!

All the best

[REDACTED S40]

From: [REDACTED S40]

Sent: 01 July 2011 14:01

To: [REDACTED S40]

Cc:

Subject: RE: DIMPSA v 3.16

Hi [REDACTED S40]

I ran version 3.16 today (for the 2009 data). [REDACTED S43]

However, a few issues arose when it came to look at the data:

- The outputs [REDACTED S43] went to the old outputs folder in the 20110524 folder not the most recent one
- [REDACTED S43]

I'll continue to look at outputs but would be grateful for any quick thoughts or help with the above.

[REDACTED S40]

-----Original Message-----

From: [REDACTED S40]

Sent: 29 June 2011 12:27

To: [REDACTED S40]

Subject: DIMPSA v 3.16

Hi [REDACTED S40]

On a separate note. I have a version for you but I am working at home
[REDACTED S40] I will try and upload [REDACTED S41] later
today or first thing tomorrow.

Things to note:

[REDACTED S41, S43]

*

*

*

The ECO measures and costs have changed as I added some gas boilers in the early years (as the total policy costs went down from CERT to ECO which seemed a shame i.e. when we can get some boilers in as a transition to the ECO perhaps?)

All the best

[REDACTED S40]

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From: [REDACTED S40]

Sent: 29 June 2011 11:15

To: [REDACTED S40]

Subject: RE: Calculating individual household consumption

Thanks [REDACTED S40]

That's very clear.

[REDACTED S40]

From: [REDACTED S40]

Sent: 29 June 2011 11:04

To: [REDACTED S40]

Subject: RE: Calculating individual household consumption

Hi [REDACTED S40]

You're quite right that the nature of the LCF survey is such that the recorded expenditure (and therefore our derived energy consumption values) will depend on the time of year surveyed and the level of expenditure during the survey period (although, in fact, expenditure on utilities - classed as bulk, lump sum payments - is actually recorded during the interview - households are asked how much their last bill/direct debit was; it is only pre-payment meter expenditure that is recorded in the 2-week diary. But obviously the former will still be affected by time of year). This approach results in an erroneously wide distribution across the dataset, but, again as you observe, the extreme high and low values will balance out to give an accurate estimate of mean expenditure at the dataset level.

However, as DIMPSA needs a valid baseline consumption and energy bill total for each household, we allow for this by

[REDACTED S41, S43]

I hope this makes sense - please let me know if you need any further info.

Best wishes,

[REDACTED S40]

From: [REDACTED S40]

Sent: 29 June 2011 10:14

To: [REDACTED S40]

Cc:

Subject: Calculating individual household consumption

Hi [REDACTED S40]

A quick general question on DIMPSA.

[REDACTED S43]

Thanks

[REDACTED S40]

Climate Change | Tel: [REDACTED S40] | Department of Energy and

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