



Demand Estimation Sub Committee

4.3 Ad Hoc Work Plan Item 3 - Review of DESC Meeting Material

5th October 2022

Recap - Autumn/Winter 22/23 - Ad hoc Work Plan Item 3 - Proposal

- Review of existing meeting material (documents, presentations, charts, tables, statistics etc.) shared with DESC and TWG during the year to
 - ensure the output remains informative and engaging to DESC (and the wider industry)
 - assess whether there are more efficient ways of presenting the analysis e.g. executive summary presented to DESC and supporting document containing the detailed analysis (rather than all packaged in one presentation) ?
 - ensure we are fully exploiting the functionality available to us in the Demand Modelling system
- We will share ideas we have on this during the next few DESC meetings but we do welcome your feedback on this, we have added an extra question on this matter as part of our annual DESC survey
- Expect to report at October, December and March DESC meetings with any proposed changes / recommendations in place for Spring 2023

What do we suggest?

1. Improve the pre-read meeting material

- This will make it easier for members unable to attend to provide input on decisions
- DESC attendees will be better informed prior to the meeting and can raise any questions they may have in advance, giving DE time to investigate where necessary
- This will streamline the live meeting content making the meeting shorter and more engaging

Scope

- Whilst all meeting content will be reviewed, particular attention will be paid to the following. These are all annual meetings with a lot of data content
 - Sample data review in April
 - Modelling Review in May
 - Demand Profile review in July
 - Model Performance Review in December

What do we suggest?

2. Improve the live meeting material

- Make the meeting more engaging to attendees
- Clearly display relevant information when decisions are needed

Results – Small NDM: 02BND Summary

Option 1 - North South split

- R² values are between 93.1% and 96.5%
- R² values are Generally better for Northern LDZs
- North South grouping has been the selected option in recent years.
- ILF values are around 3 percentage points lower for the Northern LDZs and around 4 percentage points higher for the Southern LDZs

Option 2 – National

- R² values are between 93.1% and 96.7%
- R² values are Generally better for Southern LDZs
- ILF Values are similar to previous years (+/- 1.5 percentage points)
- It is generally preferential to have Geographical based groupings over National Aggregations

Correla Recommendation

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percentage points)

ts – Small NDM: 02BND Summary

LDZ	R-squared				Sample Size				ILF			
	2019/20	2020/21	Option 1	Option 2	2019/20	2020/21	Option 1	Option 2	2019/20	2020/21	Option 1	Option 2
SC	93.3%	85.0%	92.5%	92.8%	95	95	100	156	35.3	37.2	38.0	48.0
NO	86.1%	91.7%	96.6%	96.8%	97	91	100	156	32.5	34.8	39.0	49.0
NW	90.0%	94.2%	91.0%	91.9%	99	99	100	156	32.7	38.0	37.4	47.4
NE	88.7%	85.0%	90.0%	92.0%	97	97	100	156	35.2	36.3	35.4	45.4
EM	93.4%	85.8%	90.0%	90.0%	97	95	100	156	35.9	35.3	33.4	43.4
WM	93.1%	92.1%	90.0%	91.6%	95	95	100	156	31.2	38.6	30.2	40.2
WN	90.6%	91.2%	87.6%	87.6%	99	99	56	156	38.2	36.2	38.7	48.7
WS	92.5%	88.4%	99.9%	99.9%	97	97	56	156	34.0	37.1	31.2	41.2
EA	87.4%	92.5%	99.1%	90.0%	99	99	56	156	37.1	39.9	34.0	44.0
NT	85.6%	89.9%	95.2%	85.0%	97	97	56	156	34.0	38.4	30.6	40.6
SE	89.4%	91.7%	99.4%	80.0%	98	98	56	156	33.0	33.3	33.3	43.3
SO	85.6%	85.4%	91.0%	80.0%	98	98	56	156	37.4	37.6	35.9	45.9
SW	85.3%	90.2%	97.5%	80.0%	98	98	56	156	34.1	33.7	32.9	42.9

Next Steps

- We will pull together some suggestions regarding content and present back at the next DESC meeting
- Where improvements will not change the content, merely the appearance, we will implement the changes immediately