<table>
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<tr>
<th>Item</th>
<th>Time</th>
<th>Lead</th>
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<tbody>
<tr>
<td>Welcome and overview of recommendation 3</td>
<td>20 mins</td>
<td>ESC</td>
</tr>
<tr>
<td>Session 1 – fact sheet obligations</td>
<td>60 mins</td>
<td>ESC, breakout discussions</td>
</tr>
<tr>
<td>Session 2 – developing typical customer usage profiles</td>
<td>30 mins</td>
<td>ACIL Allen</td>
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<tr>
<td>Final questions and wrap-up</td>
<td>10 mins</td>
<td>ESC</td>
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Timeframes

Dec 2018

Feb 2019

April 2019

High-level consultation

Technical consultation
Fact sheet obligations

Breakout discussions
## Questions for discussion

<table>
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<tr>
<th>Question</th>
<th>Current national approach considerations</th>
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| 1. Should fact sheets be available for small business and residential customers? | • BPIDs available for residential and small business customers  
• Comparison tool only on residential customer fact sheets |
| 2. How would consumers identify the factsheet that is applicable to them (including plan IDs)? | • No specific obligations, but note that BPIDs currently have a plan ID shown |
| 3. When should retailers upload plan information into Victorian Energy Compare (VEC), and when should their factsheets be publicly available? | • BPIDs to be made available within two business days of an offer becoming available to customers |
| 4. Should there be a date reference (either offer start or expiry date) included in the factsheet? | • At retailer discretion  
• Fact sheets include an “Effective from” field in the factsheet section |
VICTORIAN ENERGY FACT SHEETS

USAGE PROFILES – PROPOSED METHOD AND ISSUES

PRESENTERS:
JEREMY TUSTIN
TIM WETERINGS

LOCATION
ROBERT BURKE ROOM
BATMAN'S HILL ON COLLINS
MELBOURNE
OVERARCHING PRINCIPLE – FOLLOW AER/ RPIG

Implement AER/ RPIG approach where possible

Unless we can significantly improve:

- Accuracy – making the profiles better explain differences between households
- Interpretability – making the profiles easier to understand

Accuracy in the fact sheet profiles means

- Valid basis for comparing between tariff offers
- Even if not accurate predictor of annual bill

Interpretability in fact sheet profiles means

- Intuitively appealing for users
BPID based on analysis underpinning Energy Consumption Benchmarks (ACIL Allen, 2017)

BPIDs profiles are

- Distinguished (only) by h’hold size, 1, 2-3, 4+ pax
- Aggregated to Peak, Off Peak, Shoulder time blocks as per standard definition
- Produced for climate zone – unique for each postcode
- Residential only

BPID profiles do not vary/ account for

- Solar
- Green Power
- Concessions, bonuses, discounts
BPIDs show different numbers for S, M, L households
(1, 2 or 3, more occupants)

Is H’Hold size the ‘best’ descriptor?
Our past experience shows that # people in H’hold is reasonably accurate descriptor – top 2 or 3
Intuitively and AER’s experience indicates that H’hold size is intuitively appealing

Preliminary view is to:
remain with H’hold size
Retain three profiles
examine whether AER groupings are ‘sufficiently accurate’ (inaccurate enough to warrant changing away)
AGGREGATION

EME ‘back end’ contains aggregate usage:
- Peak, Shoulder, Off Peak, Controlled load
- Each time block is assumed to have a ‘standard’ definition

This makes it impossible to account for:
- More periods (or fewer)
- Different cutover times

With high penetration of smart meters this is a risk

Preliminary view is that
- back end will be at half hourly resolution
- Retailers won’t experience this directly
BPIDs are:

- ‘defined’ by climate zone & State/Territory
- Mapped to postcodes

Preliminary view is to:

- Define profiles by Climate zone

Side issue:

- Not currently clear how BPIDs account for more than one DUOS tariff per postcode
- No reason to think profiles vary by DNSP within a postcode, so not a consideration in profile development
RESIDENTIAL AND/OR BUSINESS PROFILES

- BPID profiles are residential
- Vic profiles will be residential only
There is intuitive appeal in providing different profiles for customers with solar and controlled load

Also some other variables (gas)

Analytically, these are not the ‘next’ variables you would add to give the most accurate model

The argument for adding them is based on intuitive appeal

Preliminary view is

Not to add additional variables
Some customers have controlled loads

- Query – is it possible for a customer who does not currently have a controlled load tariff to move onto one?
- Query – is it possible for a customer who does currently have a controlled load tariff to move off one?

BPID for controlled load tariffs

- Account for controlled load usage separately
- Report (retain) the same total usage given h’hold size

Preliminary view

- Provide means to compute controlled load cost separately
- Freedom for total usage to differ btw controlled load and ‘non’ customers
Any questions?
## Contact us

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