

MINUTES

MEETING: MLF round table Melbourne
 DATE: Thursday, 21 July 2016
 TIME: 13:00 – 14:30 AEST
 LOCATION: AEMO Melbourne Office/Teleconference

ATTENDEES:

| NAME | COMPANY / DEPARTMENT |
|-------------------|--------------------------------|
| Prajit Parameswar | Hydro Tasmania |
| Ben Hayward | Energy Australia |
| Ryan Jennings | Pacific Hydro |
| Jack Anderson | Engie |
| Andrew Godfrey | Engie |
| Gavin McMahon | Central Irrigation Trust (CIT) |
| Kong Min Yep | AGL Energy |
| Kevin Ly | Snowy Hydro |
| David Headberry | Major Energy Users |
| James Lindley | AEMO |
| Ramitha Wettimuny | AEMO |
| Ryan Burge | AEMO |
| Mark Stedwell | AEMO |

Issues from the round table discussion noted below.

Each issue is categorised by the type of consultation required to make the change. The categories are:

- **Informal** – a number of issues have been raised that can be addressed without going through a National Electricity Rules (NER), or a National Electricity Law (NEL) defined consultation.
- **Methodology Change** – changes to the Methodology for Calculating Forward-Looking Transmission Loss Factors require AEMO to follow the consultation procedures as set out in clause 8.9 of the NER.
- **Rule/Framework Change** – changes to the NER must be done through the process described in Part 7 of the NEL.

| Issue | Change Category | Discussion |
|--------------------------------|-----------------------|---|
| Impact of MLFs, and volatility | Rule/Framework Change | <ul style="list-style-type: none"> • MLFs tend to result in revenue over recovery in the market, with positive intra-regional residue being returned to customers based on reduced TUOS charges. Since the basis of revenue is |

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| | | <p>different, customers who pay higher marginal losses are disadvantaged.</p> <ul style="list-style-type: none"> ○ Over recovery not being returned to customers is not fair ● Customers located near Interconnectors are impacted since they are exposed to marginal losses due to Interconnector flows. <ul style="list-style-type: none"> ○ Can MLFs be distributed across a single region to share the pain? Are VTNs a potential solution for such customers near Interconnectors? ● Is the MLF process fit for purpose under these circumstances? ● Are NEM objectives being met with highly volatile MLFs? Are price signals correct due to this? ● Should there be a cap/floor for MLFs to limit exposure for long term investment certainty? <ul style="list-style-type: none"> ○ Forecast these numbers over a number of years will provide security for current and potential participants |
| Case for change | Informal | <ul style="list-style-type: none"> ● Some stakeholders broadly supported the current methodology and did not see a compelling reason to modify it ● Most stakeholders were supportive of a single MLF for a connection point for an entire year (as opposed to dynamic loss factors) ● Sensitivity studies or back casting should be carried out to understand what should be changed |
| Generation Data | Methodology Change – 5.4 | <ul style="list-style-type: none"> ● Current Methodology, generators can provide alternate forecast due to misrepresentation of historical data (physical reasons only) <ul style="list-style-type: none"> ○ Is there an opportunity for all generators to provide an honest generation forecast? ○ Should MT PASA energy limits be used in the process? |

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| <p>Generation Supply forecasting</p> | <p>Methodology Change – 5.5</p> | <ul style="list-style-type: none"> • Why is energy-limited generation treated differently (i.e. dispatched last)? • Can AEMO use ESOO generation forecast for use in MLF calculation? <ul style="list-style-type: none"> ○ To check accuracy, check ESOO forecasts over a number of years against actual generation |
| <p>Transparency of information</p> | <p>Informal</p> | <ul style="list-style-type: none"> • Early consultation on MLF results would aid stakeholders in forward planning/risk management <ul style="list-style-type: none"> ○ On the right track with prelim numbers at NEMW-CF ○ Earlier than March would be ideal • AEMO should calculate back cast MLFs and present/explain differences <ul style="list-style-type: none"> ○ Show evidence the process is working ○ Highlight incorrect assumptions ○ Calculate ‘actual’ MLFs as well as using actual data in model |