

## Meeting Minutes – April 8, 2014

Time: 9:30 am to 3:00 pm

Location: AESO Offices, 2500, 330 5th Ave SW; 25th Floor; Room 2539 or via Conference Call

Attendance List:

Attended	Name	Company	Email
X	[REDACTED]	AESO	[REDACTED]
	[REDACTED]	AESO	[REDACTED]
X	[REDACTED]	AESO	[REDACTED]
X	[REDACTED]	AltaLink	[REDACTED]
X	[REDACTED]	AltaLink	[REDACTED]
X - CC	[REDACTED]	EPCOR	[REDACTED]
	[REDACTED]	ENMAX	[REDACTED]
X	[REDACTED]	ENMAX	[REDACTED]
	[REDACTED]	ATCO Electric	[REDACTED]
	[REDACTED]	ATCO Electric	[REDACTED]
	[REDACTED]	ATCO Electric	[REDACTED]
	[REDACTED]	TFCMC	[REDACTED]
X	[REDACTED]	UCA	[REDACTED]

CC = via Conference Call

### 1 Review of Needs List

- AESO ([REDACTED]) started the meeting by informing the WG that he has compiled an up-to-date version of the rule and ID. [AESO] also advised the WG that CSA has requested use of the AESO's weather maps. he is currently waiting to hear back from AESO legal in regards to the permission that was requested by CSA to include the maps with their next revision.
- Item 40 & 56: Update ID on Optimization – AESO ([REDACTED]) will find out what the acronym EDC stands for and then will enhance the ID as needed. [AESO] will also verify parameters within the ID for optimization. Item 40 is complete and item 56 will be edited and carried forward.
- Item 64: Review of 240kV 100C Requirement – AESO ([REDACTED]) provided an update to the WG. The scope has been finalized but the work hasn't yet started. [AESO] committed to have the work finished in June. The WG requested that the scope be sent out. They also requested the other scopes be sent out as well. ACTION: [AESO] to send out the work scopes to the WG. Item 64 carried forward.
- Item 66: Transferring revisions to the ID – ACTION: AESO ([REDACTED]) let the WG know that he has done this and will send out the WG.
- Item 67: Radial Lines – AESO ([REDACTED]) to send out the work scopes to the WG.
- Item 68: AESO Regional Plans – AESO ([REDACTED]) gave an update to the WG. AESO regional plans have been approved internally but are not yet posted. However, [AESO] has provided them to [AESO]. [AESO] will put together a summary. ACTION: [AESO] to send out the work scopes to the WG as well as add target completion dates.
- Item 69: Item declared complete.
- Item 70: Item declared complete.
- Item 71: Line Optimization/ACSS in the ID – The WG reviewed [UCA]'s additions/revisions regarding section 12, Line Optimization. AltaLink ([REDACTED]) brought forward a concern regarding use and interpretation of this section; routing and final award is a series of compromises to the optimal solution.

	<p>The WG discussed this at length. ACTION: [AltaLink] will propose new language at the next meeting.</p> <ul style="list-style-type: none"> <li>Item 72: Underutilized Angle Towers in the Rule – UCA ( ) presented his proposal to the WG. The WG discussed and made revisions including the addition of “deadend” towers; not just angle towers. Item 72 declared complete.</li> <li>Item 73: Right of Way Width. – Still some disagreement among committee members on how this should be addressed in the AESO rules; if at all. Item carried forward.</li> <li>Item 74: AltaLink’s Definition of Waterfowl in regards to removal (or marking) Overhead Shield Wire - Item carried forward as ATCO was not present at this meeting; ATCO to investigate applicability to their operations.</li> <li>Item 75: Galloping – AESO ( ) presented his preliminary findings with regard to the analysis he conducted. Preliminary findings show that the Havard galloping proposed in the AESO 502.2 does not appear to govern tower dimensions; they are fixed by other considerations. This may be particularly true if inter-circuit vertical spacing is specified under ice-unloading conditions.</li> </ul> <p>ACTION: [AltaLink] will discuss this issue with [AltaLink] at AltaLink.</p> <p>ACTION: [AESO] will do the analysis again with RC, RA, REA ellipse and CIGRE ellipse.</p> <p>ACTION: [AESO] will draft wording to request TFOs to investigate operational experience with outages induced by ice unloading on transmission lines and send it out.</p>
2	<p>Other Items:</p> <ul style="list-style-type: none"> <li>The WG reviewed modifications that have been proposed to the rule and ID so far. The WG agreed on a few changes. UCA ( ) brought forward the comment that there is now a new version of ICES-004 and the WG should ensure this is noted where applicable in the rule &amp; ID.</li> </ul> <p>ACTION: [AESO] to revise the ID regarding shield wire.</p> <p>ACTION: [AESO] to update section 19 with [EPCOR]’s proposal.</p> <p>ACTION: [AESO] to propose wording on section 21.6 for exemption of insulator strength on slackspans and bring to the next meeting.</p>