Feedback Form

Northwest Regional Electricity Planning – Webinar #4 held on November 3, 2022

Please submit your written comments by November 23 using this feedback form by email to engagement@ieso.ca

Feedback Provided by:

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Title:

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Email: [redacted]

Date: 23rd November 2022

Note: This feedback is being submitted in response to the webinar held on November 3 for the NW IRRP engagement initiative. To promote transparency, feedback submitted will be posted on the Northwest Regional Electricity Planning engagement webpage unless otherwise requested by the sender.

Visit the engagement webpage for more information.

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Feedback:

Topic	Feedback
What other information or insights should be considered in the recommendations and findings outlined in the presentation?	
How can the IESO and/or members of the Northwest IRRP Technical Working Group continue to engage with communities as the recommendations in the plan are implemented, or to help prepare for the next planning cycle?	

General Comments/Feedback

For an expenditure of $2 billion (comprised of equal contributions from the Provincial & Federal Governments - Side 44) I would have expected any future mining load at the Ring of Fire to be multiple times the 30MW figure quoted on Slide 43.

And if so, there would be a strong argument for supplying it from a point closer to the supply source (i.e. closer to Wawa) to reduce overall transmission losses.

But tapping a new single-circuit line directly off the EW Tie through a new 230kV Switching Station (in the vicinity of Terrace Bay) sounds like an expensive proposition, particularly if it is done properly (Slide 51).

While the cost of establishing a new 230kV Switching Station could be reduced by tapping just one, or possibly two, of the four 230kV circuits that comprise the EW Tie it would create imbalance in the circuit loadings and negatively affect the EW Tie transfer capability. It would also compromise the possible future addition of series capacitors to the EW Tie to further enhance its transfer capability. I would argue that for the cost of establishing a brand new SS, it would be possible to build a significant amount of new 230kV transmission line.

I would therefore suggest that consideration should be given to originating any new line to the Ring of Fire, via LongLac, from Marathon TS rather than from a new SS. This would avoid introducing imbalanced loading of the EW Tie circuits while providing the opportunity for the new 230kV line the Ring of Fire to follow the route of the existing 115kV line from Marathon TS to Manitouwadge DS, thereby avoiding the need to establish a new right-of-way over that portion of the route.