

Date Posted: June 2, 2016  
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## Transmission Change Management

*Title:* Stage 2 Connection Proposal Template

*Change or Update:* Update

*Effective Date:* June 2, 2016

### Change Description

The AESO has undertaken an initiative to improve the Stage 2 Connection Proposal to streamline it with the Stage 3 (NID) Engineering Study Report (ESR).

### Background

The previous Stage 2 Connection Proposal document was published on November 21, 2013. The stage 2 ESR template was different from the NID ESR. As the AESO has updated the NID ESR template and standardized the wording in the template, it was appropriate to update the Connection Proposal ESR to streamline it with the filing documents. In order to improve the document, the AESO has reviewed the Stage 2 Connection Proposal document. The new templates will help to achieve better efficiencies and realize time savings in both Stages 2 and 3.

### Change Scope

The Stage 2 Connection Proposal document consists of five (5) documents: Stage 1 Connection Study Scope (signed), Stage 2 Engineering Study Report, Facility Design, Cost Estimates, and Land Impact Assessment. The details of changes are as follows:

- 1- Stage 1 Connection Study Scope (CSS)**
  - a. Language and style are standardized in each section.
  - b. Transmission Planning Criteria – Basis and Assumptions (Reliability Criteria) is included as Attachment A
- 2- Stage 2 Engineer Study Report (ESR)**
  - a. Language and style are standardized to be consistent with Stage 3 ESR (NID ESR).
  - b. Motor starting, sub-synchronous oscillations, effectiveness factor analysis studies as well as constraint summary table (Category B loadings and voltage performance) are

## Change Scope

included.

### 3- Facility Design (FD)

- a. Language and style are standardized.
- b. A new requirement is stated to highlight short circuit levels that are above 90% of the short circuit rating of the substation switchgear

### 4- Cost Estimates

- a. Cost Estimate template is linked to the AESO website  
([http://www.aeso.ca/connect/files/aeso\\_cost\\_estimate\\_template.xlsx](http://www.aeso.ca/connect/files/aeso_cost_estimate_template.xlsx))

### 5- Land Impact Assessment

- a. Language and style are updated.

## Implementation Schedule

The updated Stage 2 Connection Proposal document will be posted in the AESO website on June 2, 2016.

## Additional Information

The updated connection proposal template can be found at [http://www.aeso.ca/connect/files/connection\\_proposal\\_template.doc](http://www.aeso.ca/connect/files/connection_proposal_template.doc)

The updated connection study scope template can be found at [http://www.aeso.ca/connect/files/connection\\_study\\_scope\\_template.docx](http://www.aeso.ca/connect/files/connection_study_scope_template.docx)

## Contact

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