

NERC Tagging Changes



Background

The passage of the *Electricity Restructuring Act, 2004* requires that the IESO changes its name within NERC tagging, the IDC model and the IESO market systems. The new IESO identifier will be “ONT” and will replace the old “IMO” name, currently used in the tools. This change will be made during the time period from March 8 to March 10th.

In addition to the name change, we are clarifying some Ontario specific requirements for NERC E-Tags, in order to permit a correct and accurate calculation of the transmission distribution factor in IDC, and to prevent exposing transactions to curtailments under the TLR process. For more information, please refer to the appendix created at the end of this document.

Please address any concerns around these topics to the next Intertie Trading Sub-Committee meeting in February (http://www.ieso.ca/imoweb/consult/intertieTrading_sub.asp).

Transition period

All name changes have been accomplished by creating new data points within the TSIN registry (the POR/POD information exists now within the NERC TSIN registry). Therefore, the two naming conventions (the old and the new names) can co-exist for a short period of time. It is our intention to keep that co-existence period to a minimum.

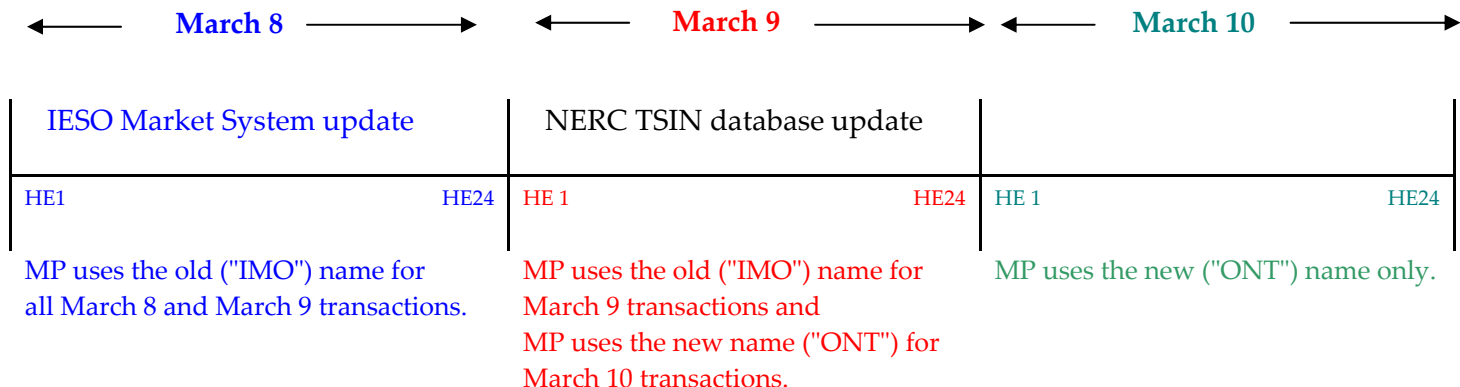
The current schedule is as follows:

- IESO Market System update – March 8th
- NERC TSIN database update – March 9th
- First day of trading utilizing the new names – March 10th

This schedule will allow PSE to submit NERC tags in the new format on March 9th for transactions scheduled on March 10th. The concurrent operation with both naming conventions within the NERC tools will be terminated as soon as practical following the March 10 start.

The URL of the NERC registry is www.tsin.com and the new information can be viewed now at <http://reg.tsin.com/query/queryPathResults.asp?criteria=ONT&AdvancedOption=None>.

Transition Schedule



Testing period

All these changes may impact your market tools. For this reason, we are scheduling a test day for February 14.

We will load the E-tag demo site with the new names so you can generate test E-tags. The URL for the E-tag demo is <https://demo.oati.net/oati/ets-login.wml> and it can be accessed using your production digital certificate and login information. In case you do not have a sandbox certificate, you can ask for one by an email request, which you can send to customer.relations@ieso.ca (alternatively, you can call us at 905.403.6996).

In order to receive feedback on the success of creating new E-tags within our market system you will need feedback from the IESO (success within the E-tag system will be determined by the PSE).

In order to receive this feedback, please contact your IESO Customer Relations Account Manager and provide the following information:

- (test) contact name,
- phone number,
- email address and
- your estimated test time (during February 14)

You can test the tools any time on February 14, but we can provide feedback for E-tags submitted in our system between 9 am and 3 pm (EST), when we will have staff available to assist you. We can also provide assistance and feedback on February 15, as an alternate day, provided you are not available for the February 14 test and you give us notice by February 9, 2006.

Appendix - NERC E-Tag Specific requirements used within the Physical Path

(Note: essential Ontario NERC E-Tag requirements will also be available in the Baseline 15.0 version of Market Manual 4.2 *Submission of Dispatch Data in the Real-Time Energy and Operating Reserve Market.*)

GCA (Generation Control Area) – used by IDC to determine the source for TDF calculations

- To contain ONT when the generation supplying the transaction is physically located in Ontario.

LCA (Load Control Area) – used by IDC to determine the sink for TDF calculations

- To contain ONT when the load being supplied by the transaction is physically located in Ontario.

TP (Transmission Provider) Column – provides the IESO with transmission provider rights within the E-tag software

- To contain ONT for all transactions associated with the IDC, including all transactions with TransEnergie (TE) and wheels where the IESO is not the GCA or the LCA.
- Transactions involving TE must also identify HQT as a TP in order for IDC to treat them appropriately (as radial or DC transmission). Failure to identify HQT as a TP will cause IDC to model those radial transactions as flowing across the normal AC transmission model. An incorrect TDF will be calculated by IDC, exposing the transaction in question to curtailment under the TLR process and degrading the accuracy of the IDC with respect to calculated transaction impact.

PSE Column - used to identify the market participant who owns the transaction.

POR Column

- Imports to use the POR associated with the interface for the transaction path containing the “import” phrase.
- Communicates the correct interface to IDC to allow it to assign the correct path to be used where appropriate. Interfaces where the transmission path controlled by phase shifters must have the direction of the transaction communicated to allow them to be modelled correctly.
- Communicates the interface and direction to the IESO market tools to allow NERC tags to be assigned to the correct offer.

POD Column

- Exports to use the POD associated with the interface for the transaction path containing the “export” phrase.
- Communicates the correct interface to IDC to allow it to assign the correct path to be used where appropriate. Interfaces where the transmission path controlled by phase

NERC Tagging Changes

shifters must have the direction of the transaction communicated to allow them to be modelled correctly.

- Communicates the interface and direction to the IESO market tools to allow NERC tags to be assigned to the correct offer.

ONT POR/POD

- Since E-tag requires both the POR and POD fields to be completed when building a transaction, a bi-directional POR/POD has been created. When building an export transaction from Ontario, the POR field should contain the ONT POR. When building an import transaction, the POD field should contain the ONT POD. This prevents both the IDC and the Ontario market tools from getting both a POR and POD with directional components (conflicting) in the same E-tag.

Sink or Source Field

- The sink and source fields are created by the individual PSEs within the NERC TSIN registry. This should be ONT in each case where the IESO is the source or sink of the transaction (transaction is not a wheel through).
- This field is not currently used by the *IESO* market systems. It was included in E-tag to allow individual market systems to define and make use of.

Sched Entities Column

- To contain ONT for all transactions where the *IESO* is involved.
- Allows the *IESO* to have Scheduling Entity rights within E-tag.