



Managing Transmission Line Ratings

Technical Rating Communication implementation workshop

Various



Agenda

3:00-3:30 p.m.

Review of questions submitted

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LEP Sandbox Updates

- Latest release was deployed to Sandbox on 01/30/2025.
- Timing of future Sandbox releases is TBD – we'll communicate accordingly.
- New user requests have all been fully processed.
- We are actively working on sample code for a variety of API calls (GET, POST, DELETE, PATCH, and PUT).
 - We will share these as they become available.



FREQUENTLY ASKED QUESTIONS

Specific formatting requirements for emergency durations

- Example as such:
- Get Endpoint <https://sandboxsmid.iso-ne.com/lep-operations/reference-data/emergency-durations>

```
1  [  
2      {  
3          "name": "LTE",  
4          "duration-minutes": 240  
5      },  
6      {  
7          "name": "STE",  
8          "duration-minutes": 15  
9      },  
10     {  
11         "name": "DAL",  
12         "duration-minutes": 5  
13     }  
14 ]
```

Reasonability Limits are required in order for any rating change

GridOS LEP Home

otis

Expand All Collapse All

OTIS.107-1.A	
OTIS.107-1.A	Transmission Facility
OTIS.107-1.A	Network Segment
OTIS.1X.1X	
OTIS.1X.1X	Transmission Facility
OTIS.1X.1X	Network Segment
OTIS.107-2.A	
OTIS.107-2.A	Transmission Facility
OTIS.107-2.A	Network Segment

Details

OTIS.107-1.A

Update

Network Segment | Transmission Equipment

Transmission Facility Connected substations Voltage levels

OTIS.107-1.A OTIS - BOURNE 115V - 115V

Basic Information

ID 297e25c1-7504-4f31-895a-3ef34fd226e5

Name OTIS.107-1.A

CIM Type ACLineSegment

Rating Direction both

Nominal Voltage 115V

Altering condition

Ratings Flags

Forecast Ratings (EMS) ☐ Disabled

Real-time Ratings (EMS) ☐ Disabled

Real-time Ratings (SCADA) ☐ Disabled

Reasonability Limit

From (lower bound) 200

To (upper bound) 1000

Aliases

ParticipantID 107

NXID 107-1

NX_ERN 6826

CIMMRID 297e25c1-7504-4f31-895a-3ef34fd226e5

DYNRTGName1 107-1

DYNRTGName2 A

CIMName A

NETMOMCompositeld OTIS.107-1.A

EMSName 107-1_A



CAMS and “Person” detail

- Reminder that your SA can create a few user types:
 - "Individual" (an actual person)
 - "Desk/Department" (for shared department email boxes)
 - "Device/Application" (to run APIs, automated scripts, etc.)
- These are all "Person" accounts in CAMS.



KNOWN ISSUES

These are some of the issues ISO-NE is aware of and GE is working to correct

Multiple issues with Seasonal Ratings

- Some equipment will either show no Seasons or test data for only 9 Seasons

The screenshot shows a web application interface with a dark theme. At the top, there are three tabs: 'Seasonal' (selected), 'Forecast', and 'Real-Time'. Below the tabs, there are four filters: 'Default' (0), 'Invalid' (0), 'Missing' (0), and 'Overwritten' (0). Below the filters, it says 'No Filters Applied'. The main table has a header with 'Season' and 'Normal'. The table body is empty, with the text 'No rows to display' at the bottom.

Season	Normal
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The screenshot shows a web application interface with a dark theme. At the top, there are three tabs: 'Seasonal' (selected), 'Forecast', and 'Real-Time'. Below the tabs, there are four filters: 'Default' (36), 'Invalid' (0), 'Missing' (12), and 'Overwritten' (0). Below the filters, it says 'No Filters Applied'. The main table has a header with 'Season', 'Normal', 'LTE', 'STE', 'DAL', and a column with circular icons. The table body contains 12 rows of data for the months of the year. The 'Rows: 12' indicator is at the bottom.

Season	Normal	LTE	STE	DAL	
January	289	335	335	390	○
February	288	334	334	389	○
March	287	333	333	388	○
April	285	331	331	386	○
May	284	330	330	385	○
July	283	329	329	384	○
August	284	330	330	385	○
October	286	332	332	387	○
November	288	334	334	389	○
June					○
September					○
December					○

AAR Exemptions and Nominal Ratings

- Both AAR Exemption and Nominal Ratings are on the incorrect level in the database and UI. They are getting moved to the Network Segment level.

The screenshot shows a web application interface with a dark theme. On the left is a sidebar with two items: 'Transmission Facility' (highlighted with a red border) and 'Network Segment' (highlighted with a green border). The main content area is divided into two sections:

AAR Exemption (with an information icon):

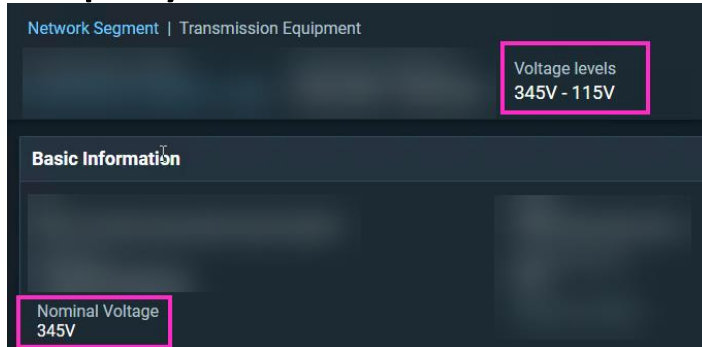
- AAR Exempt: ☐ Disabled
- * Expiration:
MM/DD/YYYY
- * Reason:

Nominal Ratings (with an information icon):

* Normal	* LTE
<input type="text" value="221"/>	<input type="text" value="284"/>
MVA	MVA
* STE	* DAL
<input type="text" value="288"/>	<input type="text" value="288"/>
MVA	MVA

Other known issues GE is working on

- Incorrectly accepts Zero
 - Number should be greater than Zero
- Data entry logic issues
 - Missing validation and logic for multiple items
- Displays show V when it should be kV.



Questions

