



**North American Electric Reliability Corporation
NERC IT Services webSDX (Project #420)
Change Order #08**

NAME: IDCWG
DATE: January 25, 2012
SUMMARY: Remaining GUI Changes
VERSION: 2.0

DETAIL: Customer submitted the following request as Draft Version 3.0 on December 14, 2011. Since this is only the second evaluation made by OATI the OATI Version is 2.0:

As per the April 26, 2010 IDCWG conference call, it was agreed that CO-2 Miscellaneous GUI Changes would be partially implemented with the understanding that sections 4 and 5 of the Change Order would be addressed in a new Change Order. The purpose of Change Order #08 is to address those outstanding items and a few others.

1. This item is an implementation of OATI's idea to simplify and clarify the entry of manual outages and outage overrides. There has been some confusion in the user community about adding a manual outage entry versus adding an outage override. Currently the GUI user has the option to:
 - a. Override an existing outage - the user clicks on the 'override' hyperlink for an existing outage that allows editing of a few data fields.
 - b. Add an outage override - the user clicks on the 'Add Outage Override' button on the outage display.
 - c. Add a manual outage entry - the user clicks on the 'Add Manual Entry' button on the outage display.

The confusion primarily exists between b and c above. For this item, please remove the 'Add Manual Entry' button from the GUI. Change the wording on the 'Add Outage Override' button to read 'Add Outage', the function of the remaining button will not change. Add a jump button that will allow the user to go to the display for overridden outages. This will allow the user to easily find overridden outages for editing.

2. Currently the Regional Coordination Reports (RCR) display is a hybrid, designed to display both generation outages and transmission outages on the same display in a meaningful way. While this does offer the user that advantage, much of the filtering/sorting flexibility and viewing ease we have in the separate gen outages display and trans outage display is sacrificed. This change proposes that the Equipment Type in the report Filtering Options allow the user to select ALL, Branch, Generator, 2W Transformer, 3W Transformer individually or any combination of these choices may be made by using the <Ctrl> <Left Mouse Click> keys.

As per the IDCWG conference call on September 23, 2011 it was agreed that item 3 of this Change Order will not be implemented. Having multiple records for tie lines is needed for proper coordination. The report with multiple outage entries will show when all of the parties have properly coordinated tie line outages by having identical start/stop times.

3. There is a problem with the way the GUI handles tie line outages. The basic problem is that tie line outage entries show up in the GUI as multiple records in the various displays. The problem is compounded when companies on both ends of a tie line submit the outage. And the problem

is even further compounded when the start/stop times of these dually submitted tie line outages are not matched exactly.

EVALUATION SECTION:

EVALUATOR'S NAME: Jim Latimer, Project Manager

DATE: January 25, 2012.

DESCRIPTION: OATI proposes to implement the requested GUI changes in the manner described below:

1. Add Outage button (Generation and Transmission Outages)
 - a. The 'Add Outage Override' and 'Add Manual Entry' buttons will be replaced by a single 'Add Outage' button.
 - b. The Add Outage display will include an 'Outage Override' checkbox that when checked, will indicate that the outage is an outage override and will override any future XML uploads or non-override manually entered (non-XML) outages. This checkbox will always be checked by default.

The screenshot shows a web form for adding an outage override. It includes the following fields and controls:

- RC:** A dropdown menu with 'FPL' selected.
- BA:** A dropdown menu with 'FMPP' selected.
- PMax:** Two input fields labeled 'Minimum' and 'Maximum' with '< PMax <' between them.
- Search:** A text input field with a search icon.
- GenBus:** A dropdown menu with 'C#2 CT 13.800 1' selected. Below it, 'PMax: 77.1' is displayed.
- Outage Type:** A dropdown menu with 'In-service (I)' selected.
- Start Date:** A date-time picker showing '01/10/2012 10:25'.
- End Date:** A date-time picker showing '01/11/2012 10:25'.
- Miscellaneous:** A text input field.
- MRID:** A text input field.
- Override:** A checkbox that is checked, with the text 'An **Outage Override** will override any future XML uploads or Manual Entries.' highlighted in yellow.
- Buttons:** 'Save Manual Outage' and 'Cancel' buttons at the bottom.

- c. A help page will be added to the Add Outage display.
 - d. A link labeled 'View Manual' will be added to each Outage Override and Manual Entry in the Generation/Transmission Outages displays. This link will open the selected outage in the Generation/Transmission Manual Outages display.
2. The Equipment Type filter in the Regional Coordination Reports (RCR) display will be modified to allow individual or multi selection of the ALL, Branch, Generator, 2W Transformer, and 3W Transformer options.