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References

[None]

Procedure Background

One-line display colors:

- 345 kV – Blue
- 230 kV – Green (also includes the 138 kV NNC and 192 kV dc CSC)
- 115 kV – Gray
- Less than 115 kV – Brown

Analogs (values - MW, MVAr, or Voltage)

- Green: Good Quality
- White: Local manual replacement that was accepted by EMS
- Magenta: quality is suspect/bad or the local manual replacement was **NOT** accepted by EMS
- Tan: Remote manual replacement
- Italic Tan: Remote SE Replacement
- Yellow: a Local SE Replacement was accepted by EMS

NOTE: A calculated value will take on the quality code of an input that has a quality code other than “Good Quality” based on a predefined hierarchy. The predefined hierarchy is: White (Local ManRep), Yellow (SE Replacement), Magenta (Bad/Suspect), Tan (Remote ManRep).

Example: The MW value for a load is calculated using a line MW value and a generator MW value. If the generator’s MW value becomes suspect (magenta) and the line MW value is SE Replaced, the load MW value will appear as an SE Replacement (yellow).

Points (devices - breakers, disconnects, switches)

- Green empty diamond - Good quality
- Green filled diamond - the device has been flagged as not in service, was **NOT** accepted by EMS, and has **NOT** been flagged as suspect

- White filled diamond - Local manual replacement that was accepted by EMS
- Magenta diamond - quality is suspect/bad or the local manual replacement was **NOT** accepted by EMS
- Tan diamond - Remote manual replacement
- Blue diamond - Device is in the "between" status
- Yellow diamond - it is a pseudo device and is only there for RTNET modeling
- White switch symbol - pseudo device and is only there for RTNET modeling

The flag "Three State" in the "Flags" section of the Analyst Quality Flags display is set for Points to allow the Control Room Operator to select the Open (Override to Open) or Closed (Override to Closed) position on the Substation Tabular display.

When assessing quality status of an analog (a value), the "Flags" section of the Analyst Quality Flags display should **NOT** have any flags applied.

A manual replacement is performed from either:

- The Substation Tabular display by applying the "Not in Service" flag for the MW value and entering the current output in the value well; Or
- The One Line Display by clicking on the value, clicking the "Remove" button on the popup display and entering the current flow in the value well.

A reason for a local manual replacement can be entered in the following locations:

- "Summary" well on the One Line Display popup display; Or
- Note on the "SCADA Manual Replaced Summary" display.
- In the "Summary Analog" box at the bottom (the text box that runs the length of the bottom) of the Analyst Quality Flag display. Click in the top right hand corner to enter a reason

On the Substation Tabular display the Data Quality of "Garbage" means: that device does **NOT** have anything driving it. It does **NOT** have an RTU or ICCP input and is **NOT** calculated by EMS.

EMS has a frozen data monitoring function which tracks all “GOOD” quality SCADA analogs and will notify the on-call PSM member when data has remained the same for 15 minutes. Once notified of frozen data the on-call PSM member will review the alarm and contact the Control Room along with remote site data owner. The display can be accessed via SCADA by clicking the “DQ” button.

Common Procedure Information

A. Any ISO-NE qualified Control Room Operator has the authority to take actions required to comply with NERC Reliability Standards. A qualified ISO-NE Control Room Operator has met the following requirements:
   1. Have and maintain a NERC certification at the RC level (per R.1 of PER-003-2)
   2. Applicable Requirements of PER-005-2
   3. Approved to cover a Control Room Operator shift position by the Manager, Control Room Operations
   4. Is proficient at the current qualified level.

B. Real time operation is defined as the current hour and the current hour plus one.

C. Future hours are those beyond teal time operation.

D. All verbal communications with Local Control Centers (LCC), neighboring Reliability Coordinators/Balancing Authorities (RC/BA), Designated Entities (DE), Demand Designated Entities (DDE) and/or SCADA centers shall be made on recorded phone lines unless otherwise noted.

E. For all communications:
   1. Use the Basic Protocol for All Operational Communications as prescribed in M/LCC 13,
   2. Use 'ISO New England' or 'New England'. Refrain from using 'ISO',
   3. Use Asset ID's when communicating with DE/DDEs,
   4. Use three-part communication in all situations where its use will enhance communication.

F. Primary responsibilities are stated for each step within the procedure, but any ISO Control Room Operator qualified at that position or higher can perform the step. The Primary Responsibility may be delegated to an Operator in a lower qualified position, but the responsibility for its completion remains with the identified individual.

G. The use of “ensure” within this document means that a verification has been performed and if the item is not correct, corrective actions will be performed.

Procedure

Condition(s) to perform this section:

- **A Generator/pump storage DARD telemetry problem is identified.**

Section 1 : Generator/pump storage DARD Telemetry Problem

Step 1.1

Primary Responsibility: Any Control Room Operator

Contact the DE to determine:

- ❑ **Reason for the SCADA problem**
- ❑ **Expected time to resolve the problem**

Step 1.2

Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **If the SCADA problem will NOT be resolved in a timely manner.**

Determine if a valid secondary source is available and of good quality.

Instructions

Perform the following:

- ❑ Access the "Substation Tabular" display for the generating station;
- ❑ Access the "Analyst Quality Flags" ( ) display for the suspect value;
- ❑ Verify the available sources in the “Remote Data Source:” section of the display.

Notes

For the secondary source to be used the source shall have a quality of good. The "Flags" are **NOT** assessed until the source is being used.

Step 1.2.1

Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **If the SCADA problem will NOT be resolved in a timely manner and a valid secondary source is available.**

Switch to the available secondary source.

Instructions

Perform the following:

- ❑ Click the check box for “Block Secondary” to remove the block flag;
- ❑ Click the check box for “Block Primary” so set the block flag;
- ❑ Verify the MW value will track the secondary source and there are no failure flags being assessed.

Notes

- The Prepared Value will match/track the Secondary Value and the arrow indicating the selected source is pointing at the Secondary Value.
- Now that the Secondary Source is being utilized the failure Flags will be assessed for that source.

Step 1.3 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **If a valid secondary source is NOT available.**

Notify the LCC Operator that the SCADA value is suspect/bad, needs to be manually replaced and updated as required.

Notes

This will maintain the ICCP value up to date for all parties that use the SCADA value.

Step 1.3.1 Primary Responsibility: Any Control Room Operator

Manually replace the MW value.

Notes

- The value will be manually replaced locally, to maintain updated output for dispatch.
- If the value to be entered is the same as the current value, that number still needs to be entered for EMS to accept the manual replacement.

Step 1.3.1.1 Primary Responsibility: Any Control Room Operator

Verify the manual replacement was accepted by EMS.

Notes

A properly entered manual replacement will be on the SCADA Manual Replaced Summary display.

Step 1.3.1.2 Primary Responsibility: Any Control Room Operator

Enter a reason for the manual replacement.

Step 1.3.1.3 Primary Responsibility: Any Control Room Operator

Log the Manual Replacement.

Instructions

Use log entry: > EQUIPMENT FAILURES > SE/MANUAL REPLACEMENT [E]

Enter the following:

- ❑ Affected Element
- ❑ Action Taken
- ❑ Reason (if known)

Notes

This log entry will send an email to Power System Modeling Management to track and address the issue.

Step 1.4 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **The affected element was NOT manually replaced.**

Contact the IT On Call Technician and provide the following:

- ❑ **Affected SCADA element**
- ❑ **Time and reason if known**
- ❑ **Request Data Communications On Call be notified**

Condition(s) to perform this section:

- **An Internal Transmission Line Telemetry Problem is identified.**

Section 2 : Internal Transmission Line Telemetry Problem

Step 2.1

Primary Responsibility: Any Control Room Operator

Contact the applicable LCC Operator to determine:

- ❑ **Reason for the SCADA problem**
- ❑ **Expected time to resolve the problem**
- ❑ **Any impacts resulting from the problem**

Step 2.2

Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **If the deviation between SCADA and RTNET is causing RTNET application errors; Or**
- **The State Estimator is NOT solving correctly.**

Request the associated LCC Operator manually replace the value in their system and updated as required.

Notes

This will maintain the ICCP value up to date for all parties that use the SCADA value and avoid RTNET application errors.

Step 2.3

Primary Responsibility: Any Control Room Operator

Notify the Senior System Operator and Operations Shift Supervisor

Step 2.4

Primary Responsibility: Senior System Operator

Condition(s) to perform this step:

- **The transmission line affects an ILC Interface, RTNET basecase, RTCA contingency, or RAS/ACS**

Coordinate with the Operations Shift Supervisor to determine if an SE Replacement should be utilized.

Notes

Ensure that the RTNET value is consistent with system conditions while determining if an SE Replacement is going to be used.

Step 2.5

Primary Responsibility: Operations Shift Supervisor

Authorize the use of a transmission line manual replacement value or SE Replacement.

Standard(s) for completion:

- The manual replacement is authorized if needed for RTNET to operate correctly; Or
- An SE Replacements is authorized if the transmission line affects an ILC Interface, RTNET basecase, RTCA contingency, or RAS/ACS.

Step 2.6 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **The use of a manual replacement is authorized.**

Manually replace the MW or MVAr value.

Notes

If the value to be entered is the same as the current value, that number still needs to be entered for EMS to accept the manual replacement.

Step 2.7 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **The use of SE Replacement is authorized.**

Enable SE Replacement.

Instructions

To enable SE Replacement perform the following:

- ❑ Access SCADA Substation Tabular for the required substation;
- ❑ Apply the "Not in Service" flag for the value;
- ❑ Open the "Analyst Quality Flags" ( ) display for the value;
- ❑ Apply the "Request State Estimator Replace" flag.

Step 2.8 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **A manual or SE replacement was performed at the ISO.**

Verify the replacement was accepted by EMS.

Instructions

Access the "SCADA Replaced Data Summary" display by:

- ❑ Clicking the SCADA button "SCD"
- ❑ Clicking "Related Displays";
- ❑ Clicking "Replaced Measurements Summary";
- ❑ Verify the value is listed.

Notes

- For a manual replacement verification: if accepted by EMS the value will turn white on the one-line display, show a data quality of "Replaced" on the SCADA Replaced Data Summary display and will also be located on the SCADA Manual Replaced Summary (NIS) display.
- For SE Replacement verification: if accepted by EMS the value will turn yellow on the one-line display, show a data quality of "Estimated" on the Substation Tabular display and be listed on the SCADA Replaced Data Summary display as "ESTREP".
- The SCADA Replaced Data Summary display will show all correctly replaced values and what type of replacement. The types of replacements are SE replacement (ESTREP), local manual replacement (MANREP), and remote manual replacement (REMREP).

Step 2.9 Primary Responsibility: Any Control Room Operator

Enter a reason for the manual replacement.

Step 2.10 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **The affected value was replaced with a manual or SE replacement.**

Log the manual or SE replacement

Instructions

Use log entry: > EQUIPMENT FAILURES > SE/MANUAL REPLACEMENT [E]

Enter the following:

- ❑ Affected Element
- ❑ Action Taken
- ❑ Reason (if known)

Notes

This log entry will send an email to Power System Modeling Management to track and address the issue.

Step 2.11 Primary Responsibility: Security Operator

Condition(s) to perform this step:

- **An SE replacement is used.**

Enter the SE Replacement on the Security Operator Turnover sheet.

Step 2.12 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **The affected value was NOT replaced with a manual or SE replacement.**

Contact the IT On Call Technician and provide the following:

- ❑ **Affected element**
- ❑ **Time and reason if known**
- ❑ **Request Data Communications On Call be notified**

Condition(s) to perform this section:

- **A Transmission Equipment Telemetry Problem is identified.**

Section 3 : Transmission Equipment Telemetry Problem

Step 3.1

Primary Responsibility: Any Control Room Operator

Contact the applicable LCC Operator to determine:

- ❑ **Reason for the SCADA problem**
- ❑ **Expected time to resolve the problem**
- ❑ **Any impacts resulting from the problem**

Step 3.2

Primary Responsibility: Security Operator

Condition(s) to perform this step:

- **The kV source requires modification of the monitoring point in OP12B or MLCC15H.**

Modify a kV source in the OP12B or MLCC15H tools.

Instructions

Perform the following to modify a kV source in OP12B or MLCC15H:

- ❑ Access RTNET;
- ❑ Click the appropriate button to access the Networks Limits display:
  - ❑ OP12B
  - ❑ MLCC15H
- ❑ Locate the station;
- ❑ Click the "i" in the gray circle in the "kV Sources" column to bring up the kV Sources display for an individual point;
- ❑ Modify the point in use or change the source of the value (RTNET or SCADA)

Notes

- If the "In Use" flag is set for a source that is **NOT** the Primary Source, a "PR" indicator will be shown on the OP12B and MLCC15H displays.
- If the RTNET value is selected as the "kV source" and that source is "In Use", the Monitored kV RTNET value will be highlighted in yellow and a SE indicator will be shown on the OP12B or MLCC15H displays.

Step 3.2.1

Primary Responsibility: Security Operator

Log the modification to a monitoring point.

Instructions

Use the applicable log entry:

- ❑ > TRANSMISSION > OP12B Voltage [E]
  - Enter the following:
    - ❑ Generator
    - ❑ Data Modified
    - ❑ Comments

- ❑ > TRANSMISSION > MLCC15H Voltage [E]
  - Enter the following:
    - ❑ Station
    - ❑ kV Level
    - ❑ Data Modified
    - ❑ Comments

Step 3.3 Primary Responsibility: Any Control Room Operator

Request the associated LCC Operator correct the position indication in their system.

Step 3.3.1 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **The LCC Operator performed a manual replacement in their system.**

Verify the remotely replaced value updates in ISO EMS as a remotely replaced value.

Step 3.4 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **If the LCC Operator cannot correct the position indication in their system; Or**
- **The position indication is NOT in error in the LCC system.**

Manually replace the device in ISO EMS.

Notes

If the position indication to be used is the same as the current position, the position indication needs to be toggled to the opposite position then toggled back to the desired position for EMS to accept the manual replacement.

Step 3.4.1 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **The device is in the "between" state.**

Manually replace the device from the EMS Substation Tabular display.

Instructions

- ❑ Apply the "Not in Service" flag for the device;
- ❑ Right click on the position;
- ❑ Select the desired override position.

Step 3.4.2 Primary Responsibility: Any Control Room Operator

Verify the manual replacement was accepted by EMS.

Notes

A properly entered manual replacement will be on the SCADA Manual Replaced Summary display.

Step 3.4.3 Primary Responsibility: Any Control Room Operator

Enter a reason for the manual replacement.

Step 3.4.4 Primary Responsibility: Any Control Room Operator

Log the Manual Replacement.

Instructions

Use log entry: > EQUIPMENT FAILURES > SE/MANUAL REPLACEMENT [E]

Enter the following:

- ❑ Affected Element
- ❑ Action Taken
- ❑ Reason (if known)

Notes

This log entry will send an email to Power System Modeling Management to track and address the issue.

Step 3.5 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **The affected element was NOT manually replaced.**

Contact the IT On Call Technician and provide the following:

- ❑ **Affected SCADA element**
- ❑ **Time and reason if known**
- ❑ **Request the Data Communications On Call be notified**

Condition(s) to perform this section:

- **An AC tie line value is suspected of NOT being accurate or has failed in EMS.**

Section 4 : AC Tie Line Telemetry Problem in EMS

Step 4.1 Primary Responsibility: Any Control Room Operator

Contact the applicable LCC or RC/BA Operator to determine:

- ❑ **Reason for the SCADA problem**
- ❑ **Expected time to resolve the problem**

Step 4.2 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **If it is a NYISO Tie Line problem.**

Swap the NYISO Tie Line Telemetry data feed source.

Instructions

To swap the data feed source, use the "MWAVE" or "PHONE" buttons on the Loader, Senior, or Operations Shift Supervisor desk.

Notes

This will swap the data source into RTUA for NYISO Tie Lines.

Step 4.2.1 Primary Responsibility: Any Control Room Operator

Ensure the data feed source swap did NOT cause any other errors in EMS or the PCEC.

Step 4.3 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **If it is NOT a NYISO Tie Line problem; Or**
- **Swapping the data feed source in Step 4.2 did NOT correct the problem.**

Determine if the ALMW is tracking properly

Notes

- All ALMW values except for the E205W are found on the Substation Tabular display for the NY source bus. (i.e. Alps for 393 line)
- The E205W ALMW value is found on the Substation Tabular at Bear Swamp (BEARSWMP).

Step 4.3.1 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **The ALMW is tracking properly.**

Force the MW value to the ALMW.

Instructions

To force the MW value to the ALMW perform the following:

- ❑ Click “SUB TAB”
- ❑ Select the “RTU_DATA” station;
- ❑ Set the STAT "Not in Service" flags for RTUA, RTUB, RTUBCCA and RTUBCCB;
- ❑ Toggle RTUA, RTUB, RTUBCCA and RTUBCCB STAT to "OFFLINE".

Notes

If the STAT is found “OFFLINE”, it is necessary to toggle to “ONLINE” and then “OFFLINE” to force the MW to the ALMW.

Step 4.3.2 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **The MW value was forced to ALMW.**

Verify the force to the ALMW was accepted by EMS.

Notes

If the force to ALMW was accepted by EMS, the MWT Data Quality will be suspect and the MW value will be tracking the ALMW value using the Substation Tabular display for the source bus.

Step 4.4 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **If the ALMW is NOT tracking properly.**

Notify the associated LCC Operator that the SCADA value is suspect/bad, needs to be manually replaced, and updated as required.

Notes

This will maintain the ICCP value up to date for all parties that use the SCADA value.

Step 4.5 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **If the ALMW is NOT tracking properly.**

Manually replace the MW value in ISO EMS.

Notes

The value will be manually replaced locally to maintain updated Tie Line flow for dispatch.

Step 4.5.1 Primary Responsibility: Any Control Room Operator

Verify the manual replacement was accepted by EMS.

Notes

A properly entered manual replacement will be on the SCADA Manual Replaced Summary display.

Step 4.5.2 Primary Responsibility: Any Control Room Operator

Enter a reason for the manual replacement.

Step 4.5.3 Primary Responsibility: Any Control Room Operator

Log the Manual Replacement.

Instructions

Use log entry: > EQUIPMENT FAILURES > SE/MANUAL REPLACEMENT [E]

Enter the following:

- ❑ Affected Element
- ❑ Action Taken
- ❑ Reason (if known)

Notes

This log entry will send an email to Power System Modeling Management to track and address the issue.

Step 4.6 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **The affected value was NOT manually replaced.**

Contact the IT On Call Technician and provide the following:

- ❑ **Affected element**
- ❑ **Time and reason if known**
- ❑ **Request the Data Communications On Call be notified**

Step 4.7 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **Tie line value is suspected of NOT being accurate or has failed in the PCEC.**

Update the PCEC value using Section 6.

Condition(s) to perform this section:

- **A DC Tie Line value is suspected of NOT being accurate or has failed in EMS.**

Section 5 : DC Tie Line Telemetry Problem in EMS

Step 5.1 Primary Responsibility: Any Control Room Operator

Contact the applicable LCC or RC/BA Operator to determine:

- ❑ **Reason for the SCADA problem**
- ❑ **Expected time to resolve the problem**

Step 5.2 Primary Responsibility: Any Control Room Operator

Notify the associated LCC Operator that the SCADA value is suspect/bad, needs to be manually replaced, and updated as required.

Notes

This will maintain the ICCP value up to date for all parties that use the SCADA value.

Step 5.3 Primary Responsibility: Any Control Room Operator

Manually replace the MW value in ISO EMS.

Notes

The value will be manually replaced locally to maintain updated Tie Line flow for dispatch.

Step 5.3.1 Primary Responsibility: Any Control Room Operator

Verify the manual replacement was accepted by EMS.

Notes

A properly entered manual replacement will be on the SCADA Manual Replaced Summary display.

Step 5.3.2 Primary Responsibility: Any Control Room Operator

Enter a reason for the manual replacement.

Step 5.3.3 Primary Responsibility: Any Control Room Operator

Log Manual Replacement.

Instructions

Use log entry: > EQUIPMENT FAILURES > SE/MANUAL REPLACEMENT [E]

Enter the following:

- ❑ Affected Element
- ❑ Action Taken
- ❑ Reason (if known)

Notes

This log entry will send an email to Power System Modeling Management to track and address the issue.

Step 5.7 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **The affected value was NOT manually replaced.**

Contact the IT On Call Technician and provide the following:

- ❑ **Affected SCADA element**
- ❑ **Time and reason if known**
- ❑ **Request the Data Communications be notified**

Step 5.8 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **Tie line value is suspected of NOT being accurate or has failed in the PCEC.**

Update the PCEC value using Section 6.

Condition(s) to perform this section:

- **A tie line value is suspected of NOT being accurate or has failed in the PCEC.**

Section 6 : Tie Line Telemetry Problem in PCEC

Step 6.1 Primary Responsibility: Loader Operator

Condition(s) to perform this step:

- **If it is a NYISO Tie Line problem.**

Swap the NYISO Tie Line Telemetry data feed source.

Instructions

To swap the data feed source, use the "MWAVE" or "PHONE" buttons on the Loader, Senior, or Operations Shift Supervisor desk.

Notes

This will swap the data source into RTUA for NYISO Tie Lines.

Step 6.1.1 Primary Responsibility: Loader Operator

Verify the swapped data feed fixed the problem and did NOT cause any other tie line problems in EMS and the PCEC.

Step 6.1.2 Primary Responsibility: Loader Operator

Condition(s) to perform this step:

- **If the problem was NOT fixed or any other tie line problems occurred by swapping the data feed source.**

Swap the data feed back

Step 6.2 Primary Responsibility: Loader Operator

Condition(s) to perform this step:

- **If the problem was NOT fixed or any other tie line problems occurred by swapping the data feed source; Or**
- **Problem is NOT associated to a NYISO tie line.**

Enter a manual tie line flow in to the PCEC.

Instructions

To enter a manual tie line flow value in the PCEC:

- ❑ Click the Manual Override button;
- ❑ Enter the new value in the Manual Override well

Step 6.3 Primary Responsibility: Any Control Room Operator

Condition(s) to perform this step:

- **The affected element was manually replaced.**

Log Manual Replacement.

Instructions

Use log entry: > EQUIPMENT FAILURES > SE/MANUAL REPLACEMENT [E]

Enter the following:

- ❑ Affected Element
- ❑ Action Taken
- ❑ Reason (if known)

Notes

This log entry will send an email to Power System Modeling Management to track and address the issue.

Step 6.4 Primary Responsibility: Loader Operator

Condition(s) to perform this step:

- **The affected element was NOT manually replaced.**

Contact the IT On Call Technician and provide the following:

- ❑ **Affected SCADA element**
- ❑ **Time and reason if known**
- ❑ **Request the Data Communications On Call be notified**

Condition(s) to perform this section:

- **A SCADA measurement needs to have a sign flip applied; Or**
- **Topology discrepancy is identified that is creating a mismatch in the RTNET Quadrant display.**

Section 7 : Recommend Changes to EMS

Step 7.1 Primary Responsibility: Any Control Room Operator

Fill out Attachment 1 - PSMM Change Report Log.

Step 7.2 Primary Responsibility: Any Control Room Operator

Deliver the filled out Attachment 1 - PSMM Change Report Log to the Operations Shift Supervisor.

Step 7.3 Primary Responsibility: Operations Shift Supervisor

Determine if the EMS change is required.

Step 7.4 Primary Responsibility: Operations Shift Supervisor

Condition(s) to perform this step:

- **If change to EMS is warranted.**

Sign the PSMM Change Report Log, contact the IT On Call Technician and turn over the change request for routing.

Condition(s) to perform this section:

- **A tie line telemetry value fails or pauses; Or**
- **System conditions warrant ADI being turned off.**

Section 8 : Modify ACE Diversity Interchange (ADI) status.

Step 8.1 Primary Responsibility: Loader Operator

Condition(s) to perform this step:

- **ADI tripped off due to a tie line telemetry problem.**

Correct the issue that caused ADI to trip off using the applicable Section(s) of this CROP.

Step 8.2 Primary Responsibility: Loader Operator

Modify the status of ADI.

Step 8.3 Primary Responsibility: Loader Operator

Condition(s) to perform this step:

- **ADI tripped off and will remain off for a long duration; Or**
- **ADI was manually turned off.**

Notify NYISO that ISO-NE ADI is turned off.

Step 8.4 Primary Responsibility: Loader Operator

Condition(s) to perform this step:

- **ADI was manually turned off.**

Log the manual ADI status change

Instructions

Use log entry: > GENERATION > ADI > Off

Revision History

Rev. No.	Date (MM/DD/YY)	Reason	Contact
0	02/15/13	Initial revision of this Procedure	Steven Gould
1	03/06/14	Updated the steps in all sections associated with notifying the IT On Call Technician to provide further guidance Updated the information associated with contacting the LCC Operator to determine the problem Updated the steps in all sections associated with where manual replacement reasons can be entered. In step 2.5 updated the Primary Responsibility	Steven Gould
2	09/16/15	Added section for ADI Updated 690 line name to 690/FV Moved information from steps to the procedure background	Steven Gould
3	12/15/15	Updated for changes to PCEC	Steven Gould
4	02/23/16	Update color for SE Replacement Remove Attachment 1 (controlled material) controlled material	Steven Gould
5	08/05/16	Addition to procedure background language and update steps associated with contacting IT On Call Technician about identified issues	Steven Gould
6	12/06/16	Addition of Attachment 1	Steven Gould
7	01/05/17	Addition of Step to Section 5 and insertion of return to section links	Steven Gould
8	08/09/17	Addition of language to the procedure background	Steven Gould
9	07/31/18	Clarified to steps 4.3 and 4.3.1.	Steven Gould
10	03/10/20	Clarified step 4.3 for the E205W ALMW Evaluated notes and instructions	Steven Gould
11	04/28/20	Added step to log SE/Manual replacement in sections 1, 2, 3, 4, 5 and 6	Steven Gould
12	05/08/20	Added step in section 3 to modify a kV source	Steven Gould
13	06/23/20	Modified Primary Responsibility for multiple log entry steps. Added Step 3.2.1	Steven Gould
14	07/01/21	Updated Common Procedure Information, Modified Notes in all sections to refer to Power System Modeling Management. Moved action in background section to new step 3.4.1, Added notes to all steps verifying manual replacements, Added condition to enter for Step 2.2, Modified Step 2.8 instructions and notes, Added log entry instructions to Step 3.2.1, Corrected Step numbers in Section 3; reformat of TOC	Steven Gould
15	05/09/23	Added instruction to Step 1.2, Consolidated Steps 1.2.2 & 1.2.3 into instructions in Step 1.2.1, Moved Steps and substeps of Step 1.4 as substeps of Step 1.3; Removed Condition to Enter in Steps 3.4.2, 3.4.4, 4.5.1, 4.5.2, 4.5.3 & 6.1.1, Changed Steps 5.4, 5.5 & 5.6 to substeps of 5.3;	Jonathan Gravelin

Attachment 1 - PSMM Change Report Log

Reported by: Date reported:

[ ] Field Change [ ] Enhancement [ ] Correction [ ] Other

Attachments Y/N:

In-Service Date (if known):

Description (give description of problem/issue being reported, include station name, device, line name, etc were appropriate. This information assists Power System Modeling Management in obtaining more detail from Market Participant, if necessary.):

Manager Approval:
(Operations Shift Supervisor may sign in absence
of Manager, Control Room Operations)

Below to be filled in by Manager, Power System Modeling Management (PSMM)

Assigned E C#:

Priority:

Assigned to:

Version: