UG 08

TCC Automated Market System User’s Guide

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Prepared By: Market Products, Market Structures

New York Independent System Operator
10 Krey Boulevard
Rensselaer, NY 12144
(518) 356-6060
www.nyiso.com

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# Table of Contents

**TABLE OF FIGURES**........................................................................................................................................... VII

**REVISION HISTORY** ......................................................................................................................................... XVI

1. **INTRODUCTION** ........................................................................................................................................ 1
   1.1. Definition of the TCC Market...................................................................................................................... 2
   1.2. Description of the TCC Automated Market System.................................................................................. 2
   1.3. TCC Automated Market System Users..................................................................................................... 2
   1.4. Obtaining Help and Handling Error Messages......................................................................................... 3

2. **USER REQUIREMENTS** ............................................................................................................................... 4
   2.1. Computer Hardware and Software ......................................................................................................... 4
   2.2. Digital Certificates ..................................................................................................................................... 4
   2.3. Logging in to the TCC Automated Market System .................................................................................. 4

3. **TCC AUTOMATED MARKET SYSTEM ROADMAP** ................................................................................... 12
   3.1. Introduction ................................................................................................................................................. 12
   3.2. Process Flow ............................................................................................................................................... 12
   3.3. Matrix of Role Privileges ......................................................................................................................... 19

4. **NAVIGATING ROUNDS AND GENERATING REPORTS** ............................................................................. 23
   4.1. Navigating Rounds .................................................................................................................................... 23
   4.2. Generating One or More Reports with One or More Rounds ................................................................... 28
   4.3. Viewing Nodal Prices .............................................................................................................................. 33
   4.4. Viewing Awards Summary ....................................................................................................................... 35
   4.5. Viewing Binding Constraints .................................................................................................................. 35
   4.6. Viewing MP Awards Summary ............................................................................................................... 36
   4.7. Viewing MP Bundled Bid Awards .......................................................................................................... 37
   4.8. Viewing MP Unbundled Bid Awards ....................................................................................................... 38
   4.9. Viewing MP Sale Awards ....................................................................................................................... 39
   4.10. Viewing NHFPTCC Nomination/Renewal Awards .............................................................................. 40
   4.11. Viewing Revenue Allocation Summary ................................................................................................. 40
4.12. Viewing Original Residual TCCs and ETCNL Revenue ....................................................... 42
4.13. Viewing Revenue Shortfall Charges/Surplus Payments ...................................................... 42
4.14. Viewing Facility Flow-Based Methodology ....................................................................... 43
4.15. Viewing Negative Net Period Revenue Methodology ......................................................... 44
4.16. Viewing Masked Bids and Offers ....................................................................................... 46
4.17. Viewing PAR Flows ........................................................................................................... 47

5. MANAGING BID/OFFER; NOMINATION/RENEWAL SETS THROUGH SCREENS .................. 49
   5.1. Viewing Bid/Offer; Nomination/Renewal Sets .................................................................... 49
   5.2. Editing a Bid ...................................................................................................................... 60
   5.3. Deleting a Single Bid ........................................................................................................ 63
   5.4. Deleting Multiple Bids ...................................................................................................... 64
   5.5. Entering an Offer ............................................................................................................. 66
   5.6. Editing an Offer ................................................................................................................. 68
   5.7. Deleting a Single Offer ..................................................................................................... 71
   5.8. Deleting Multiple Offers .................................................................................................. 73
   5.9. Entering a New Nomination ............................................................................................ 74
   5.10. Editing a Nomination ...................................................................................................... 77
   5.11. Deleting a Single Nomination ......................................................................................... 80
   5.12. Deleting Multiple Nominations ....................................................................................... 82
   5.13. Editing a Renewal ........................................................................................................... 84
   5.14. Submitting a Set .............................................................................................................. 87
   5.15. Withdrawing a Set .......................................................................................................... 90

6. UPLOADING BID/OFFER; NOMINATION SETS ..................................................................... 94
   6.1. Navigating to the Upload Screen ....................................................................................... 94
       6.1.1. File Example: Set Request ....................................................................................... 97
       6.1.2. File Example: Withdraw Request ........................................................................... 99

7. INVOICES ............................................................................................................................. 101
   7.1. Viewing Invoices ............................................................................................................ 101
8. INVENTORY ......................................................................................................................... 110
  8.1. Viewing Inventory ...................................................................................................... 110
  8.2. Viewing Inventory Details .......................................................................................... 113
  8.3. Downloading Inventory Profile .................................................................................... 119
  8.4. Downloading Non-Auction Transactions .................................................................... 121
  8.5. Downloading All Inventory Transactions and Detailed Maintenance ....................... 122

9. SECONDARY MARKET TRANSACTIONS ........................................................................... 124
  9.1. Selling a Portion of a TCC .......................................................................................... 124
  9.2. Change Ownership ...................................................................................................... 127

10. MANAGING QUEUES ....................................................................................................... 132
    10.1. Viewing Transactions in the Queue Report .............................................................. 132
    10.2. Viewing and Approving Transactions in the Second Party Acknowledgement Report .... 133
    10.3. Rescinding a Transaction .......................................................................................... 139

11. TCC OFFSETTING .............................................................................................................. 143
    11.1. Select Offsetting TCCs for Cancellation ..................................................................... 143
    11.2. Viewing Offset Transactions .................................................................................... 147

12. MISCELLANEOUS REPORTS (NON-AUCTION RELATED) ................................................ 151
    12.1. Summary of Transmission Contracts ........................................................................... 151
    12.2. Detailed Maintenance Extract ................................................................................. 159
    12.3. MW Available for Sale Report ................................................................................... 160
    12.4. Revenue by Class Report .......................................................................................... 162
    12.5. TCC and Grandfathered Rights Report ...................................................................... 164

13. TCC ETCNL/RCRR NOMINATIONS ............................................................................... 171
    13.1. View ETCNL Nominations Report ............................................................................ 171
    13.2. Elect to Convert ETCNL Nominations ...................................................................... 173
    13.3. View RCRR Nominations Report .............................................................................. 176
    13.4. Elect to Convert RCRR Nominations ...................................................................... 178
**Table of Figures**

Figure 1: NYISO Homepage

Figure 2: NYISO Webpage Highlighting TCC Option under Market & Operational Data

Figure 3: Black NYISO TCC Data and Information Page Highlighting Login to TCC Market Link

Figure 4: TCC AMS Login Screen

Figure 5: Default Screen following MP Login

Figure 6: TCC AMS Main Menu and Menu Options

Figure 7: Descriptions of TCC AMS Main Menu Options

Figure 8: Logout Menu in TCC AMS

Figure 9: Logout Confirmation Prompt

Figure 10: Logout Confirmation Message

Figure 11: View Public Reports

Figure 12: View MP Reports

Figure 13: Submitting Bid/Offer; Nomination/Renewal Set through Interface

Figure 14: Uploading Bid/Offer; Nomination Sets

Figure 15: “Sell a Portion” / “Change Ownership” of a TCC

Figure 16: Review Transactions in Progress for “Sell a Portion” or “Change Ownership” Transactions

Figure 17: Rescind Transaction

Figure 18: Request TCC Cancellation for Collateral Offset

Figure 19: ETCNL/RCRR Nominations Flow

Figure 20: TCC AMS Role Privileges Matrix

Figure 21: Rounds Option on Search Menu in TCC AMS

Figure 22: Rounds Window Highlighting Search Criteria

Figure 23: Rounds Search Window Sorting Reports

Figure 24: Sorting and Selection Mechanisms for Report Generation

Figure 25: Period Key for Round

Figure 26: Report Options for Market Participant Users

Figure 27: Report Options for Transmission Owner Users

Figure 28: Rounds Search Window Illustrating Steps in Report Generation

Figure 29: File Download Window

Figure 30: Actions and Results of Generating Multiple Reports by Selecting Multiple Rounds

Figure 31: Results of Generating a Single Report for a Single Round

Figure 32: Results of Generating Multiple Reports for a Single Round

Figure 33: Results of Generating a Single Report for Multiple Rounds
Figure 34: Results of Generating Multiple Reports for Multiple Auction Rounds .................................................. 33
Figure 35: Nodal Price Report ......................................................................................................................... 34
Figure 36: Auction Costs Calculation .............................................................................................................. 34
Figure 37: Awards Summary Report ................................................................................................................ 35
Figure 38: Binding Constraints Report for all TCC Auctions conducted before February 2014 Reconfiguration
Auction ......................................................................................................................................................... 36
Figure 39: MP Awards Summary Report ......................................................................................................... 37
Figure 40: MP Bundled Bid Awards Report (shown in two parts) ................................................................. 38
Figure 41: MP Unbundled Bid Awards Report (shown in two parts) ........................................................... 39
Figure 42: MP Sale Awards Report ................................................................................................................. 40
Figure 43: NHFPTCC Nomination/Renewal Awards Report ....................................................................... 40
Figure 44: Revenue Allocation Summary Report ............................................................................................ 41
Figure 45: Revenue Allocation Summary Report with Invalidated Status ...................................................... 41
Figure 46: Original Residual TCCs and ETCNL Revenue Report ................................................................. 42
Figure 47: Revenue Shortfall Charges/Surplus Payments Report ................................................................. 43
Figure 48: Facility Flow-Based Methodology Report ..................................................................................... 44
Figure 49: Negative Net Period Revenue Methodology Report ................................................................... 45
Figure 50: Grandfathered Agreements and Direct Sales Imputed Value Report ........................................... 46
Figure 51: Masked Bids and Offers Report .................................................................................................... 47
Figure 52: PAR Flows Report ......................................................................................................................... 48
Figure 53: Rounds Option on Search Menu in TCC AMS ............................................................................ 49
Figure 54: Rounds Search Window Highlighting Search Criteria ............................................................... 50
Figure 55: Search Rounds Results .................................................................................................................. 51
Figure 56: Set Window (Bids/Offers) .............................................................................................................. 52
Figure 57: Set Window (NHFPTCC Nominations) ........................................................................................ 53
Figure 58: Set Window (NHFPTCC Renewals) ............................................................................................... 54
Figure 59: Selecting Set Types ........................................................................................................................ 55
Figure 60: Set Type Descriptions and Actions .............................................................................................. 55
Figure 61: Selecting Set Download Format Types ........................................................................................... 56
Figure 62: All Fields Set Download .............................................................................................................. 57
Figure 63: Upload Fields Set Download Entering a New Bid ....................................................................... 57
Figure 64: Entering MW and Max Price/MW for a New Bid ........................................................................ 58
Figure 65: Entering POI and POW values and Adding a New Bid ............................................................... 59
Figure 66: Set Window with New Bid ............................................................................................................ 60
Figure 237: Generating Multiple Reports by Selecting Download ................................................................. 185
Figure 238: DAM Net Congestion Rent Allocation Factors Report................................................................. 186
Figure 239: Grandfathered Agreements and Direct Sales Imputed Value Report........................................... 187
Figure 240: Transmission Provider Segments on Search Menu in TCC AMS................................................. 188
Figure 241: Transmission Provider Segments Search Criteria ........................................................................ 189
Figure 242: Transmission Provider Segments Search Window Sorting ......................................................... 190
Figure 243: Historic Fixed Price TCC Revenue on Search Menu in TCC AMS ................................................. 191
Figure 244: Historic Fixed Price TCC Revenue Search Criteria ...................................................................... 192
Figure 245: Historic Fixed Price TCC Revenue Search Window Sorting ....................................................... 192
Figure 246: Certifications Option on Search Menu in TCC AMS .................................................................... 193
Figure 247: Certifications Window Showing Means of Filtering and Initiating a Search ............................... 194
Figure 248: Means of Search Results and Displaying NHFPTCC Certification Details ................................. 195
Figure 249: NHFPTCC Certifications Report ............................................................................................... 196
Figure 250: NYISO Home Page ..................................................................................................................... 198
Figure 251: NYISO TCC Data & Information Page with Links to Public Reports ............................................. 199
Figure 252: Binding Constraints Page ........................................................................................................... 200
Figure 253: Binding Constraints Page Showing Available Rounds ............................................................... 200
Figure 254: Binding Constraints Page Displaying Report .............................................................................. 201
Figure 255: Nodal Prices Page ...................................................................................................................... 202
Figure 256: Nodal Prices Page Showing Available Auction Rounds ............................................................. 202
Figure 257: Nodal Prices Page Displaying Report .......................................................................................... 203
Figure 258: Awards Summary Page .............................................................................................................. 203
Figure 259: Awards Summary Page Showing Available Rounds ................................................................. 204
Figure 260: Awards Summary Page Displaying Report .................................................................................. 204
Figure 261: ETCNL/RCRR Nominations Page ............................................................................................. 205
Figure 262: ETCNL/RCRR Nominations Page Showing Available Reports .................................................. 205
Figure 263: ETCNL/RCRR Nominations Page Displaying RCRR Nominations Report .............................. 206
Figure 264: ETCNL/RCRR Nominations Page Displaying ETCNL Nominations Report ........................... 206
Figure 265: Summary of Transmission Contracts Page .................................................................................. 207
Figure 266: Summary of Transmission Contracts Report ............................................................................. 207
Figure 267: Masked Bids/Offeres Page .......................................................................................................... 208
Figure 268: Masked Bids/Offeres Page Showing Available Auction Rounds .............................................. 208
Figure 269: Masked Bids/Offeres Page Displaying Report .......................................................................... 209
Figure 270: Masked Bids and Offers Report ................................................................................................. 209
Figure 271: PAR Flows Page .................................................................................................................. 210
Figure 272: PAR Flows Page Showing Available Auction Rounds ...................................................... 210
Figure 273: PAR Flows Page Displaying Report ...................................................................................... 211
Figure 274: PAR Flows Report ............................................................................................................... 211
Figure 275: TCC and Grandfathered Rights Report Page ....................................................................... 212
Figure 276: TCC and Grandfathered Rights Report (in two parts) .......................................................... 212
Figure 277: Occurrence Option on the Search Menu in TCC AMS .......................................................... 213
Figure 278: Outage Occurrence Page Illustrating Steps in Executing a Search ...................................... 213
Figure 279: Outage Occurrence Page Displaying Search Results .......................................................... 214
Figure 280: Outage Occurrence Page – Download Outage Occurrences ............................................. 215
Figure 281: Outage Occurrence Download File Format .......................................................................... 215
Figure 282: Outage Occurrence Page – Download Outage TCCs ............................................................ 216
Figure 283: Outage TCC Download File Format ..................................................................................... 216
# Revision History

<table>
<thead>
<tr>
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<th>Revisions</th>
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<td>Initial Release</td>
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<td>1.1</td>
<td>06/29/2006</td>
<td>Additional information added.</td>
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<td>1.2</td>
<td>07/13/2006</td>
<td>Updated Information</td>
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<td>1.3</td>
<td>12/13/2006</td>
<td>Updated information per January 2007 release</td>
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<td>2.0</td>
<td>10/28/2008</td>
<td>Initial Release for Phase 2 of TCC AMS</td>
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| 3.0     | 02/10/09   | Initial Release of Phase 3 of TCC
  - Revisions to reflect Phase 3 changing
  - Addition of new Section 5 “Managing Bid/Offer Sets through Screens”.
  - Addition of new Section 6 “Uploading Bid/Offer Sets”.
  - Renumbering old Sections 5 to 11 (now Sections 7 to 13).
  - Minor changes to other sections to reflect Phase 3 changes.
  - Global
    - Reformatted per new template to standardize presentation.
    - Implemented minor stylistic changes.
    - Simplified numbering and edited labeling of graphical and tabular material.
| 3.1     | 09/18/2009 | Section 8.2
  - In the procedure on viewing inventory details, outlined the purpose of the Non-Auction Price parameter. |
| 3.2     | 01/12/2010 | Global
  - Updated screenshots to reflect changes implemented to improve application interface.
  - Sections 2.3 and 14
    - Revised to update application access instructions secondary to NYISO Web site redesign. |
| 3.3     | 04/27/2010 | Section 2.1
  - Updated minimum requirement for Internet Explorer from 6.0 to 7.0.
  - Section 14
    - Replaced report-related figures to reflect updated design of corresponding system screens. |
| 4.0     | 10/24/2012 | Updates primarily are a result of 1) new product being introduced with the Spring 2012 Centralized TCC Auction to satisfy a compliance objective for offering LSEs Non-Historic Fixed Price TCCs (NHFPTCC), 2) change to annual payments for all Two-Year TCCs (NHFPTCCs and Two-Year TCCs purchased in Centralized TCC Auctions), and 3) changes to the credit holding requirements for all Two-Year TCCs as a result of moving to annual... |
Version | Date | Revisions
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payments. Existing TCC AMS users will notice a number of changes to TCC AMS throughout this guide summarized below.

As the TCC AMS has been enhanced to support NHFPTCC Allocation Rounds in addition to Auction Rounds, nomenclature throughout the TCC AMS has been shortened from Auction Round to Round, and support for bids & offers has been expanded to include support for NHFPTCC Nominations and Renewals. The most notable TCC AMS change for existing users may be the header changes associated with the TCC AMS Upload Templates as described in Section 6. Changes worth noting are:

1. Upload templates have been changed to support NHFPTCC Nominations and include changes to the header variables for all users,
2. HTML report format is no longer supported when generating award reports from within the AMS,
3. TCC ID has been replaced by Inventory ID throughout,
4. Capability Period Auctions are now described as Centralized TCC Auctions,
5. Historic Fixed Price TCCs are appropriately labeled as such (Inventory Type changed from “Long Term TCCs”),
6. Restrictions on offsetting the credit holding requirement of TCCs have been updated,
7. Offset MW transactions no longer indicate the amount of MWs being offset by the transaction (i.e., the Delta Summer MW and Delta Winter MW fields display 0),
8. TCC Invoice has been updated to support the NHFPTCC product,
9. MP Awards Summary report changed extensively: two vestigial credit holding fields have been removed, support for the NHFPTCC product has been added, and support for annual payments of TCCs of duration greater than one year has been added,
10. Bid/Offer Set screen provides data regarding the period associated with each bid/offer (value is not editable since all current rounds have only a single-period),
11. Updated figures throughout for new system look.

A summary of the major changes by sections in the manual are noted below.

Section 4
- Added new NHFPTCC Nominations/Renewals Awards report used to support NHFPTCC Allocation and Renewal rounds.
- Added new period key functionality.

Section 5
- Added new sub-sections for adding, editing, and deleting NHFPTCC nominations and renewals to support the new Non-Historic Fixed Price TCC Allocation and Renewal round types.
- Removed no longer supported global offer functionality.

Section 6
- Added language for submitting and withdrawing NHFPTCC nomination sets
- Removed no longer supported global offer functionality.

Section 7
- Added new sections on the invoice for NHFPTCC nominations, renewals and manual adjustments.
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<td>Section 14&lt;br&gt;Added this section which describes the new Non-Historic Fixed Price TCC Certification process.</td>
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<tr>
<td>4.1</td>
<td>12/13/2012</td>
<td>Further descriptions of the Period field introduced in version 4.0 of this guide are provided. The NYISO currently administers a single period auction format where each auction round is one period (period=1). In a multi-duration auction format, each auction round can have multiple periods (period=1..n). Details on the how to manage Bid/Offer Sets through file upload to support migration to multi-duration format are now provided. Section 2.2&lt;br&gt;Updated digital certificate link to be current. Section 5.1&lt;br&gt;Added steps and description of Bid/Offer; Nomination/Renewal Set file downloads. Section 5.2 &amp; 5.6&lt;br&gt;Added description of Periods field. Section 6.1&lt;br&gt;Added detailed description of Periods field.</td>
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<td>4.2</td>
<td>09/10/2013</td>
<td>Section 8&lt;br&gt;Added descriptions of an inventory record and each transaction type against an inventory record. Section 12.1&lt;br&gt;Corrected the language that described the inventory records and transactions that are included in the Summary of Transmission Contracts extract.</td>
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<td>4.3</td>
<td>01/15/2014</td>
<td>Section 4.5&lt;br&gt;Added description and updated figures for Viewing Binding Constraints to indicate when Shadow Price of Constraint is included. Section 15&lt;br&gt;Added description and updated figures for Viewing Binding Constraints in 15.2.1 to indicate when Shadow Price of Constraint is included. Added example in 15.2.5 for Summary of Transmission Contracts.</td>
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<td>4.4</td>
<td>10/29/2015</td>
<td>Section 2&lt;br&gt;Updated the computer hardware and software system requirements Section 3.3&lt;br&gt;Updated the Role Privileges Matrix, including additions to account for the new Revenue Allocation and Day-Ahead Market (DAM) Net Congestion Rent (NCR) Allocation Factors functionality. Section 4&lt;br&gt;Added sections to describe the new Revenue Allocation reports: Revenue Allocation Summary (Section 4.11) Revenue Shortfall Charges/Surplus Payments (Section 4.13)</td>
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<td>➢ Added new sub-sections to describe the Market Award and Revenue Allocation invoices.</td>
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<td>➢ Added new description regarding viewing of Transmission Provider Segment information from within the Inventory Details functionality.</td>
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<td>➢ Added new section to describe the Revenue by Class report.</td>
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<td>➢ Updated requirements in Sections 2.1 (to meet current computer hardware and software requirements) and 2.2 (to meet current NAESB certificate requirements)</td>
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<td>➢ Updated Figure 2-7 to reflect that these drop down menu options are for Transmission Owners only</td>
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<td>➢ Updated Table 3-1 to add Masked Bids and Offers role to matrix</td>
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<td>➢ Updated Section 4.1 to incorporate Balance-of Period Auction (BoP) as a Round Type and the addition of &quot;Extracts&quot; reporting capability</td>
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<td>➢ Updated Figure 4-5 to incorporate BoP, and added a note to explain what Period Key will show</td>
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<td>➢ Updated Figure 4-8 to show the Extracts reporting capability</td>
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<td>➢ Updated Section 4.3 Nodal Price Report description and Auction Costs Calculation description</td>
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<td>➢ Updated Figure 4-15 to show new report structure</td>
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<td>➢ Updated Section 4.4 Viewing Awards Summary description</td>
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<td>➢ Updated Figure 4-17 to show new report structure</td>
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<td>➢ Updated Section 4.5 Viewing Binding Constraints description and added a description for Contingency Elements field (= BASE CASE)</td>
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<td>➢ Updated Figure 4-18 to show new report structure</td>
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<td>➢ Section 4.6 Added note to describe sign convention of the dollar figures in the MP Awards Summary Report</td>
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- Updated Figure 7 to include Historic Fixed Price TCC (HFPTCC) revenue reports
- Updated Figure 20 to include Phase Angle Regulator (PAR) flow reports

Section 2
- Updated Figure 7 to include Historic Fixed Price TCC (HFPTCC) revenue reports

Section 3
- Updated Figure 20 to include Phase Angle Regulator (PAR) flow reports
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|         | 06/12/2019 | Section 1  
  - Added description of new Section 19  
  Section 3  
  - Updated Matrix of Role Privileges to account for the new TCC and Grandfathered Rights Report and Outage Occurrence screen  
  Section 12  
  - Corrected Start and End Date requirements for generating the Detailed Maintenance Extract and the MW Available for Sale Report  
  - Added a new Section 12.5 related to the new TCC and Grandfathered Rights Report  
  Section 18  
  - Updated figures in View Reports section to reflect current website layout including the link to access the new TCC and Grandfathered Rights Report  
  - Added new Section 18.2.8 related to the new TCC and Grandfathered Rights Report  
Appendix A  
  - Added acronyms for Historic Fixed Price TCC and Phase Angle Regulator  
| 5.1     |            | Section 4  
  - Updated Figure 49 to show new report structure  
  - Added a new Section 4.17 to describe and show new PAR Flows report functionality  
  Section 5  
  - Updated Figure 62 to show new report structure  
  - Added a new note in section 5.14 regarding set submittal processing and error message.  
  Section 6  
  - Added a new note in section 6.1 regarding set submittal processing and error message.  
  Section 14  
  - Updated Figure 235 to show new report structure  
  Section 16  
  - Added a new Section 16 to describe and show new HFPTCC revenue report functionality  
  - Renumber previous Section 16 (Non-Historic Fixed Price TCC Certification) as Section 17  
  - Renumber previous Section 17 (Public Users) as Section 18  
  Section 18  
  - Updated Figures 249, 250, 255, 259, 263, 267, and 270 to show revised website layout including a link to access PAR flow data  
  - Added a new Section 18.2.7 to describe and show new PAR flows data  
  Appendix A  
  - Added acronyms for Historic Fixed Price TCC and Phase Angle Regulator
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<td>5.2</td>
<td>08/28/2019</td>
<td>- Section 19: New section added to describe viewing and downloading Outage Occurrences and downloading Outage TCCs</td>
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<td>- Section 12: Updated Section 12.5 related to the TCC and Grandfathered Rights Report to clarify the information that will be available for records designated as “Interim Awards”</td>
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<td>06/21/2021</td>
<td>- Recertified Section 2: Updated hardware/software requirements for using the TCC AMS in Section 2.1. Updated Figures 1, 2, and 3 to be consistent with the current NYISO website. Updated requirements in Section 2.3 to be consistent with the navigation steps for the current NYISO website.</td>
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<tr>
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<td>- Section 18: Updated Figures 250 and 251 to be consistent with the current NYISO website. Updated requirements in Section 18.1 to be consistent with the navigation steps for the current NYISO website.</td>
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</table>
1. Introduction

This user guide is intended for Market Participants (MPs), Transmission Owners (TOs) and public users of the NYISO TCC Automated Market System (AMS). This user guide has been organized in the following fashion:

- **Section 1** – general introduction.
- **Section 2** – describes the hardware and software requirements to access the TCC AMS.
- **Section 3** – presents a roadmap to the processes of the TCC AMS and the roles of the various users.
- **Section 4** – describes how to navigate rounds and generate reports.
- **Section 5** – describes how to manage Bid/Offer/Nomination/Renewal Sets using screens.
- **Section 6** – describes how to manage Bid/Offer/Nomination Sets using file uploads.
- **Section 7** – describes the Market Award and Revenue Allocation invoices.
- **Section 8** – describes how to view inventory details and how to download inventory profiles, transactions and detailed maintenance.
- **Section 9** – describes how to sell a portion of a TCC and change ownership.
- **Section 10** – describes how to manage information in the queues.
- **Section 11** – describes TCC offsetting.
- **Section 12** – describes the non-auction-related reports.
- **Section 13** – describes TCC ETCNL/RCRR nominations functions.
- **Section 14** – describes Day-Ahead Market (DAM) Net Congestion Rent (NCR) Allocation Factor functions.
- **Section 15** – describes Transmission Provider Segment functions.
- **Section 16** – describes Historic Fixed Price TCC (HFPTCC) revenue data functions
- **Section 17** – describes Non-Historic Fixed Price TCC (NHFPTCC) nominations functions.
- **Section 18** – describes how public users may view certain reports available through the TCC AMS.
- **Section 19** – describes how to view outage occurrences and download outage occurrence details and outage TCCs.
1.1. Definition of the TCC Market

The TCC (Transmission Congestion Contract) market is the means by which Market Participants may purchase and sell TCCs via a NYISO administered auction process and by which privately exchanged TCCs may be re-registered. The *NYISO Transmission Congestion Contracts Manual* provides a description of the TCC market.

The TCC Auction process consists of the following four steps:

1. NYISO posts information relating to the Auction, including congestion and transmission maintenance outages. Section 15 of this User Guide describes how public users may view this posted information. NYISO also reviews the credit worthiness of potential MPs.
2. Offers to sell TCCs and bids to purchase TCCs are received by NYISO and validated and compared with credit limits through the automated system.
3. Transmission network analyses are executed, TCCs are awarded, Market Clearing prices are determined, and results are prepared for posting.
4. NYISO posts information related to TCCs awarded and sold together with pricing information. Section 15 of this User Guide describes how public users may view this posted information.

1.2. Description of the TCC Automated Market System

TCC Automated Market System (AMS) is a user friendly, secure, web-based application that includes features that support MP participation in and review of TCC Markets. From the TCC AMS log-in, MPs may view the TCCs they own, submit bids/offers in an auction, submit NHFPTCC nominations, and submit NHFPTCC renewals. They may view and save their auction results in Excel (.xlsx) or comma separated value (.csv) formats. Auction invoices can be retrieved from the system and MPs can perform a variety of transactions against the TCCs they own.

For MPs familiar with the NYISO Market Information System (MIS) interface, the TCC AMS incorporates many of the same type of features for interacting with TCC Market including point of entry data validation, and around-the-clock secure and timely access to relevant market data.

1.3. TCC Automated Market System Users

The TCC Automated Market System is designed for users participating in TCC Auctions and Non-Historic Fixed Price TCC Allocations although several functions are available for public viewing. Market Participants may participate exclusively in the TCC Auction without participating in other NYISO products and/or markets. Specifically, this user’s guide is intended for:

- *Primary Holders of TCCs* – Market Participants who offer TCCs for sale in the auction.
- **Other Market Participants** – Those who are submitting a bid to purchase TCCs in an auction or NHFPTCC allocation.
- **Transmission Owners** – Holders of rights for which decisions must be periodically made.
- **Public** – Non Market Participants interested in general TCC Auction results.

Details on the types of data available to the users are included in later sections of this manual.

### 1.4. Obtaining Help and Handling Error Messages

When help is required while using the TCC Automated Market System software, please contact your Customer Service Representative.

Error messages may appear occasionally while using this software. These messages will display in a popup window with information about the error. After reading the message, close the window and proceed. If additional help or information is needed, please contact your Customer Service Representative.
2. User Requirements

The computer requirements for the user to run the TCC Automated Market System are described in this section.

2.1. Computer Hardware and Software

The following are required to run the TCC Automated Market System:

- Latest version of Microsoft Internet Explorer, Mozilla Firefox, Google Chrome, or Microsoft Edge with Java Script enabled
- Minimum 1024 x 768 screen resolution is recommended
- A NAESB compliant digital certificate is required for all users
- A high-speed internet connection

The following software is suggested:

- Microsoft Office 2007 (or later)

2.2. Digital Certificates

All users must have a NAESB compliant digital certificate linked to their MIS user name in order to access NYISO applications. For instructions on obtaining and using a NAESB compliant digital certificate, refer to the NYISO Market Participant User's Guide, available from the NYISO Web site at the following URL:

http://www.nyiso.com/manuals-tech-bulletins-user-guides

2.3. Logging in to the TCC Automated Market System

Some screenshots in this user guide were captured after resizing the application's window. This may have caused the application to wrap within the window and appear slightly different, compared to viewing in a fully-sized browser window. Some screenshots were cropped for ease of presentation.

When using Internet Explorer 9: Opening a report will sometimes cause a new tab to open within the browser. In this case, the user may close the tab and will still remain logged into the system.

To log in to the TCC AMS — MPs and TOs

**Note:** In order to access the TCC Automated Market System, the user must have TCC privileges.

**Public Users:** Refer to Section 18 for public access instructions.
1. From the NYISO webpage (www.nyiso.com), enter the Markets menu (as shown in the following figure).

**Figure 1: NYISO Homepage**

2. Choose the **Transmission Congestion Contracts (TCC)** link, (as shown in the following figure).
Figure 2: NYISO Webpage Highlighting TCC Option under Markets Menu

The page shown in the following figure is displayed.
3. Click the **TCC Market Login** link.

The login page is displayed (as shown in the following figure).

**Figure 4: TCC AMS Login Screen**

Login Required

You are attempting to access a protected resource
Please identify by entering your user ID and password

**User ID:**

**Password:**

[Login]
4. Enter the MIS **User ID** and **Password**.

**Note:** The password is case sensitive.

5. Click the **Login** button or press the **ENTER** key.

The default screen after login is the *Rounds* (as shown in the following figure).

**Figure 5: Default Screen following MP Login**

The menu bar, illustrated in Figure 6, has three items that link to additional screens, *Misc. Reports*, *Upload* and *Log Out* and three items, *Search*, *Offsetting*, and *Queue* have drop-down menus as defined in Figure 7.
The drop-down menus are defined in the following figure.

**Figure 7: Descriptions of TCC AMS Main Menu Options**

<table>
<thead>
<tr>
<th>Search</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rounds</td>
<td>Search Rounds, Generate Round-Based Reports, View Bid/Offer Sets</td>
</tr>
<tr>
<td>Invoices</td>
<td>Search/View Market Award and Revenue Allocation Invoices</td>
</tr>
<tr>
<td>Inventory</td>
<td>View Inventory, Execute Sell a Portion or Change Ownership transactions</td>
</tr>
<tr>
<td>Nominations</td>
<td>TO ETCNL and RCRR Nominations</td>
</tr>
<tr>
<td>DAM NCR Allocation Factors</td>
<td>Search Monthly DAM NCR Allocation Factor information (available only to TOs)</td>
</tr>
<tr>
<td>Transmission Providers</td>
<td>View Transmission Provider Segments used for the DAM NCR Allocation Factor process (available only to TOs)</td>
</tr>
<tr>
<td>Historic Fixed Price TCC</td>
<td>View Historic Fixed Price TCC Revenue data and Generate Round-Based Reports (available only to TOs)</td>
</tr>
<tr>
<td>Revenue</td>
<td>NHFPTCC Certifications</td>
</tr>
<tr>
<td>Certifications</td>
<td>Request TCC to Offset</td>
</tr>
<tr>
<td>Offsetting</td>
<td>View the Status of Requested Offsets</td>
</tr>
<tr>
<td>Queue</td>
<td>View Status of Pending Transactions</td>
</tr>
<tr>
<td>Queue Report</td>
<td>Manage Pending Secondary Market Transactions</td>
</tr>
<tr>
<td>Second Party</td>
<td></td>
</tr>
<tr>
<td>Acknowledgement</td>
<td></td>
</tr>
</tbody>
</table>
To log out of the TCC AMS

1. On the main menu, click the Log Out item (as shown in the following figure).

Figure 8: Logout Menu in TCC AMS

A dialog box appears (as shown in the following figure).

Figure 9: Logout Confirmation Prompt

2. Click the Logout button.

The user is logged out, (as shown in the following figure).
Figure 10: Logout Confirmation Message
3. TCC Automated Market System Roadmap

This section provides the user with a description of the TCC Automated Market System process. The sequence of activities and the roles of the users in each activity are provided.

3.1. Introduction

The purpose of this TCC AMS User Guide is to describe the features that are available to Market Participants and the public. The TCC AMS is intended to provide the users with the information they need and with the ability to manage their TCC holdings.

3.2. Process Flow

The TCC AMS process flow is illustrated by Figure 11 through Figure 19. It is intended to give the user an understanding of how the functions within the TCC AMS interact.

We have separated the process flow into the following parts:

- View Public Reports (Figure 11)
- View MP Reports (Figure 12)
- Bids/Offers; Nominations/Renewals (Figure 13)
- Uploading Bid/Offer; Nominations Sets (Figure 14)
- “Sell a Portion” / “Change Ownership” of a TCC (Figure 15)
- Review Transactions in Progress for “Sell a Portion” or “Change Ownership” Transactions (Figure 16)
- Rescind Transaction (Figure 17)
- Request TCC Cancellation for Collateral Offset (Figure 18)
- ETCNL/RCRR Nominations Flow (Figure 19)
Section 18 of this User Guide describes the View Public Reports functions (as shown in the above figure).

Section 4 of this User Guide describes the View MP Reports functions (as shown in the above figure).
Section 5 of this User Guide describes the Bids/Offers, NHFPTCC nominations and renewals functions (as shown in the above figure).
Section 6 of this User Guide describes the Uploading Bid/Offer; Nomination Sets functions (as shown in the above figure).
Section 9 of this User Guide describes “Sell a Portion” / “Change Ownership” functions (as shown in the above figure).
Section 10 of this User Guide describes Review Transactions in Progress functions (as shown in the above figure).

Figure 17: Rescind Transaction

Section 10 of this User Guide describes the Rescind Transactions functions (as shown in the above figure).
Section 11 of this User Guide describes the Request TCC Cancellation for Collateral Offset functions (as shown in the above figure).

Figure 18: Request TCC Cancellation for Collateral Offset

Section 13 of this User Guide describes the ETCNL/RCRR Nominations functions (as shown in the above figure).
### 3.3. Matrix of Role Privileges

The Matrix of Role Privileges for the TCC Automated Market System is shown in the following table. This matrix lists all of the functions in the TCC Automated Market System and shows the read (R) and write (W) access privileges for each of the users. Each of the listed functions is described in the following sections.

**Note:** TOs are a subset of MPs. When MPs are referenced in this guide, both MPs and TOs may perform that function. When TOs alone are referenced, only TOs may perform that function.

**Figure 20: TCC AMS Role Privileges Matrix**

<table>
<thead>
<tr>
<th>Ref Sect</th>
<th>Functions</th>
<th>MP</th>
<th>TO</th>
<th>Public Users</th>
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</thead>
<tbody>
<tr>
<td>4.0</td>
<td><em>Navigate Auction Rounds and Generate Reports</em></td>
<td></td>
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<td>.1</td>
<td>Navigate Rounds</td>
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<td>R</td>
<td>X</td>
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<tr>
<td>.2</td>
<td>Generate One or More Reports with One or More Auctions</td>
<td>R</td>
<td>R</td>
<td>X</td>
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<tr>
<td>.3</td>
<td>Nodal Prices</td>
<td>R*1</td>
<td>R*1</td>
<td>X</td>
</tr>
<tr>
<td>.4</td>
<td>Awards Summary</td>
<td>R*1</td>
<td>R*1</td>
<td>X</td>
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<tr>
<td>.5</td>
<td>Binding Constraints</td>
<td>R*1</td>
<td>R*1</td>
<td>X</td>
</tr>
<tr>
<td>.6</td>
<td>MP Awards Summary</td>
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<td>R*1</td>
<td>X</td>
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<td>MP Bundled Bid Awards</td>
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<td>R*1</td>
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<td>MP Unbundled Bid Awards</td>
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<td>MP Sale Awards</td>
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<td>W*2</td>
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<td>W*2</td>
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<td>W*3</td>
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<td>Submitting a Set</td>
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<td>.2</td>
<td>View Inventory Details</td>
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<td>.3</td>
<td>Download Inventory Profile</td>
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<td>.4</td>
<td>Download Non-auction Transaction</td>
<td>R</td>
<td>R</td>
<td>X</td>
</tr>
<tr>
<td>.5</td>
<td>Download All Inventory Transactions and Detailed Maintenance</td>
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<td>R</td>
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<td>Secondary Market Transactions</td>
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<td>Sell a Portion of a TCC</td>
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<td>.2</td>
<td>Change Ownership</td>
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<td>R/W</td>
<td>X</td>
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<td>10.0</td>
<td>Managing Queues</td>
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<td>View Transactions in the Queue Report</td>
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<td>View and Approve Transactions in the Second Party Acknowledgement Report</td>
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<td>R/W</td>
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<td>Rescind a Transaction</td>
<td>R/W</td>
<td>R/W</td>
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<td>TCC Offsetting</td>
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<td>Select Offsetting TCCs for Cancellation</td>
<td>R/W</td>
<td>R/W</td>
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</tr>
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<td>View Offset Transactions</td>
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<td>R</td>
<td>X</td>
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<td>Miscellaneous Reports (Non-auction Related)</td>
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<td>.1</td>
<td>Summary of Transmission Contracts</td>
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<td>.2</td>
<td>Detailed Maintenance Extract</td>
<td>R</td>
<td>R</td>
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<td>.3</td>
<td>MW Available for Sale Report</td>
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<td>R</td>
<td>X</td>
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<tr>
<td>Ref Sect</td>
<td>Functions</td>
<td>MP</td>
<td>TO</td>
<td>Public Users</td>
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<td>.4</td>
<td>Revenue by Class Report</td>
<td>X</td>
<td>R</td>
<td>X</td>
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<td>.5</td>
<td>TCC and Grandfathered Rights Report</td>
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<td>R</td>
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<td>TCC Nominations</td>
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</table>

X      No read or write access  
R      Read access only  
R/W    Read and write access
*1 MPs may only see reports that are approved or invalidated after they have been approved
*2 MPs with Bid Authorization
*3 MPs with Offer Authorization
*4 MPs with Bid and/or Offer and/or NHFPTCC Nomination Authorization
*5 MPs with NHFPTCC Nomination Authorization
*6 MPs may only see reports that are approved or invalidated after they have been approved, subject to the prescribed three-month lag in providing such data
*7 MPs may only see records that are approved
4. Navigating Rounds and Generating Reports

Market Participants need digital certificates and appropriate privileges to log in to the TCC AMS to access views through the application.

Public users will be able to access only the public views through the NYISO web site without requiring a digital certificate and without having to log into the TCC AMS as described in Section 15.

All reports may be created in .xlsx or .csv format.

Market Participants are presented a drop down of rounds having a status of Approved or beyond, from which they may choose.

4.1. Navigating Rounds

*Read Access*: MPs

*Write Access*: None

**To navigate rounds**

**Pre-Requisite**: This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under *Section 2.3* before completing the steps below.

1. From the main menu bar, click **Search**, and then click **Rounds** (as shown in the following figure).

**Figure 21: Rounds Option on Search Menu in TCC AMS**

![Step 1]

The Rounds window opens (as shown in the following figure).
2. Perform a search of rounds, specifying criteria as follows:
   a. From the **Year** field, choose **All** or click an individual year
   b. Choose the criteria for **Season**:
      - **All**: Selects all Rounds matching the chosen criteria
      - **Spring**: Spring Centralized TCC Auction Rounds and NHFPTCC Allocation and Renewal Rounds – For TCCs effective May 1st
      - **Summer**: Monthly Reconfiguration Auctions – May to October
      - **Autumn**: Autumn Centralized TCC Auction Rounds and Non-Historic Fixed Price TCC Allocation and Renewal Rounds – For TCCs effective November 1st
      - **Winter**: Monthly Reconfiguration Auctions – November to April
   c. Choose the criteria for **Round Type**:
      - **All**
      - **Centralized TCC Auction**
      - **Monthly Reconfiguration Auction**
      - **Balance-of-Period Auction**
      - **Non-Historic Fixed Price TCC Allocation**
      - **Non-Historic Fixed Price TCC Renewal**
   d. Choose the criteria for **Status**:
      - **All**
      - **In Progress**: Round is currently in progress and has yet to be approved (submittal period can be open during this status).
- **Approved**: Round approved by TCC Market Operations (TMO).
- **Invalidated**: Approved round is no longer valid and a new version of the round must be run.
- **Finalized**: Round has been approved and the period for MPs to dispute results is over. Round is final.

3. Click the **Search** button. The search results are displayed (as shown in the following figure).

**Figure 23: Rounds Search Window Sorting Reports**

![Rounds Search Window Sorting Reports](image)

4. If desired, adjust your view of the search results:
   a. To sort the results, click any column header to reveal the toggle up (▲) and toggle down (▼) buttons. Each click in a column header will toggle the sorting order.
5. Select one or more rounds to be shown in reports.
   - Click once on an individual round to select (repeat as needed),
   - Click once on a selected round to deselect,
   - Click the **Select All** button to select all rounds, or
   - Click the **Clear Selections** button to deselect all.

   **Note:** Selecting multiple records does not require the use of the **CTRL** or **SHIFT** key.

6. To view the Period Key, click on the **Period Key** button.

   The Period Key screen opens (as shown in the following figure).
7. To view the Reports section, click on the **Reports** button.

The Round Reports section opens (as shown in the following figure).

**Figure 26: Report Options for Market Participant Users**

If logged in as a non-TO Market Participant, there are three distinct groups of reports (as shown in the above figure).

a. **View Awards Reports**: Public reports

b. **View Awards MP Reports**: Market Participant Specific Reports

c. **Extracts**: Public reports

**Figure 25: Period Key for Round**

**Note**: The Period Key will show all data associated with all periods that are available within the auction round.
If logged in as a Transmission Owner, there is an additional group of reports (as shown in the following figure).

**Note:** The NHFPTCC Nomination/Renewal Awards Report will only be available for Non-Historic Fixed Price TCC Allocation and Renewal Rounds. The MP Bundled Bid Awards, MP Unbundled Bid Awards and MP Sale Awards Reports are only available for Centralized TCC and Monthly Reconfiguration Auction Rounds.

Figure 27: Report Options for Transmission Owner Users

![Report Options for Transmission Owner Users](image)

**Note:** Accessing the Revenue Allocation Reports (for TOs only) is explained in Sections 4.11 through 4.15.

4.2. Generating One or More Reports with One or More Rounds

**Read Access:** MPs

**Write Access:** None

To generate one or more reports with one or more rounds

**Pre-Requisite:** This procedure assumes that you have already logged on to the TCC AMS and navigated to the Round Search window. If this is not the case, complete the procedures outlined under Sections 2.3 and 4.1, respectively, before completing the steps below.

1. Select one or more rounds (refer to Section 4.1, step 5, if needed).

2. In the Round Reports area, place a checkmark next to one or multiple reports you wish to generate (refer to Figure 28). The user may:
   - Click an individual report checkbox to select that report,
   - Click once on a selected individual report checkbox to deselect, or
Click the All checkbox button for a particular reports section (for example, notice the All checkbox in the View Awards Reports section and the View Awards MP Reports section). This will select all reports in that section; clicking again on the checkbox will deselect.

Note: The MP Field in the View Awards MP Reports area defaults to the user’s organization name.

Figure 28: Rounds Search Window Illustrating Steps in Report Generation

3. From the Format drop-down menu, choose XLSX or CSV.
4. Click the Generate button.

Note: When Generate is selected, the file download window opens (as shown in the following figure). The user has the option to Open, Save or Cancel the report.
5. Click the **Open** button to generate one or more reports with one or more rounds. See Figure 30 through Figure 34 for examples.

When generating a report, if XLSX format is selected the system will create multiple tabs within a workbook round/report combination. If CSV format is selected, the system will create a zip file with a separate file for each round/report combination.

The following figures show different combinations of one or more rounds chosen (in step 1) and one or more reports chosen (in step 2).
Figure 30: Actions and Results of Generating Multiple Reports by Selecting Multiple Rounds

Several rounds selected

Several reports are generated

Figure 31: Results of Generating a Single Report for a Single Round

One round selected

One report type selected
Figure 32: Results of Generating Multiple Reports for a Single Round

![Image showing one round selected with three report types selected.]

Figure 33: Results of Generating a Single Report for Multiple Rounds

![Image showing several rounds selected with one report type selected.]

TCC Automated Market System User’s Guide | 32
4.3. Viewing Nodal Prices

This subsection describes how users may view the Nodal Prices that are available after the awards have been approved. Upon round approval, this report will be posted for public viewing. Section 18 of this User Guide describes how posted information may be viewed by public users.

**Read Access:** MPs

**Write Access:** None
The Nodal Price report provides:

a. Nodal prices by PTID and auction period

b. Capability of calculating auction cost for any TCC = [$/TCCPOW - $/TCCPOI] (see the example in Figure 46).

Note: For TCC's spanning multiple periods the auction costs will be the sum of the auction costs for each period encompassed by the TCC.
4.4. Viewing Awards Summary

This subsection describes how users may view the summary of bundled awards that is available after the awards have been approved. Upon round approval, this report will be posted for public viewing. Section 18 of this User Guide describes how posted information may be viewed by public users.

**Read Access:** MPs

**Write Access:** None

**Figure 37: Awards Summary Report**

The Awards Summary report provides:

a. Summary of awarded TCCs only

b. Number of TCCs

c. $/TCC (period duration)

4.5. Viewing Binding Constraints

This subsection describes how users may view the Binding Constraints that are available after the awards have been approved. Upon round approval, this report will be posted for public viewing. Section 18 of this User Guide describes how posted information may be viewed by public users.

**Read Access:** MPs
Write Access: None

Figure 38: Binding Constraints Report for all TCC Auctions conducted before February 2014 Reconfiguration Auction

The Binding Constraints report provides for each period:

a. Normal loading constraints (where Contingency Elements field = BASE-CASE)

a. Contingency constraints

Note: Beginning with TCC Auctions conducted by the NYISO in 2014 (February 2014 Monthly Reconfiguration Auction), the shadow price for each constraint is included.

4.6. Viewing MP Awards Summary

This subsection describes the private view of MP Awards at a summary level that is available after the awards have been approved. The report may be downloaded as well as viewed. The report is confidential and is available only to the specific MPs who bought or sold the TCC. If this report is generated for multiple rounds, the awards from the chosen rounds will be represented on this single report.

Read Access: MPs (only populated for those who have participated in a round)

Write Access: None
The $ Initial Obligation is used to represent the money due to the MP or owed to the NYISO for rounds which have a duration of one year or less. For rounds with a duration of two years, the payments will be split into two payments where the $ Initial Obligation is what's due after the round and the $ Future Obligation represents what's due when the second annualized payment is invoiced.

**Note:** The sign convention of the dollar figures in rows with an Award Type of "Bid", "NHFPTCC Nomination", and "NHFPTCC Renewal" is that positive dollars indicate money due to the NYISO and negative dollars indicate money owed to the MP. The sign convention of the dollar figures in rows with an Award Type of "Offer" is that positive dollars indicate money owed to the MP and negative dollars indicate money due to the NYISO. Care should be taken when summing the dollar values associated with various Award Types as to apply a consistent sign convention.

### 4.7. Viewing MP Bundled Bid Awards

This subsection describes the private view of MP Awards resulting from their bids that is available after the awards have been approved. This report will display the awarded bids that exist before the unbundling process has potentially disaggregated awards into multiple unbundled components. The report may be downloaded as well as viewed. The report is confidential and is available only to the specific MPs who bought the TCC.
Reports will be populated with data if any bid awards were made in the selected round(s).

**Read Access:** MPs

**Write Access:** None

Figure 40: MP Bundled Bid Awards Report (shown in two parts)

### 4.8. Viewing MP Unbundled Bid Awards

This subsection describes the private view of MP Bid Awards resulting after the unbundling process and is available after the awards have been approved. This report will display all awarded components of bids whether stemming from a bid that was unbundled or from a bid that remained bundled. The report may be downloaded as well as viewed. The report is confidential and is available only to the specific MPs who bought the TCC.

Reports will be populated with data if any bid awards were made in the selected round(s).

**Read Access:** MPs
Write Access: None

Figure 41: MP Unbundled Bid Awards Report (shown in two parts)

Note: The permanent Inventory ID is provided in the MP Unbundled Awards report only.

4.9. Viewing MP Sale Awards

This subsection describes how upon award approval, MPs who offered to sell and received awards will be able to view their specific awards at the detail level. The report may be downloaded as well as viewed. The report is confidential and is available only to the specific MPs who sold the TCC.

Reports will be populated with data if any offer awards were made in the selected round(s).

Read Access: MPs

Write Access: None
4.10. Viewing NHFPTCC Nomination/Renewal Awards

This subsection describes the private view of MP Awards resulting from their Non-Historic Fixed Price TCC nominations or renewals that are available after the awards have been approved. This report will display the awarded nominations and renewals that exist for the Non-Historic Fixed Price Allocation or Renewal round. The report may be downloaded as well as viewed. The report is confidential and is available only to the specific MPs who bought the Non-Historic Fixed Price TCC.

Reports will be populated with data if any awards were made in the selected round(s).

Read Access: MPs

Write Access: None

4.11. Viewing Revenue Allocation Summary

This subsection describes the creation and viewing of the Revenue Allocation Summary Report. This report is available to TOs only and provides a summary view of the Revenue Allocation process for an auction round. All TOs may view this report and see how the revenue is distributed to each TO broken down by revenue class.
**Note:** If multiple versions of Revenue Allocation results exist for a given round (i.e., one or more sets of Revenue Allocation results have been invalidated for the round), all versions will be generated, each as a separate report, when the user requests to create a Revenue Allocation report. The user should take care to notice the Revenue Allocation Status and Revenue Allocation Version fields found in the report header to identify which version of the Revenue Allocation results they are viewing.

**Read Access:** TOs

**Write Access:** None

### Figure 44: Revenue Allocation Summary Report

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<th>Period Name</th>
<th>Start Date</th>
<th>End Date</th>
<th>TO_Name</th>
<th>Initial/Future Obligation</th>
<th>Original Residual</th>
<th>TCC Revenue</th>
<th>EFCNL Revenue</th>
<th>Net Period Revenue</th>
<th>Revenue Shortfall Charges/Surplus Payments</th>
<th>Total</th>
<th>Net Period Revenue Allocation Factor</th>
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<td>Summer 2015 - Winter 2015-2016</td>
<td>04/01/2015</td>
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**Round Summary**

Season: Spring  
Round Type: Centralized TCC Auction  
Year: 2015  
Stage: a  
Round: 1  
Class: 0  
Version: 1  
Status: Finalized  
Title: Round 3 - One Year TCCs

Report Created: 10/01/2015 10:00:11

### Figure 45: Revenue Allocation Summary Report with Invalidated Status

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<th>End Date</th>
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<th>Initial/Future Obligation</th>
<th>Original Residual</th>
<th>TCC Revenue</th>
<th>EFCNL Revenue</th>
<th>Net Period Revenue</th>
<th>Revenue Shortfall Charges/Surplus Payments</th>
<th>Total</th>
<th>Net Period Revenue Allocation Factor</th>
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**Round Summary**

Season: Spring  
Round Type: Centralized TCC Auction  
Year: 2015  
Stage: a  
Round: 1  
Class: 0  
Version: 1  
Status: Finalized  
Title: Round 3 - One Year TCCs

Report Created: 10/01/2015 10:02:11
4.12. Viewing Original Residual TCCs and ETCNL Revenue

This subsection describes the creation and viewing of the Original Residual TCCs and ETCNL Revenue Report. This report is available to TOs only and provides revenue information originating from the sale of ETCNL and Original Residual TCCs in a round. All TOs may view this report and see the complete set of calculations.

**Note:** If multiple versions of Revenue Allocation results exist for a given round (i.e., one or more sets of Revenue Allocation results have been invalidated for the round), all versions will be generated, each as a separate report, when the user requests to create a Revenue Allocation report. The user should take care to notice the Revenue Allocation Status and Revenue Allocation Version fields found in the report header to identify which version of the Revenue Allocation results they are viewing.

**Read Access:** TOs

**Write Access:** None

Figure 46: Original Residual TCCs and ETCNL Revenue Report

4.13. Viewing Revenue Shortfall Charges/Surplus Payments

This subsection describes the creation and viewing of the Revenue Shortfall Charges/Surplus Payments Report. This report is available to TOs only and provides revenue shortfall charges or surplus payments for a particular TO related to a Facility Status Change. All TOs may view this report and see the complete set of calculations.
Note: If multiple versions of Revenue Allocation results exist for a given round (i.e., one or more sets of Revenue Allocation results have been invalidated for the round), all versions will be generated, each as a separate report, when the user requests to create a Revenue Allocation report. The user should take care to notice the Revenue Allocation Status and Revenue Allocation Version fields found in the report header to identify which version of the Revenue Allocation results they are viewing.

Read Access: TOs

Write Access: None

Figure 47: Revenue Shortfall Charges/Surplus Payments Report

<table>
<thead>
<tr>
<th>Period ID</th>
<th>Period Name</th>
<th>Start Date</th>
<th>End Date</th>
<th>TO Name</th>
<th>Initial Charge/Payment Amount ($)</th>
<th>Future Charge/Payment Amount ($)</th>
<th>Facility Status Change Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>BT Negative</td>
<td>04/01/2017</td>
<td>04/30/2017</td>
<td>TO_Name1</td>
<td>$(6,130.27)</td>
<td>0.00</td>
<td>DERATE</td>
<td>Test</td>
</tr>
<tr>
<td>1</td>
<td>BT Negative</td>
<td>04/01/2017</td>
<td>04/30/2017</td>
<td>TO_Name2</td>
<td>$33,767.03</td>
<td>0.00</td>
<td>OUTAGE</td>
<td>Test</td>
</tr>
<tr>
<td>1</td>
<td>BT Negative</td>
<td>04/01/2017</td>
<td>04/30/2017</td>
<td>TO_Name3</td>
<td>$(30,600.00)</td>
<td>0.00</td>
<td>RETURN-TO-SERVICE</td>
<td>Test</td>
</tr>
<tr>
<td>1</td>
<td>BT Negative</td>
<td>04/01/2017</td>
<td>04/30/2017</td>
<td>TO_Name3</td>
<td>$(16,589.00)</td>
<td>0.00</td>
<td>OTHER</td>
<td>Test</td>
</tr>
<tr>
<td>1</td>
<td>BT Negative</td>
<td>04/01/2017</td>
<td>04/30/2017</td>
<td>TO_Name8</td>
<td>$(11,170.94)</td>
<td>0.00</td>
<td>UPDATE</td>
<td>Test, Range</td>
</tr>
<tr>
<td>1</td>
<td>BT Negative</td>
<td>04/01/2017</td>
<td>04/30/2017</td>
<td>TO_Name8</td>
<td>$26,150.84</td>
<td>0.00</td>
<td>OUTAGE</td>
<td>Test, Range</td>
</tr>
<tr>
<td>1</td>
<td>BT Negative</td>
<td>04/01/2017</td>
<td>04/30/2017</td>
<td>TO_Name9</td>
<td>$(37,179.79)</td>
<td>0.00</td>
<td>DERATE</td>
<td>Derate of the Central East Interface</td>
</tr>
<tr>
<td>1</td>
<td>BT Negative</td>
<td>04/01/2017</td>
<td>04/30/2017</td>
<td>TO_Name9</td>
<td>$3,637.50</td>
<td>0.00</td>
<td>RETURN-TO-SERVICE</td>
<td>Test</td>
</tr>
<tr>
<td>1</td>
<td>BT Negative</td>
<td>04/01/2017</td>
<td>04/30/2017</td>
<td>TO_Name6</td>
<td>$27,753.61</td>
<td>0.00</td>
<td>UPDATE</td>
<td>Test, Range</td>
</tr>
<tr>
<td>1</td>
<td>BT Negative</td>
<td>04/01/2017</td>
<td>04/30/2017</td>
<td>TO_Name5</td>
<td>$(14,639.95)</td>
<td>0.00</td>
<td>OTHER</td>
<td>Test, Range</td>
</tr>
<tr>
<td>1</td>
<td>BT Negative</td>
<td>04/01/2017</td>
<td>04/30/2017</td>
<td>TO_Name6</td>
<td>$(55,137.79)</td>
<td>0.00</td>
<td>OUTAGE</td>
<td>Test, Data</td>
</tr>
<tr>
<td>1</td>
<td>BT Negative</td>
<td>04/01/2017</td>
<td>04/30/2017</td>
<td>TO_Name6</td>
<td>$(47,045.09)</td>
<td>0.00</td>
<td>RETURN-TO-SERVICE</td>
<td>Test, Data</td>
</tr>
<tr>
<td>1</td>
<td>BT Negative</td>
<td>04/01/2017</td>
<td>04/30/2017</td>
<td>TO_Name6</td>
<td>$(6,144.14)</td>
<td>0.00</td>
<td>UPDATE</td>
<td>Test, Range</td>
</tr>
</tbody>
</table>

| Period 1 Total | | | | | $(56,792.82) | 0.00 | DERATE |
| Total          | | | | | $(56,792.82) | 0.00 |              |

4.14. Viewing Facility Flow-Based Methodology

This subsection describes the creation and viewing of the Facility Flow-Based (FFB) Methodology Report. For each period with positive net period revenue (also referred to as Net Auction Revenue), the net period revenue (NPR) allocation factor is computed for each TO using the FFB methodology. The FFB Methodology compares the flows from the initial Optimal Power Flow (OPF) for an auction and the relevant solved auction round OPF for the same auction conditions and assigns a currency value based on the prices on those flows. This report is available to TOs only and provides details of those flows including the Facility Flow Values for each facility/TO combination. All TOs may view this report and see the complete set of calculations. If all periods within the round have negative NPR, then this report will contain the header, footer, and column headings, but the data rows in the main table will be blank.
**Note:** If multiple versions of Revenue Allocation results exist for a given round (i.e., one or more sets of Revenue Allocation results have been invalidated for the round), all versions will be generated, each as a separate report, when the user requests to create a Revenue Allocation report. The user should take care to notice the Revenue Allocation Status and Revenue Allocation Version fields found in the report header to identify which version of the Revenue Allocation results they are viewing.

**Read Access:** TOs

**Write Access:** None

**Figure 48: Facility Flow-Based Methodology Report**

### 4.15. Viewing Negative Net Period Revenue Methodology

This subsection describes the creation and viewing of the Negative Net Period Revenue (NNPR) Methodology Report. For each period with negative net period revenue (also referred to as Net Auction Revenue), the NPR allocation factor is computed for each TO using the NNPR methodology. This report is available to TOs only and contains two tabs: the first is the Negative Net Period Revenue Methodology Report which summarizes the calculation of the NPR allocation factors and the second is the Grandfathered Agreements and Direct Sales Imputed Value Report which details the calculation of the imputed value of each Transmission Provider Segment (Grandfathered contract or Direct Sale) using the pricing information from the auction periods selected as source data. All TOs may view this report and see the complete set of calculations. If all periods within the round have positive NPR, then both report tabs will contain headers, footers, and column headings, but the data rows in the main tables will be blank.

**Note:** If multiple versions of Revenue Allocation results exist for a given round (i.e., one or more sets of Revenue Allocation results have been invalidated for the round), all versions will be generated, each as a separate report, when the user requests to create a Revenue Allocation report. The user should take care to notice the Revenue Allocation Status and Revenue Allocation Version fields found in the report header to identify which version of the Revenue Allocation results they are viewing.

**Read Access:** TOs
Write Access: None

Figure 49: Negative Net Period Revenue Methodology Report

<table>
<thead>
<tr>
<th>Period (d)</th>
<th>Period Name</th>
<th>TD Name</th>
<th>Imputed Values of Cdu/Demand Balances</th>
<th>Original/Individual TCC Revenue</th>
<th>CT/NM Revenue</th>
<th>Net Period Revenue</th>
<th>dH/FCC Revenue</th>
<th>Revenue Unallocation &amp; Changes</th>
<th>Revenue Allocation Version</th>
<th>Net Period Revenue Allocation Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 BRT Negative</td>
<td>TD_Name_rev_1</td>
<td>$1,221,046.91</td>
<td>$0.00</td>
<td>$4,319,090.15</td>
<td>$0.00</td>
<td>$532,959,627.97</td>
<td>$0.00</td>
<td>$74,432,084.43</td>
<td>$2,751,185,320</td>
<td>$2,751,185,320</td>
</tr>
<tr>
<td>1 BRT Negative</td>
<td>TD_Name_rev_2</td>
<td>$1,221,046.91</td>
<td>$0.00</td>
<td>$4,319,090.15</td>
<td>$0.00</td>
<td>$532,959,627.97</td>
<td>$0.00</td>
<td>$74,432,084.43</td>
<td>$2,751,185,320</td>
<td>$2,751,185,320</td>
</tr>
<tr>
<td>1 BRT Negative</td>
<td>TD_Name_rev_3</td>
<td>$1,221,046.91</td>
<td>$0.00</td>
<td>$4,319,090.15</td>
<td>$0.00</td>
<td>$532,959,627.97</td>
<td>$0.00</td>
<td>$74,432,084.43</td>
<td>$2,751,185,320</td>
<td>$2,751,185,320</td>
</tr>
<tr>
<td>1 BRT Negative</td>
<td>TD_Name_rev_4</td>
<td>$1,221,046.91</td>
<td>$0.00</td>
<td>$4,319,090.15</td>
<td>$0.00</td>
<td>$532,959,627.97</td>
<td>$0.00</td>
<td>$74,432,084.43</td>
<td>$2,751,185,320</td>
<td>$2,751,185,320</td>
</tr>
<tr>
<td>1 BRT Negative</td>
<td>TD_Name_rev_5</td>
<td>$1,221,046.91</td>
<td>$0.00</td>
<td>$4,319,090.15</td>
<td>$0.00</td>
<td>$532,959,627.97</td>
<td>$0.00</td>
<td>$74,432,084.43</td>
<td>$2,751,185,320</td>
<td>$2,751,185,320</td>
</tr>
<tr>
<td>1 BRT Negative</td>
<td>TD_Name_rev_6</td>
<td>$1,221,046.91</td>
<td>$0.00</td>
<td>$4,319,090.15</td>
<td>$0.00</td>
<td>$532,959,627.97</td>
<td>$0.00</td>
<td>$74,432,084.43</td>
<td>$2,751,185,320</td>
<td>$2,751,185,320</td>
</tr>
<tr>
<td>1 BRT Negative</td>
<td>TD_Name_rev_7</td>
<td>$1,221,046.91</td>
<td>$0.00</td>
<td>$4,319,090.15</td>
<td>$0.00</td>
<td>$532,959,627.97</td>
<td>$0.00</td>
<td>$74,432,084.43</td>
<td>$2,751,185,320</td>
<td>$2,751,185,320</td>
</tr>
</tbody>
</table>

Note: The second table in this report shows the rounds and periods from which revenue allocation data was retrieved for use in the computation of the Net Period Revenue Allocation Factors using the Negative Net Period Revenue Methodology. The Source Revenue Allocation version is the version number of the Revenue Allocation results used as source data in this computation.
Figure 50: Grandfathered Agreements and Direct Sales Imputed Value Report

Note: The second table in this report shows the Source Pricing Periods. The nodal prices from the periods listed in this table are used to determine the Imputed Value for each Transmission Provider Segment.

4.16. Viewing Masked Bids and Offers

This subsection describes the creation and viewing of the Masked Bids and Offers report that is available after an auction's awards have been processed and approved and a three month waiting period has passed. The three month waiting period is applied as follows: the round's bid/offer submittal period end date must be less than the date that is three months prior to the first of the current month for the round's masked bid/offer data to be available. Example: If the current date is 10/4/17, then the first of the month is 10/1/17. The date three months prior is 7/1/17. All posted auction rounds with bid/offer submittal period end dates equal to 6/30/17 or earlier will be available.

This report is available to both MPs and TOs. This report can be generated for all auction round types (excludes Non-Historic Fixed Price TCC Allocation and Renewal rounds). Section 18 of this User's Guide describes how posted information may be viewed by public users.
Note: Masked bid/offer data will also continue to be published on the NYISO website at the following location: http://mis.nyiso.com/public/P-27list.htm.

Read Access: MPs and TOs

Write Access: None

Figure 51: Masked Bids and Offers Report

<table>
<thead>
<tr>
<th>Period ID</th>
<th>Period Name</th>
<th>Start Date</th>
<th>End Date</th>
<th>Group ID</th>
<th>Masked Participant ID</th>
<th>Masked Source ID</th>
<th>Masked Sink ID</th>
<th>Bid/Offer MW</th>
<th>Bid/Offer $</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 March 2017</td>
<td>03/01/2017</td>
<td>03/13/2017</td>
<td>3734973</td>
<td>837</td>
<td>537</td>
<td>52</td>
<td>1</td>
<td>($0.28) 32 Offer</td>
<td></td>
</tr>
<tr>
<td>4 April 2017</td>
<td>04/01/2017</td>
<td>04/10/2017</td>
<td>3734974</td>
<td>837</td>
<td>537</td>
<td>52</td>
<td>1</td>
<td>($0.18) 24 Offer</td>
<td></td>
</tr>
<tr>
<td>5 April 2017</td>
<td>05/01/2017</td>
<td>05/10/2017</td>
<td>3734975</td>
<td>838</td>
<td>537</td>
<td>52</td>
<td>1</td>
<td>($0.05) 16 Offer</td>
<td></td>
</tr>
<tr>
<td>2 February 2017</td>
<td>02/13/2017</td>
<td>02/28/2017</td>
<td>3734877</td>
<td>838</td>
<td>537</td>
<td>52</td>
<td>1</td>
<td>($0.18) 24 Offer</td>
<td></td>
</tr>
<tr>
<td>3 March 2017</td>
<td>03/01/2017</td>
<td>03/13/2017</td>
<td>3734881</td>
<td>838</td>
<td>537</td>
<td>52</td>
<td>1</td>
<td>($0.18) 24 Offer</td>
<td></td>
</tr>
<tr>
<td>4 April 2017</td>
<td>04/01/2017</td>
<td>04/10/2017</td>
<td>3734879</td>
<td>838</td>
<td>537</td>
<td>52</td>
<td>1</td>
<td>($0.18) 24 Offer</td>
<td></td>
</tr>
<tr>
<td>5 April 2017</td>
<td>05/01/2017</td>
<td>05/10/2017</td>
<td>3734903</td>
<td>838</td>
<td>537</td>
<td>52</td>
<td>1</td>
<td>($0.18) 24 Offer</td>
<td></td>
</tr>
<tr>
<td>2 February 2017</td>
<td>02/13/2017</td>
<td>02/28/2017</td>
<td>3734132</td>
<td>524</td>
<td>20</td>
<td>58</td>
<td>1</td>
<td>$1,222.85 Offer</td>
<td></td>
</tr>
<tr>
<td>3 March 2017</td>
<td>03/01/2017</td>
<td>03/13/2017</td>
<td>3734137</td>
<td>524</td>
<td>20</td>
<td>58</td>
<td>1</td>
<td>$1,222.85 Offer</td>
<td></td>
</tr>
<tr>
<td>4 April 2017</td>
<td>04/01/2017</td>
<td>04/10/2017</td>
<td>3734139</td>
<td>524</td>
<td>20</td>
<td>58</td>
<td>1</td>
<td>$1,222.85 Offer</td>
<td></td>
</tr>
<tr>
<td>5 April 2017</td>
<td>05/01/2017</td>
<td>05/10/2017</td>
<td>3730903</td>
<td>554</td>
<td>42</td>
<td>572</td>
<td>1</td>
<td>$20.16 Offer</td>
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</tr>
<tr>
<td>2 February 2017</td>
<td>02/13/2017</td>
<td>02/28/2017</td>
<td>3730812</td>
<td>554</td>
<td>42</td>
<td>572</td>
<td>1</td>
<td>$20.16 Offer</td>
<td></td>
</tr>
<tr>
<td>3 March 2017</td>
<td>03/01/2017</td>
<td>03/13/2017</td>
<td>3731433</td>
<td>554</td>
<td>20</td>
<td>58</td>
<td>1</td>
<td>$1,222.33 Offer</td>
<td></td>
</tr>
<tr>
<td>4 April 2017</td>
<td>04/01/2017</td>
<td>04/10/2017</td>
<td>3737886</td>
<td>535</td>
<td>4</td>
<td>364</td>
<td>1</td>
<td>$6,500.00 Bid</td>
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</tr>
<tr>
<td>5 April 2017</td>
<td>05/01/2017</td>
<td>05/10/2017</td>
<td>3737897</td>
<td>535</td>
<td>4</td>
<td>364</td>
<td>1</td>
<td>$10,000.00 Bid</td>
<td></td>
</tr>
<tr>
<td>2 February 2017</td>
<td>02/13/2017</td>
<td>02/28/2017</td>
<td>3737722</td>
<td>536</td>
<td>5</td>
<td>564</td>
<td>1</td>
<td>$5,000.00 Bid</td>
<td></td>
</tr>
<tr>
<td>3 March 2017</td>
<td>03/01/2017</td>
<td>03/13/2017</td>
<td>3737984</td>
<td>536</td>
<td>4</td>
<td>364</td>
<td>1</td>
<td>$10,000.00 Bid</td>
<td></td>
</tr>
<tr>
<td>4 April 2017</td>
<td>04/01/2017</td>
<td>04/10/2017</td>
<td>3737989</td>
<td>536</td>
<td>4</td>
<td>364</td>
<td>1</td>
<td>$10,000.00 Bid</td>
<td></td>
</tr>
<tr>
<td>5 April 2017</td>
<td>05/01/2017</td>
<td>05/10/2017</td>
<td>3737885</td>
<td>537</td>
<td>4</td>
<td>364</td>
<td>1</td>
<td>$6,500.00 Bid</td>
<td></td>
</tr>
<tr>
<td>2 February 2017</td>
<td>02/13/2017</td>
<td>02/28/2017</td>
<td>3737830</td>
<td>560</td>
<td>51</td>
<td>45</td>
<td>3</td>
<td>($1,400.00) Bid</td>
<td></td>
</tr>
<tr>
<td>3 March 2017</td>
<td>03/01/2017</td>
<td>03/13/2017</td>
<td>3737834</td>
<td>560</td>
<td>51</td>
<td>45</td>
<td>3</td>
<td>($1,400.00) Bid</td>
<td></td>
</tr>
<tr>
<td>4 April 2017</td>
<td>04/01/2017</td>
<td>04/10/2017</td>
<td>3737824</td>
<td>561</td>
<td>51</td>
<td>45</td>
<td>3</td>
<td>($1,250.00) Bid</td>
<td></td>
</tr>
<tr>
<td>5 April 2017</td>
<td>05/01/2017</td>
<td>05/10/2017</td>
<td>3737824</td>
<td>561</td>
<td>51</td>
<td>45</td>
<td>3</td>
<td>($1,250.00) Bid</td>
<td></td>
</tr>
</tbody>
</table>

4.17 Viewing PAR Flows

This subsection describes the creation and viewing of the PAR Flows report that are available after the awards have been approved. Upon round approval, this report will be posted for public viewing. This report is available to both MPs and TOs. This report can be generated for all auction round types (excluding Non-Historic Fixed Price TCC Allocation and Renewal rounds). Section 18 of this User’s Guide describes how posted information may be viewed by public users.
**Figure 52: PAR Flows Report**

**TCC Auction PAR Flows**

**Phase Angle Regulating (PAR) Transformer MW Flows**

<table>
<thead>
<tr>
<th>Period ID</th>
<th>Period Name</th>
<th>Start Date</th>
<th>End Date</th>
<th>PAR Name</th>
<th>PTID</th>
<th>From Bus ID</th>
<th>From Bus Name</th>
<th>To Bus ID</th>
<th>To Bus Name</th>
<th>To KV</th>
<th>Circuit ID</th>
<th>Control Type</th>
<th>Side</th>
<th>MW Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 December 2016</td>
<td>12/01/2016</td>
<td>12/12/2017</td>
<td>ACADIA_13BA_13BB_PAR1</td>
<td>323531</td>
<td>1</td>
<td>ACADIA</td>
<td>138</td>
<td>3</td>
<td>ACADIA</td>
<td>138 1</td>
<td>Optimized</td>
<td>FROM</td>
<td>51.5</td>
<td></td>
</tr>
<tr>
<td>12 December 2016</td>
<td>12/01/2016</td>
<td>12/12/2017</td>
<td>ACADIA_13BA_13BB_PAR1</td>
<td>325710</td>
<td>2</td>
<td>ACADIA</td>
<td>138</td>
<td>4</td>
<td>ACADIA</td>
<td>138 1</td>
<td>Optimized</td>
<td>FROM</td>
<td>90.6</td>
<td></td>
</tr>
<tr>
<td>12 December 2016</td>
<td>12/01/2016</td>
<td>12/12/2017</td>
<td>JASTANNEX_13BA_13BB_PAR1</td>
<td>325818</td>
<td>0</td>
<td>JASTANNEX</td>
<td>138</td>
<td>7</td>
<td>JASTANNEX</td>
<td>138 1</td>
<td>Optimized</td>
<td>FROM</td>
<td>70.6</td>
<td></td>
</tr>
<tr>
<td>12 December 2016</td>
<td>12/01/2016</td>
<td>12/12/2017</td>
<td>CORONA_13BA_13BB_PAR1</td>
<td>325821</td>
<td>72</td>
<td>CORONA</td>
<td>138</td>
<td>73</td>
<td>CORONA</td>
<td>138 1</td>
<td>Optimized</td>
<td>FROM</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>12 December 2016</td>
<td>12/01/2016</td>
<td>12/12/2017</td>
<td>CORONA_13BA_13BB_PAR1</td>
<td>325822</td>
<td>72</td>
<td>CORONA</td>
<td>138</td>
<td>73</td>
<td>CORONA</td>
<td>138 1</td>
<td>Optimized</td>
<td>FROM</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>12 December 2016</td>
<td>12/01/2016</td>
<td>12/12/2017</td>
<td>EASTRVR_999_999_PAR1</td>
<td>325830</td>
<td>93</td>
<td>EASTRVR</td>
<td>69</td>
<td>91</td>
<td>EASTRVR</td>
<td>69 1</td>
<td>Optimized</td>
<td>FROM</td>
<td>44</td>
<td></td>
</tr>
<tr>
<td>12 December 2016</td>
<td>12/01/2016</td>
<td>12/12/2017</td>
<td>EASTRVR_999_999_PAR1</td>
<td>325831</td>
<td>94</td>
<td>EASTRVR</td>
<td>69</td>
<td>91</td>
<td>EASTRVR</td>
<td>69 1</td>
<td>Optimized</td>
<td>FROM</td>
<td>44</td>
<td></td>
</tr>
<tr>
<td>12 December 2016</td>
<td>12/01/2016</td>
<td>12/12/2017</td>
<td>EASTRVR_999_999_PAR1</td>
<td>325832</td>
<td>95</td>
<td>EASTRVR</td>
<td>69</td>
<td>91</td>
<td>EASTRVR</td>
<td>69 1</td>
<td>Optimized</td>
<td>FROM</td>
<td>44</td>
<td></td>
</tr>
<tr>
<td>12 December 2016</td>
<td>12/01/2016</td>
<td>12/12/2017</td>
<td>EASTRVR_999_999_PAR1</td>
<td>325833</td>
<td>90</td>
<td>EASTRVR</td>
<td>69</td>
<td>91</td>
<td>EASTRVR</td>
<td>69 1</td>
<td>Optimized</td>
<td>FROM</td>
<td>44</td>
<td></td>
</tr>
<tr>
<td>12 December 2016</td>
<td>12/01/2016</td>
<td>12/12/2017</td>
<td>FARRAGUT_13M_13M_PAR1</td>
<td>325043</td>
<td>121</td>
<td>FARRAGUT</td>
<td>345</td>
<td>121</td>
<td>FARRAGUT</td>
<td>345 1</td>
<td>Optimized</td>
<td>FROM</td>
<td>44</td>
<td></td>
</tr>
<tr>
<td>12 December 2016</td>
<td>12/01/2016</td>
<td>12/12/2017</td>
<td>FARRAGUT_13M_13M_PAR1</td>
<td>325044</td>
<td>123</td>
<td>FARRAGUT</td>
<td>345</td>
<td>121</td>
<td>FARRAGUT</td>
<td>345 1</td>
<td>Optimized</td>
<td>FROM</td>
<td>44</td>
<td></td>
</tr>
</tbody>
</table>

**Round Summary**

<table>
<thead>
<tr>
<th>Season</th>
<th>Round Type</th>
<th>Year</th>
<th>Stage</th>
<th>Round</th>
<th>Class</th>
<th>Version</th>
<th>Round Status</th>
<th>Round Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winter Reconfiguration</td>
<td>2016</td>
<td>b</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>Approved</td>
<td>December 2016</td>
<td></td>
</tr>
</tbody>
</table>

**Read Access:** MPs and TOs

**Write Access:** None
5. Managing Bid/Offer; Nomination/Renewal Sets Through Screens

**Pre-Requisite:** Section 5 assumes the user has logged on to the TCC AMS. If this is not the case, complete the procedure outlined in Section 2.3.

5.1. Viewing Bid/Offer; Nomination/Renewal Sets

You can navigate to the Sets screen for any round for which you have submitted Bid/Offer Sets for that auction round or if the round’s submittal period is open and you have privileges to bid or offer. You can also navigate to the Sets screen for any Non-Historic Fixed Price TCC Allocation or Renewal rounds for which you have submitted Nominations or Renewals or if the round’s submittal period is open and you have the privileges to nominate/renew.

**Read Access:** MPs

**Write Access:** MPs with Bid or Offer or NHFPTCC Nomination Authorization (based on the round type)

*To navigate to the Set window*

1. From the main menu bar, click **Search**, and then click **Rounds** (as shown in the following figure).

**Figure 53: Rounds Option on Search Menu in TCC AMS**

![Image of the TCC AMS interface with the rounds option highlighted.](image)

Step 1

The Search Rounds window opens (as shown in the following figure).
2. Perform a search of rounds, specifying criteria as follows:

a. From the **Year** field, choose **All** or click an individual year

b. Choose the criteria for **Season**:
   - **All**: Selects all Rounds matching the chosen criteria
   - **Spring**: Spring Centralized TCC Auction Rounds and NHFPTCC Allocation and Renewal Rounds – Period starts in May
   - **Summer**: Monthly Reconfiguration Auctions and Balance-of-Period Auctions – May to October
   - **Autumn**: Autumn Centralized TCC Auction Rounds and Non-Historic Fixed Price TCC Allocation and Renewal Rounds – Period starts in November
   - **Winter**: Monthly Reconfiguration Auctions and Balance-of-Period Auctions – November to April

c. Choose the criteria for **Round Type**:
   - **All**
   - **Centralized TCC Auction**
   - **Monthly Reconfiguration Auction**
   - **Balance-of-Period Auction**
   - **Non-Historic Fixed Price TCC Allocation**
   - **Non-Historic Fixed Price TCC Renewal**

d. Choose the criteria for **Status**:
   - **All**
- **In Progress**: Round is currently in progress and has yet to be approved (submittal period can be open during this status)
- **Approved**: Round approved by TMO.
- **Invalidated**: Approved round is no longer valid and a new version of the round must be run
- **Finalized**: Round has been approved and the period for MPs to dispute results is over. Round is final

3. Click the **Search** button.

The search results are displayed (as shown in the following figure).

**Figure 55: Search Rounds Results**

<table>
<thead>
<tr>
<th>Year</th>
<th>Type</th>
<th>Round</th>
<th>Round ID</th>
<th>Version</th>
<th>Status</th>
<th>Submittal Period Start</th>
<th>Submittal Period End</th>
<th>Period Key</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012 Spring</td>
<td>Centralized TCC Auction</td>
<td>Round 6 - Six Month TCC</td>
<td>6</td>
<td>1</td>
<td>Finalized</td>
<td>03/30/2012 08:00</td>
<td>04/02/2012 17:00</td>
<td>2012</td>
<td>Spring</td>
</tr>
<tr>
<td>2012 Spring</td>
<td>Centralized TCC Auction</td>
<td>Round 5 - Six Month TCC</td>
<td>5</td>
<td>1</td>
<td>Finalized</td>
<td>03/22/2012 08:00</td>
<td>03/24/2012 17:00</td>
<td>2012</td>
<td>Spring</td>
</tr>
<tr>
<td>2012 Spring</td>
<td>Centralized TCC Auction</td>
<td>Round 4 - Six Month TCC</td>
<td>4</td>
<td>1</td>
<td>Finalized</td>
<td>03/19/2012 08:00</td>
<td>03/22/2012 17:00</td>
<td>2012</td>
<td>Spring</td>
</tr>
<tr>
<td>2012 Spring</td>
<td>Centralized TCC Auction</td>
<td>Round 3 - One Year TCC</td>
<td>3</td>
<td>1</td>
<td>Finalized</td>
<td>03/02/2012 08:00</td>
<td>03/05/2012 17:00</td>
<td>2012</td>
<td>Spring</td>
</tr>
<tr>
<td>2012 Spring</td>
<td>Centralized TCC Auction</td>
<td>Round 2 - One Year TCC</td>
<td>2</td>
<td>1</td>
<td>Finalized</td>
<td>02/25/2012 08:00</td>
<td>02/27/2012 17:00</td>
<td>2012</td>
<td>Spring</td>
</tr>
<tr>
<td>2012 Spring</td>
<td>Centralized TCC Auction</td>
<td>Round 1 - One Year TCC</td>
<td>1</td>
<td>1</td>
<td>Finalized</td>
<td>02/19/2012 08:00</td>
<td>02/21/2012 17:00</td>
<td>2012</td>
<td>Spring</td>
</tr>
<tr>
<td>2011 Summer</td>
<td>Monthly Reconfiguration Auction</td>
<td>October 2011</td>
<td>10</td>
<td>1</td>
<td>Finalized</td>
<td>09/14/2011 08:00</td>
<td>09/17/2011 17:00</td>
<td>2011</td>
<td>Summer</td>
</tr>
<tr>
<td>2011 Summer</td>
<td>Monthly Reconfiguration Auction</td>
<td>September 2011</td>
<td>9</td>
<td>1</td>
<td>Finalized</td>
<td>08/12/2011 08:00</td>
<td>08/15/2011 17:00</td>
<td>2011</td>
<td>Summer</td>
</tr>
<tr>
<td>2011 Summer</td>
<td>Monthly Reconfiguration Auction</td>
<td>August 2011</td>
<td>8</td>
<td>1</td>
<td>Finalized</td>
<td>07/15/2011 08:00</td>
<td>07/18/2011 17:00</td>
<td>2011</td>
<td>Summer</td>
</tr>
<tr>
<td>2011 Summer</td>
<td>Monthly Reconfiguration Auction</td>
<td>July 2011</td>
<td>7</td>
<td>1</td>
<td>Finalized</td>
<td>06/17/2011 08:00</td>
<td>06/20/2011 17:00</td>
<td>2011</td>
<td>Summer</td>
</tr>
<tr>
<td>2011 Summer</td>
<td>Monthly Reconfiguration Auction</td>
<td>June 2011</td>
<td>6</td>
<td>1</td>
<td>Finalized</td>
<td>05/30/2011 08:00</td>
<td>05/31/2011 17:00</td>
<td>2011</td>
<td>Summer</td>
</tr>
<tr>
<td>2011 Summer</td>
<td>Monthly Reconfiguration Auction</td>
<td>May 2011</td>
<td>5</td>
<td>1</td>
<td>Finalized</td>
<td>04/15/2011 08:00</td>
<td>04/18/2011 17:00</td>
<td>2011</td>
<td>Summer</td>
</tr>
<tr>
<td>2011 Summer</td>
<td>Centralized TCC Auction</td>
<td>Round 6 - Six Month TCC</td>
<td>6</td>
<td>1</td>
<td>Finalized</td>
<td>10/07/2011 08:00</td>
<td>10/10/2011 17:00</td>
<td>2011</td>
<td>Summer</td>
</tr>
</tbody>
</table>

4. Click the **View** button for the desired round.

The Set screen appears (as shown in Figure 56) with bid/offer sections for rounds with types of TCC Centralized Auction, Monthly Reconfiguration, and Balance-of-Period Auction.

5. Click the **Period Key** button for the desired round.

The Period Key screen appears (as shown in Figure 25) with all period data associated with the auction round.
Figure 56: Set Window (Bids/Offeres)

**Note:** The Set window is divided into two sections. For Centralized TCC, Monthly Reconfiguration, and Balance-of-Period Auction Rounds the upper panel contains the Bids, while the lower panel contains the Offers (as shown in the above figure).

The Set window appears with a nominations section (as shown in the following figure) for rounds with a type of Non-Historic Fixed Price TCC Allocation.
Figure 57: Set Window (NHFPTCC Nominations)

The Set window appears with a renewals section (as shown in the following figure) for rounds with a type of Non-Historic Fixed Price TCC Renewal.
Figure 58: Set Window (NHFPTCC Renewals)

Note: The renewal records are auto-populated based on the Non-Historic Fixed Price TCCs that are available to renew (as shown in the above figure).

Observe the Current Set information in the upper portion of Figure 56, 57, and 58. There are three possible types of current sets, as described below:

**Current Set: In Progress, data for round is not yet saved**
- The Set is currently being altered by the user.
- The set will not be saved until the Submit button is selected.
- The user will see this status on a “New Set”.
- The user will see this status on an “Approved” or “Rejected” set once it has been altered.

**Current Set: Approved Set**
- The Set has passed TCC validation and credit check.
- The set is approved and ready for the round.
- The set may only be removed by withdrawing (see Section 5.15 for withdrawal steps).
- If the approved set is altered, its status will change to “in progress”. The approved set will not be lost unless this set is submitted and approved.

**Current Set: Rejected Set**
- The Set has rejected TCC validation and credit check.
- The Set has passed TCC validation and did not pass the credit check.
- The set is rejected by credit and will not be in the round.
- If the set is altered, its status will become “in progress”. The approved set will not be lost unless this set is submitted and approved. This set can then be submitted for approval.
- The rejected Set cannot be removed.

6. In the Set window, select **any set type** from the Set drop-down and click the **Show Set** button (as shown in the following figure).

**Figure 59: Selecting Set Types**

![Selecting Set Types](image)

**Note:** The set types available in the Set drop-down will vary depending on the round status, the round parameters, and sets previously submitted. The system will navigate to the chosen set where actions may be performed as described in Figure 60.

The following actions can be taken if the round permits and the submittal period is open for each set type below.

**Figure 60: Set Type Descriptions and Actions**

<table>
<thead>
<tr>
<th>Set Type</th>
<th>Description</th>
<th>Actions for Set Type</th>
</tr>
</thead>
</table>
| New Set    | Creates a new empty Set in which round input can be entered. | ➢ Enter a bid/offer or nomination  
➢ Edit a bid/offer, nomination, or renewal  
➢ Delete a bid/offer or nomination  
➢ Submit the new Set |
| Approved Set | Shows the most recently approved Set.                    | ➢ Enter a bid/offer or nomination  
➢ Edit a bid/offer, nomination, or renewal  
➢ Delete a bid/offer or nomination  
➢ Submit the altered Set  
➢ Withdraw the Set |
| Rejected Set | Shows the most recently rejected Set.                   | ➢ Enter a bid/offer or nomination  
➢ Edit a bid/offer, nomination, or renewal  
➢ Delete a bid/offer or nomination  
➢ Submit the altered Set |

When round inputs (bids/offers; nominations/renewals) are created, edited, or deleted (as described in Sections 5.1 through 5.14), they are only stored on the user's computer. This may be thought of as a “TCC Shopping Cart”.
After Sets have been submitted to the NYISO (as described in Section 5.15), they are stored at the NYISO, with a status of approved or rejected.

**Note:** Because a renewal record is automatically created based on what is available to renew as Non-Historic Fixed Price TCCs, these records cannot be entered or deleted. You can only modify the existing renewal records and resubmit.

7. In the bottom right of the Set window, select any format type from the Format drop-down and click the Download CSV button (as shown in the following figure).

**Figure 61: Selecting Set Download Format Types**

**Note:** The Upload Fields download will generate a report in the exact format used to upload a Bid/Offer; Nomination set into the system. See Section 6 for how to manage Bid/Offer; Nomination sets using file uploads.

**Note:** The All Fields download will generate a report in a format that is easy to read and has all fields labeled.
Figure 62: All Fields Set Download

Round: Summer 2017 Balance-of-Period Auction June 2017 Version 1
Round ID: 6
Last Submitted: 05/16/2017 15:45:44 by NYISO MP
"State: Approved at 05/16/2017 13:45:44. Exposure was $26,700.00 and available collateral after approval was $29,417,600.00"
Submittal Period: 05/16/2017 08:00 - 05/19/2017 17:00
Org Name: NYISO MP
Bids
Bid Code,Bid MW,Max Price/MW,Total Price,POI,POW,Request to Bundle,Periods
1,1,1,5,61733,61758,8,6,7
2,3,10,30,61733,61758,8,7,8
3,5,13,7,61733,61758,8,9,10
4,2,20,40,61733,61758,8,6
5,2,5,10,61733,61758,8,7
6,4,2,8,61733,61758,8,8
7,4,2,8,24046,61760,8,9
8,4,2,8,24046,61760,8,10
9,2,1,2,24043,61760,8,6,7
10,1,1,1,24138,24043,8,7,8
11,1,1,1,23608,24155,8,9,10
12,1,1,1,24024,24155,8,6
13,1,1,1,23375,24155,8,7
14,1,1,1,23600,24155,8
15,1,1,1,23611,24155,8,9
16,1,1,1,23900,24155,8,10
17,1,1,1,23955,24155,8,6,7,8
18,1,1,1,61739,24155,8,7,8,9
Total Bid Set Price: $195.00
Set Total Bids: 18
Offers
Offer Code,Offer MW,Inventory ID,POI,POW,Min Price/MW,Periods
1,0,9999999,61733,61758,40,6
2,30,9999999,61753,61758,7,5
3,40,9999999,61753,61758,6,9,8
Set Total Offers: 3
Round Periods
Period ID,Period Name,Start Date,End Date
6,June 2017,06/01/2017,06/30/2017
7,July 2017,07/01/2017,07/31/2017
8,August 2017,08/01/2017,08/31/2017
9,September 2017,09/01/2017,09/30/2017
10,October 2017,10/01/2017,10/31/2017

Figure 63: Upload Fields Set Download Entering a New Bid

```
TRAN_TYPE=TCC_UPLOAD_SET
USERID=&
PASSWORD=&
SEASON=Summer
YEAR=2017
ROUND_TYPE=B
ROUND_ID=2
DATA_ROWS=1,8
B,1,1,61753,61758,8,6,7
B,3,10,61753,61758,8,6,7
B,5,15,61753,61758,8,6,7
B,2,20,61753,61758,8,6,7
B,2,5,61753,61754,8,6,7
B,2,5,61753,61756,8,6,7
B,4,2,24046,61760,8,6,7
B,4,2,24047,61760,8,6,7
B,4,2,24043,61760,8,6,7
B,2,1,24138,24043,8,6,7
B,1,1,323608,24155,8,6,7
B,1,1,24024,24155,8,6,7
B,1,1,23575,24155,8,6,7
B,1,1,23600,24155,8,6,7
B,1,1,323611,24115,8,6,7
B,1,1,23900,24115,8,6,7
B,1,1,23595,24115,8,6,7
B,1,1,61759,24115,8,6,7
```

Read Access: None
Write Access: MPs with Bid Authorization

To enter a new bid

1. If not currently viewing the appropriate set, navigate to the Set window and select the desired set from the Set drop-down, as described in Section 5.1.

Figure 64: Entering MW and Max Price/MW for a New Bid

Note: In the following steps, entered fields with simple errors will become red. Entered fields without simple errors or typos will become green.

2. In the Bid section of the Set window, enter the MW and Max Price/MW values for the bid in the corresponding fields.

Note: The Total Price field is calculated after the values are entered (as shown in the above figure).

3. Enter the POI and POW values for the bid into the corresponding fields.

4. From the Bundled drop-down menu, select unbundled or bundled.
Figure 65: Entering POI and POW values and Adding a New Bid

Note: To clear the values before adding, click the Clear button.

Note: A new attribute, "Periods," has been added for a multi-duration auction format. In a single period auction, each auction round has one period (Period=1). Multi-duration auctions can have a variable number of periods associated with an auction round (Period=1..N). See Section 6.1 for more detailed description of how Periods field is used.

5. In the **Periods** field, if you are bidding into a single period auction, the **Periods** field will default to the only available period.

If you are bidding into a multi-duration auction, you must enter the desired **period(s)** in the open field or select them from the check box.

6. Click the Add button.

**Note:** The system will clear the Enter Bid fields and show the new bid data in the list of bids that are part of the Set.

**Note:** If the data is invalid, a warning window will appear, prompting the user to re-enter valid information.

If the bid data is valid, the new bid is saved on the screen and added to the Bid table. The Total Bid Set Price and Set Total Bids values are updated (as shown in the following figure).
Figure 66: Set Window with New Bid

7. To enter additional bids, repeat steps 2 through 5.

Note: In order for any changes to be saved in the system, the altered set must be submitted for final validation and credit check. Refer to Section 5.14 for submitting a Bids/Offer Set.

5.2. Editing a Bid

Read Access: None

Write Access: MPs with Bid Authorization

To edit a bid

1. If not currently viewing the appropriate set, navigate to the Set window and select the desired set from the Set drop-down, as described in Section 5.1.

2. In the Bid section of the Set window, click the Edit button for the row of information to be changed.
The fields refresh to allow editing (as shown in the following figure).

**Figure 68: Editing and Saving a Bid**

- **Step 2**: The Total Price is automatically calculated.
- **Step 3**: To cancel or delete.
- **Step 4**:
3. Edit the desired values in the **MW**, **Max Price/MW**, **POI**, **POW Bundle**, and/or **Periods** fields.

**Note:** To cancel the changes before saving, click the **Cancel** button.

4. Click the **Save** button.

**Note:** If the values are invalid, a warning window appears, prompting the user to re-enter valid information.

If the values are valid, the edited bid is saved on the screen and the bid is no longer in edit mode (as shown in the following figure).

**Figure 69: Edited Bid After Saving**

**Note:** In order for any changes to be saved in the system, the altered set must be submitted for final validation and credit check.
5.3. Deleting a Single Bid

**Read Access:** None

**Write Access:** MPs with Bid Authorization

To delete a single bid

1. If not currently viewing the appropriate set, navigate to the Set window and select the desired set from the Set drop-down, as described in Section 5.1.
2. In the Bid section of the Set window, click the **Delete** button for the bid you wish to delete.

**Figure 70: Set Window with Bid Delete Button**

A dialog window appears (as shown in the following figure).

**Figure 71: Delete Bid Dialog Message**
3. Click the **Continue** button.

The bid is removed from the table.

A confirmation window appears (as shown in the following figure).

**Figure 72: Delete Bid Confirmation Message**

![Delete Bid Confirmation Message](image)

4. Click the **OK** button.

**Note:** In order for any changes to be saved in the system, the altered set must be submitted for final validation and credit check.

### 5.4. Deleting Multiple Bids

**Read Access:** None

**Write Access:** MPs with Bid Authorization

#### To delete multiple bids

1. If not currently viewing the appropriate set, navigate to the Set window and select the desired set from the **Set** drop-down, as described in Section 5.1.

2. In the Bid section of the Set window, select the individual bids to delete:
   - Click once on each bid to select, or,
   - Click the **Select All** button to select all bids, or
   - Click the **Clear Selections** button to deselect all bids, or
   - Click on an individual bid to deselect.
3. Click the **Delete Selected** button.

A dialog window appears (as shown in the following figure).

**Figure 74: Delete Bids Dialog Window**

4. Click the **Continue** button.

The bids are removed from the table.

A confirmation window appears (as shown in the following figure).

**Figure 75: Delete Multiple Bids Confirmation**
5. Click the **OK** button.

**Note:** In order for any changes to be saved in the system, the altered set must be submitted for final validation and credit check.

### 5.5. Entering an Offer

**Read Access:** None

**Write Access:** MPs with Offer Authorization

- **To enter an offer**

1. If not currently viewing the appropriate set, navigate to the Set window and select the desired set from the **Set** drop-down, as described in Section 5.1.

**Note:** In the following step, entered fields with simple errors will become red. Entered fields without simple errors or typos will become green.

2. In the Offer section of the Set window, enter the **MW**, **Inventory ID**, **Min Price/MW**, and **Periods** values for the offer into the corresponding fields.

   In the **Periods** field, if you are offering into a single **period** auction, the **Periods** field will default to the only available period.

   If you are offering into a multi-duration auction, you must enter the desired **period(s)** in the open field or select them from the check box.

**Note:** The Inventory ID entered must be owned by your organization and must be active for the duration of the round in which you are entering the offer.
Figure 76: Entering a New Offer and Adding

**Note:** To clear the values before adding, click the **Clear** button.

**Note:** A new attribute, "Periods," has been added for a multi-duration auction format. In a single period auction, each auction round has one period (Period=1). Multi-duration auctions can have a variable number of periods associated with an auction round (Period=1..N). See Section 6.1 for more detailed description of how Periods field is used.

1. Click the **Add** button.

**Note:** If the data is invalid, a warning window will appear, prompting the user to re-enter valid information.

If the values entered are valid, the new offer is saved on the screen and added to the Offer table (as shown in the following figure).
4. To enter additional offers, repeat steps 2 and 3.

5.6. Editing an Offer

**Read Access:** None

**Write Access:** MPs with Offer Authorization

- **To edit an offer**

  1. If not currently viewing the appropriate set, navigate to the Set window and select the desired set from the Set drop-down, as described in Section 5.1.
  
  2. In the Offer section of the Set window, click the **Edit** button for the offer you wish to edit.
The fields refresh to allow editing (as shown in the following figure).
Figure 79: Editing and Saving an Offer

Note: In the following step, entered fields with simple errors will become red. Entered fields without simple errors or typos will become green.

3. Edit the desired values in the MW, Inventory ID, Min Price/MW, or Periods fields.

Note: To cancel the changes before saving, click the Cancel button.

4. Click the Save button.

Note: If the values are invalid, a warning window appears, prompting the user to re-enter valid information.

If the entries are valid, the offer is saved on the screen and the offer is no longer in edit mode (as shown in the following figure).
5.7. Deleting a Single Offer

**Read Access:** None

**Write Access:** MPs with Offer Authorization

- **To delete a single offer**
  1. If not currently viewing the appropriate set, navigate to the Set window and select the desired set from the Set drop-down, as described in Section 5.1.
  2. In the Offer section of the Set window, click the Delete button for the offer you wish to delete.

**Note:** In order for any changes to be saved in the system, the altered set must be submitted for final validation and credit check.
3. Click the *Continue* button.
The offer is removed from the table.

A confirmation window appears (as shown in the following figure).

**Figure 83: Delete Offer Confirmation**

4. Click the *OK* button.
Note: In order for any changes to be saved in the system, the altered set must be submitted for final validation and credit check.

5.8. Deleting Multiple Offers

Read Access: None

Write Access: MPs with Offer Authorization

To delete multiple offers

1. If not currently viewing the appropriate set, navigate to the Set window and select the desired set from the Set drop-down, as described in Section 5.1.

2. In the Offer section of the Set window, select the individual offers to delete.
   - Click once on each offer to select, or
   - Click the Select All button to select all offers, or,
   - Click the Clear Selections button to deselect all offers, or
   - Click on an individual offer to deselect.

Figure 84: Selecting Multiple Offers for Deletion

3. Click the Delete Selected button.
A dialog window appears (as shown in the following figure).

**Figure 85: Delete Offers Dialog Window**

4. Click the **Continue** button.
The offers are removed from the table.
A confirmation window appears (as shown in the following figure).

**Figure 86: Delete Multiple Offers Confirmation**

5. Click the **OK** button.

**Note:** In order for any changes to be saved in the system, the altered set must be submitted for final validation and credit check.

### 5.9. Entering a New Nomination

*Read Access:* None

*Write Access:* MPs with NHFPTCC Nomination Authorization

☐ **To enter a new nomination**

1. If not currently viewing the appropriate set, navigate to the Set window and select the desired set from the Set drop-down, as described in Section 5.1.
Note: In the following steps, entered fields with simple errors will become red. Entered fields without simple errors or typos will become green.

2. In the Nomination section of the Set window, enter the **LSE Name**, **POI**, and **POW** values for the nomination in the corresponding fields.

**Note:** The Available MW field is populated from the LSE Certification matching the season and year of the round based on the values that are entered in Step 2 (as shown in the above figure).

3. Enter the **Nomination MW** value for the nomination into the corresponding field.
Figure 88: Entering a Nomination MW value and Adding a New Nomination

Step 3

Step 4

Prices calculated from previous round

To clear the entered values and start over

Note: To clear the values before adding, click the Clear button.

4. Click the Add button.

Note: The system will clear the Enter Nomination fields and show the new nomination data in the list of nominations that are part of the Set.

Note: If the data is invalid, a warning window will appear, prompting the user to re-enter valid information.

If the nomination data is valid, the new nomination is saved on the screen and added to the Nomination table. The Total Nomination Set Price and Set Total Nominations values are updated (as shown in the following figure).
5. To enter additional nominations, repeat steps 2 through 4.

**Note:** In order for any changes to be saved in the system, the altered set must be submitted for final validation and credit check. Refer to Section 5.14 for submitting a Set.

### 5.10. Editing a Nomination

**Read Access:** None

**Write Access:** MPs with NHFPTCC Nomination Authorization

**To edit a nomination**

1. If not currently viewing the appropriate set, navigate to the Set window and select the desired set from the **Set** drop-down, as described in Section 5.1.

2. In the Nomination section of the Set window, click the **Edit** button for the row of information to be changed.
Figure 90: Set Window with Edit Button

The fields refresh to allow editing (as shown in the following figure).
Figure 91: Editing and Saving a Nomination

Note: In the following step, entered fields with simple errors will become red. Entered fields without simple errors or typos will become green.

3. Edit the desired values in the LSE Name, POI, POW and/or Nomination MW fields.

Note: To cancel the changes before saving, click the Cancel button.

4. Click the Save button.

Note: If the values are invalid, a warning window appears, prompting the user to re-enter valid information.

If the values are valid, the edited nomination is saved on the screen and the nomination is no longer in edit mode (as shown in the following figure).
Note: In order for any changes to be saved in the system, the altered set must be submitted for final validation and credit check.

5.11. Deleting a Single Nomination

Read Access: None

Write Access: MPs with NHFPTCC Nomination Authorization

To delete a single nomination

1. If not currently viewing the appropriate set, navigate to the Set window and select the desired set from the Set drop-down, as described in Section 5.1.
2. In the Nomination section of the Set window, click the Delete button for the nomination you wish to delete.
A dialog window appears (as shown in the following figure).

**Figure 94: Delete Nomination Dialog Message**

3. Click the **Continue** button.

The nomination is removed from the table.

A confirmation window appears (as shown in the following figure).
4. Click the **OK** button.

**Note:** In order for any changes to be saved in the system, the altered set must be submitted for final validation and credit check.

### 5.12. Deleting Multiple Nominations

**Read Access:** None

**Write Access:** MPs with NHFPTCC Nomination Authorization

#### To delete multiple nominations

1. If not currently viewing the appropriate set, navigate to the Set window and select the desired set from the **Set** drop-down, as described in Section 5.1.

2. In the Nomination section of the Set window, select the individual nominations to delete:
   - Click once on each nomination to select, or,
   - Click the **Select All** button to select all nominations, or
   - Click the **Clear Selections** button to deselect all nominations, or
   - Click on an individual nomination to deselect.
3. Click the **Delete Selected** button.

   A dialog window appears (as shown in the following figure).

   **Figure 97: Delete Nominations Dialog Window**

4. Click the **Continue** button.

   The nominations are removed from the table.

   A confirmation window appears (as shown in the following figure).
5. Click the **OK** button.

**Note:** In order for any changes to be saved in the system, the altered set must be submitted for final validation and credit check.

### 5.13. Editing a Renewal

**Read Access:** None

**Write Access:** MPs with NHFPTCC Nomination Authorization

#### To edit a renewal

1. If not currently viewing the appropriate set, navigate to the Set window and select the desired set from the **Set** drop-down, as described in Section 5.1.

2. In the Renewal section of the Set window, click the **Edit** button for the row of information to be changed.
Figure 99: Set Window with Edit Button

The fields refresh to allow editing (as shown in the following figure).
3. Edit the desired values in the **Renewal MW field**.

**Note:** In the following step, entered fields with simple errors will become red. Entered fields without simple errors or typos will become green.

4. Click the **Save** button.

**Note:** To cancel the changes before saving, click the **Cancel** button.

If the values are valid, the edited renewal is saved on the screen and the renewal is no longer in edit mode (as shown in the following figure).
Figure 101: Edited Renewal After Saving

Note: In order for any changes to be saved in the system, the altered set must be submitted for final validation and credit check.

5.14. Submitting a Set

Once bids/offers; nominations/renewals have been entered or an approved or rejected set has been edited, they may be submitted for a round, when the submittal period is open.

Read Access: None

Write Access: MPs with Bid and/or Offer Authorization for auction rounds and/or NHFPTCC Nomination Authorization for Non-Historic Fixed Price TCC Allocation and Renewal Rounds

- **To submit a Set**
  1. If not currently viewing the appropriate set, navigate to the Set window and select the desired set from the Set drop-down, as described in Section 5.1.
  2. In the Set window, click the Submit button
Figure 102: Submit Bids in the Set Window

![Submit Bids in the Set Window](image)

A confirmation window appears (as shown in the following figure).

Figure 103: Confirm to Submit Window

![Confirm to Submit Window](image)

3. Click the **Continue** button.

A notification window of **Approval** or **Rejection** appears, showing **Exposure** and **Available Collateral**, (as shown in the following figure).

**Note:** If a set is submitted while the system is processing a set previously submitted for the organization, the following error message will be generated: “Another upload is currently in progress. Please wait and try again.”
4. Click the **OK** button.

**Note:** If approved, the set moves into the Approved Set group. This is reflected in the **Set** dropdown menu, in the upper left part of the Set window (as shown in the following figure).

**Figure 105: Approved Set**

**Note:** If the Set is not approved, the set moves into the Rejected Set group (as shown in the following figure).
5.15. Withdrawing a Set

Withdrawing a set allows the user to remove an approved Set from the round prior to the close of the submittal period.

Read Access: None

Write Access: MPs with Bid and/or Offer Authorization for auction rounds and/or NHFPTCC Nomination Authorization for Non-Historic Fixed Price TCC Allocation and Renewal Rounds

To withdraw a Set

1. In the Set window, choose Approved Set from the Set drop-down and click the Show Set button.
Figure 107: Set Window

The Approved Set is displayed (as shown in the following figure).
2. Click the **Withdraw** button.
   
   A message window appears (as shown in the following figure).

**Figure 109: Confirmation Message to Withdraw Set**

```
Confirm to withdraw from the round Summer 2013 Centralized TCC Auction TCC - Test Round 1 Version 1. This set will be permanently deleted.

Continue  Cancel
```

3. Click the **Continue** button.
   
   The Withdrawal Complete message appears (as shown in the following figure).
4. Click the **OK** button.

The system withdraws the Set contents from the round.
6. Uploading Bid/Offer; Nomination Sets

Some general rules for uploading files:

- The names of the fields in the headers (TRAN_TYPE, USERID, etc.) are case-sensitive and must be capitalized.
- The values of parameters are not case-sensitive.
- The header rows must be separated by a ‘&’.
- Files containing errors or invalid records result in no data records saved in the system and the response text will list out the errors and the header or record number they pertain to as applicable.
- Files with valid data result in response text that echoes back the valid data uploaded and the result. E.g. Approved Set, Rejected Set, or Withdrawal complete.
- Data must be in a text format.

**Note:** If working in Excel to create the upload file, it is recommended that the document also be opened in Notepad or another text editor. Formatting errors in Excel may cause miscellaneous characters to be added to the file.

6.1. Navigating to the Upload Screen

Uploading a set effectively submits the Set into the round if it is approved. This is an alternative to entering through the system and then submitting that set. Sets cannot be uploaded for Non-Historic Fixed Price TCC Renewal Rounds.

*Read Access:* MPs

*Write Access:* MPs with Bid and Offer Authorization for auction rounds and/or NHFPTCC Nomination Authorization for Non-Historic Fixed Price TCC Allocation Rounds

To navigate to the upload screen

**Pre-Requisite:** This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.

1. From the menu bar, click on Upload.
The Upload page opens (as shown in the following figure).

Figure 112: Upload Page with Browse File Name Highlighted

2. Click on the **Browse** button.

The Choose file window opens (as shown in the following figure).
3. Click once on the file containing the request.

4. Click on the **Open** button.

   The system displays the Upload page with the requested file name (as shown in the following figure).

**Figure 114: Upload Page with Requested File Name**

5. Click the **Submit** button.

   The system displays the upload request response text (as shown in the following two figures).
Note: If a set is submitted while the system is processing a set previously submitted for the organization, the following error message will be generated: “Another upload is currently in progress. Please wait and try again.”

Figure 115: Upload Request Response Text – Approved

Figure 116: Upload Request Response Text – Rejected

6.1.1. File Example: Set Request

The following is an example of possible field entries for a submit Set request for a Balance-of-Period Auction round:

```
TRAN_TYPE=TCC_UPLOAD_SET&
USERID=webuser&
PASSWORD=webuser&
SEASON=Autumn&
YEAR=2008&
ROUND_TYPE=B&
ROUND_ID=2&
DATA_ROWS=2&
B,11,102.2,32361,23651,B,1-5
O,10,7839,-101.25,4;1
```
Note: Extraneous characters (including spaces) present after the ampersand in each Header Field are not allowed.

Figure 117: Submit Set Request Header Fields

<table>
<thead>
<tr>
<th>Header Fields (All are required)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type of upload request</strong></td>
<td>TRAN_TYPE=TCC_UPLOAD_SET&amp;</td>
</tr>
<tr>
<td><strong>Credentials</strong></td>
<td>USERID=&lt;Authorized MP role userid&gt;&amp;</td>
</tr>
<tr>
<td></td>
<td>PASSWORD=&lt;Password of userid&gt;&amp;</td>
</tr>
<tr>
<td><strong>Round Type</strong></td>
<td>SEASON=&lt;Choose one: Autumn, Spring, Summer, or Winter&gt;&amp;</td>
</tr>
<tr>
<td></td>
<td>YEAR=&lt;Year of Auction Round&gt;&amp;</td>
</tr>
<tr>
<td></td>
<td>ROUND_TYPE=&lt;C for Centralized TCC Auction Round or M for Monthly Auction Round or B for Balance-of-Period Auction or N for Non-Historic Fixed Price TCC Allocation Round&gt;&amp;</td>
</tr>
<tr>
<td></td>
<td>ROUND_ID=&lt;Number designated by TMO for the Round&gt;&amp;</td>
</tr>
<tr>
<td><strong>Record Count</strong></td>
<td>DATA_ROWS=&lt;Count of data records in the upload request&gt;&amp;</td>
</tr>
</tbody>
</table>

Figure 118: Submit Set Request Data

Note: Must contain at least one data record (bid, offer, or nomination).

Data Record Fields - All fields are required (except that the Periods field is optional in single period auctions), must be in the order specified, and must be comma separated

<table>
<thead>
<tr>
<th>Bids (each record starts with B when request contains one or more bids)</th>
<th>Record type</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bid MW</td>
<td>Whole number &gt;= 1 and &lt;= 99,999</td>
<td></td>
</tr>
<tr>
<td>Max Bid Price/MW</td>
<td>Dollar amount must be specified to two decimal places or fewer (e.g., to the nearest $0.01)</td>
<td></td>
</tr>
<tr>
<td>POI</td>
<td>Whole number 6 characters or less representing a valid PTID in the round</td>
<td></td>
</tr>
<tr>
<td>POW</td>
<td>Whole number 6 characters or less representing a valid PTID in the round</td>
<td></td>
</tr>
<tr>
<td>Request to bundle</td>
<td>B or U for Bundled or Unbundled.</td>
<td></td>
</tr>
</tbody>
</table>

Periods (optional for auction rounds with a single period, defaults to only available period ID) Data must be presented as a series of Period IDs separated by a semicolon (:) or a hyphen (-) when more than one period exists. A semicolon separates individual periods and a hyphen represents all periods between the number before the hyphen and the number after, inclusive (ex: 5-7 represents periods 5, 6, and 7). Hyphens can only be used for bids that are uploaded. The Period ID list can be submitted with Period IDs in any order with the exception that Period IDs separated by a hyphen must be specified with the lower Period ID first (e.g., 1;7;3-6 is valid while 1;7;6-3 is not). The Period ID list cannot begin or end with a non-numeric character. Spaces as well as extra hyphens and semicolons must not be present.

<table>
<thead>
<tr>
<th>Offers (each record starts with O when</th>
<th>Record type</th>
<th>O</th>
</tr>
</thead>
<tbody>
<tr>
<td>Offer MW</td>
<td>Whole number &gt;= 1 and &lt;= 99,999</td>
<td></td>
</tr>
</tbody>
</table>
### Data Record Fields - All fields are required (except that the Periods field is optional in single period auctions), must be in the order specified, and must be comma separated

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inventory ID</td>
<td>Whole number representing a valid TCC.</td>
</tr>
<tr>
<td>Min Offer Price/MW</td>
<td>Dollar amount must be specified to two decimal places or fewer (e.g., to the nearest $0.01)</td>
</tr>
<tr>
<td>Periods (optional for auction rounds with a single period, defaults to only available period ID)</td>
<td>Data must be presented as a series of Period IDs separated by a semicolon (;) or a hyphen (-) when more than one period exists. A semicolon separates individual periods and a hyphen represents all periods between the number before the hyphen and the number after, inclusive (ex: 5-7 represents periods 5, 6, and 7). Hyphens can only be used for offers that are uploaded. The Period ID list can be submitted with Period IDs in any order with the exception that Period IDs separated by a hyphen must be specified with the lower Period ID first (e.g., 1;7;3-6 is valid while 1;7;6-3 is not). The Period ID list can neither begin nor end with a non-numeric character. Spaces as well as extra hyphens and semicolons must not be present.</td>
</tr>
<tr>
<td>Nominations (each record starts with N when request contains one or more nominations)</td>
<td>Record type</td>
</tr>
<tr>
<td>Nomination MW</td>
<td>Whole number &gt;= 1 and &lt;= 99,999</td>
</tr>
<tr>
<td>LSE ID</td>
<td>LSE ID associated with your organization in the LSE Certification matching the season and year of the round</td>
</tr>
<tr>
<td>POI</td>
<td>Whole number 6 characters or less representing a valid PTID in the round</td>
</tr>
<tr>
<td>POW</td>
<td>Whole number 6 characters or less representing a valid Load Zone corresponding to the approved LSE Certification matching the season and year of the round</td>
</tr>
</tbody>
</table>

### 6.1.2. File Example: Withdraw Request

The following is an example of possible field entries for a Withdraw request for a Centralized TCC Auction round:

```
TRAN_TYPE=TCC_WITHDRAW_SET&
USERID=webuser&
PASSWORD=webuser&
SEASON=Autumn&
YEAR=2008&
ROUND_TYPE=C&
ROUND_ID=2&
```

**Note:** Extraneous characters (including spaces) present after the ampersand in each Header Field are not allowed.
### Figure 119: Withdraw from Round Request Header Fields

<table>
<thead>
<tr>
<th>Header Fields (All are required)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of upload request</td>
<td>TRAN_TYPE=TCC_WITHDRAW_SET&amp;</td>
</tr>
</tbody>
</table>
| Credentials                     | USERID=<<Authorized MP role userid>>&
|                                 | PASSWORD=<<Password of userid>>&  |
| Round Type                      | SEASON=<<Choose one: Autumn, Spring, Summer, or Winter>>&
|                                 | YEAR=<<Year of Round>>&
|                                 | ROUND_TYPE=<<C for Centralized TCC Auction Round or M for Monthly Auction Round or B for Balance-of-Period Auction or N for Non-Historic Fixed Price TCC Allocation Round>>&
|                                 | ROUND_ID=<< Number designated by TMO for the Round >>&  |

### Figure 120: Withdraw from Round Request

<table>
<thead>
<tr>
<th>Data Record Fields</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A – No data rows are included in the file</td>
<td></td>
</tr>
</tbody>
</table>
7. Invoices

7.1. Viewing Invoices

This subsection describes how to navigate to and generate a private view of the Market Award Invoice or the TO Revenue Allocation Invoice. These reports may be downloaded as well as viewed. An invoice may comprise data from multiple rounds.

7.1.1. Market Award Invoice

The report is confidential to the specific MP. Reports will only be available to those who participated (made at least one bid, offer, nomination, or renewal) in the round(s) included on the invoice.

The Non-Historic Fixed Price TCC Nominations and Renewals sections are for those who are eligible and have purchased Non-Historic Fixed Price TCCs in Non-Historic Fixed Price TCC Allocation or Renewal Rounds. The Manual Adjustments section is used to adjust an invoice due to the impact of a secondary market transaction or any other required adjustment.

Read Access: MPs

Write Access: None

7.1.2. Revenue Allocation Invoice

The Revenue Allocation Invoice is only available to TOs. Each TO may view the invoices of all of the other TOs as well as download a zip file containing all the TO invoices associated with the selected Revenue Allocation Invoice or download an Invoice Summary Report.

Read Access: TOs

Write Access: None

To view Invoices

Pre-Requisite: This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.

1. From the main menu, click Search and select Invoice from the drop-down menu (as shown in the following figure).
The Invoice window opens (as shown in the following figure).

2. Define the search criteria by clicking on the corresponding down-arrows:
   a. **Payment Due Date From**: Choose a date from pop-up calendar
   b. **Payment Due Date To**: Choose a date from pop-up calendar
   c. **Status**: Choose **All**, **Valid** or **Invalidated**
   d. **Type**: Choose **All**, **Market Award**, or **Revenue Allocation**

3. Click the **Search** button. A list of invoices fulfilling the search criteria appears (as shown in the following figure).
4. To sort the results, click any column header to reveal the toggle up (▲) and toggle down (▼) buttons. Each click in a column header will toggle the sorting order.

5. Click the **Reports** button for the invoice.

The report opens into the lower panel of the window (as shown in the following figure).
The following sub steps describe how to generate the various reports:

a. Click the Download Details button to generate the invoice. The File Download window appears (as shown in the following figure). This option is available for the Market Award and Revenue Allocation invoices.

b. Click in the dropdown then select All Invoices, XLSX Summary, or CSV Summary. Then select the Download button. These options are only available to TOs and are strictly limited to the Revenue Allocation invoice.

   i. **All Invoices**: This will download all invoices into a single Compressed (zipped) Folder.
   
   ii. **XLSX Summary**: This will generate the Invoice Summary Report in .xlsx format.

   iii. **CSV Summary**: This will generate the Invoice Summary Report in .csv format.
7. Click the Open button. The report opens (as shown in Figure 127 and Figure 128).
Figure 127: Sample TCC Market Award Invoice

```
Invoice Number:

<table>
<thead>
<tr>
<th>Bids</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Bids</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Total Number of Bids Awarded</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Number of Contracts Issued</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Total Purchase Amount</td>
<td>$4,000.00</td>
<td>Due to NYISO/(owed to MP)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Offers</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Offers</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Total Number of Offers Awarded</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Total Selling Amount</td>
<td>0.00</td>
<td>Due to MP/(owed to NYISO)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Non-Historic Fixed Price TCC Nominations</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Nominations</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Total Number of Nominations Awarded</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Total Purchase Amount</td>
<td>0.00</td>
<td>Due to NYISO/(owed to MP)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Non-Historic Fixed Price TCC Renewals</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Number of Renewals Awarded</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Total Purchase Amount</td>
<td>0.00</td>
<td>Due to NYISO/(owed to MP)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Manual Adjustment</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Adjustment Amount</td>
<td>0.00</td>
<td>Due to NYISO/(owed to MP)</td>
</tr>
<tr>
<td>Comments</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Net Amount</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$4,000.00</td>
<td>Due to NYISO/(owed to MP)</td>
</tr>
</tbody>
</table>

| NYISO Banking Information              |       |         |
| ABA#                                   |       |         |
| Account#                               |       |         |
| Date of payments due to the NYISO for the Net Amount | 06/27/2012 |
| Date of disbursements from the NYISO for the Net Amount | 07/02/2012 |
```
Figure 128: Sample TCC Market Award Invoice (Continued)

<table>
<thead>
<tr>
<th>Included Rounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer 2012 Monthly Reconfiguration Auction July 2012 Version 1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Your company (as identified at the top of this letter, the &quot;Company&quot;) submitted an Electronic Bid and/or an Electronic Offer to the New York Independent System Operator, Inc. (&quot;NYISO&quot;) to purchase and/or sell Transmission Congestion Contracts (&quot;TCCs&quot;) in the July 2012 - Reconfiguration Auction of TCCs. This letter serves as the invoice regarding TCCs awarded to and/or sold by the Company in that auction. Unless otherwise defined in this TCC Invoice, all capitalized terms shall have the meaning ascribed to them in the NYISO’s Open Access Transmission Tariff, Market Administration and Control Area Services Tariff, and Transmission Congestion Contracts Manual (including the TCC purchase and sale agreements attached thereto).</td>
</tr>
</tbody>
</table>

As a result of the July 2012 - Reconfiguration Auction of TCCs proceedings, and in accordance with the NYISO tariffs, the NYISO hereby notifies the Company that it has been awarded and/or sold TCCs as shown in this TCC invoice.

If the "Net Amount," as shown in this TCC Invoice, indicates that an amount is due to the NYISO from the Company, the Company must make such payment by wire transfer by the "date of payments due" listed on this TCC Invoice. Payments must be wired to the ABA routing number and account number listed on this TCC Invoice. If the "Net Amount," as shown in this TCC Invoice, indicates that an amount is due from the NYISO to the Company, the Company must submit wiring instructions to the NYISO by the "date of disbursements" listed on this notice.

Should the Company have a disagreement with the calculation of the Total Purchase Price or Total Selling Price due and payable, as provided in this TCC Invoice, the Company must give written notice to the NYISO by 5:00 PM prevailing Eastern Time on June 20, 2012 per Attachment D (the Spring 2012 Centralized TCC Auction Time Line) of the Transmission Congestion Contracts Manual.

Sincerely,

Rick Gonzales, Senior Vice President and Chief Operating Officer
**Figure 129: Sample TCC Revenue Allocation Invoice**

<table>
<thead>
<tr>
<th>MP Name and Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original Residual TCC Revenue</td>
<td>$0.00</td>
</tr>
<tr>
<td>ETCNL Revenue</td>
<td>$573,693.86</td>
</tr>
<tr>
<td>Net Period Revenue</td>
<td>$0.09</td>
</tr>
<tr>
<td>Revenue Shortfall Charges/Surplus Payments</td>
<td>$36,125.62</td>
</tr>
</tbody>
</table>

| Manual Adjustment                | $777.77 |
| Adjustment Amount                |        |
| Comments                         |        |

| Net Amount                        | $610,597.34 |
|                                  | Owed to MP/(Due to NYISO) |

**NYISO Banking Information**
- ABA#
- Account#
- Date of payments due to the NYISO for the Net Amount: 10/01/2015
- Date of disbursements from the NYISO for the Net Amount: 10/09/2015

**Included Rounds**
- Spring 2013 Centralized TCC Auction Round 1 - Two Year TCCs Version 1

**Additional Information**
Figure 130: Sample TCC Revenue Allocation Invoice

<table>
<thead>
<tr>
<th>Invoice Number</th>
<th>Company</th>
<th>MIS Code</th>
<th>MP ID</th>
<th>Net Amount</th>
<th>Manual Adjustment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1077-00001</td>
<td>Fake TO Name 1</td>
<td>1234</td>
<td>998</td>
<td>($1,234.45)</td>
<td>$0</td>
</tr>
<tr>
<td>1077-00025</td>
<td>Fake TO Name 2</td>
<td>5678</td>
<td>999</td>
<td>$5,678.98</td>
<td>$0</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td></td>
<td></td>
<td>$4,444.53</td>
<td></td>
</tr>
</tbody>
</table>
8. Inventory

This section describes how an MP may view their Grandfathered Right and TCC inventory records and the various transactions associated with their inventory.

"Inventory record" (or just "inventory") is a term used to collectively describe Grandfathered Rights and all types of TCCs that may be held by a Market Participant. A single inventory record may have multiple modifying transactions associated with it. A transaction acts against an inventory record to effectively adjust the MW value for a specified period of time. Although the MW value on the inventory record does not change, the net MW value available on the TCC or Grandfathered Right is adjusted by the transaction.

The following is the complete list of inventory transactions currently supported in the TCC AMS along with their descriptions:

**Figure 131: Inventory Transaction Types**

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auction Sale</td>
<td>A transaction that is created from an auction when an offer is awarded. An auction sale transaction is associated with the TCC that was sold for the amount that was awarded.</td>
</tr>
<tr>
<td>Change MW</td>
<td>A transaction that be performed by TMO adjusts the summer and/or winter MW value of a Grandfathered TCC or Right for a specific timeframe.</td>
</tr>
<tr>
<td>Change Ownership</td>
<td>A secondary market transaction that can be performed by a MP to transfer a contract to another MP beginning on a specified start date. Section 9.2</td>
</tr>
<tr>
<td>Offset Collateral</td>
<td>A transaction that can be created by an MP when a group of TCCs are offset with each other in order to release their collateral holding requirement. The offset collateral transaction reduces the net MW value of the TCC to zero as of the start (effective) date of the offset. Section 11</td>
</tr>
<tr>
<td>Invalidate</td>
<td>A transaction that can be performed by TMO that invalidates an inventory record.</td>
</tr>
<tr>
<td>Sell a Portion</td>
<td>A secondary market transaction that can be performed by a MP to sell a portion of an inventory record to another MP beginning on a specified start date. Section 9.1</td>
</tr>
<tr>
<td>Create Inventory</td>
<td>A record-keeping transaction that retains information regarding the manual creation of an inventory record. Create inventory is the only transaction that does not directly modify or adjust its associated inventory record. This transaction is performed by TMO.</td>
</tr>
</tbody>
</table>

8.1. Viewing Inventory

*Read Access:* MPs

*Write Access:* None

- To view inventory window

**Pre-Requisite:** This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.
1. From the menu bar, click **Search**, and then click **Inventory** (as shown in the following figure).

*Figure 132: Inventory Option on the Search Menu in TCC AMS*

The Inventory window appears (as shown in the following figure).

*Figure 133: Inventory Window Illustrating Steps in Executing an Inventory Search*

- **Note:** The Participant field defaults to the user’s organization name.

2. Select the search criteria:
   a. **Inventory ID** – enter the Inventory ID number
   b. **Participant Name** – this field will default to your organization’s name
c. **Type** (All, ETCNL Rights, ETCNL TCCs, Final Incremental TCCs, Grandfathered Rights, Grandfathered TCCs, Historic Fixed Price TCCs, Inventory TCCs, Non-Historic Fixed Price TCCs, Original Residual TCCs, RCRR TCCs, Reservation Rights, Temporary Incremental TCCs)

d. **POI** – enter the POI number

e. **POW** – enter the POW number

f. **LSE Name**

g. **Status** (All, Valid or Invalidated)

h. **Start of Active Date Range**

i. **End of Active Date Range**

j. **Transaction ID** – enter the Transaction ID

3. Click the **Search** button.

The results are displayed (as shown in the following figure).

**Figure 134: Inventory Window Displaying Search Results**

Notice that the search results may consist of multiple pages.
4. To sort the results, click any column header to reveal the toggle up (▲) and toggle down (▼) buttons. Each click in a column header will toggle the sorting order. When performing a sort, the results will display page 1, with the new sort order.

Figure 135 explains where to find status and additional information for TCC actions performed by primary and buying holders.

![Figure 135: Location of Transaction Status and Information](image)

<table>
<thead>
<tr>
<th>Action</th>
<th>Primary Holder Creates Transaction</th>
<th>Second Party Acknowledges</th>
<th>Second Party or Credit Declines</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Primary Holder</strong></td>
<td>• Transaction Details</td>
<td>• Transaction Details</td>
<td>• Transaction Details</td>
</tr>
<tr>
<td></td>
<td>• Second Party Acknowledgement (Rescind)</td>
<td>• Queue Report (Waiting for Credit Approval)</td>
<td></td>
</tr>
<tr>
<td><strong>Second Party</strong></td>
<td>Second Party Acknowledgement</td>
<td>• Queue Report (Waiting for Approval)</td>
<td>• N/A</td>
</tr>
<tr>
<td></td>
<td>– Acknowledge</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Decline</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 8.2. Viewing Inventory Details

This subsection describes how users may view inventory details. The MP is allowed to only access and read its own information.

**Read Access:** MPs

**Write Access:** None

- To view inventory details

1. Perform steps 1 through 4 in Section 8.1 to view the Inventory window and search and sort the results.

The results are shown in the following figure.
2. To view details for a specific contract, click its corresponding Details button. The details open into a lower panel (as shown in the following figure).
3. Review Contract Information, using the following as a guide in doing so:

a. The General section (see Figure 138) contains all details about the contract.
   i. The Non-Auction Price (see Figure 138) will be used as a price field for any contract that did not come from an auction. It will be used to calculate credit holding just like Market Clearing Price.

b. The Inventory Type Specific section (see Figure 138) shows the MCP and round information, if the contract was created through an auction sale. If the sale doesn’t come from an auction sale, no information is displayed.

c. Four buttons in the Inventory Details window provide access to specific Contract information, as follows:
   i. View External Comments (see Figure 139): Allows internal and external users to view comments by TMO as contracts goes through the approval process (see Figure 140).
   ii. Maintenance History (see Figure 139): MPs may view detailed maintenance that occurred against their contracts (see Figure 141).
Note: This is a record of all Detailed Maintenance changes to the inventory record. The MP is allowed to access and read only its own information.

Detailed Maintenance is performed by TMO and is used in rare instances to perform changes on contracts when the changes cannot be performed by any of the transactions. This change could be a major change such as POI or could be a minor change like adding an additional comment.

The extract will provide a history snapshot of each detailed maintenance. You will see the most current contract and its fields and you will also see all the fields of previous versions of the contract. This will allow the user to compare and see what has changed through detailed maintenance.

iii. Profile (see Figure 139): MP may view the MWs available for their contract over the duration of the contract. If the MP sold MWs the profile will show a drop in MW for that time period (see Figure 142).

iv. Parent Tx History (see Figure 139): Displays the transactions and approvals that created the TCC (see Figure 143).

Note: Transaction Types may be Create New, Sell a Portion, or Change Ownership.

v. Transmission Providers (see Figure 139): Navigates to display the Transmission Provider Segments associated with the inventory record (see Figure 143).

Note: This is only available when the user is a TO and the inventory record has a type of Grandfathered Rights or Grandfathered TCCs.

4. Review Transaction Information, using the following as a guide in doing so:

a. Two buttons in the Transactions table give the user access to specific transaction information:

i. The View button in the History column (see Figure 138) displays transaction approvals (see Figure 144).

ii. The Comments button in the External Comments column (see Figure 138) allows internal and external users to view comments associated with the transaction (see Figure 139).

Note: The Comments window may contain comments from TMO and/or the Secondary Party for the transaction.
Figure 138: Inventory Window Illustrating Sections within the Details Area

- 'General' section
- 'Inventory Type Specific' section
- 'Transactions' section

Step 3c.i
Step 3c.ii
Step 3c.iii
Step 3c.iv
Step 3c.v
Scroll for more information

Figure 139: Means of Viewing Contract and Transaction Information
**Figure 140: External Comments Window Accessed via View External Comments Button**

![External Comments Window](image1)

**Figure 141: Detailed Maintenance History Window**

![Detailed Maintenance History](image2)

**Figure 142: Inventory Profile Window**

![Inventory Profile](image3)
8.3. Downloading Inventory Profile

This subsection describes how the user may download and view transactions against a particular TCC grouped by the increments of time when changes to the TCC were made. The MP is allowed to only access and read its own information for all contracts returned in the search.

**Read Access:** MPs

**Write Access:** None

To view profiles
1. View the Inventory window, use search criteria and sort the results as described in Section 8.1.

Figure 146: Inventory Window Illustrating Means of Downloading Profiles

2. Click the Download Profiles button.

   MW profiles for all Contracts in the search results are downloaded with the column headers (as shown in the following figure). The download is generated in CSV format.

Figure 147: Downloaded Profiles Illustrating Column Headers
8.4. Downloading Non-Auction Transactions

The Non-Auction Transactions download provides a download which has the same format as the download of all inventory, transactions, and detailed maintenance (refer to Section 8.5). However, this download will only show inventory that have the selected transaction against it.

For example, if you selected Sell a Portion from the drop-down and selected Download the download will return all inventory owned by the MP that have a sell a portion transaction on it along with all the inventory details and corresponding transaction details.

Read Access: MPs

Write Access: None

To download non-auction transactions

1. View the Inventory window, use search criteria and sort the results as described in Section 8.1.

Figure 148: Inventory Window Illustrating Steps for Downloading Non-Auction Transactions

2. Select from the drop-down menu.

3. Click the Download button to the right of the drop-down menu.
The downloaded information appears (column headers only are shown in the following figure).

**Figure 149: Headers of Sample Downloaded Non-Auction Transactions**

| Inventory ID | Inventory Type | Org Name | Start Date | End Date | POI | POW | Summer MW | Winter MW | Status | MCP | Non-Auction Price | On-Peak | Off-Peak | Surcharge Exempt Flag | Tracking Number | Attachment | L Ref | Portfolio | External Comments | Ref Inventory ID | Last Updated By | Last Update Time | Round Code | Round Title | Round Type | Round Year | Round Season | Version Num | Bid Code | Component | LSE Name | Disaggregate | Transaction ID | Transaction Type | Status | Queue | Start Date | End Date | Delta Summer MW | Delta Winter MW | Last Updated By | Last Update Time | External Comments | Related Inventory ID | Transaction Date | New Org | Round ID | Offer Code |
|--------------|----------------|----------|------------|----------|-----|-----|-----------|-----------|--------|-----|-----------------|---------|---------|---------------------|----------------|------------|------|-----------|-------------------|----------------|----------------|----------------|-----------|-----------|-----------|-----------|------------|-----------|--------|----------|---------|-----------------|-------------|-----------|------|----------|--------|-------------|-----------|--------|----------|---------|-----------------|-------------|-----------|------|----------|--------|-------------|

### 8.5. Downloading All Inventory Transactions and Detailed Maintenance

The contracts may also be downloaded using a CSV format.

**Read Access:** MP

**Write Access:** None

- To download all inventory transactions and detailed maintenance
  1. View the Inventory window, use search criteria and sort the results as described in [Section 8.1](#).
  2. Click the **Download All** button.
Figure 150: Inventory Window Highlighting the *Download All* Button

All contracts in the current search results are downloaded (column headers *only* are shown in the following figure).

Figure 151: Headers of Sample Downloaded All Inventory and Transactions
9. Secondary Market Transactions

Secondary Market Transactions and Offsets are not allowed during the lockout period. The lockout period is used by TMO during a round to prevent inventory from changing while the round is being run. If the lockout period is active there will be an indicator on the top of the round, offset, and inventory screens (as shown in the following figure).

**Figure 152: Indicator of Lockout Period Being Active**

![](image)

9.1. Selling a Portion of a TCC

This subsection describes how MPs may re-assign a portion of a contract in inventory from a starting point for a minimum of one month or through the end of the contract. The starting point of a “sell a portion” must be the first of the month. The *Sell a Portion* transaction may only be performed for one contract at a time. The MP is allowed to only access and read/write its own information.

*Read Access:* MPs

*Write Access:* MPs

To sell a portion of a TCC

1. Perform steps 1 through 4 in Section 8.1 to view the Inventory window and search and sort the results.
2. Locate the contract for selling a portion, click the down-arrow in the **Action** column and choose **Sell a Portion** (see the above figure).

3. Click the corresponding **Go** button.

   The Sell a Portion dialog appears (as shown in the following figure).

4. Select a **New MP** by using the drop-down arrow.

5. Select the new **Transaction Start Date**. This date must be the first of the month.
6. Select the new **Transaction End Date**. This date must be the last day of the month or the end of the contract.

7. Click the **Calculate Total MW** button.

The **MWs Available For Sale** are calculated based on the new **Transaction Start Date and End Date**. The maximum available MWs during the transaction period are displayed (as shown in the following figure).

The “**MWs Available For Sale**” for the transaction period shows the highest MW value that may be entered for the transaction between the start date and the end date of the transaction. It is calculated by taking the MW value of the original contracts and subtracting any active transactions against the contract for that period. The amount being re-registered by the MP must be less than or equal to the *MW available for sale* value.

**Figure 155: Sell a Portion Dialog Illustrating Steps for Completing a Sale**

8. Enter the desired MW value to be sold.

9. If desired, enter comments.

10. Click the **Save** button. A transaction message appears (as shown in the following figure).

**Figure 156: Sale Confirmation Dialog**
11. Click the OK button.

The transaction status is now “created.” The transaction is queued for Second Party Acknowledgement. The status may be observed in the Inventory Details section for that contract (as described in Section 9.2, steps 9, 10 and 11). It may also be viewed in the Second Party Acknowledgement screen (as described in 10.2).

The following may now occur:

- The secondary MP may acknowledge or decline (see Section 10.2 for more information).
- The originating MP may rescind the transaction prior to Second Party Acknowledgment (see Section 10.3 for more details).

Next steps in processing the transaction:

- Second Party may:
  - Acknowledge the transaction (see Section 10.2 for more information), or
  - Decline the transaction (see Section 10.2 for more information).
- Primary Holder (original MP) may:
  - View the transaction status at any time (see Section 8.2 or 10.1 for more information), or
  - Rescind the transaction before Second Party acknowledges (see Section 10.3 for more information).

### 9.2. Change Ownership

This subsection describes how MPs may re-assign the entire MW value of a contract or multiple contracts from a specified start date for the remaining duration of the contract(s). The MP is allowed to only access and read/write its own information.

| Note: | The user may change ownership on any day of the month. Change ownership may be performed on multiple contracts at the same time. |

**Read Access:** MPs

**Write Access:** MPs

- **To change ownership**

  1. Perform steps 1 through 4 in Section 8.1 to view the Inventory window and search and sort the results.
2. Click one or more contract(s) you wish to perform change ownership on.

3. Click the **Change Ownership** button.

The Change Ownership window opens (as shown in Figure 158 through Figure 159).

**Figure 158: Change Ownership Dialog for a Single TCC**
4. Click the drop-down arrow for **New MP** and select the buying MP.

5. Select a transaction date.

6. Enter comments as needed.

7. Click the **Save** button.

A transaction message appears (as shown in the following figure).
8. Click the **OK** button.

The transaction status is now “created.” The transaction is queued for Second Party Acknowledgement. The status may be observed in the Inventory Details section for that contract (as described in Section 9.2, steps 9, 10 and 11). It may also be viewed in the Second Party Acknowledgement screen (as described in Section 10.2).

The following may now occur:

- The secondary MP may acknowledge or decline (see Section 10.2 for more information).
- The originating MP may rescind the transaction prior to Second Party Acknowledgment (see Section 10.3 for more details).

Next steps in processing the transaction:

- Second Party may:
  - Acknowledge the transaction (see Section 10.2 for more information), or
  - Decline the transaction (see Section 10.2 for more information).

- Primary Holder (original MP) may:
  - View the transaction status at any time (see Section 8.2 or 10.1 for more information), or
  - Rescind the transaction before Second Party acknowledges (see Section 10.3 for more information).

9. To view details for the newly created transaction, click the **Details** button.
10. Observe the transaction just created. It appears in the transactions area. The transaction status is now “created.” The status may be observed in the Queue report (see Section 10.1 for more information).

11. To see the transaction history, click the **View** button in the Inventory Details panel. The history for the transaction appears (as shown in the following figure).

**Figure 163: Transaction History As Accessed via the View Button**
10. Managing Queues

10.1. Viewing Transactions in the Queue Report

This subsection describes how the users may view the Queue Report and see secondary transactions waiting for approval. The MP is allowed to only access and read its own information.

The appropriate purchase and sales agreements must be signed by both parties before the transaction will be approved in the queue.

*Read Access:* MPs

*Write Access:* None

---

To view transactions in the Queue Report

*Pre-Requisite:* This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.

1. From the menu bar, click **Queue** and then **Queue**.

Figure 164: Queue Report Option on the Queue Menu in TCC AMS

The Queue Report window appears (as shown in the following figure).
2. To view the details of the contract the transaction is being performed on (Inventory Details), click the corresponding Details button. (See Section 8.0 for more information on Inventory Details.)

3. Click the Download CSV button, if desired.

10.2. Viewing and Approving Transactions in the Second Party Acknowledgement Report

This subsection describes how users may view and approve Second Party transactions. The original (initial owner) and buying (secondary, intended recipient or “secondary party”) MPs are each allowed to only access and read/write their own information.

The secondary MP may acknowledge or decline the transaction. The originating MP may rescind the transaction prior to the buying MP acknowledging or declining (see Section 0.3 for more information).

**Read Access:** MPs

**Write Access:** MPs

- To view and approve second party transactions

  **Pre-Requisite:** This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.

1. From the menu bar, click Queue and then Second Party Acknowledgement (as shown in the following figure).
Figure 166: Second Party Acknowledgement Option on the Queue Menu in TCC AMS

The window appears (as shown in the following figure).

Figure 167: Means of Filtering and Initiating a Second Party Acknowledgment

Step 1
Step 2

Note: The Buying MP field is automatically populated with the MP name associated with the user logged in.

The original MP is defaulted to the current MP user if the Show field is set to Rescind and user may select Buying MP.

The buying MP is defaulted to the current MP user if the Show field is set to Acknowledge and user may select Original MP.

2. Provide search criteria:

a. From the Show drop-down menu, choose Acknowledge.

b. Click the Select button.

The results appear (as shown in the following figure).
3. Locate the desired transaction in the lower panel and click the **Acknowledge** button. Notice that the user also has the option to click the **Acknowledge All** button. This will acknowledge all pending transactions in the window. The Acknowledge window appears (as shown in the following figure).

**Figure 169: Acknowledge Comments Window**

4. Enter comments and click the **Acknowledge** button. A warning message appears (as shown in the following figure).
5. Click the **Continue** button.

The Second Party may wish to decline the transaction:

6. After performing steps 1 and 2 above, locate the desired transaction in the lower panel and click the **Decline** button (as shown in the following figure).

Notice that the user also has the option to click the **Decline All** button. This will decline all pending transactions in the window. The Decline window appears (as shown in the following figure).
7. Insert comments and click the Decline button.

A message window appears (as shown in the following figure).

**Figure 172: Decline Comments Window**

![Decline Comments Window](image)

**Step 7**

Add External Comments: [Comments may be provided]

Decline  Cancel

**Figure 173: Decline Confirmation Prompt**

![Decline Confirmation Prompt](image)

Are you sure you want to decline?

Continue  Cancel

**After the Second Party acknowledges:**

The originating MP may view the status by going to the Inventory Details window (as shown in the following figure). See Section 8.1 for navigating to the Inventory window.

**Figure 174: Inventory Details Showing Second Party Approved Transaction and Transaction History**

![Inventory Details](image)

View the history
After Second Party acknowledges:

Both the originating MP and the buying MP may view the status by going to the Queue Report (as shown in the following figure). (See Section 10.1 for navigating to the Queue Report).

Figure 175: Queue Report Window for a Second Party Approved Transaction

After TMO approves:

The originating MP may view the status by going to the Inventory Details window (as shown in the following figure). See Section 8.1 for navigating to the Inventory window.

Figure 176: Transaction History for Approved Transaction after Second Party Acknowledgment

After transaction is approved:

The new MP may view the new contract by navigating to the Inventory window (as shown in the following figure). See Section 8.1 for navigating to the Inventory window.
10.3. Rescinding a Transaction

Read Access: MPs

Write Access: MPs

To rescind a transaction

Pre-Requisite: This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.

1. From the main menu, click the Queue item, and then click Second Party Acknowledgement (as shown in the following figure).

Figure 178: Second Party Acknowledgment Option on the Queue Menu in TCC AMS

The Second Party Acknowledgment window appears (as shown in the following figure).
2. Define the search criteria:
   a. Choose a **Buying MP**.
   b. From the **Show** drop-down menu, choose **Rescind**.

   **Note:** The Original MP field is automatically populated with your organization’s name.

3. Click the **Search** button.

   The results of the search criteria appear (as shown in the following figure).
4. Click the **Rescind** button for the desired transaction. The Rescind window opens (as shown in the following figure).

**Figure 181: Rescind Comments and Confirmation Window**

5. If desired, provide comments and click the **Rescind** button. A message window appears (as shown in the following figure).

**Figure 182: Rescind Confirmation Prompt**
6. Click the **Continue** button.

After the Originating MP rescinds the offer, it is no longer located in the Second Party Acknowledgment Queue.
11. TCC Offsetting

This section describes the following TCC inventory management processes:

- Cancelling offsetting TCCs for purposes of offsetting collateral requirements.
- MPs may only view transactions to which they are a party.

11.1. Select Offsetting TCCs for Cancellation

This subsection describes the process through which users may request Collateral Offsetting and TCC Cancellation outside of the lockout period. If the Lock-out period has been set, the option to enter Offset Requests will not be available. Market Participants may only view and offset TCCs that they own.

**Read Access:** MPs

**Write Access:** MPs

To select offsetting TCCs for cancellation

**Pre-Requisite:** This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.

1. From the menu bar, click **Offsetting** and then **Request Offset** (as shown in the following figure).

Figure 183: Request Offset Option on the Offsetting Menu in TCC AMS

The Request TCCs for Collateral Offsetting and Cancellation window appears (as shown in the following figure).
2. Click the **Search** button.

All active TCCs for the selected MP will be displayed (as shown in the following figure). This may take a few moments for the screen to populate.

**Note:** Requesting TCCs for Collateral Offsetting and Cancellation allows any combination of TCCs such that the Available MWs on a TCC(s) in one direction and counter flow Available MWs on a TCC(s) are equal.
3. Click to arrow to reveal the filter.
4. Filter the resulting list if needed:
   - Insert POI and/or POW information
   - Provide TCC End Date
5. Click the Filter button.

**Note:** Clicking on the Clear button will restore the original search.

6. To sort the results, click any column header to reveal the toggle up (▲) and toggle down (▼) buttons. Each click in a column header will toggle the sorting order.
7. If desired, click the Download CSV to download “off settable” TCCs from the request group upper panel for off-line analysis.
8. Select the contracts to offset by clicking on their corresponding Add button.
The results are produced (as shown in the following figure).
9. Repeat step 8 until all of the desired TCCs are added to the lower panel.

10. To remove a TCC from the TCCs selected for Offset and Cancellation panel, click the Remove button. The selected group will be restored with the initial list.

Observe the above figure:

- The “added” contract is moved from the requested window to the selected window.
- The system will filter request group window to only show TCCs that may be used in the offset. This will be based on the TCC that was just added.
- The total MW of selected contracts in the lower panel must be equal for the sum of the MWs in one direction and the sum of the MWs in the counter flow direction.
- The system will filter only contracts to offset selected TCC.

11. Click the Submit button.

The Request Offset dialog appears, (as shown in the following figure).
12. Select a date for the start of the offset.

**Note:** The end date is the latest end date of all the inventory records that have been selected for offset.

13. Click the **Submit** button.

A message window appears (as shown in the following figure).

14. Click the **OK** button.

The requested offset will be sent to the Credit Management System for Credit Approval. The approved or declined offset may be viewed (refer to Section 11.2).

The following figure shows an example of one offset with two TCCs.

### 11.2. Viewing Offset Transactions

This subsection describes the process through which users may view the status of offset transactions that were requested. The MP is allowed to only access and read its own information.

**Read Access:** MPs
**Write Access:** None

**To view status of requested offset transactions**

**Pre-Requisite:** This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.

1. From the menu bar, click **Offsetting** and then **View Offsetting TCCs** (as shown in the following figure).

**Figure 189: View Offsetting Option on the Offsetting Menu in TCC AMS**

![View Offsetting Menu](image)

The View Offsetting window appears (as shown in the following figure).

**Figure 190: View Offsetting TCCs Window Illustrating Filtering Steps**

![View Offsetting TCCs](image)
2. Click the drop-down arrow for **Status** then choose from among the following corresponding options:
   - All
   - Created
   - Approved
   - Nullified
   - Declined

3. Click the **Search** button. The results of the filter are shown in the following figure.

   **Figure 191: View Offsetting TCCs Window Illustrating Additional Viewing Options**

4. The user may view comments and status for pending, declined and approved offsets by clicking on the corresponding **Comments** button. The following figure shows examples of comments.
5. Click the **Download CSV** button, if desired.
12. Miscellaneous Reports (Non-auction Related)

This section describes the extracts available to users in support of Inventory Management and the associated data elements, calculations, and filters to be applied when creating them.

12.1. Summary of Transmission Contracts

This subsection describes the creation of the extract of transmission contracts in the TCC AMS and the information that the public is allowed to read. This is a public report.

_read access_: MPs

_write access_: None

To perform the Summary of Transmission Contracts Extract

**Pre-Requisite:** This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.

1. From the main menu, click Misc. Reports.

Figure 193: Misc. Reports Menu in TCC AMS

The Misc. Reports window opens (as shown in the following figure).

Figure 194: Means of Filtering and Generating a Summary of Transmission Contracts Extract

*‘CSV’ is the only available format*
2. In the **Summary of Transmission Contracts Extract** area, select the **Active Range Start Date** and the **Active Range End Date**.

**Note:** Entering Active Range Start and End Dates is optional. If both Active Range Start and End Dates are not selected, all TCCs and Grandfathered Right inventory records and their associated transaction records will be returned in the results. Note that if no date filter is applied when generating this file, the results will include a large number of records which includes numerous expired records.

The only format available for this report is **CSV**. Selecting an Active Range Start Date and/or End Date will filter the TCCs and Grandfathered Rights returned in the extract such that the records included must be active during the specified time period. Note that all transactions associated with the inventory records appearing in the extract will be included in the extract data regardless of the transactions being active or not in the specified time period.

3. Click the **Generate** button.

The report appears (as shown in the following figure).

**Figure 195: Summary of Transmission Contracts**

<table>
<thead>
<tr>
<th>Contract ID</th>
<th>Att L Ref</th>
<th>Start Date End Date</th>
<th>POI ID</th>
<th>POI Name</th>
<th>POI Zone</th>
<th>POW ID</th>
<th>POW Name</th>
<th>POW Zone</th>
<th>MW Summer</th>
<th>MW Winter</th>
<th>Primary Holder</th>
<th>Market Ctrl Price</th>
<th>Ref Cont ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3</td>
<td>1-Sep-99 31-Dec-99</td>
<td>61756</td>
<td>HUD VL</td>
<td>MHE VL</td>
<td>61759</td>
<td>MLLWD</td>
<td>MLLWD</td>
<td>100</td>
<td>100</td>
<td>Central Hudson G N/A</td>
<td>Central Hudson G N/A</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>1-Sep-99 31-Dec-99</td>
<td>23526</td>
<td>BOWMNDE</td>
<td>HUD VL</td>
<td>61759</td>
<td>MLLWD</td>
<td>MLLWD</td>
<td>25</td>
<td>25</td>
<td>Consolidated Edit N/A</td>
<td>Consolidated Edit N/A</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>5</td>
<td>1-Sep-99 31-Dec-99</td>
<td>23590</td>
<td>BOWMNE</td>
<td>HUD VL</td>
<td>61759</td>
<td>MLLWD</td>
<td>MLLWD</td>
<td>5</td>
<td>5</td>
<td>Consolidated Edit N/A</td>
<td>Consolidated Edit N/A</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>12</td>
<td>1-Sep-99 31-Dec-99</td>
<td>23598</td>
<td>FITPATRIC</td>
<td>CENTRL</td>
<td>61762</td>
<td>LONGIL</td>
<td>LONGIL</td>
<td>163</td>
<td>163</td>
<td>Long Island Power N/A</td>
<td>Long Island Power N/A</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>14</td>
<td>1-Sep-99 31-Dec-99</td>
<td>61760</td>
<td>DUNWOD</td>
<td>DUNWOD</td>
<td>61762</td>
<td>LONGIL</td>
<td>LONGIL</td>
<td>307</td>
<td>307</td>
<td>Long Island Power N/A</td>
<td>Long Island Power N/A</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>16</td>
<td>1-Sep-99 31-Dec-99</td>
<td>23744</td>
<td>NINE MILE</td>
<td>CENTRL</td>
<td>61762</td>
<td>LONGIL</td>
<td>LONGIL</td>
<td>206</td>
<td>206</td>
<td>Long Island Power N/A</td>
<td>Long Island Power N/A</td>
<td></td>
</tr>
</tbody>
</table>

The above figure shows contracts beginning in 1999.

Contracts may be viewed with the information provided above. All TCCs not created through a round and all non-auction related transactions will have the MCP listed as N/A. All TCCs will have a Contract ID. A transaction against a TCC has a blank Contract ID field and a reference to the affected contract in the Ref Cont ID field. Conversely, a TCC will not have a blank Contract ID field and the Ref Cont ID field will be blank.

Create a Contract – Transaction records will not be created for Create New transactions.
Change MW – These transactions will be used to create a profile. Each change in the profile becomes a record in the extract. The profile will determine the Summer and Winter MW for each of those records. The Start Date of the first change in the profile is the Start Date of that record. The End Date is either the Start Date of the next change in the profile or, if no more profile changes occur, the End Date is the TCC End Date of the Inventory record.

The following figure is an example of the following GF contract with a Change MW transaction against it on 1/1/08 increasing MW Summer by 4 MW and MW inter by 7 MW. Note the same Contract ID appears twice.

**Figure 196: GF Contract with a Change MW Transaction**

<table>
<thead>
<tr>
<th>Contract ID</th>
<th>Att L Ref</th>
<th>Start Date</th>
<th>End Date</th>
<th>POI ID</th>
<th>POI Name</th>
<th>POI Zone</th>
<th>POW ID</th>
<th>POW Name</th>
<th>POW Zone</th>
<th>MW Summer</th>
<th>MW Winter</th>
<th>Primary Holder</th>
<th>Market Cir Price</th>
<th>Ref Cont ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1- Sep-99</td>
<td>31-Dec-99</td>
<td>31-Dec-07</td>
<td>23744</td>
<td>NINE_MILE_2</td>
<td>CENTRL</td>
<td>61758</td>
<td>HUD VL</td>
<td>HUD VL</td>
<td>101</td>
<td>101</td>
<td>Watts LLC</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1- Jan-08</td>
<td>31-Dec-99</td>
<td>31-Dec-50</td>
<td>23744</td>
<td>NINE_MILE_2</td>
<td>CENTRL</td>
<td>61758</td>
<td>HUD VL</td>
<td>HUD VL</td>
<td>105</td>
<td>108</td>
<td>Watts LLC</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>
The following figure is an example of the following contract with an 8 MW Sell a Portion transaction against it from 5/1/01 to 5/31/01 which created TCC 7000.

**Figure 197: Contract with an 8 MW Sell a Portion Transaction**

<table>
<thead>
<tr>
<th>Contract ID</th>
<th>Att L Ref</th>
<th>Start Date</th>
<th>End Date</th>
<th>POI ID</th>
<th>POI Name</th>
<th>POI Zone</th>
<th>POW ID</th>
<th>POW Name</th>
<th>POW Zone</th>
<th>MW Summer</th>
<th>MW Winter</th>
<th>Primary Holder</th>
<th>Market Clr Price</th>
<th>Ref Cont ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>5068</td>
<td>1-May-01</td>
<td>31-Oct-01</td>
<td>61753</td>
<td>GENESE</td>
<td>GENESE</td>
<td>23652</td>
<td>ROCHESTER_9_IC</td>
<td>GENESE</td>
<td>10</td>
<td>10</td>
<td>Watts LLC</td>
<td>-15.95</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5068</td>
<td>1-May-01</td>
<td>31-Oct-01</td>
<td>61753</td>
<td>GENESE</td>
<td>GENESE</td>
<td>23652</td>
<td>ROCHESTER_9_IC</td>
<td>GENESE</td>
<td>8</td>
<td>8</td>
<td>Watts LLC</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7000</td>
<td>1-May-01</td>
<td>31-May-01</td>
<td>61753</td>
<td>GENESE</td>
<td>GENESE</td>
<td>23652</td>
<td>ROCHESTER_9_IC</td>
<td>GENESE</td>
<td>8</td>
<td>8</td>
<td>ACME Marketing</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The following figure is an example of the following contract with an 8 MW Auction Sale transaction against it from 5/1/01 to 5/31/01.

**Figure 198: Contract with an 8 MW Auction Sale Transaction**

<table>
<thead>
<tr>
<th>Contract ID</th>
<th>Att L Ref</th>
<th>Start Date</th>
<th>End Date</th>
<th>POI ID</th>
<th>POI Name</th>
<th>POI Zone</th>
<th>POW ID</th>
<th>POW Name</th>
<th>POW Zone</th>
<th>MW Summer</th>
<th>MW Winter</th>
<th>Primary Holder</th>
<th>Market Clr Price</th>
<th>Ref Cont ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>5068</td>
<td></td>
<td>1-May-01</td>
<td>31-Oct-01</td>
<td>61753</td>
<td>GENESE</td>
<td>GENESE</td>
<td>23652</td>
<td>ROCHESTER_9_IC</td>
<td>GENESE</td>
<td>10</td>
<td>10</td>
<td>Watts LLC</td>
<td>-15.95</td>
<td></td>
</tr>
<tr>
<td>5068</td>
<td></td>
<td>1-May-01</td>
<td>31-Oct-01</td>
<td>61753</td>
<td>GENESE</td>
<td>GENESE</td>
<td>23652</td>
<td>ROCHESTER_9_IC</td>
<td>GENESE</td>
<td>10</td>
<td>10</td>
<td>Watts LLC</td>
<td>-15.95</td>
<td></td>
</tr>
<tr>
<td>1-May-01</td>
<td></td>
<td>31-May-01</td>
<td>31-Oct-01</td>
<td>61753</td>
<td>GENESE</td>
<td>GENESE</td>
<td>23652</td>
<td>ROCHESTER_9_IC</td>
<td>GENESE</td>
<td>8</td>
<td>8</td>
<td>Watts LLC</td>
<td>-3.12</td>
<td></td>
</tr>
</tbody>
</table>
Change Ownership – Transaction records will not be created for Change Ownership transactions; they will be represented by the inventory records (e.g. End Date of the Inventory record is the Transaction Start Date of the Change Ownership transaction).

The following figure is an example of the following contract with a Change Ownership transaction against it beginning 6/1/01 which created TCC 7000.

**Figure 199: Contract with a Change Ownership Transaction**

<table>
<thead>
<tr>
<th>Contract ID</th>
<th>Att L Ref</th>
<th>Start Date</th>
<th>End Date</th>
<th>POI ID</th>
<th>POI Name</th>
<th>POI Zone</th>
<th>POW ID</th>
<th>POW Name</th>
<th>POW Zone</th>
<th>MW Summer</th>
<th>MW Winter</th>
<th>Primary Holder</th>
<th>Market Clr Price</th>
<th>Ref Cont ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>5068</td>
<td></td>
<td>1-May-01</td>
<td>31-Oct-01</td>
<td>61753</td>
<td>GENESE</td>
<td>GENESE</td>
<td>23652</td>
<td>ROCHESTER_9_IC</td>
<td>GENESE</td>
<td>10</td>
<td>10</td>
<td>Watts LLC</td>
<td>-15.95</td>
<td></td>
</tr>
<tr>
<td>5068</td>
<td></td>
<td>1-May-01</td>
<td>31-May-01</td>
<td>61753</td>
<td>GENESE</td>
<td>GENESE</td>
<td>23652</td>
<td>ROCHESTER_9_IC</td>
<td>GENESE</td>
<td>10</td>
<td>10</td>
<td>Watts LLC</td>
<td>-15.95</td>
<td></td>
</tr>
<tr>
<td>7000</td>
<td></td>
<td>1-Jun-01</td>
<td>31-Oct-01</td>
<td>61753</td>
<td>GENESE</td>
<td>GENESE</td>
<td>23652</td>
<td>ROCHESTER_9_IC</td>
<td>GENESE</td>
<td>10</td>
<td>10</td>
<td>ACME Marketing</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>
The following figure is an example of the following 2 contracts with a Cancel/Offset transaction against them beginning 8/1/01.

**Figure 200: Two Contracts with a Cancel/Offset Transaction**

<table>
<thead>
<tr>
<th>Contract ID</th>
<th>Att L Ref</th>
<th>Start Date</th>
<th>End Date</th>
<th>POI ID</th>
<th>POI Name</th>
<th>POI Zone</th>
<th>POW ID</th>
<th>POW Name</th>
<th>POW Zone</th>
<th>MW Summer</th>
<th>MW Winter</th>
<th>Primary Holder</th>
<th>Market Clr Price</th>
<th>Ref Cont ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>4658</td>
<td></td>
<td>1-May-01</td>
<td>31-Oct-01</td>
<td>61753</td>
<td>GENESE</td>
<td>GENESE</td>
<td>23619</td>
<td>BEEBEE_GT_13</td>
<td>GENESE</td>
<td>20</td>
<td>20</td>
<td>Watts LLC</td>
<td>27.73</td>
<td></td>
</tr>
<tr>
<td>4659</td>
<td></td>
<td>1-May-01</td>
<td>31-Oct-01</td>
<td>23619</td>
<td>BEEBEE_GT_13</td>
<td>GENESE</td>
<td>61753</td>
<td>GENESE</td>
<td>GENESE</td>
<td>20</td>
<td>20</td>
<td>Watts LLC</td>
<td>5537.49</td>
<td></td>
</tr>
<tr>
<td>4658</td>
<td></td>
<td>1-May-01</td>
<td>31-Jul-01</td>
<td>61753</td>
<td>GENESE</td>
<td>GENESE</td>
<td>23619</td>
<td>BEEBEE_GT_13</td>
<td>GENESE</td>
<td>20</td>
<td>20</td>
<td>Watts LLC</td>
<td>27.73</td>
<td></td>
</tr>
<tr>
<td>4659</td>
<td></td>
<td>1-May-01</td>
<td>31-Jul-01</td>
<td>23744</td>
<td>BEEBEE_GT_13</td>
<td>GENESE</td>
<td>61753</td>
<td>GENESE</td>
<td>GENESE</td>
<td>20</td>
<td>20</td>
<td>Watts LLC</td>
<td>5537.49</td>
<td></td>
</tr>
</tbody>
</table>
Non-Award Transaction – This transaction brings the available MWs of a contract during the time period for which the transaction is active to zero. They are created when multi-period bids that are specified for non-contiguous periods are awarded.

The following figure is an example of the following contract with a Non-Award transaction against it from 6/1/17 to 6/30/17. Note the same Contract ID appears twice.

**Figure 201: Contract with a Non-Award Transaction**

<table>
<thead>
<tr>
<th>Contract ID</th>
<th>Att L Ref</th>
<th>Start Date</th>
<th>End Date</th>
<th>POI ID</th>
<th>POI Name</th>
<th>POI Zone</th>
<th>POW ID</th>
<th>POW Name</th>
<th>POW Zone</th>
<th>MW Summer</th>
<th>MW Winter</th>
<th>Primary Holder</th>
<th>Market Clr</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1234</td>
<td></td>
<td>1-May-17</td>
<td>31-Oct-17</td>
<td>23744</td>
<td>NINE_MILE_2</td>
<td>CENTRL</td>
<td>61758</td>
<td>HUD VL</td>
<td>HUD VL</td>
<td>101</td>
<td>101</td>
<td>Watts LLC</td>
<td></td>
<td>1234.56</td>
</tr>
<tr>
<td>1234</td>
<td></td>
<td>1-May-17</td>
<td>31-May-17</td>
<td>23744</td>
<td>NINE_MILE_2</td>
<td>CENTRL</td>
<td>61758</td>
<td>HUD VL</td>
<td>HUD VL</td>
<td>101</td>
<td>101</td>
<td>Watts LLC</td>
<td></td>
<td>1234.56</td>
</tr>
<tr>
<td>1234</td>
<td></td>
<td>1-Jul-17</td>
<td>31-Oct-17</td>
<td>23744</td>
<td>NINE_MILE_2</td>
<td>CENTRL</td>
<td>61758</td>
<td>HUD VL</td>
<td>HUD VL</td>
<td>101</td>
<td>101</td>
<td>Watts LLC</td>
<td></td>
<td>1234.56</td>
</tr>
</tbody>
</table>
12.2. Detailed Maintenance Extract

This subsection describes the extract of inventory records that have detailed maintenance performed upon them within a specific date range. The MP is allowed to only access and read its own data.

**Read Access:** MPs

**Write Access:** None

To extract the Detailed Maintenance extract

**Pre-Requisite:** This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.

1. From the main menu, click Misc. Reports.

![Figure 202: Misc. Reports Menu in TCC AMS](image)

The following window opens (as shown in the following figure).

![Figure 203: Means of Filtering and Generating a Detailed Maintenance Extract](image)

Notice that the MP field will default to the current MP user's name.

2. Select the **Active Range Start Date** and the **Active Range End Date**. This is the filter applied to the inventory record. Entering Active Range Start and End dates is mandatory.
3. Select the **Update Range Start Date** and the **Update Range End Date**. This is the filter applied to the maintenance records. Entering Update Range Start and End dates is mandatory.

4. Choose a **Format** for the report: *CSV* or *XLSX*.

5. Click the **Generate** button.

The report appears (as shown in the following figure) with all detailed maintenance that has occurred for all contracts owned in the date ranges selected.

---

**Figure 204: Detailed Maintenance Report**

<table>
<thead>
<tr>
<th>Inventory ID</th>
<th>Inventory Type</th>
<th>Org Name</th>
<th>Start Date</th>
<th>End Date</th>
<th>POI</th>
<th>POW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer MW</td>
<td>Winter MW</td>
<td>Status</td>
<td>MCP</td>
<td>Non-Auction Price</td>
<td>On Peak</td>
<td>Off Peak</td>
</tr>
<tr>
<td>Attachment L Ref</td>
<td>Portfolio</td>
<td>External Comments</td>
<td>Ref Inventory ID</td>
<td>Last Updated By</td>
<td>Last Update Time</td>
<td>Round Code</td>
</tr>
</tbody>
</table>

To create the MW Available for Sale report

**Pre-Requisite:** This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.

1. From the main menu, click **Misc. Reports**.
The Misc. Reports window opens (as shown in the following figure).

Notice that the MP field will default to the current MP user's name.

2. In the MW Available for Sale Report area, select criteria for the report in the form of the Active Range Start Date and the Active Range End Date. Entering Active Range Start and End Dates is mandatory.

3. Choose a Format for the report: XLSX or CSV.

4. Click the Generate button.

The report appears (as shown in the following figure).
The above figure shows the result of selecting XLSX in step 3. The report displays MWs available for sale for each contract owned and available for sale for the chosen time period.

### 12.4. Revenue by Class Report

This subsection describes the creation of a report that provides the different types of revenue generated from each class (i.e., duration) of TCC (six-month, one-year, etc.) sold in a Centralized TCC Auction. This report is only available to TOs. This report will be generated based on the user’s selection of season and year. All approved revenue allocation data from rounds of the Centralized TCC Auction with the corresponding season and year as the user’s selection will be collected and displayed on the resulting report. This report also provides a breakdown of the revenue distributed to each TO, including totals for six-month, one-year, and two-year TCCs, as well as first and second year distribution of two-year TCCs.

Note: If this report is generated prior to all revenue allocation data being approved for a given Centralized TCC Auction, the report will not contain the complete set of data for the Centralized TCC Auction.

**Read Access:** TOs

**Write Access:** None

#### To create the Revenue by Class report

**Pre-Requisite:** This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.

1. From the main menu, click Misc. Reports.

![Figure 208: Misc. Reports Menu in TCC AMS](image)

The Misc. Reports window opens (as shown in the following figure).
2. In the **Revenue by Class Report** area, select criteria for the report in the form of the **Season** and the **Year**.

3. Choose a **Format** for the report: **XLSX** or **CSV**.

4. Click the **Generate** button.

The report appears (as shown in the following figure).
12.5. TCC and Grandfathered Rights Report

This subsection describes the creation of a report detailing the TCCs and Grandfathered Rights, and the sales and adjustments thereto, in the TCC AMS. This is a public report.

**Read Access:** MPs

**Write Access:** None

![To create the TCC and Grandfathered Rights Report](image)

**Pre-Requisite:** This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.

1. From the main menu, click Misc Reports.
The Misc Reports page opens (as shown in the following figure).

**Figure 212: Means of Filtering and Generating a TCC and Grandfathered Rights Report**

2. In the **TCC and Grandfathered Rights Report** area, enter the **Active Range Start Date** and the **Active Range End Date**.

   **Note:** Entering Active Range Start and End Dates is optional. If both the Active Range Start and End Dates are not selected, all TCCs and Grandfathered Right inventory records and their associated transaction records will be returned in the results. Note that if no date filter is applied when generating this file, the results will include a large number of records which includes numerous expired records.

   The only format available for this report is CSV. Selecting an Active Range Start Date and/or End Date will filter the TCCs and Grandfathered Rights (collectively referred to as “inventory”), and the sales and adjustments thereto (collectively referred to as “transactions”), returned in the extract such that the inventory and transaction records included must be active during a portion of the specified time period.
3. Click the **Generate CSV** button.

The report appears (as shown in the following figure).

**Figure 213: TCC and Grandfathered Rights Report**

**Part 1:**

<table>
<thead>
<tr>
<th>Contract ID</th>
<th>ID Type</th>
<th>Parent Contract ID</th>
<th>Inventory Type</th>
<th>Primary Holder</th>
<th>LOC ID</th>
<th>LOC Name</th>
<th>LOC Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td></td>
<td>Grandfathered TCC</td>
<td>Central Hudson Gas &amp; Electric Corp.</td>
<td>20588</td>
<td>NHW_HGE_2</td>
<td>NHW HGE</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td></td>
<td>Grandfathered Rights</td>
<td>Central Hudson Gas &amp; Electric Corp.</td>
<td>61700</td>
<td>NHW_VL</td>
<td>NHW_VL</td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td></td>
<td>Grandfathered TCC</td>
<td>Con Edison Edison Co. of New York, Inc.</td>
<td>67046</td>
<td>BOND_EI</td>
<td>BOND EI</td>
</tr>
<tr>
<td>7</td>
<td>7</td>
<td></td>
<td>Grandfathered TCC</td>
<td>Con Edison Edison Co. of New York, Inc.</td>
<td>67046</td>
<td>BOND_EI</td>
<td>BOND EI</td>
</tr>
</tbody>
</table>

**Part 2:**

<table>
<thead>
<tr>
<th>Contract ID</th>
<th>Winter MW</th>
<th>Winter MW</th>
<th>Round ID</th>
<th>Round Version</th>
<th>Award Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>MISO-1</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>MISO-1</td>
</tr>
<tr>
<td>NYISO</td>
<td>25</td>
<td>25</td>
<td>5</td>
<td>5</td>
<td>NYISO</td>
</tr>
<tr>
<td>MOISO</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>MOISO</td>
</tr>
<tr>
<td>LORIO</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>LORIO</td>
</tr>
</tbody>
</table>

4. Review the TCC and Grandfathered Right inventory and transaction information. A specification of the fields in the report is provided below for your reference.

a. **Contract ID:** For an inventory record, this field contains the unique inventory ID of the record. For a transaction record, this field contains the inventory ID of the inventory record associated with the transaction. This field will be blank for a record designated as an “Interim Award” as reflected in the Award Status field.

b. **Att. L Reference:** For a Grandfathered Right or Grandfathered TCC inventory record, this field contains the Open Access Transmission Tariff (OATT) Attachment L Table 1A reference number of the related transmission agreement. For all other inventory records, this field will be blank. For a transaction record, this field contains the OATT Attachment L Table 1A reference number of the inventory record associated with the transaction (may be blank).

c. **Parent Contract ID:** For an inventory record created through a Secondary Market Transaction (i.e., Change Ownership or Sell a Portion), this field contains the inventory ID of the inventory record (parent) that was transferred/sold to create this inventory record. For all other inventory records, this field will be blank. For a transaction record, this field contains the Parent Contract ID of the inventory record associated with the transaction (may be blank).
d. **Inventory Type**: For an inventory record, this field contains the Inventory Type of the record. For a transaction record, this field contains the Inventory Type of the inventory record associated with the transaction. This field will not contain blank entries.

e. **Primary Holder**: For an inventory record, this field contains the Primary Holder organization name of the record. For a transaction record, this field contains the Primary Holder organization name of the inventory record associated with the transaction. This field will be blank for a record designated as an "Interim Award" as reflected in the Award Status field.

f. **POI ID**: For an inventory record, this field contains the POI PTID of the record. For a transaction record, this field contains the POI PTID of the inventory record associated with the transaction. This field will not contain blank entries.

g. **POI Name**: For an inventory record, this field contains the name of the POI of the record. For a transaction record, this field contains the name of the POI of the inventory record associated with the transaction. This field will not contain blank entries.

h. **POI Zone**: For an inventory record, this field contains the name of the load zone in which the POI of the record is located (note: the POI Zone will be the same as POI Name for a POI that is a load zone). For a transaction record, this field contains the name of the load zone in which the POI of the inventory record associated with the transaction is located. This field will not contain blank entries.

i. **POW ID**: For an inventory record, this field contains the POW PTID of the record. For a transaction record, this field contains the POW PTID of the inventory record associated with the transaction. This field will not contain blank entries.

j. **POW Name**: For an inventory record, this field contains the name of the POW of the record. For a transaction record, this field contains the name of the POW of the inventory record associated with the transaction. This field will not contain blank entries.

k. **POW Zone**: For an inventory record, this field contains the name of the load zone in which the POW of the record is located (note: the POW Zone will be the same as POW Name for a POW that is a load zone). For a transaction record, this field contains the name of the load zone in which the POW of the inventory record associated with the transaction is located. This field will not contain blank entries.

l. **Start Date**: For an inventory record, this field contains the Start Date of the inventory record. For a transaction record, this field contains the Start Date of the transaction record. This field will not contain blank entries. Note: although the Start Time is not
provided in this field, all TCCs, and transactions thereto, currently are valid starting 12:00 midnight (hour beginning 0) of the Start Date.

m. End Date: For an inventory record, this field contains the End Date of the inventory record. For a transaction record, this field contains the End Date of the transaction record. This field will not contain blank entries. Note: although the End Time is not provided in this field, all TCCs, and transactions thereto, currently are valid through 11:59:59 PM (hour beginning 23) of the End Date.

n. Summer MW: For an inventory record, this field contains the MW value of the inventory record effective during Summer Capability Period months. For a transaction record, this field contains the MW value of the transaction record effective during Summer Capability Period months. MW values being released by a transaction are indicated with a negative number (e.g., an auction sale of 3 MW will appear as -3). This field will be blank for Offset Collateral transactions.

o. Winter MW: For an inventory record, this field contains the MW value of the inventory record effective during Winter Capability Period months. For a transaction record, this field contains the MW value of the transaction record effective during Winter Capability Period months. MW values being released by a transaction are indicated with a negative number (e.g., an auction sale of 3 MW will appear as -3). This field will be blank for Offset Collateral transactions.

p. Market Clearing Price ($/MW-duration): For an inventory record purchased in a TCC auction, this field contains the market-clearing price of the inventory record (note: a positive value indicates the purchaser must pay the NYISO for the TCC(s) purchased in the auction). For an Auction Sale transaction record, this field contains the market-clearing price of the transaction record (note: a positive value indicates the NYISO must pay the seller for the TCC(s) sold into the auction). For all other inventory and transaction records, this field will contain the value of "N/A". This field will not contain blank entries.

q. Transaction Type: For an inventory record, this field will be blank. For a transaction record, this field will contain one of the following transaction type descriptions: Auction Sale transactions will be labeled as “Auction Sale”, Change MW transactions will be labeled as “Grandfathered Contract Revision”, Change Ownership and Sell a Portion transactions will be labeled as “Secondary Market Transfer”, Non-Award transactions will be labeled as “Award Inactive Period”, and Offset Collateral transactions will be labeled as “Contract Cancelled for Collateral Offset”.
r. **Round Season:** For an inventory record created from a round stored within the TCC AMS, this field contains the Season of that round. For a transaction record created from a round stored within the TCC AMS, this field contains the Season of that round. For all other inventory and transaction records, this field will be blank.

s. **Round Year:** For an inventory record created from a round stored within the TCC AMS, this field contains the Year of that round. For a transaction record created from a round stored within the TCC AMS, this field contains the Year of that round. For all other inventory and transaction records, this field will be blank.

t. **Round Type:** For an inventory record created from a round stored within the TCC AMS, this field contains the Type of that round. For a transaction record created from a round stored within the TCC AMS, this field contains the Type of that round. For all other inventory and transaction records, this field will be blank.

u. **Round Title:** For an inventory record created from a round stored within the TCC AMS, this field contains the Title of that round. For a transaction record created from a round stored within the TCC AMS, this field contains the Title of that round. For all other inventory and transaction records, this field will be blank.

v. **Round ID:** For an inventory record created from a round stored within the TCC AMS, this field contains the Round ID of that round. For a transaction record created from a round stored within the TCC AMS, this field contains the Round ID of that round. For all other inventory and transaction records, this field will be blank.

w. **Round Version:** For an inventory record created from a round stored within the TCC AMS, this field contains the Version Number of that round. For a transaction record created from a round stored within the TCC AMS, this field contains the Version Number of that round. For all other inventory and transaction records, this field will be blank.

x. **Award Status:** For an inventory record created from a round stored within the TCC AMS and the Status of that round is not “Finalized”, this field will contain the value of “Interim Award”. For a transaction record created from a round stored within the TCC AMS and the Status of that round is not “Finalized”, this field will contain the value of “Interim Award”. For all other inventory and transaction records, this field will be blank.
**Note:** The Round Season, Round Year, Round Type, Round Title, Round ID, and Round Version fields will be blank for TCC auction purchases and sales in auctions prior to the first round administered using the TCC AMS (August 2006 Reconfiguration Auction).
13. TCC ETCNL/RCRR Nominations


This subsection describes the process of viewing a selected ETCNL Nominations Report. All TO users may view available capacity information once the nominations reports are made visible (Status = Nomination Open, Nomination Closed, Approved, Invalidated). All public users may view all information once the reports are approved or invalidated after approval.

**Figure 214: Nominations – Status and Description**

<table>
<thead>
<tr>
<th>Viewed By</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transmission Owner</td>
<td>Nomination Open</td>
<td>Open period for TOs to provide their nominations for RCRR/ETCNL TCCs</td>
</tr>
<tr>
<td>Transmission Owner</td>
<td>Nomination Closed</td>
<td>Period for nomination is closed</td>
</tr>
<tr>
<td>Transmission Owner, Public</td>
<td>Approved</td>
<td>Nominations are approved. TCCs are created.</td>
</tr>
<tr>
<td>Public (after report is approved)</td>
<td>Invalidated</td>
<td>Nomination report is cancelled including any created TCCs</td>
</tr>
</tbody>
</table>

**Read Access:** MPs may only read reports that are approved or invalidated after they have been approved.

TOs have complete read access of their own information.

**Write Access:** None

To view the ETCNL Nominations Report

Pre-Requisite: This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.

1. From the menu bar, click Search and then Nominations (as shown in the following figure).
The Nominations window opens (as shown in the following figure).

Figure 215: Nominations Option on Search Menu in TCC AMS

Figure 216: Nominations Window Showing Means of Filtering and Initiating a Search

2. From the **Nomination Type** drop-down, click *ETCNL*.
3. Choose additional criteria, as needed:
   - **Season**
   - **Year**
   - **Status**
4. Click the **Search** button.

The results of the search criteria appear (as shown in the following figure).
Figure 217: Means of Navigating ETCNL Search Results and Displaying Nomination Details

5. Browse through the reports by using the scroll bar.

6. To sort the results, click any column header to reveal the toggle up (▲) and toggle down (▼) buttons. Each click in a column header will toggle the sorting order.

7. To see a report for an ETCNL nomination, click the nomination’s corresponding Details button.

The details for the selected nomination appear in the lower panel of the active window, as shown in the following figure.

Figure 218: ETCNL Nominations Report

13.2. Elect to Convert ETCNL Nominations

This subsection describes the process through which the TOs may enter Nomination information on the ETCNL Nominations report. TOs may only edit the Nomination of ETCNL values for their ETCNL Holdings.
All TOs may view all ETCNL available capacities for nomination at all points within the process. However, the nominated values for all TOs will not be visible until the nominating report has been approved.

Once the Report has been closed by the NYISO (status = Nomination Closed, Approved, or Invalidated), no additional elections may occur. A TO may only convert ETCNL Nominations when the status of the report is Nomination Open.

**Read Access:** MPs may only read reports that are approved or invalidated after they have been approved.

TOs have complete read access.

**Write Access:** TOs may write their own information while the Nominations period is open.

**To convert ETCNL Nominations**

1. Perform steps 1 through 6 in Section 13.1 to view and search for ETCNL nominations. The results of the search criteria appear (as shown in the following figure).

2. For a nomination whose status is *Nomination Open*, click its corresponding **Details** button.

   The details for the selected nomination appear in the bottom panel. For ease of presentation in this user guide, the window has been split to allow all column headers to be shown (as shown in the following figure).
3. Click the corresponding **Nominate** button.

**Note:** After clicking the **Nominate** button, the TO Nominations of ETCNL Feasibility (MW) will become editable (as shown in the following figure).

**Figure 221: Steps for Completing an ETCNL Nomination**

4. Click in the **TO Nominations of ETCNL Feasibility (MW)** column and enter a value.

**Note:** This value may be equal to or less than the value in the previous column (the "ETCNL Reservation" column).

5. Click the corresponding **Save** button. A message appears (as shown in the following figure).

**Figure 222: ETCNL Nominations Confirmation Prompt**
6. Click the **Continue** button to continue and save (or click the **Cancel** button to exit the edit mode).

**Figure 223: Means of Downloading a ETCNL Nominations Report**

7. To download the report, click the **Download CSV** button (as shown in the above figure).

### 13.3. View RCRR Nominations Report

This subsection describes the process of viewing a selected RCRR Nominations Report. All TO users may view all capacity available for nomination once the nominations reports are made visible (Status = Nomination Open, Nomination Closed, Approved, or Invalidated). All public users may view all information once the reports are approved or invalidated after approval.

**Read Access:** MPs may only read reports that are approved or invalidated after they have been approved.

TOs have complete read access.

**Write Access:** None

#### To view the RCRR Nominations Report

**Pre-Requisite:** This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under [Section 2.3](#) before completing the steps below.

1. From the menu bar, click **Search** and then **Nominations** (as shown in the following figure).
The Nominations window opens (as shown in the following figure).

**Figure 224: Nominations Option on the Search Menu in TCC AMS**

2. From the **Nomination Type** drop-down, choose *RCRR*.
3. Choose additional criteria, as needed:
   - **Season**
   - **Year**
   - **Status**
4. Click the **Search** button.

The results of the search criteria appear (as shown in the following figure).
5. To see a report for an RCRR nomination click the nomination's corresponding Details button.

The details for the selected nomination appear in the lower panel of the window.

13.4. Elect to Convert RCRR Nominations

This subsection describes the process through which the TOs may enter Nomination information on the RCRR Nominations report. TOs may only edit the TO Nomination of RCRR value for their RCRR Holdings. All TOs may view all RCRR capacity available for all other TOs at all points within the process. However, the nominated values are only visible to all TOs when the nominating report has been approved.

Once the Report has been closed by the NYISO (Status = Nomination Closed, Approved, or Invalidated), no additional elections may occur. The TO may only elect to nomination when the status of the report is Nomination Open.

**Read Access:** MPs may only read reports that are approved or invalidated after they have been approved.

TOs have complete read access.

**Write Access:** TOs may write their own information while the Nominations period is open

1. Perform steps 1 through 4 in Section 13.3 to view and search for RCRR nominations.
The results of the search criteria appear (as shown in the following figure).

**Figure 227: Nominations Window Highlighting Details Button for Open Nominations**

2. Choosing a nomination with a *Nomination Open* status, click its corresponding Details button.

   The details for the selected nomination appear in the lower panel of the window (as shown in the following figure).

**Figure 228: Initiating an RCRR Nomination via the Nominate Button**

3. Click within a row to select and click the corresponding Nominate button.

   **Note:** After clicking the Nominate button, in the RCRR Nomination (MW) column will change become editable (as shown in the following figure).
Figure 229: Steps for Completing an RCRR Nomination

4. Click in the **RCRR Nominations (MW)** column and enter a value.

   *Note:* This value may be equal to or less than the value in the previous column (the “**RCRR Available (MW)**” column).

5. Click the corresponding **Save** button. A message window appears (as shown in the following figure).

Figure 230: RCRR Nominations Confirmation Prompt

6. Click the **Continue** button to continue and save. The system will save the nomination value.

Figure 231: Means of Downloading an RCRR Nominations Report

7. To download the report, click the **Download CSV** button.
14. DAM Net Congestion Rent Allocation Factors

This section describes the process of viewing the Day-Ahead Market (DAM) Net Congestion Rent (NCR) Allocation Factor reports. This report is only available to TOs. The DAM NCR Allocation Factors are calculated monthly. These factors are used to allocate the DAM NCR for a given month to the TOs.

14.1. Navigating DAM NCR Allocation Factor Reports

*Read Access:* TOs

*Write Access:* None

To navigate the DAM NCR Allocation Factor reports

**Pre-Requisite:** This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.

1. From the main menu bar, click **Search**, and then click **DAM NCR Allocation Factors** (as shown in the following figure).

*Figure 232: DAM NCR Allocation Factors on Search Menu in TCC AMS*
The DAM NCR Allocation Factors window opens (as shown in the following figure).

**Figure 233: DAM NCR Allocation Factors Search Criteria**

2. Perform a search of DAM NCR Allocation Factor reports, specifying criteria as follows:
   a. From the Month field, choose All or click an individual month
   b. From the Year field, choose All or click an individual year
   c. Choose the criteria for Status:
      - All
      - Approved: DAM NCR Allocation Factor report approved by TMO.
      - Invalidated: Approved DAM NCR Allocation Factor report is no longer valid and a new version of the process must be run.

3. Click the **Search** button. The search results are displayed (as shown in the following figure).

**Figure 234: DAM NCR Allocation Factors Search Window Sorting**
4. If desired, adjust your view of the search results:

To sort the results, click any column header to reveal the toggle up (▲) and toggle down (▼) buttons. Each click in a column header will toggle the sorting order.

![Sorting and Selection Mechanisms for Report Generation](figure235.png)

**Figure 235: Sorting and Selection Mechanisms for Report Generation**

### 14.2. Generating Reports

**Read Access:** TOs

**Write Access:** None

To generate reports

**Pre-Requisite:** This procedure assumes that you have already logged on to the TCC AMS and navigated to the DAM NCR Allocation Factors Search window. If this is not the case, complete the procedures outlined under Sections 2.3 and 14.1, respectively, before completing the steps below.

1. Click the **Download** button.

**Note:** When Download is selected, the file download window opens (as shown in the following figure). The user has the option to **Open**, **Save** or **Cancel** the report.
2. Click the **Open** button to view reports. See Figure 30 through Figure 34 for examples.

When generating a report, it will be in XLSX format and the system will create two tabs within a workbook: one tab for the DAM Net Congestion Rent Allocation Factors Report and a second tab for the Grandfathered Agreements and Direct Sales Imputed Value Report.
14.3. Viewing DAM NCR Allocation Factors Report

This subsection describes how users may view the DAM NCR Allocation Factors Report that is available after the DAM NCR Allocation Factor calculations have been approved by TMO. This report is available to TOs only and contains two tabs: the first is the DAM NCR Allocation Factors Report which summarizes the calculation of the DAM NCR allocation factors and the second is the Grandfathered Agreements and Direct Sales Imputed Value Report which details the calculation of the imputed value associated with each Transmission Provider Segment (Grandfathered contract or Direct Sale) using the pricing information from the auction periods selected as source data. All TOs may view this report and see the complete set of calculations.
Read Access: TOs

Write Access: None

Figure 238: DAM Net Congestion Rent Allocation Factors Report

14.4. Viewing Grandfathered Agreements and Direct Sales Imputed Values

This subsection describes how users may view the DAM NCR Allocation Factors Report that is available after the DAM NCR Allocation Factor calculations have been approved by TMO. This report is only available to TOs. The report contains the imputed value associated with each Transmission Provider Segment (Grandfathered contract or Direct Sale) using the pricing information from the auction rounds/periods selected as source data. All TOs may view this report and see the complete set of calculations.

Read Access: TOs

Write Access: None
**Figure 239: Grandfathered Agreements and Direct Sales Imputed Value Report**

<table>
<thead>
<tr>
<th>TO Name</th>
<th>Segment ID</th>
<th>Inventory ID</th>
<th>Art Ref</th>
<th>PSU</th>
<th>PSU Name</th>
<th>PSW</th>
<th>PSW Name</th>
<th>MW</th>
<th>Nodal Price PSW</th>
<th>Nodal Price PS</th>
<th>MIP</th>
<th>Imputed Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>TO_NA541</td>
<td>1090</td>
<td>3</td>
<td>3</td>
<td>215484 MIDE_WEST_2</td>
<td>61756 MIDE_WEST</td>
<td>101</td>
<td>$830.39</td>
<td>(312.23)</td>
<td>$192.44</td>
<td>$79,098.64</td>
<td></td>
<td></td>
</tr>
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<td>$964.09</td>
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<td>$561.27</td>
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<td>$89.70</td>
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<td>14</td>
<td>227243 MIDE_W</td>
<td>61756 MIDE_W</td>
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<td>$561.27</td>
<td>$964.09</td>
<td>$37.12</td>
<td>$89.70</td>
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<td></td>
</tr>
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<td>227243 MIDE_W</td>
<td>61756 MIDE_W</td>
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<td>$561.27</td>
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<td>227243 MIDE_W</td>
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</tr>
<tr>
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<td>17</td>
<td>227243 MIDE_W</td>
<td>61756 MIDE_W</td>
<td>5</td>
<td>$561.27</td>
<td>$964.09</td>
<td>$37.12</td>
<td>$89.70</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** The second table in this report shows the rounds and periods from which data was retrieved for use in the computation of the Imputed Value for each Transmission Provider Segment. The nodal prices from the periods listed in this table are used in the computation.
15. Transmission Provider Segments

This section describes the process of viewing the Transmission Provider Segments. This information is only available to TOs. One or more Transmission Provider Segments can be associated with a Grandfathered TCC or Grandfathered Right – with each record defining the transmission provider of a particular segment (or portion) of the Grandfathered TCC or Grandfathered Right. Transmission Provider Segments are used to allocate the imputed values of Grandfathered TCCs and Grandfathered Rights to the proper transmission providers. These imputed values are then used in the calculation of the DAM NCR Allocation Factors and the allocation factors for auction periods with negative NPR.

15.1. Navigating Transmission Provider Segments

**Read Access:** TOs

**Write Access:** None

To navigate Transmission Provider Segments

**Pre-Requisite:** This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.

1. From the main menu bar, click Search, and then click Transmission Providers (as shown in the following figure).

Figure 240: Transmission Provider Segments on Search Menu in TCC AMS
The Transmission Provider Segments window opens (as shown in the following figure).

**Figure 241: Transmission Provider Segments Search Criteria**

2. Perform a search of Transmission Provider Segments, specifying criteria as follows:
   a. **Segment ID** – enter the Segment ID number or leave blank to not search for a specific Segment ID
   b. **Inventory ID** – enter the Inventory ID number or leave blank to not search for a specific Inventory ID
   c. **Transmission Provider** – this field will default to all, a specific TO can be selected
   d. **Start of Active Date Range** – enter a date to search for records that are still active on or after the specified date or leave blank to not search using an active date range start date
   e. **End of Active Date Range** – enter a date to search for records that are active on or before the specified date or leave blank to not search using an active date range end date
   f. **Status** (All, Valid or Invalidated)

3. Click the **Search** button. The search results are displayed (as shown in the following figure).
Figure 242: Transmission Provider Segments Search Window Sorting

4. If desired, adjust your view of the search results:

To sort the results, click any column header to reveal the toggle up (▲) and toggle down (▼) buttons. Each click in a column header will toggle the sorting order.
16. Historic Fixed Price TCC Revenue

This section describes the process for viewing the Historic Fixed Price TCC Revenue data. This information is only available to TOs.

16.1. Navigating Historic Fixed Price TCC Revenue

Read Access: TOs

Write Access: None

To navigate Historic Fixed Price TCC Revenue

Pre-Requisite: This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.

1. From the main menu bar, click Search, and then click Historic Fixed Price TCC Revenue (as shown in the following figure).

Figure 243: Historic Fixed Price TCC Revenue on Search Menu in TCC AMS

The Historic Fixed Price TCC Revenue window opens (as shown in the following figure).
2. Perform a search of Historic Fixed Price TCC Revenue data, specifying criteria as follows:

   g. **Transmission Owner** – this field will default to all, a specific TO can be selected
   
   h. **Start of Active Date Range** – enter a date to search for records that are still active on or after the specified date or leave blank to not search using an active date range start date
   
   i. **End of Active Date Range** – enter a date to search for records that are active on or before the specified date or leave blank to not search using an active date range end date
   
   j. **Status** (All, Valid or Invalidated)

3. Click the **Search** button. The search results are displayed (as shown in the following figure).

4. If desired, adjust your view of the search results:
   
   To sort the results, click any column header to reveal the toggle up (▲) and toggle down (▼) buttons. Each click in a column header will toggle the sorting order.
17. Non-Historic Fixed Price TCC Certification

17.1. View Certifications

This subsection describes the process of viewing a selected Certification Report. The report is confidential to the specific LSE and may be viewed once information has been approved by TMO.

Certification is a process that LSEs complete to qualify for purchasing NHFPTCCs. The Certifications represent the maximum number of NHFPTCCs an LSE may nominate, per Load Zone, in a NHFPTCC Allocation Round. The certification process must be completed prior to the start of the NHFPTCC Allocation round for the LSE to be an eligible purchaser in that round.

Note: Users in the TCC AMS are identified as MP users. LSEs and/or agents for LSEs represent a subset of MPs. Only LSEs and/or agents may qualify for purchasing NHFPTCCs.

Read Access: MPs

Write Access: None

To view the Certification Information

Pre-Requisite: This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.

1. From the menu bar, click Search and then Certifications (as shown in the following figure.

Figure 246: Certifications Option on Search Menu in TCC AMS
The Certifications window opens (as shown in the following figure).

**Figure 247: Certifications Window Showing Means of Filtering and Initiating a Search**

2. Perform a search, specifying criteria as follows:
   
a. From the **Year** field, choose **All** or click an individual year

b. Choose the criteria for **Season**:
   
   - **All**: Selects all Rounds matching the chosen criteria
   - **Summer**: Monthly Reconfiguration Auctions – May to October
   - **Autumn**: Autumn Centralized TCC Auction Rounds and Non-Historic Fixed Price TCC Allocation and Renewal Rounds – For TCCs effective November 1st
   - **Winter**: Monthly Reconfiguration Auctions – November to April
   - **Spring**: Spring Centralized TCC Auction Rounds and Non-Historic Fixed Price TCC Allocation and Renewal Rounds – For TCCs effective May 1st

c. Choose the criteria for **Status**:
   
   - **All**
- **Approved**: Certification approved by TMO.
- **Invalidated**: Originally approved certification that is no longer valid.

3. Click the **Search** button.

The results of the search criteria appear (as shown in the following figure).

**Figure 248: Means of Search Results and Displaying NHFPTCC Certification Details**

4. Browse through the reports by using the scroll bar.

5. To sort the results, click any column header to reveal the toggle up (▲) and toggle down (▼) buttons. Each click in a column header will toggle the sorting order.

6. To view the details of a certification, click the certification's corresponding **Details** button.

The details for the selected certification appear in the lower panel of the active window, as shown in the following figure.
Figure 249: NHFPTCC Certifications Report

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<th>MP Name</th>
<th>LIE ID</th>
<th>LIE Name</th>
<th>Load Zone</th>
<th>Certified MPH</th>
<th>Avg Historic Hourly Load</th>
<th>Load Date Start Date</th>
<th>Max Total Areal MWHs of Historic TCCs</th>
<th>Load Zone</th>
</tr>
</thead>
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</tr>
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<tr>
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<td></td>
<td></td>
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<td></td>
<td>14.4441619708</td>
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<td></td>
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</table>
18. Public Users

This section describes how public users may view the reports available through the NYISO website.

This section describes the following functionality:

- Viewing Binding Constraints
- Viewing Nodal Prices
- Viewing Awards Summaries
- Viewing ETCNL/RCRR Nominations
- Viewing the Summary of Transmission Contracts Report
- Viewing Masked Bids and Offers
- Viewing PAR Flows
- Viewing the TCC and Grandfathered Rights Report

18.1. Accessing Public Reports

To access public reports

1. From the NYISO webpage (www.nyiso.com), enter the Markets menu (as shown in the following figure).

2. Choose the Transmission Congestion Contracts (TCC) link, (as shown in the following figure).
3. The NYISO Transmission Congestion Contracts (TCC) page opens with links to public views of reports (as shown in the following figure).

4. The following public reports will be available for viewing through the NYISO public website for all users including those that have neither a NYISO digital certificate nor an MIS user account:
   - Binding Constraints
   - Nodal Prices
   - Awards Summaries
   - ETCNL/RCRR Nomination Details
   - Summary of Transmission Contracts Report
   - Masked Bids and Offers
   - PAR Flows
   - TCC and Grandfathered Rights Report

5. On the NYISO Transmission Congestion Contracts (TCC) page, click the report link you would like to view (as shown in the following figure), the next section describes how to generate each public report.
18.2. Viewing Public Reports

18.2.1. Binding Constraints Public Reports

To view the Binding Constraints reports

Pre-Requisite: This procedure assumes that you have already navigated to the NYISO TCC webpage and have selected the report you would like to view. If this is not the case, complete the procedure outlined under Section 18.1 before completing the steps below.

1. After selecting Binding Constraints from the Transmission Congestion Contracts (TCC) page, the public Binding Constraints report functionality is displayed (as shown in the following figure).
2. Click the **Round** drop-down arrow to view the available reports (as shown in the following figure).

3. After selecting the desired report, click the **Display** button.

The report appears (as shown in the following figure).
Figure 254: Binding Constraints Page Displaying Report

Note: The report may be downloaded in .xlsx or .csv formats (as shown in the above figure).

Note: The Shadow Price of Constraint column will not be displayed for rounds posted prior to 2014.

18.2.2. Nodal Prices Public Reports

To view the Nodal Prices reports

Pre-Requisite: This procedure assumes that you have already navigated to the NYISO TCC webpage and have selected the report you would like to view. If this is not the case, complete the procedure outlined under Section 18.1 before completing the steps below.

1. After selecting Nodal Prices from the Transmission Congestion Contracts (TCC) page, the public Nodal Prices report functionality is displayed (as shown in the following figure).
2. Click the **Round** drop-down arrow to view the available reports (as shown in the following figure).

![Figure 256: Nodal Prices Page Showing Available Auction Rounds](image)

3. After selecting the desired report, click the **Display** button.

The report appears (as shown in the following figure).
18.2.3. Awards Summary Public Reports

To view the Awards Summary reports

Pre-Requisite: This procedure assumes that you have already navigated to the NYISO TCC webpage and have selected the report you would like to view. If this is not the case, complete the procedure outlined under Section 18.1 before completing the steps below.

1. After selecting Awards Summary from the Transmission Congestion Contracts (TCC) page, the Awards Summary report functionality is displayed (as shown in the following figure).

Figure 258: Awards Summary Page
2. Click the **Round** drop-down arrow to view the available reports (as shown in the following figure).

**Figure 259: Awards Summary Page Showing Available Rounds**

3. After selecting the desired report, click the **Display** button.
   
   The report appears (as shown in the following figure).

**Figure 260: Awards Summary Page Displaying Report**
18.2.4. ETCNL/RCRR Nominations Public Reports

To view the ETCNL/RCRR Nominations reports

Pre-Requisite: This procedure assumes that you have already navigated to the NYISO TCC webpage and have selected the report you would like to view. If this is not the case, complete the procedure outlined under Section 18.1 before completing the steps below.

1. After selecting Nomination Details from the Transmission Congestion Contracts (TCC) page, the public ETCNL/RCRR Nominations report functionality is displayed (as shown in the following figure).

Figure 261: ETCNL/RCRR Nominations Page

2. Click the Nomination drop-down arrow to view the available reports (as shown in the following figure).

Figure 262: ETCNL/RCRR Nominations Page Showing Available Reports

3. After selecting the desired report, click the Display button.
The report appears (as shown in one of the following two figures).

**Figure 263: ETCNL/RCRR Nominations Page Displaying RCRR Nominations Report**

**Figure 264: ETCNL/RCRR Nominations Page Displaying ETCNL Nominations Report**

*Note:* The report may be downloaded in the .csv format (as shown in the above two figures).
18.2.5. Summary of Transmission Contracts Public Report

To view the Summary of Transmission Contracts report

Pre-Requisite: This procedure assumes that you have already navigated to the NYISO TCC webpage and have selected the report you would like to view. If this is not the case, complete the procedure outlined under Section 18.1 before completing the steps below.

1. After selecting Summary of Transmission Contracts from the Transmission Congestion Contracts (TCC) page, the public Summary of Transmission Contracts report functionality is displayed (as shown in the following figure).

Figure 265: Summary of Transmission Contracts Page

2. Enter the Active Range Start Date and the Active Range End Date.

Note: Entering Active Range Start and End Dates is optional. If both Active Range Start and End Dates are not entered, all TCC and Grandfathered Right inventory records and their associated transaction records will be returned in the results. Note that if no date filter is applied when generating this file, the results will include a large volume of records which includes numerous expired records.

3. Click the Download CSV button.

The report appears (as shown in the following figure). For additional details on this report, see Section 12.1.

Figure 266: Summary of Transmission Contracts Report
18.2.6. Masked Bids and Offers Public Reports

To view the Masked Bids and Offers reports

**Pre-Requisite:** This procedure assumes that you have already navigated to the NYISO TCC webpage and have selected the report you would like to view. If this is not the case, complete the procedure outlined under Section 18.1 before completing the steps below.

1. After selecting Masked Bids/Offers from the Transmission Congestion Contracts (TCC) page, the public Masked Bids/Offers report functionality is displayed (as shown in the following figure).

![Figure 267: Masked Bids/Offers Page](image)

2. Click the Round drop-down arrow to view the available reports (as shown in the following figure).

![Figure 268: Masked Bids/Offers Page Showing Available Auction Rounds](image)

3. After selecting the desired report, click the Display button. The report appears (as shown in the following figure).
Figure 269: Masked Bids/Offer Page Displaying Report

![Image of Masked Bids/Offer Page]

Note: The report may be downloaded in the .xlsx or .csv formats (as shown in the above figure).

4. To download the report, click the **Download CSV** or **Download XLSX** button.

The report appears (as shown in the following figure).

Figure 270: Masked Bids and Offers Report

![Image of Masked Bids and Offers Report]

**Report download options**

- **Download XLSX**: Click to download the report in .xlsx format.
- **Download CSV**: Click to download the report in .csv format.

### Report Download Options

- **Period ID**: Unique identifier for each report entry.
- **Period Name**: Name of the period being reported on, e.g., “Summer 2019 - Winter 2019-2020.”
- **Start Date** and **End Date**: Dates marking the beginning and end of the period.
- **Group ID**, **Masked Participant ID**, **Masked Source ID**, **Masked Sink ID**: Identifiers for various groups or entities.
- **Bid/Offer MW** and **Bid/Offer $**: Details about bids or offers, including amount and unit (MW or $).

### Round Summary

<table>
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<th>Round Type</th>
<th>Year</th>
<th>Stage</th>
<th>Round</th>
<th>Class</th>
<th>Version</th>
<th>Round Status</th>
<th>Round Title</th>
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</thead>
<tbody>
<tr>
<td>Winter</td>
<td>Balance-of-Period Auction</td>
<td>2017</td>
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<td>6</td>
<td>6</td>
<td>1</td>
<td>Approved</td>
<td>February 2017</td>
</tr>
</tbody>
</table>

Report Cn: 03/28/2017 12:46:04
18.2.7. PAR Flows Public Reports

To view the PAR Flows reports

Pre-Requisite: This procedure assumes that you have already navigated to the NYISO TCC webpage and have selected the report you would like to view. If this is not the case, complete the procedure outlined under Section 18.1 before completing the steps below.

1. After selecting PAR Flows from the Transmission Congestion Contracts (TCC) page, the public PAR Flows report functionality is displayed (as shown in the following figure).

**Figure 271: PAR Flows Page**

![PAR Flows Page](image)

2. Click the Round drop-down arrow to view the available reports (as shown in the following figure).

**Figure 272: PAR Flows Page Showing Available Auction Rounds**

![PAR Flows Page Showing Available Auction Rounds](image)

3. After selecting the desired report, click the Display button. The report appears (as shown in the following figure).

![Display button](image)
Figure 273: PAR Flows Page Displaying Report

![Report download options](image)

**Note:** The report may be downloaded in the .xlsx or .csv formats (as shown in the above figure).

4. To download the report, click the **Download CSV** or **Download XLSX** button.

The report appears (as shown in the following figure).

Figure 274: PAR Flows Report

<table>
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<th>Period Name</th>
<th>Start</th>
<th>End</th>
<th>PAR Name</th>
<th>PTID</th>
<th>From Bus</th>
<th>From Bus Name</th>
<th>From kV</th>
<th>To Bus</th>
<th>To Bus Name</th>
<th>To kV</th>
<th>Circuit</th>
<th>Control Type</th>
<th>Side</th>
<th>MW Flow</th>
</tr>
</thead>
<tbody>
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<td>1</td>
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<td>Optimized</td>
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<td>10/31/2019</td>
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<td>25622</td>
<td>92</td>
<td>CORONA</td>
<td>138</td>
<td>91</td>
<td>CORONA</td>
<td>138</td>
<td>1</td>
<td>Optimized</td>
<td>-86.2</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Summer 2019</td>
<td>03/01/2019</td>
<td>10/31/2019</td>
<td>CORONA_138A_138B_BTK1</td>
<td>25621</td>
<td>92</td>
<td>CORONA</td>
<td>138</td>
<td>93</td>
<td>CORONA</td>
<td>138</td>
<td>1</td>
<td>Optimized</td>
<td>-85.6</td>
<td></td>
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<tr>
<td>1</td>
<td>Summer 2019</td>
<td>03/01/2019</td>
<td>10/31/2019</td>
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<td>EASTRVR</td>
<td>69</td>
<td>122</td>
<td>EASTRVR</td>
<td>69</td>
<td>1</td>
<td>Optimized</td>
<td>53.2</td>
<td></td>
</tr>
</tbody>
</table>

18.2.8. **TCC and Grandfathered Rights Public Report**

**To view the TCC and Grandfathered Rights Report**

**Pre-Requisite:** This procedure assumes that you have already navigated to the NYISO TCC webpage and have selected the report you would like to view. If this is not the case, complete the procedure outlined under **Section 18.1** before completing the steps below.
1. After selecting **TCC and Grandfathered Rights Report** from the Transmission Congestion Contracts (TCC) page, the public **TCC and Grandfathered Rights Report** functionality is displayed (as shown in the following figure).

![Figure 275: TCC and Grandfathered Rights Report Page](image)

2. Enter the **Active Range Start Date** and the **Active Range End Date**.

   **Note:** Entering Active Range Start and End Dates is optional. If both Active Range Start and End Dates are not entered, all TCC and Grandfathered Right inventory records and their associated transaction records will be returned in the results. Note that if no date filter is applied when generating this file, the results will include a large volume of records which includes numerous expired records.

3. Click the **Download CSV** button.

   The report appears (as shown in the following figure). For additional details on this report, see Section 12.5.

![Figure 276: TCC and Grandfathered Rights Report (in two parts)](image)
19. Outage Occurrences

An Outage Occurrence is a record in the TCC AMS that defines the time period when an Expansion associated with the MP’s Incremental TCCs has been deemed to be wholly or partially out of service. This section describes how an MP may view and download their Outage Occurrence records. Additionally, this section will describe how an MP may download the TCCs created specifically to assess outage charges due to Expansion outages (Outage TCCs).

19.1. Viewing Outage Occurrences

Read Access: MPs

Write Access: None

To view Outage Occurrence page

Pre-Requisite: This procedure assumes that you have already logged on to the TCC AMS. If this is not the case, complete the procedure outlined under Section 2.3 before completing the steps below.

1. From the menu bar, click Search, and then click Occurrences (as shown in the following figure).

Figure 277: Occurrence Option on the Search Menu in TCC AMS

The Outage Occurrence page appears (as shown in the following figure).

Figure 278: Outage Occurrence Page Illustrating Steps in Executing a Search

Note: The MP Name field defaults to the user’s organization name.

2. Select the search criteria:
a. **Portfolio** – a drop-down list that allows any Incremental TCC Portfolio associated with your organization to be selected or the “All” default option can be selected to return Outage Occurrences associated with all of your organization’s Incremental TCC Portfolios

b. **Occurrence ID** – enter the Occurrence ID number (optional field, may be left blank)

c. **MP Name** – this field will only contain your organization’s name (not editable)

d. **Status** – this field will only contain the status of “Approved” (not editable)

e. **Active Range Start Date** – Outage Occurrences will be returned that end on or after the date entered (optional field, may be left blank)

f. **Active Range End Date** – Outage Occurrences will be returned that start before or on the date entered (optional field, may be left blank)

3. Click the **Search** button.

The results are displayed (as shown in the following figure).

**Figure 279: Outage Occurrence Page Displaying Search Results**

4. Review Outage Occurrence information. Additional details regarding the fields in the report are provided below for your reference:

   g. **Occurrence ID**: Unique identifier of an Outage Occurrence

   h. **Portfolio**: Portfolio ID and Portfolio Description associated with an Outage Occurrence

   i. **Outage State Name**: Description of an Outage State

   j. **MP Name**: Name of the organization responsible for the Outage Occurrence

   k. **Start Date**: Start date and time of the Outage Occurrence

   l. **End Date**: End date and time of the Outage Occurrence

   m. **Status**: Status of the Outage Occurrence (must be Approved to be visible to MPs)

   n. **Last Updated By**: Display the name of the user who last updated the Outage Occurrence

   o. **Last Updated Date**: Display the date and time the Outage Occurrence was last updated
19.2. Downloading Outage Occurrence Details

This subsection describes how the user may download Outage Occurrence details. The MP is allowed to only access and read its own information for all Outage Occurrences returned in the search.

**Read Access:** MPs

**Write Access:** None

To download Outage Occurrences

1. View the Outage Occurrence page, use search criteria to return results as described in Section 19.1.

**Figure 280: Outage Occurrence Page – Download Outage Occurrences**

2. Click the Download Occurrences button.

   Outage Occurrence search results are downloaded with column headers included (as shown in the following sample figure). The download is generated in CSV format.

**Figure 281: Outage Occurrence Download File Format**

19.3. Downloading Outage TCC Details

This subsection describes how the user may download Outage TCC details. The MP is allowed to only access and read its own information for all Outage Occurrences returned in the search.

**Read Access:** MPs

**Write Access:** None

To download Outage TCCs
1. View the Outage Occurrence page, use search criteria to return results as described in Section 19.1.

Figure 282: Outage Occurrence Page – Download Outage TCCs

2. Click the **Download Outage TCCs** button.

Outage TCCs associated with the Outage Occurrences returned by the search results are downloaded with column headers included (as shown in the following sample figure). The download is generated in CSV format.

Figure 283: Outage TCC Download File Format

<table>
<thead>
<tr>
<th>TCC ID</th>
<th>Domain</th>
<th>Summer Mw</th>
<th>Winter Mw</th>
<th>Outage Occurrence ID</th>
<th>Portfolio</th>
<th>Outage State Name</th>
<th>MP Name</th>
<th>Start Date and Time</th>
<th>End Date and Time</th>
<th>Last Updated By</th>
<th>Last Update Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>999999</td>
<td>99999</td>
<td>10</td>
<td>20</td>
<td>99999 999 - Sample Portfolio</td>
<td>Full Outage</td>
<td>Sample MP</td>
<td>01/01/2016 00:00:00</td>
<td>01/31/2016 23:59:59</td>
<td>Sample User</td>
<td>11/16/2016 16:59:57</td>
<td></td>
</tr>
<tr>
<td>999999</td>
<td>99999</td>
<td>20</td>
<td>10</td>
<td>99999 999 - Sample Portfolio</td>
<td>Full Outage</td>
<td>Sample MP</td>
<td>02/01/2016 00:00:00</td>
<td>02/29/2016 23:59:59</td>
<td>Sample User</td>
<td>11/16/2016 17:00:38</td>
<td></td>
</tr>
</tbody>
</table>
## Appendix A  TCC Acronyms

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMS</td>
<td>Automated Market System</td>
</tr>
<tr>
<td>BoP</td>
<td>Balance-of-Period</td>
</tr>
<tr>
<td>DAM</td>
<td>Day-Ahead Market</td>
</tr>
<tr>
<td>ETCNL</td>
<td>Existing Transmission Capacity for Native Load</td>
</tr>
<tr>
<td>FFB</td>
<td>Facility Flow-Based</td>
</tr>
<tr>
<td>HFPTCC</td>
<td>Historic Fixed Price TCC</td>
</tr>
<tr>
<td>LBMP</td>
<td>Locational Based Marginal Price</td>
</tr>
<tr>
<td>LSE</td>
<td>Load Serving Entity</td>
</tr>
<tr>
<td>MCP</td>
<td>Market Clearing Price</td>
</tr>
<tr>
<td>MIS</td>
<td>Market Information System</td>
</tr>
<tr>
<td>MP</td>
<td>Market Participant</td>
</tr>
<tr>
<td>MW</td>
<td>Megawatt</td>
</tr>
<tr>
<td>NCR</td>
<td>Net Congestion Rent</td>
</tr>
<tr>
<td>NHFPTCC</td>
<td>Non-Historic Fixed Price TCC</td>
</tr>
<tr>
<td>NNPR</td>
<td>Negative Net Period Revenue</td>
</tr>
<tr>
<td>NPR</td>
<td>Net Period Revenue (also referred to as Net Auction Revenue)</td>
</tr>
<tr>
<td>PAR</td>
<td>Phase Angle Regulator</td>
</tr>
<tr>
<td>POI</td>
<td>Point of Injection</td>
</tr>
<tr>
<td>POW</td>
<td>Point of Withdrawal</td>
</tr>
<tr>
<td>PTID</td>
<td>Point Identifier</td>
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<tr>
<td>RCRR</td>
<td>Residual Capacity Revenue Right</td>
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<tr>
<td>TCC</td>
<td>Transmission Congestion Contract</td>
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<td>TMO</td>
<td>TCC Market Operations</td>
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<tr>
<td>TO</td>
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