



UG 13

Credit Management System User's Guide

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Revision History

Version	Date	Revisions
1.0	10/19/2010	Initial Release
1.1	12/01/2010, 6/16/2011	Section 1.2 <ul style="list-style-type: none"> ➤ Clarified valid browser versions.
1.2	06/13/2012	Revisions include changes based on Credit Management System Redesign Project Phase 2
2.0	06/26/2013	Revisions include changes based on Energy Transactions credit changes Project Section 4.5 <ul style="list-style-type: none"> ➤ New section detailing Energy Transactions Requirements
3.0	06/18/2014	Revisions include Credit Management System changes to support: Enhanced MP Data Access project Section 3 <ul style="list-style-type: none"> ➤ New Section detailing improved Minimum Participation data accessibility MP Fund Request Section 4.5 <ul style="list-style-type: none"> ➤ New section detailing a new process for requesting funds to be returned or transferred via the CMS system
4.0	11/04/2014	Revisions to support CTS PJM project <ul style="list-style-type: none"> ➤ Updates to Section 5.5 Energy Transactions UI ➤ New Section 5.5.2 Viewing Energy Transactions Bid Curve-existing functionality that was not previously documented in the user guide
4.1	02/20/2015	Revisions to support True Up Exposure implementation <ul style="list-style-type: none"> ➤ New Section 5.6 True Up Exposure Requirement
4.2	10/29/2015	Revisions to support ICAP Spot Market Zero Dollar Offers Section 5.2.2 <ul style="list-style-type: none"> ➤ New section describing ICAP Spot Bid Details
5.0	11/17/2017	Recertification and Revisions include: <ul style="list-style-type: none"> ➤ Updated screenshots of the Credit Summary Page – the addition of the True Up credit requirement changed the layout of this screen which is used repeatedly throughout the document ➤ Added sections related to Balance of Period TCC transactions – new functionality resulted in the addition of several UI screens in CMS ➤ Updated screenshots of menu listings – the addition of the True Up credit requirement changed the menu listing on this screen which is used repeatedly throughout the document
5.1	6/13/18	Revisions to support True-up Exposure Enhancements implementation

		<ul style="list-style-type: none"> ➤ Updates to section 5.6 True Up Exposure Requirement ➤ Updated screenshots of True Up Exposure screen changes
5.2	3/20/2019	<p>Section 1.3</p> <ul style="list-style-type: none"> ➤ Updated verbiage in section 1.3. Section II form is now referred to as Section F Form. <p>Global</p> <ul style="list-style-type: none"> ➤ Updated URL's, location names, and screen displays resulting from NYISO public website redesign
5.3	03/13/2020	<p>Global</p> <ul style="list-style-type: none"> ➤ Updated branding and formatting ➤ Updated broken hyperlinks to reflect new website locations <p>Section 5.3.1</p> <ul style="list-style-type: none"> ➤ Updated TCC position trend history field definitions <p>Section 5.3.2</p> <ul style="list-style-type: none"> ➤ Updated the TCC auction field definitions ➤ Updated the TCC auction/round field definitions
5.4	10/14/2020	<p>Revisions to support Financial Risk Assessment enhancements</p> <p>Section 2.1</p> <ul style="list-style-type: none"> ➤ Updated Market Participant with new fields and field definitions <p>Section 2.2</p> <ul style="list-style-type: none"> ➤ New section detailing the new Annual Required Documents screen <p>Section 3.1</p> <ul style="list-style-type: none"> ➤ Updated field definitions <p>Section 4</p> <ul style="list-style-type: none"> ➤ New section detailing the new Financial Risk Funds screen
5.5	10/13/2021	<p>Revisions to support TCC Credit enhancements</p> <p>Table of Figures</p> <ul style="list-style-type: none"> ➤ Figure Captions updated throughout document <p>Sections 6.3, 6.3.3, 6.3.4, 6.3.5 and 6.3.6</p> <ul style="list-style-type: none"> ➤ Updated screens and tables to remove reference to Part B Requirement <p>Section 6.3.3 Viewing Part B Requirement</p> <ul style="list-style-type: none"> ➤ Removed entire section
5.6	10/31/2022	Recertified

		<p>Table of Figures</p> <ul style="list-style-type: none">➤ Updated Figure Captions throughout document➤ Updated screenshot for Figure Intro3
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Relation of this Guide to NYISO's Tariffs and Agreements

To the extent that information in this Credit Management System User Guide is inconsistent with the NYISO's tariffs or agreements, the NYISO's tariffs and agreements shall control. This guide is intended solely for informational purposes and is subject to change.

1. Introduction to the Credit Management System User's Guide

The Credit Management System (CMS) is a New York Independent System Operator (NYISO) software application designed to allow viewing and maintenance of Credit information by qualified users.

1.1. System Purpose and Capabilities

Via a Web-based interface, CMS provides the means for a Market Participant (MP) to:

- View a summary of current Credit position;
- View a summary of posted Credit by Credit instrument;
- View a detailed history of posted Credit instrument changes;
- Allocate posted Credit to Markets and Programs;
- Request unallocated credit to be returned or transferred to pay an invoice
- View a summary of open Prepayment and/or Margin Call payment requests;
- View a summary of open Collateral requests;
- View a summary of open Minimum Participation requests
- View a summary of current Energy/Ancillary Services Market credit requirements;
- View a summary of current True-up Exposure credit requirements;
- View a summary of current Energy Transactions Market credit requirements;
- View a summary of current Installed Capacity (ICAP) Market credit requirements;
- View a summary of current TCC Market credit requirements;
- View a summary of current Virtual Market credit requirements
- View a summary of current TSC credit requirements;
- View a summary of current DSASP Market credit requirement; and
- View a summary of current DADRP Market credit requirements.

1.2. Technology Requirements

Following are the technology requirements for the CMS:

- *Operating System:* Microsoft® Windows®
- *Browser:* Windows Internet Explorer® (version 7.0) or Mozilla Firefox™ (version 3.5)
- *Javascript:* Enabled
- *Screen Resolution:* Minimum 1024x768 page resolution
- *Internet Connection:* Recommended connection of at least 56kbps

1.3. Pre-Requisites for System Use

Following are the pre-requisites for using CMS:

1. Registering as a NYISO MP
2. Submitting Section F form to the NYISO Credit Department
3. Assigning designated MP administrator(s)
4. Assigning user privileges to the CMS
5. Configuring computers for system use

1.3.1. Registering as a NYISO Market Participant

Information on registering as a NYISO MP can be found in Section 4 of the *NYISO Market Participant User's Guide*, available from the NYISO Web site at the following URL:

<https://www.nyiso.com/manuals-tech-bulletins-user-guides>

1.3.2. Submitting Section F Form to the NYISO Credit Department

The Section F form must be submitted to and approved by the NYISO Credit Department in order for the organization to receive privileges to access CMS.

The Section F form can be found on the NYISO Web site at the following URL:

<https://www.nyiso.com/credit>

1.3.3. Assigning Designated Market Participant Administrator(s)

As part of the registration process, the prospective MP must specify one or more representatives of the MP organization who will be an Administrator for the organization. In approving the MP registration, the NYISO will assign the designated MP Administrator(s) the privilege required to administer use of CMS by MP representatives.

1.3.4. Assigning User Privileges to CMS

The designated MP Administrator(s) will assign user privileges via the MIS following existing administration processes.

Note: Refund requests will be approved only if the requestor is a Credit contact listed on the Section F form.

Additional documentation on the administration process can be found in Section 6 of the *NYISO Market Participant User Guide* on the NYISO Web site at the following URL:

<https://www.nyiso.com/manuals-tech-bulletins-user-guides>

1.3.5. Understanding User Privileges in CMS

The tasks a user will be able to perform within CMS depend on the user's CMS privilege level. [Figure Intro](#) lists the two levels of CMS privilege along with the usage rights conferred by those privilege levels.

Figure Intro1: CMS Privilege Levels and Corresponding Usage Rights

Privilege Level	Usage Rights
CREDIT - CMS WEB UI MP READ-ONLY USER	View access to all pages in CMS for the MP the user represents.
CREDIT - CMS WEB UI MP FULL ACCESS USER	Full access to all functionality offered in CMS for the MP the user represents.

1.3.6. Configuring Computer for System Use

All prospective CMS users must have installed on the computers from which they will access CMS a valid digital certificate specific to a supported browser of their choice. The digital certificate provides for a secure connection between the NYISO computer systems and MP computer systems.

For instructions on obtaining digital certificates along with additional information including considerations related to security, logging in, and reliability; browser recommendations, and installation instructions, refer to Section 4 of the *NYISO Market Participant User's Guide*, available from the NYISO Web site at the following URL:

<https://www.nyiso.com/manuals-tech-bulletins-user-guides>

Note: Digital certificates are not application-specific. If the user already has an active certificate in conjunction with other NYISO secured systems, that same certificate can be used to access CMS, assuming appropriate system user privileges are in place.

1.4. Accessing the System

Access to CMS is initiated from a secure page on the NYISO Web site. It can be accessed via the Credit link or the Market Access Login link.

Pre-requisite

The MP has completed all pre-requisite tasks for system use, as outlined in [Section 1.3](#).

1.4.1. Accessing the System via Credit Link

To access CMS

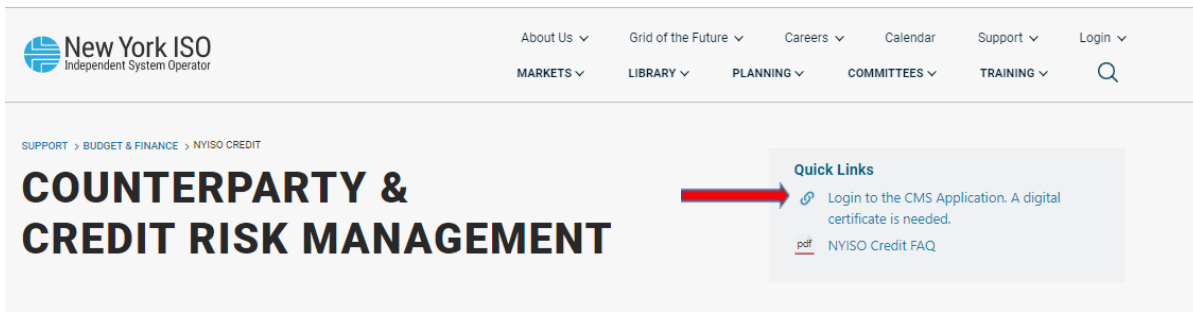
Note: This procedure outlines the access path to the CMS login page from the NYISO Web site home page. If you would instead prefer to directly access the login page, the location is www.nyiso.com/credit. In this case, skip directly to step 1 of this procedure.

1. Point your browser to the NYISO Home page at www.nyiso.com.
2. On the NYISO Home page, hover over the Support header and click on NYISO Credit. The NYISO Credit Department Main page opens.
3. Under the Quick Links heading, click the **Login to CMS application** link.

Figure Intro2: NYISO Home Page



Figure Intro3: CMS Privilege Levels and Corresponding Usage Rights



Support

- Budget & Finance ^
 - Budget & Priorities Working Group
 - Billing & Settlements v
 - Billing Rates
 - NVISO Credit**
- Customer Registration
- Knowledge Articles
- Market Monitoring
- Member Community

Counterparty & Credit Risk Management

The Counterparty & Credit Risk Management Department assesses Market Participant credit requirements and assists in mitigating defaults that would otherwise be mutualized among Market Participants. Based on the assessments, the Counterparty & Credit Risk Management Department will assign a level of unsecured credit to credit worthy Market Participants or request collateral to support activity in the NYISO-administered markets. The Counterparty & Credit Risk Management Department also assesses financial exposure by market and evaluates the financial health of each Market Participant and applicant utilizing Know Your Customer tools, financial risk management analysis and metrics.

For General Customer Counterparty & Credit Risk Support

Contact credit_department@nyiso.com

To speak with a specific NYISO Counterparty & Credit Risk Management Team Member, view the list below:

<p>Sheri Prevratil Manager, Counterparty & Credit Risk Management 518.356.6174</p>	<p>Jeni Husted Lead Credit Risk Analyst 518.356.7644</p>
<p>John Jucha Senior Credit Risk Analyst 518.356.6204</p>	<p>Becky Pelletier Senior Credit Risk Analyst 518.356.7331</p>
<p>Drew Getman Credit Risk Analyst 518.356.7673</p>	

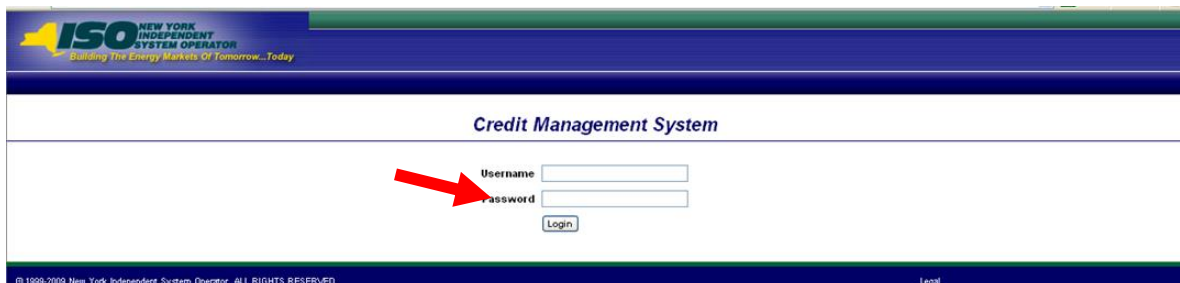
1. In the corresponding fields, type your **Username** and **Password** .

Note: The password is case sensitive.

2. Activate the **Login** button.

The CMS opens to display the Credit Summary page, and you may begin to use the system per your assigned privileges.

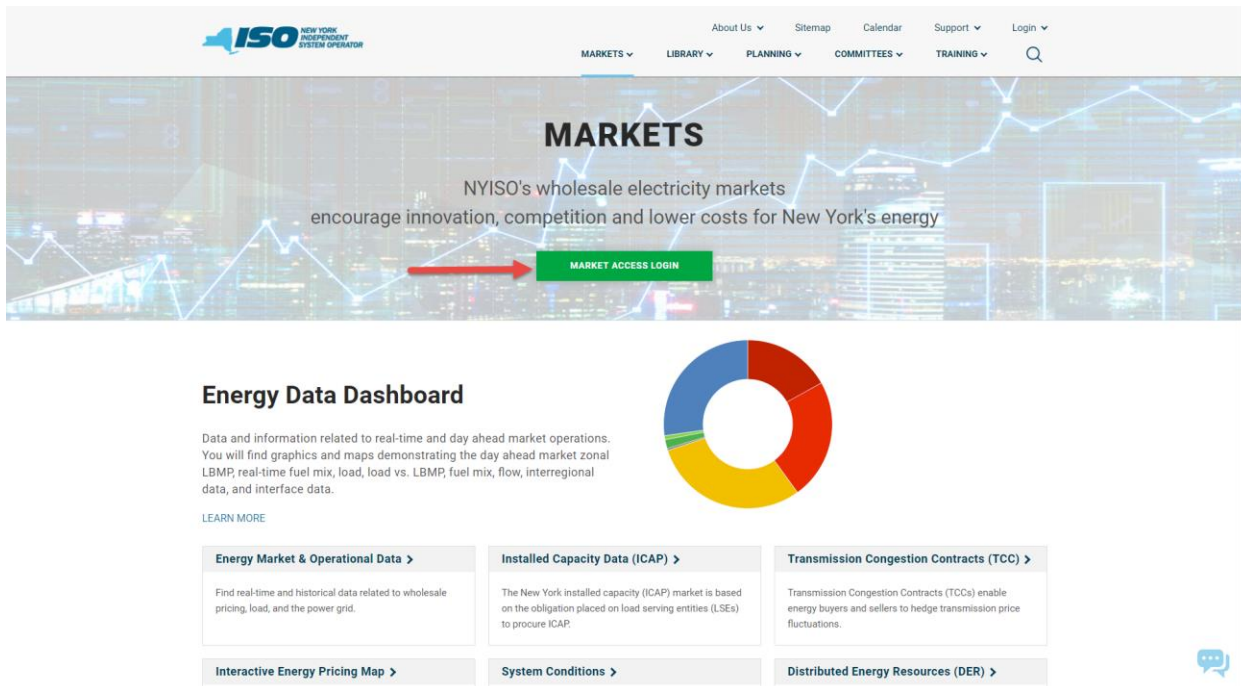
Figure Intro4: CMS Login Page



1.4.2. Accessing the System via Market Access Login

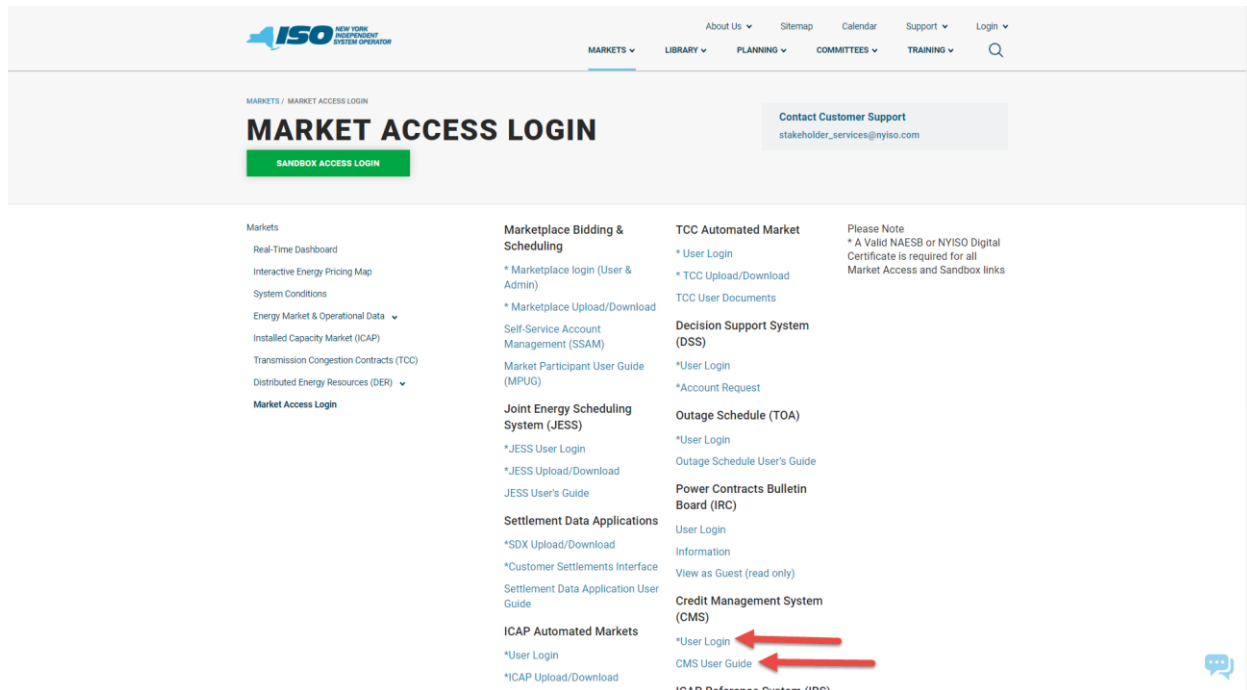
1. Point your browser to the NYISO Home page at www.nyiso.com.
2. On the NYISO Home page, click on the **Markets** header.
The NYISO Markets page is displayed.
3. Under the Markets heading, click the **Market Access Login** link.
The page displaying login links to various NYISO systems opens.

Figure Intro5: Market Access Login Link



4. Under the Credit Management System (CMS) heading, click * **User Login**.
The Credit Login page will be displayed.

Figure Intro6: NYISO Markets & Operations Links



5. In the corresponding fields, type your **Username** and **Password** .

Note: The password is case sensitive.

6. Activate the **Login** button.

The CMS opens to display the Credit Summary page, and you may begin to use the system per your assigned privileges.

1.5. Working with the System Interface

The term *system interface* refers to the composite mechanisms displayed on screen that provide for interaction with a system. Each page within CMS contains the following standard format:

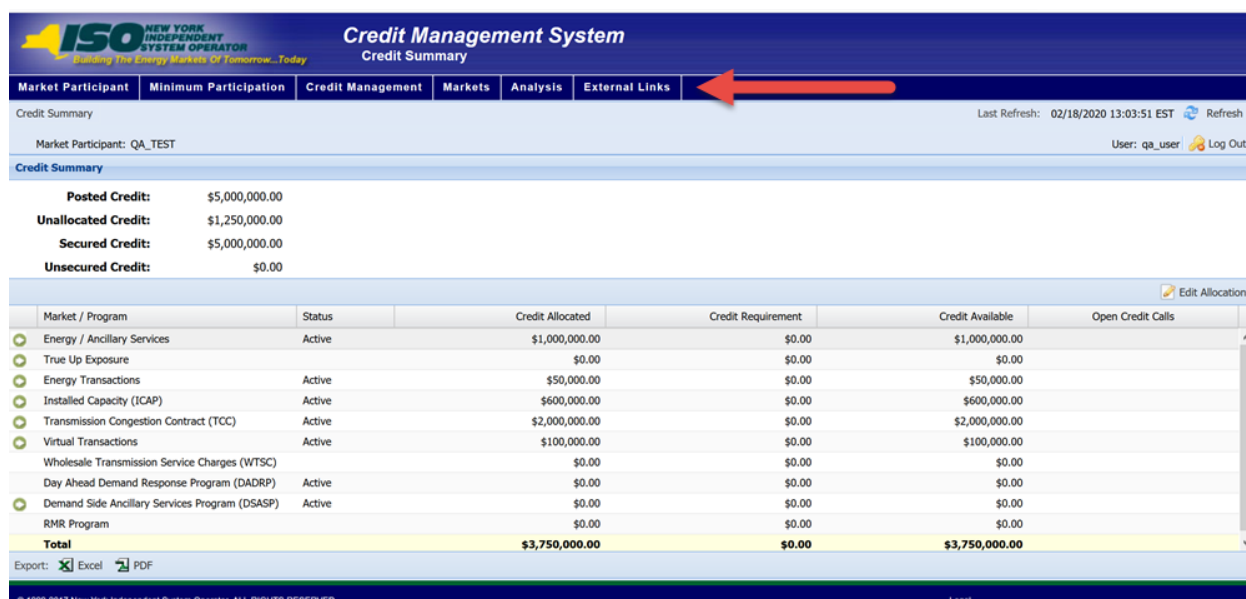
- Menu bar
- Page title
- Breadcrumb trail and refresh status
- Market Participant Summary
- Filters
- Paging summary
- Data display
- Sorting
- Export options
- Pre-requisites

Note: The appearance of the system interface may vary slightly across browser types. Likewise, interface component placement may vary depending on sizing of the browser window.

1.5.1. Menu Bar

The menu bar allows the user to initiate the various tasks made possible by the system. The menu options are accessed by clicking a heading in the static bar that is always displayed across the top of the interface.

Figure Intro7: CMS Menu Bar



The menu bar is always visible, and the titles of the menu options match the titles displayed on the pages to which the options link in the system.

There are six menu bar options provided in CMS, as follows:

- The *Market Participant* menu provides a link to the system page specific to the MP's details.

Figure Intro8: Market Participant Menu Options



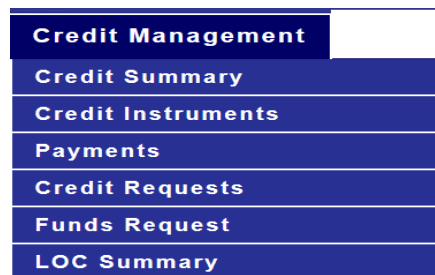
- The *Minimum Participation* menu provides links to the system page specific to the MP's Minimum Participation Certification and Capitalization data, as well as any open Minimum Participation requests

Figure Intro9: Minimum Participation Menu Options



- The *Credit Management* menu provides links to all available system pages that are not Market/Program specific.

Figure Intro10: Credit Management Menu Options



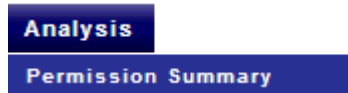
- The *Markets* menu provides links to all available system pages that are Market/Program specific

Figure Intro11: Markets Menu Options



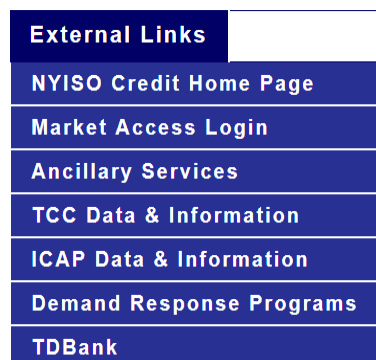
- The *Analysis* menu provides links to the system page specific to the Permission Summary.

Figure Intro12: Analysis Menu Options



- The *External Links* menu provides links to resources external but deemed relevant to the CMS. All links on this menu open the corresponding pages in a new window (or tab) so that the user does not lose the page being viewed in CMS.

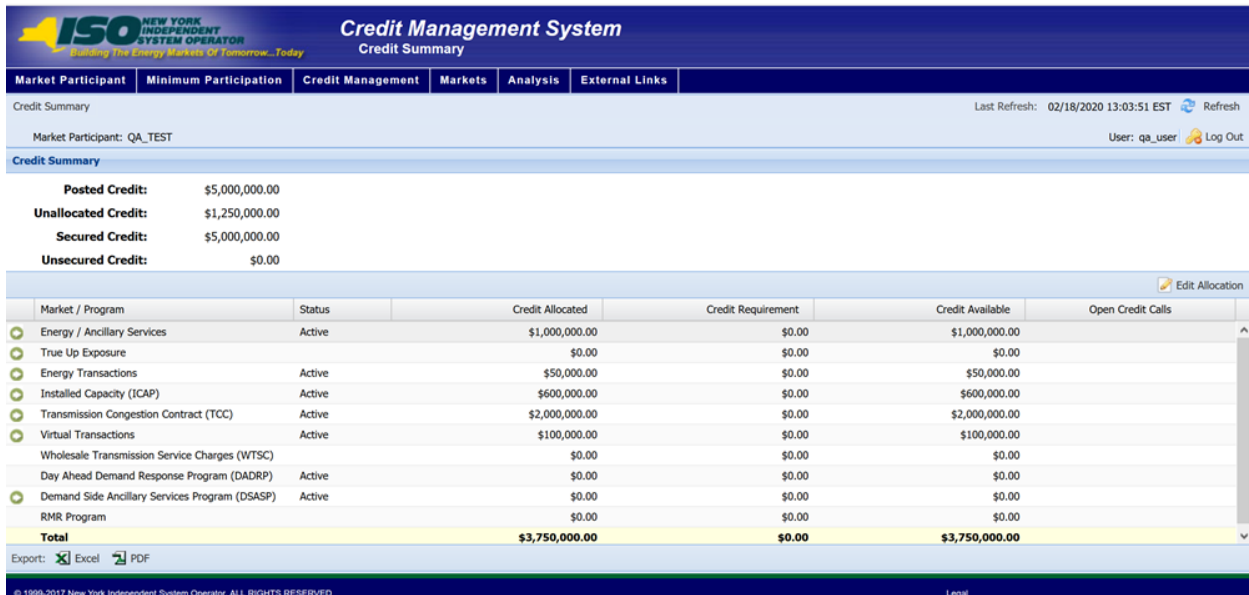
Figure Intro13: External Links Menu Options



1.5.2. Page Title

The page title will always appear directly below the menu bar. If the page was selected from a menu option, the title of the page will match the title of the menu option. If the export option is selected for the page, the page title will also appear in the exported output.

Figure Intro14: Page Title



Credit Management System
Credit Summary

Market Participant: QA_TEST Last Refresh: 02/18/2020 13:03:51 EST Refresh User: qa_user Log Out

Credit Summary

Posted Credit:	\$5,000,000.00
Unallocated Credit:	\$1,250,000.00
Secured Credit:	\$5,000,000.00
Unsecured Credit:	\$0.00

Market / Program	Status	Credit Allocated	Credit Requirement	Credit Available	Open Credit Calls
Energy / Ancillary Services	Active	\$1,000,000.00	\$0.00	\$1,000,000.00	
True Up Exposure		\$0.00	\$0.00	\$0.00	
Energy Transactions	Active	\$50,000.00	\$0.00	\$50,000.00	
Installed Capacity (ICAP)	Active	\$600,000.00	\$0.00	\$600,000.00	
Transmission Congestion Contract (TCC)	Active	\$2,000,000.00	\$0.00	\$2,000,000.00	
Virtual Transactions	Active	\$100,000.00	\$0.00	\$100,000.00	
Wholesale Transmission Service Charges (WTSC)		\$0.00	\$0.00	\$0.00	
Day Ahead Demand Response Program (DADRP)	Active	\$0.00	\$0.00	\$0.00	
Demand Side Ancillary Services Program (DSASP)	Active	\$0.00	\$0.00	\$0.00	
RMR Program		\$0.00	\$0.00	\$0.00	
Total		\$3,750,000.00	\$0.00	\$3,750,000.00	

Export: Excel PDF

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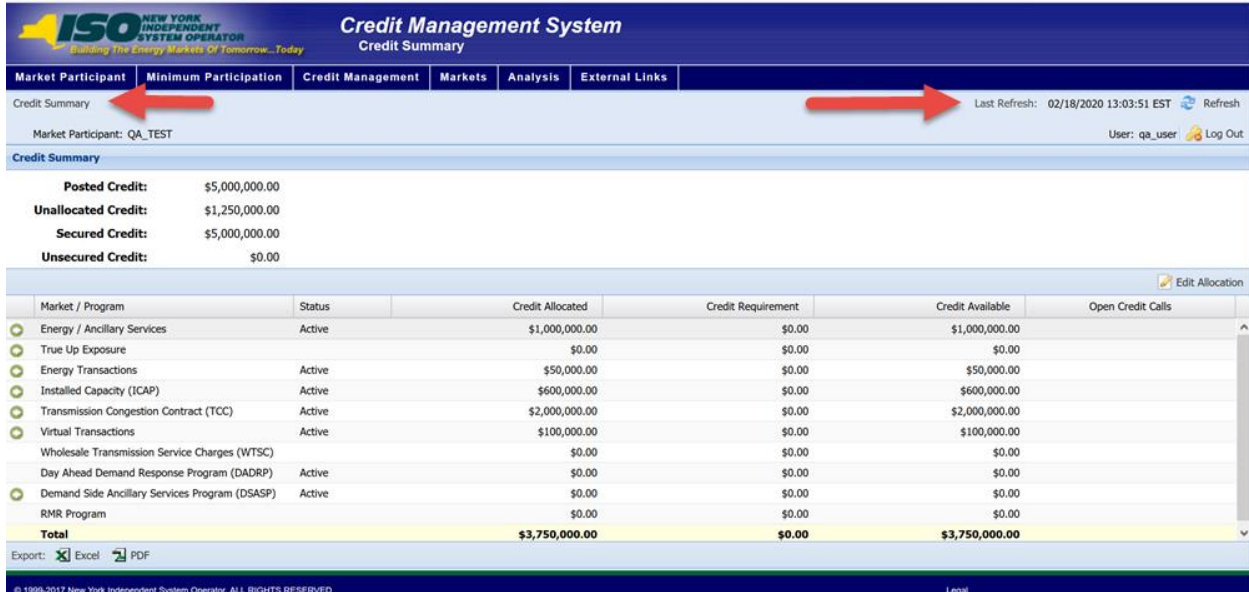
1.5.3. Breadcrumb Trail and Refresh Status

A bar containing the navigation path taken to arrive at the active page in the application (also known as breadcrumb trail) and the date and time the data was extracted from the database is always displayed directly below the page title.

Each page reference displayed in the navigation path is a hyperlink to that page. Upon clicking any such page reference, the user can navigate from the active page to the selected page.

Once it is accessed, data in CMS is cached so that data remains consistent while navigating among the various pages in the system. The user has the ability to refresh the data by activating the **Refresh Data** button. Upon refreshing the data, the system will update the last refresh date and time accordingly.

Figure Intro15: Breadcrumb Trail and Refresh Status



Credit Management System
Credit Summary

Market Participant | Minimum Participation | Credit Management | Markets | Analysis | External Links

Credit Summary | Last Refresh: 02/18/2020 13:03:51 EST | Refresh

Market Participant: QA_TEST | User: qa_user | Log Out

Credit Summary

Posted Credit: \$5,000,000.00
 Unallocated Credit: \$1,250,000.00
 Secured Credit: \$5,000,000.00
 Unsecured Credit: \$0.00

Market / Program	Status	Credit Allocated	Credit Requirement	Credit Available	Open Credit Calls
Energy / Ancillary Services	Active	\$1,000,000.00	\$0.00	\$1,000,000.00	
True Up Exposure		\$0.00	\$0.00	\$0.00	
Energy Transactions	Active	\$50,000.00	\$0.00	\$50,000.00	
Installed Capacity (ICAP)	Active	\$600,000.00	\$0.00	\$600,000.00	
Transmission Congestion Contract (TCC)	Active	\$2,000,000.00	\$0.00	\$2,000,000.00	
Virtual Transactions	Active	\$100,000.00	\$0.00	\$100,000.00	
Wholesale Transmission Service Charges (WTSC)		\$0.00	\$0.00	\$0.00	
Day Ahead Demand Response Program (DADRP)	Active	\$0.00	\$0.00	\$0.00	
Demand Side Ancillary Services Program (DSASP)	Active	\$0.00	\$0.00	\$0.00	
RMR Program		\$0.00	\$0.00	\$0.00	
Total		\$3,750,000.00	\$0.00	\$3,750,000.00	

Export: Excel PDF

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Figure Intro16: Refresh Data Definition

Function	Process	Description
Refresh	Click the Refresh Data button displayed in the breadcrumb/ refresh header bar.	Upon entering the system, a snapshot of the data related to the summary page is captured and used as the user navigates through the application. If at any point, the user wants to retrieve the most recent data, the user must click the Refresh Data button. This action causes the system to retrieve the most recent data related to the MP. <i>Note:</i> The date and time of the last refresh is displayed in the breadcrumb/refresh header bar.

1.5.4. Market Participant Summary

Where applicable, the Market Participant Summary information appears directly below the breadcrumb trail and refresh status bar. This section contains summary level information pertinent to the active page.

Figure Intro17: Market Participant Summary

Credit Management System
TCC Market

Market Participant: QA_TEST

Status: Active
 Allocated Credit: \$2,000,000.00
 Credit Requirement: \$0.00
 Available Credit: \$2,000,000.00

Bid/Offer Requirement	Award Payment Obligation	Auction Obligation (Part A)	Part B Requirement	Balance Of Margin Call Payments	Prepayments	Previous Month Unsettled Activity	Current Month Unsettled Activity
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Export: Excel

TCC Position History

From Date: 11/20/2019 To Date: 02/18/2020 Get History

Copied Date	Status	Allocated Credit	Credit Requirement	Award Payment Obligation	Bid/Offer Requirement	Auction Obligation (Part A)	Part B Requirement	Effective Margin Call Payments	Prepayments
Nothing found to display									

Export: Excel

1.5.5. Filters

Where applicable, filters are provided in the Market Participant Summary window. These filters allow the user to specify the data that should be displayed on the page, by either choosing from a drop-down list or by typing the first letters of the applicable parameter in the field itself.

Figure Intro18: Sample Filter

Energy Market

Workbench Dashboard > Energy > Energy Previous Capability Run Rate

Market Participant: QA_UAT1 Org ID: 1052390

Status: Inactive
 Program Type: STANDARD
 Season: WINTER
 Previous Summer Capability Run Rate: 0
 Previous Winter Capability Run Rate: 0
 Credit Requirement Factor: 16

Month/Year	Market Participant	Net (Purchases)/Sa...	Average Henry Hub...	Henry Hub Futures..	Gas Price Ratio	Price Adjusted Mon..
Nothing found to display						

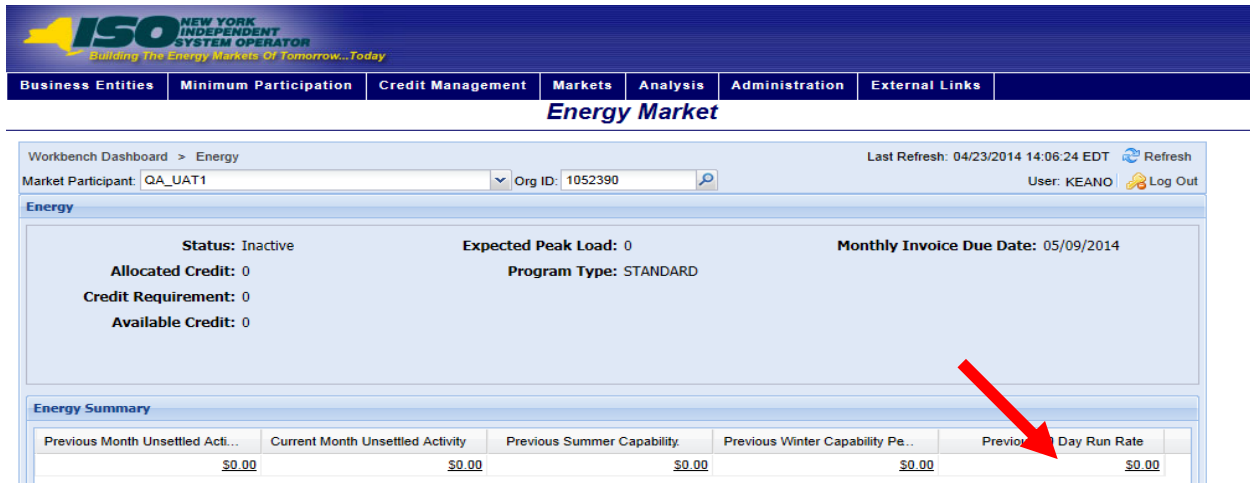
Export: Excel PDF

1.5.6. Data Display

Data is displayed in table format utilizing rows and columns.

Within certain tables, further details on the entry in the row can be accessed by clicking hyperlinks.

Figure Intro19: Link to Additional Data



Workbench Dashboard > Energy Last Refresh: 04/23/2014 14:06:24 EDT Refresh

Market Participant: QA_UAT1 Org ID: 1052390 User: KEANO Log Out

Energy

Status: Inactive Expected Peak Load: 0 Monthly Invoice Due Date: 05/09/2014

Allocated Credit: 0 Program Type: STANDARD

Credit Requirement: 0

Available Credit: 0

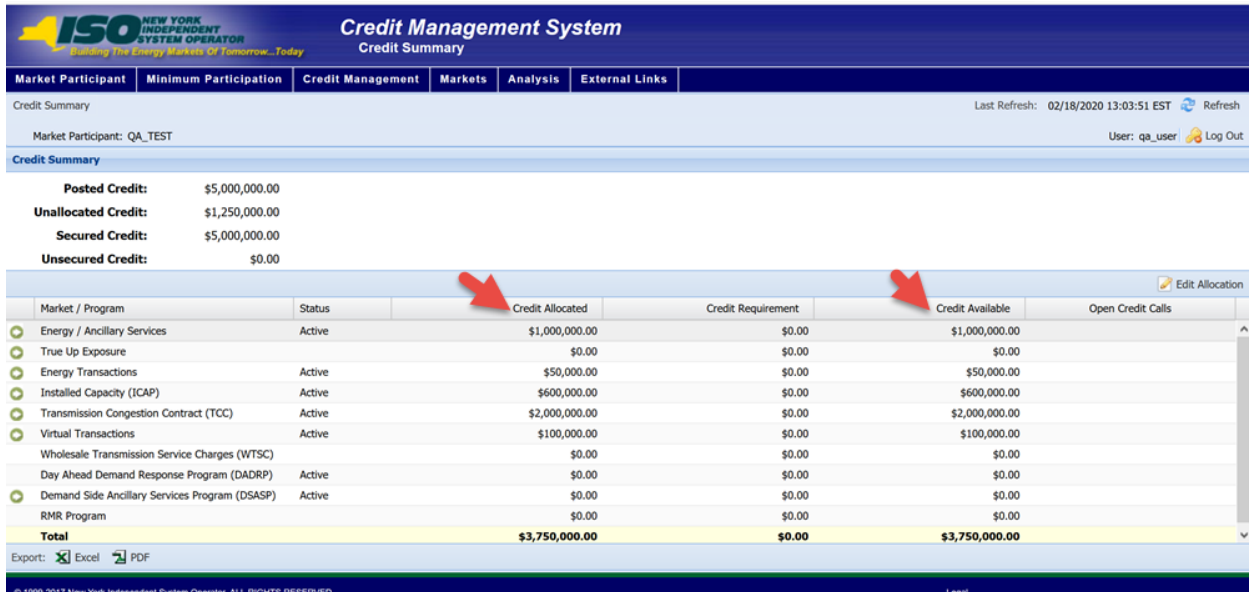
Energy Summary

Previous Month Unsettled Acti...	Current Month Unsettled Activity	Previous Summer Capability	Previous Winter Capability Pe...	Previous Day Run Rate
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

1.5.7. Sorting

Each table on CMS pages is initially displayed in a predefined sort order. Certain pages, however, allow the user to sort table data by column. The columns by which data can be sorted are identified by up/down arrows beside the column headers. Upon clicking an arrow displayed beside a column heading, the data on the page will be sorted by that column, with an up arrow causing the data to be sorted in ascending order and a down arrow causing the data to be sorted in descending order. The header of the column by which data is currently sorted is highlighted as a visual cue to sorting status.

Figure Intro20: Column by which Table Data is Sorted



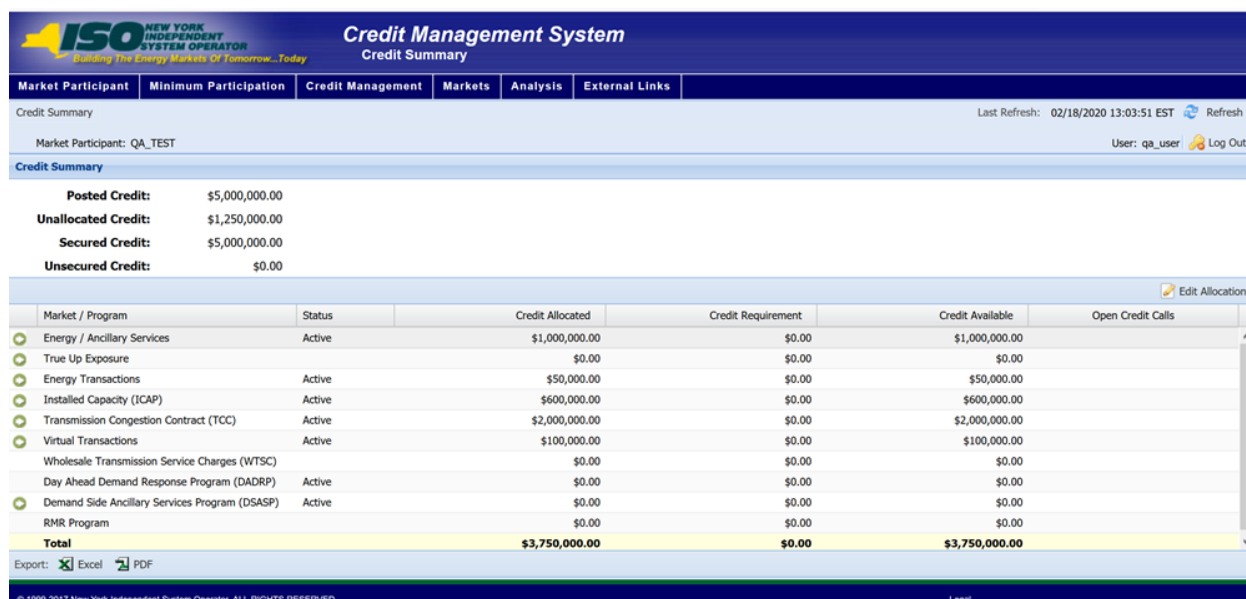
Market / Program	Status	Credit Allocated	Credit Requirement	Credit Available	Open Credit Calls
Energy / Ancillary Services	Active	\$1,000,000.00	\$0.00	\$1,000,000.00	
True Up Exposure		\$0.00	\$0.00	\$0.00	
Energy Transactions	Active	\$50,000.00	\$0.00	\$50,000.00	
Installed Capacity (ICAP)	Active	\$600,000.00	\$0.00	\$600,000.00	
Transmission Congestion Contract (TCC)	Active	\$2,000,000.00	\$0.00	\$2,000,000.00	
Virtual Transactions	Active	\$100,000.00	\$0.00	\$100,000.00	
Wholesale Transmission Service Charges (WTSC)		\$0.00	\$0.00	\$0.00	
Day Ahead Demand Response Program (DADRP)	Active	\$0.00	\$0.00	\$0.00	
Demand Side Ancillary Services Program (DSASP)	Active	\$0.00	\$0.00	\$0.00	
RMR Program		\$0.00	\$0.00	\$0.00	
Total		\$3,750,000.00	\$0.00	\$3,750,000.00	

1.5.8. Export Options

All pages allow the user to export CMS data to XLS, and, in some cases, PDF format via corresponding links. The data included in the exported file is as follows:

- Page title
- Summary information
- All data (including data displayed on subsequent table pages, if any) in the sort order active at the time of export
- Column titles
- Date and time of the last refresh of the data
- Date and time that the export was executed

Figure Intro21: Export Options



Market / Program	Status	Credit Allocated	Credit Requirement	Credit Available	Open Credit Calls
Energy / Ancillary Services	Active	\$1,000,000.00	\$0.00	\$1,000,000.00	
True Up Exposure		\$0.00	\$0.00	\$0.00	
Energy Transactions	Active	\$50,000.00	\$0.00	\$50,000.00	
Installed Capacity (ICAP)	Active	\$600,000.00	\$0.00	\$600,000.00	
Transmission Congestion Contract (TCC)	Active	\$2,000,000.00	\$0.00	\$2,000,000.00	
Virtual Transactions	Active	\$100,000.00	\$0.00	\$100,000.00	
Wholesale Transmission Service Charges (WTSC)		\$0.00	\$0.00	\$0.00	
Day Ahead Demand Response Program (DADRP)	Active	\$0.00	\$0.00	\$0.00	
Demand Side Ancillary Services Program (DSASP)	Active	\$0.00	\$0.00	\$0.00	
RMR Program		\$0.00	\$0.00	\$0.00	
Total		\$3,750,000.00	\$0.00	\$3,750,000.00	

Figure Intro22: Export Options Definition

Function	Process	Description
Export to Excel	Click the <i>Excel</i> link displayed in the Export options bar located on the bottom of the page.	Upon a click of the <i>Excel</i> link, the system exports all data retrieved for the current page (whether it is displayed on one or multiple pages) to an Excel spreadsheet.
Export to PDF	Click the <i>PDF</i> link displayed in the Export options bar located on the bottom of the page.	Upon a click of the <i>PDF</i> link, the system exports all data retrieved for the current page (whether it is displayed on one or multiple pages) to a PDF file. There is no export row limitation for PDF.

1.5.9. Data Access Requirements

Unless otherwise stated in this user guide, in order to access the data via any page in CMS, the user must be assigned one of the following privileges:

- CREDIT - CMS WEB UI MP READ-ONLY USER
- CREDIT - CMS WEB UI MP FULL ACCESS USER

1.6. Exiting the System

To exit the system, click the **Log Out** button. The system logs out the user and returns the focus to the login page.

Figure Intro23: System Log Out button

The screenshot displays the 'Credit Management System' interface. At the top, there is a navigation bar with tabs for 'Market Participant', 'Minimum Participation', 'Credit Management', 'Markets', 'Analysis', and 'External Links'. Below this, the 'Credit Summary' section shows the market participant as 'QA_TEST' and the user as 'qa_user'. A red arrow points to the 'Log Out' button in the top right corner. The main content area includes a summary of credit metrics and a detailed table of credit allocations.

Credit Summary

Posted Credit: \$5,000,000.00
 Unallocated Credit: \$1,250,000.00
 Secured Credit: \$5,000,000.00
 Unsecured Credit: \$0.00

Market / Program	Status	Credit Allocated	Credit Requirement	Credit Available	Open Credit Calls
Energy / Ancillary Services	Active	\$1,000,000.00	\$0.00	\$1,000,000.00	
True Up Exposure		\$0.00	\$0.00	\$0.00	
Energy Transactions	Active	\$50,000.00	\$0.00	\$50,000.00	
Installed Capacity (ICAP)	Active	\$600,000.00	\$0.00	\$600,000.00	
Transmission Congestion Contract (TCC)	Active	\$2,000,000.00	\$0.00	\$2,000,000.00	
Virtual Transactions	Active	\$100,000.00	\$0.00	\$100,000.00	
Wholesale Transmission Service Charges (WTSC)		\$0.00	\$0.00	\$0.00	
Day Ahead Demand Response Program (DADRP)	Active	\$0.00	\$0.00	\$0.00	
Demand Side Ancillary Services Program (DSASP)	Active	\$0.00	\$0.00	\$0.00	
RMR Program		\$0.00	\$0.00	\$0.00	
Total		\$3,750,000.00	\$0.00	\$3,750,000.00	

Export: [Excel](#) [PDF](#)

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2. MARKET PARTICIPANT

Market Participant's functions are accessed via the *Market Participant* menu. These functions consist of the following:

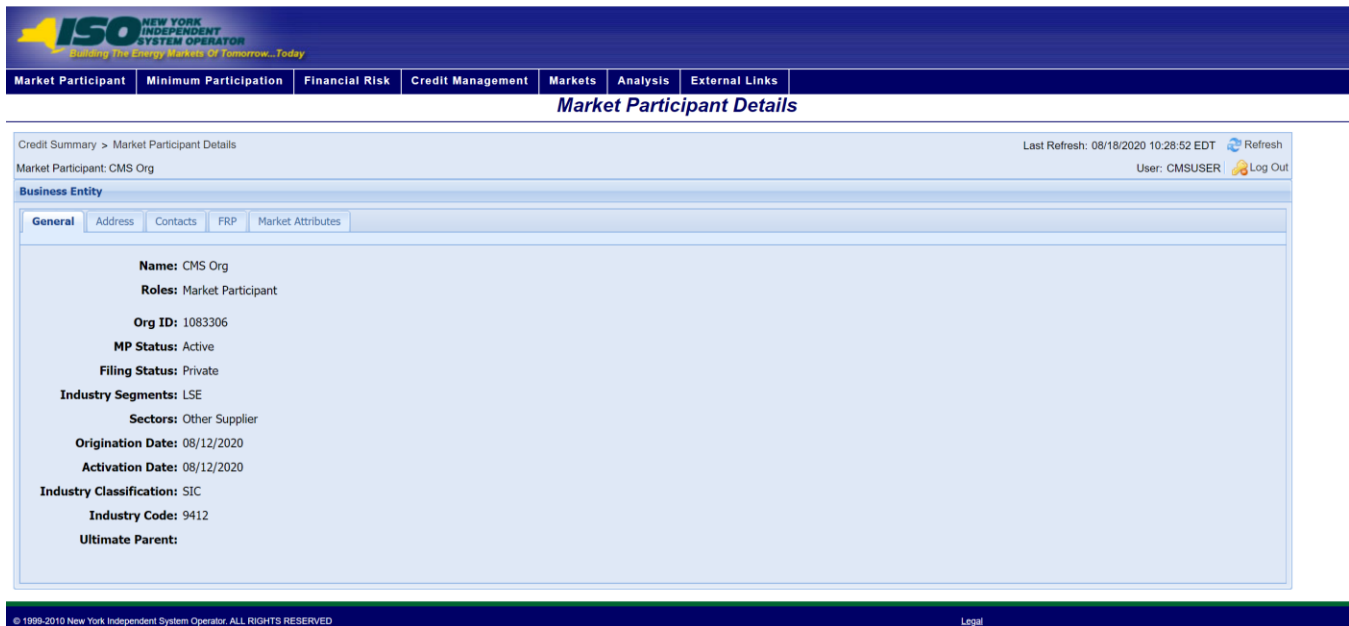
- Market Participant Details
- Annual Required Documents

2.1. Market Participant Details

Market Participant Details page provides access to the following screens:

- General
- Address
- Contacts
- FRP
- Market Attributes

Figure MP1: Market Participant Details Page



The screenshot shows the 'Market Participant Details' page. At the top, there is a navigation bar with the following tabs: Market Participant, Minimum Participation, Financial Risk, Credit Management, Markets, Analysis, and External Links. The 'Market Participant' tab is active. Below the navigation bar, the page title is 'Market Participant Details'. The main content area is titled 'Business Entity' and contains the following information:

- Name:** CMS Org
- Roles:** Market Participant
- Org ID:** 1083306
- MP Status:** Active
- Filing Status:** Private
- Industry Segments:** LSE
- Sectors:** Other Supplier
- Origination Date:** 08/12/2020
- Activation Date:** 08/12/2020
- Industry Classification:** SIC
- Industry Code:** 9412
- Ultimate Parent:**

At the bottom of the page, there is a footer with the text: '© 1999-2010 New York Independent System Operator. ALL RIGHTS RESERVED. Legal'.



To view the Market Participant Details page

From the **Business Entity** menu, choose the **Business Entity Detail**

Figure MP2: Market Participant Menu Option



2.1.1. General Tab

This tab provides general information specific to the MP the user represents

Figure MP3: General Tab Page

Market Participant Details

Credit Summary > Market Participant Details Last Refresh: 08/18/2020 10:28:52 EDT Refresh

Market Participant: CMS Org User: CMSUSER Log Out

Business Entity

General | Address | Contacts | FRP | Market Attributes

Name: CMS Org
Roles: Market Participant
Org ID: 1083306
MP Status: Active
Filing Status: Private
Industry Segments: LSE
Sectors: Other Supplier
Origination Date: 08/12/2020
Activation Date: 08/12/2020
Industry Classification: SIC
Industry Code: 9412
Ultimate Parent:

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Figure MP4: General Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Name	The name of the MP the user represents	N	N	Defaults to MP represented by the user
Roles	"Market Participant"	N	N	
Org ID	The org ID of the MP the user represents	N	N	Defaults to the MP's Org ID represented by the user
MP Status	The status of the MP the user represents	N	N	Active Inactive
Filing Status	The filing status of the MP the user represents	N	N	Public Private
Industry Segments	The industry segment of the MP the user represents	N	N	Municipality Demand Response Power Marketer SCR Other Generator LSE
Sectors	The sector of the MP the user represents	N	N	Generation Owner End Use Consumer Public Power Other Supplier Transmission Owner
Origination Date	Date mm/dd/yyyy	N	N	
Activation Date	Date mm/dd/yyyy	N	N	
Industry Classification	The industry classification of the MP the user represents	N	N	SIC NAICS
Industry Code	The industry code of the MP the user represents	N	N	
Ultimate Parent	The ultimate parent of the MP the user represents	N	N	

2.1.2. Address Tab

This tab provides address information specific to the MP the user represents

Figure MP5: Address Tab Page



Workbench Dashboard > Business Entity Last Refresh: 04/23/2014 14:27:01 EDT Refresh

Market Participant: QA_UAT1 Org ID: 1052390 User: KEANO Log Out

Business Entity

General **Address** Contacts FRP Market Attributes

Address1	Address2	City	State/Prov	Postal Code	Country
123 Main Street		Albany	NY	12205	United States

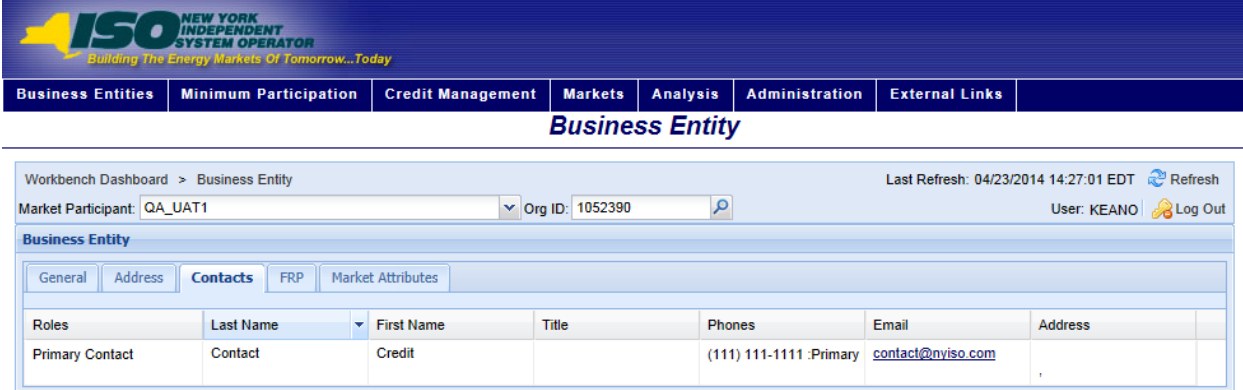
Figure MP6: Address Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Address 1	Address line 1 of the MP the user represents	N	N	
Address 2	Address line 2 of the MP the user represents	N	N	
City	City of the MP the user represents	N	N	
State/Prov	State/Prov of the MP the user represents	N	N	
Postal Code	Postal Code of the MP the user represents	N	N	
Country	Country of the MP the user represents	N	N	

2.1.3. Contacts Tab

This tab provides contact information specific to the MP the user represents

Figure MP7: Contact Tab Page



Workbench Dashboard > Business Entity Last Refresh: 04/23/2014 14:27:01 EDT Refresh

Market Participant: QA_UAT1 Org ID: 1052390 User: KEANO Log Out

Business Entity

General Address **Contacts** FRP Market Attributes

Roles	Last Name	First Name	Title	Phones	Email	Address
Primary Contact	Contact	Credit		(111) 111-1111 :Primary	contact@nyiso.com	

Figure MP8: Contacts Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Roles	Role of contact	N	N	
Last Name	Last name of contact	N	N	
First Name	First name of contact	N	N	
Title	Title of contact	N	N	
Phones	Phone numbers of contact	N	N	
Email	Email of contact	N	N	
Address	Address of contact	N	N	

2.1.4. FRP Tab

This tab provides a list of all child and parent Financially Responsible Parties (FRP) specific to the MP the user represents

Figure MP9: FRP Tab Page

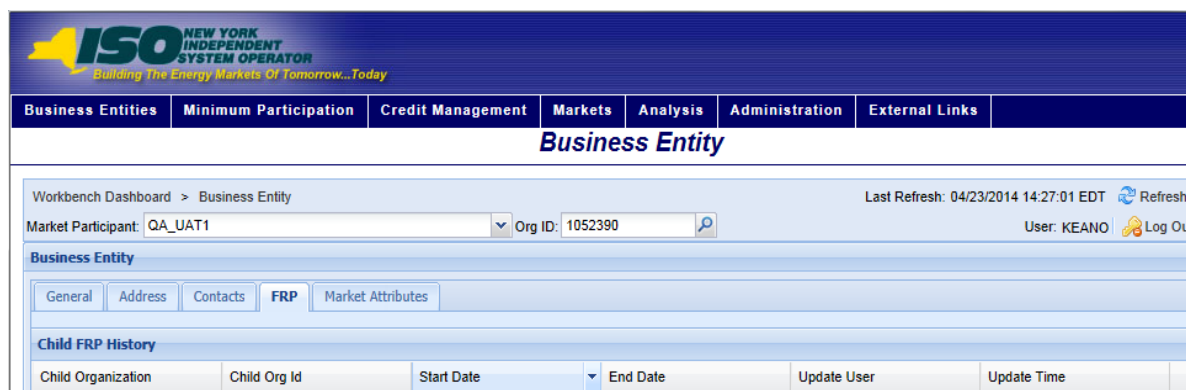


Figure MP10: Child FRP History Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Child Organization	The name of the child organization specific to the MP the user represents	N	N	
Child Org ID	The Org ID of the child organization specific to the MP the user represents	N	N	
Start Date	The date the FRP agreement became effective	N	N	
End Date	The date the FRP agreement expires	N	N	
Update User	The NYISO user who last updated information	N	N	
Update Time	The time information was last updated by NYISO user	N	N	

Figure MP11: Parent FRP History Field Definitions

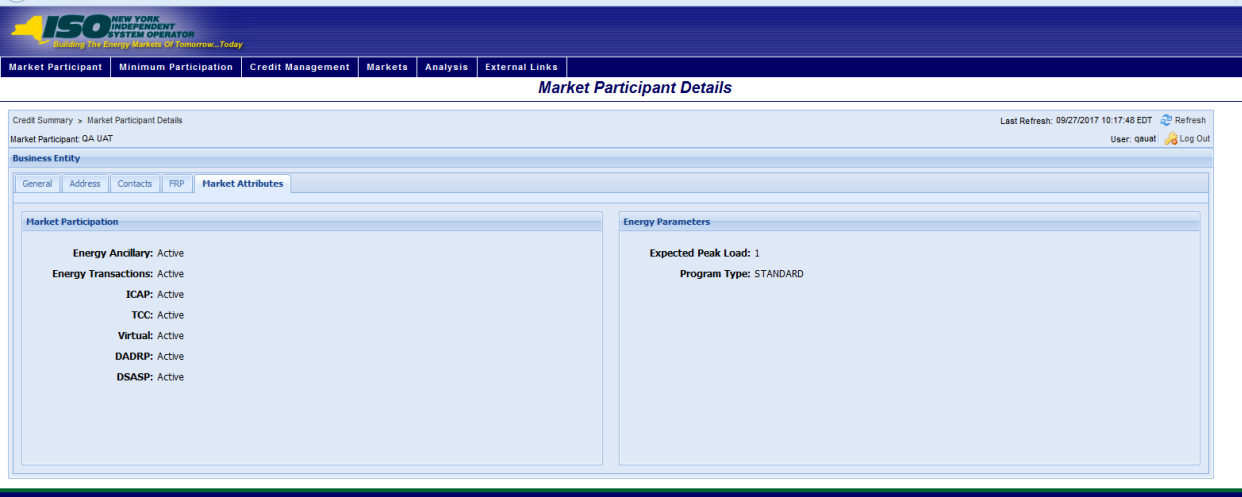
Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Parent Organization	The name of the parent organization specific to the MP the user represents	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Parent Org ID	The Org ID of the parent organization specific to the MP the user represents	N	N	
Start Date	The date the FRP agreement became effective	N	N	
End Date	The date the FRP agreement expires	N	N	
Update User	The NYISO user who last updated information	N	N	
Update Time	The time information was last updated by NYISO user	N	N	

2.1.5. Market Attributes Tab

This tab provides market status and attributes specific to the MP the user represents

Figure MP12: Market Attributes Tab Page



The screenshot displays the 'Market Participant Details' page for 'QA UAT'. The 'Market Attributes' tab is selected, showing two main sections: 'Market Participation' and 'Energy Parameters'. In the 'Market Participation' section, several attributes are listed as 'Active': Energy Ancillary, Energy Transactions, ICAP, TCC, Virtual, DADRP, and DSASP. The 'Energy Parameters' section shows 'Expected Peak Load: 1' and 'Program Type: STANDARD'. The page includes a navigation menu at the top with options like 'Market Participant', 'Minimum Participation', 'Credit Management', 'Markets', 'Analysis', and 'External Links'. A footer at the bottom contains the copyright notice: '© 1999-2010 New York Independent System Operator. ALL RIGHTS RESERVED'.

Figure MP13: Market Participation Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Energy Ancillary	The status in the Energy Ancillary market of the MP the user represents	N	N	Active Inactive Suspended
Energy Transactions	The status in the Energy Transactions market of the MP the user represents	N	N	Active Inactive Suspended
ICAP	The status in the ICAP market of the MP the user represents	N	N	Active Inactive Suspended
TCC	The status in the TCC market of the MP the user represents	N	N	Active Inactive Suspended
Virtual	The status in the Virtual market of the MP the user represents	N	N	Active Inactive Suspended
DADRP	The status in the DADRP market of the MP the user represents	N	N	Active Inactive Suspended
DSASP	The status in the DSASP market of the MP the user represents	N	N	Active Inactive Suspended

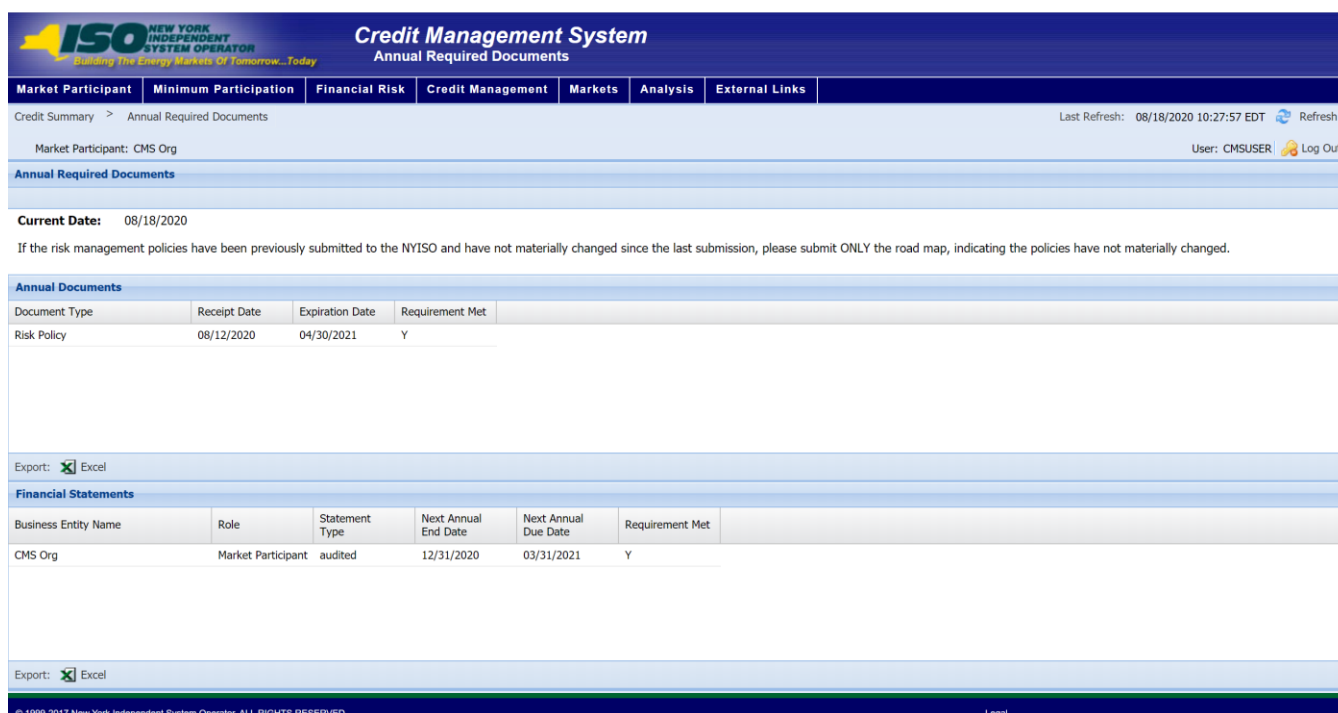
Figure MP14: Energy Parameters Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Expected Peak Load	Maximum number of MW/h the MP intends to trade in the Energy Market	N	N	
Program Type	The program type in the Energy Market	N	N	Standard Prepay

2.2. Annual Required Document

Annual Required Documents page provides access to the annual documents required from each market participant. This page will allow the Market Participant to view the to the annual documents they are required to submit, when each is due, and whether or not the requirement has been met for the current year.

Figure MP15: Annual Required Document screen



Credit Management System
Annual Required Documents

Market Participant | Minimum Participation | Financial Risk | Credit Management | Markets | Analysis | External Links

Credit Summary > Annual Required Documents Last Refresh: 08/18/2020 10:27:57 EDT Refresh

Market Participant: CMS Org User: CMSUSER Log Out

Annual Required Documents

Current Date: 08/18/2020

If the risk management policies have been previously submitted to the NYISO and have not materially changed since the last submission, please submit ONLY the road map, indicating the policies have not materially changed.

Annual Documents			
Document Type	Receipt Date	Expiration Date	Requirement Met
Risk Policy	08/12/2020	04/30/2021	Y

Export: Excel

Financial Statements					
Business Entity Name	Role	Statement Type	Next Annual End Date	Next Annual Due Date	Requirement Met
CMS Org	Market Participant	audited	12/31/2020	03/31/2021	Y

Export: Excel

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Figure MP16: Annual Required Document Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Annual Documents	List of Required Annual Documents	N	N	
Document Type	Type of Document Required	N	N	
Financial Statements		N	N	
Business Entity Name	Entity for whom the Financial Statement data is required	N	N	

3. Minimum Participation

The NYISO ensures that all Market Participants meet certain requirements under Attachment K to the Market Services Tariff in order to be eligible to participate in the NYISO markets. These requirements (Minimum Participation) are enforced as a protection for NYISO and all Market Participants against adverse financial exposure.

Minimum Participation functions are accessed via the 'Minimum Participation' menu. These functions include:

View MP Certification Details

View MP Capitalization Details

View Minimum Participation Requests

3.1. MP Certification

The MP Certification screen provides a current snapshot view of an MP's Certification Position.

Figure Min 1: MP Certification Menu Option



Figure Min 2: MP Certification Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Certificate Receipt Date	The date that the NYISO Credit Department received the certificate	N	N	
Certificate Expiration Date	The date that the supplied certificate expires	N	N	
Questionnaire Receipt Date	The date that the NYISO Credit Department received the questionnaire	N	N	
Questionnaire Expiration Date	The date that the supplied questionnaire expires	N	N	

3.2. MP Capitalization

The MP Capitalization screen provides a current snapshot view of an MP's Capitalization Position.

Figure Min 3: MP Capitalization Menu Option



Figure Min 4: MP Capitalization Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Capitalization Type	The Capitalization Type	N	N	\$200,000 \$500,000 \$1 M TNW \$10 M Assets
Financial Statement Name of Entity	Name of the financial institution for the supplied statement	N	N	If Cap Type=\$1 TNW or \$10M Assets, then the Financial Statement Name of Entity field is displayed.
Total Secured Collateral		N	N	Sum of all Secured Credit Instruments
Available Secured Collateral		N	N	Available Secured Credit is equal to the sum of Secured Credit Instruments minus the sum of allocations for Transmission Congestion Contracts (TCC) + True Up Exposure + Capitalization + RMR Allocation + Financial Risk Allocated Funds
Comments		N	N	

3.3. Minimum Participation Requests

The Minimum Participation Requests page provides a current snapshot view of an MP's outstanding requests. These requests can be Certificate Requests, Capitalization Fund Requests, Financial Statement Requests, Risk Policy Requests, Road Map and/or Deficient Risk Policy Requests

Figure Min 5: Minimum Participation Requests Menu Option



Figure Min 6: Minimum Participation Requests

Market Participant		Minimum Participation	Credit Management	Markets	Analysis	External Links		
Credit Summary > Minimum Participation Requests				Last Refresh: 04/24/2014 14:43:34 EDT		Refresh		
Market Participant: QA_UAT1				User: USER1		Log Out		
Minimum Participation Request								
Action	Request Id	Status	Overdue Status	Request Type	Request Date	Due Date	Requested Amount	Satisfied By
	52	Open	Not Overdue	Certificate	04/24/2014	04/28/2014		
	48	Open	Not Overdue	Risk Policy	04/24/2014	04/28/2014		
	49	Open	Not Overdue	Financial Statements	04/24/2014	04/28/2014		
	50	Open	Not Overdue	Road Map	04/24/2014	04/28/2014		
	51	Open	Not Overdue	Deficient Risk Policy	04/24/2014	04/28/2014		
	45	Open	Not Overdue	Capitalization Funds	04/24/2014	04/28/2014	\$100.00	

Figure Min 7: Minimum Participation Requests Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Request Id	System Generated Unique Identifier	N	N	
Request Status	Request Status	N	N	
Overdue Status	Overdue Status	N	N	
Request Type	Type if the request	N	N	Certificate, Risk Policy, Financial Statements, Road Map, Deficient Risk Policy, Capitalization Funds
Request Date	Date the request was opened	N	N	
Due Date	The date that the request must be resolved	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Requested Amount	The dollar amount requested	N	N	Populated for Capitalization Fund Requests only
Satisfied by		N	N	

Figure Min 8: Minimum Participation Requests Function Definitions

Function	Process	Description
Details	Click the green arrow in the Action column of any displayed Minimum Participation Request.	Upon a click on the green arrow of any displayed Minimum Participation Request, the system transfers the user to the Request Details page.

4. Financial Risk

Financial Risk functions are accessed via the Financial Risk menu. These functions consist of the following:

- Viewing Financial Risk Funds

4.1 Viewing Financial Risk Funds

The Financial Risk Funds page provides a current snapshot view of the amount of Financial Risk Funds currently posted by an MP. Upon successful login into CMS and navigation to the Financial Risk Funds page, the most recent data for the MP the user represents will be displayed.

Figure FR 1: Financial Risk Funds Page

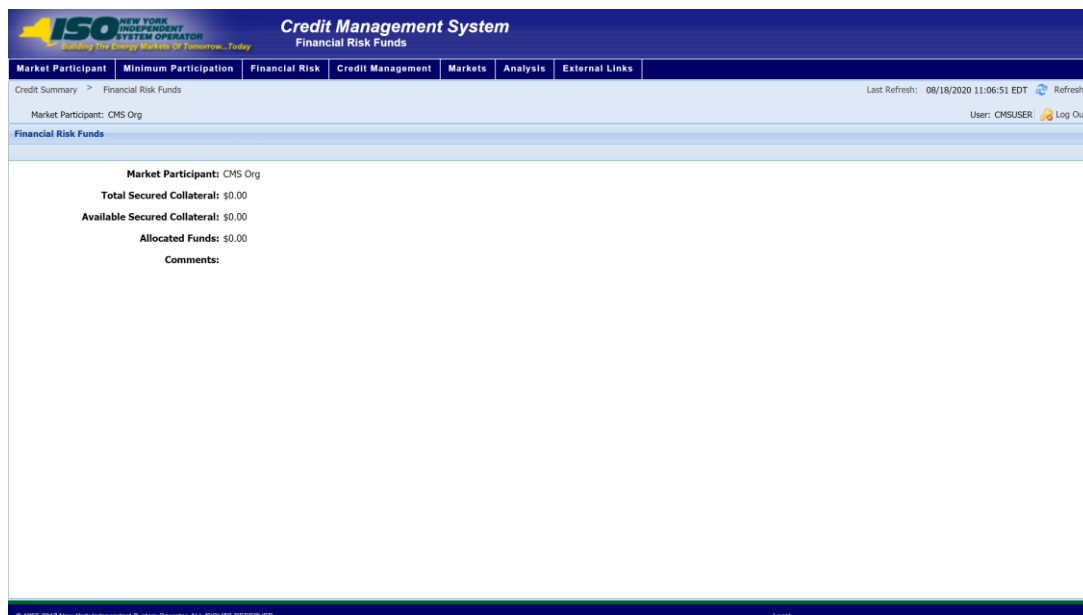


Figure FR 2: Financial Risk Funds Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Total Secured Collateral		N	N	The Sum of all Secured Credit Instruments

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Available Secured Collateral		N	N	The sum of Secured Credit Instruments minus the sum of allocations for Transmission Congestion Contracts (TCC) + True Up Exposure + Capitalization + RMR Allocation + Financial Risk Allocated Funds
Allocated Funds		N	N	
Comments		N	N	

5. Credit Management

Credit management functions are accessed via the *Credit Management* menu. These functions consist of the following:

- Viewing Credit Summary
- Allocating Posted Credit
- Viewing Credit Instrument
- Viewing Payments
- Viewing Credit Requests
- Submitting Funds Requests

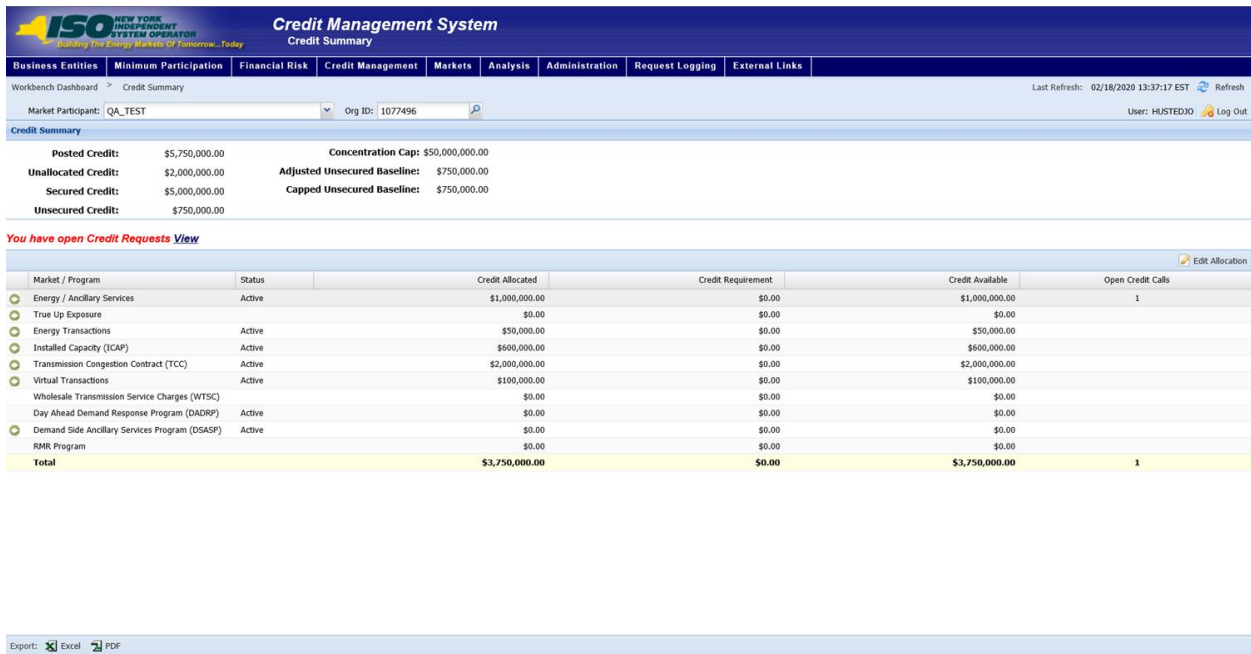
5.1. Viewing Credit Summary

The Credit Summary page provides a current snapshot view of an MP's Credit Position. It is the default "Home" page in CMS. Upon successful login into CMS, the Credit Summary page will be displayed with the most recent data for the MP the user represents.

The page contains hyperlinks that allow the user to view details of the MP's Credit requirement and to view open Credit Requests.

If the user has the appropriate privileges, this page allows maintenance of posted Credit allocation to the MP's Markets and Programs.

Figure CM1: Credit Summary Page



Credit Management System
Credit Summary

Business Entities | Minimum Participation | Financial Risk | **Credit Management** | Markets | Analysis | Administration | Request Logging | External Links

Workbench Dashboard > Credit Summary Last Refresh: 02/18/2020 13:37:17 EST Refresh

Market Participant: QA_TEST Org ID: 1077496 User: HUSTEDJO Log Out

Credit Summary

Posted Credit: \$5,750,000.00	Concentration Cap: \$50,000,000.00
Unallocated Credit: \$2,000,000.00	Adjusted Unsecured Baseline: \$750,000.00
Secured Credit: \$5,000,000.00	Capped Unsecured Baseline: \$750,000.00
Unsecured Credit: \$750,000.00	

You have open Credit Requests [View](#) Edit Allocation

Market / Program	Status	Credit Allocated	Credit Requirement	Credit Available	Open Credit Calls
Energy / Ancillary Services	Active	\$1,000,000.00	\$0.00	\$1,000,000.00	1
True Up Exposure		\$0.00	\$0.00	\$0.00	
Energy Transactions	Active	\$50,000.00	\$0.00	\$50,000.00	
Installed Capacity (ICAP)	Active	\$600,000.00	\$0.00	\$600,000.00	
Transmission Congestion Contract (TCC)	Active	\$2,000,000.00	\$0.00	\$2,000,000.00	
Virtual Transactions	Active	\$100,000.00	\$0.00	\$100,000.00	
Wholesale Transmission Service Charges (WTSC)		\$0.00	\$0.00	\$0.00	
Day Ahead Demand Response Program (DADRP)	Active	\$0.00	\$0.00	\$0.00	
Demand Side Ancillary Services Program (DSASP)	Active	\$0.00	\$0.00	\$0.00	
RMR Program		\$0.00	\$0.00	\$0.00	
Total		\$3,750,000.00	\$0.00	\$3,750,000.00	1

Export: [Excel](#) [PDF](#)

 **To view the Credit Summary page**

From the **Credit Management** menu, choose the **Credit Summary** option.

Figure CM2: Credit Summary Menu Option



Figure CM3: Credit Summary Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Posted Credit	The total amount of Credit posted (secured and unsecured) excluding capitalization for the MP.	N	N	The sum of Secured Credit and Unsecured Credit minus capitalization allocation will equal Posted Credit.
Unallocated Credit	The total amount of Credit posted (secured and unsecured) for the MP that has not been allocated to a Market, Program, or Capitalization.	N	N	Posted Credit minus total Credit allocated.
Secured Credit	The total amount of Credit posted that is secured and not allocated to Capitalization.	N	N	Cash Letter of Credit Surety Bond Net Receivable The sum of Secured Credit and Unsecured Credit will equal Posted Credit.
Unsecured Credit	The total amount of Credit posted that is unsecured.	N	N	Unsecured Credit Guaranteed Credit This amount will always be less than or equal to the Approved Unsecured Baseline amount.
Concentration Cap	The NYISO approved Concentration Cap amount for the MP.	N	N	Displayed only if the MP has unsecured Credit.
Adjusted Unsecured Baseline	The amount of unsecured Credit the MP is eligible for after applying adjustment factors.	N	N	Displayed only if the MP has unsecured Credit.

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Capped Unsecured Baseline	The amount of the Capped Unsecured Baseline the NYISO Credit Department approves for use by the MP.	N	N	Displayed only if the MP has unsecured Credit.
Market / Program	The list of all Markets and Programs for which the NYISO Credit Department requires Credit.	N	N	
Status	The status of the MP in each Market or Program.	N	N	Active Inactive Suspended
Credit Allocated	The amount of Posted Credit allocated to the Market or Program.	N	N	
Credit Requirement	The calculated Credit Requirement for the MP for the Market or Program.	N	Y	Calculation varies by Market / Program. Hyperlink transfers user to Credit Requirement Summary page for the Market or Program displayed in the same row.
Credit Available	The amount that the Credit Allocated exceeds the Credit Requirement.	N	N	Credit Allocated minus Credit Requirement.

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Open Credit Requests	The number of Credit Requests that are open	N	Y	<p>Credit Requests</p> <ul style="list-style-type: none"> DADRP Collateral Request DSASP Collateral Request Energy Collateral Request ICAP Collateral Request TCC Collateral Request TSC Collateral Request Virtual Collateral Request True-up Exposure Collateral Request <p>Payment Calls</p> <ul style="list-style-type: none"> Energy Prepayment VM Margin Call Energy Transactions Margin Call TCC Market Margin Call DSASP Market Margin Call <p>The View hyperlink (displayed in the breadcrumb trail, if Credit Requests exist) transfers user to Credit Requests page.</p>
Total Credit Allocated	The sum total of Credit Allocated for all Markets and Programs.	N	N	Total of all Credit Allocated displayed in column.
Total Credit Requirement	The sum total of Credit Requirements for all Markets and Programs.	N	N	Total of all Credit Requirements displayed in column.
Total Credit Available	The sum total of Credit Available for all Markets and Programs based on amounts allocated.	N	N	Total of all Credit Available displayed in column.

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Total Open Credit Requests	The sum total of active Credit Requests for all Markets and Programs.	N	Y	Total of all Credit Requests displayed in column.

Figure CM4: Credit Summary Function Definitions

Function	Process	Description
Edit Allocation	Click the <i>Edit Allocation</i> button located above the data grid.	This button is available only for users who have full access privileges. Upon a click of this button, the Credit Allocated column is made available for entering or changing the allocated credit amount for each Market and Program, and the current <i>Unallocated Credit Amount</i> is displayed and updated as allocation changes occur. Appropriate editing rules are applied upon saving any changes. See section 5.1.1, "Allocating Posted Credit," beginning on page 41, for more details.
Hyperlink to Market	Click the <i>View Market Details</i> hyperlink. .	Upon a click of the <i>View Market Details</i> hyperlink for a specific Market or Program, the system transfers the user to the Credit Requirement Summary page for that Market or Program for the MP.
Hyperlink to Open Credit Requests	Click the <i>View</i> hyperlink displayed if open Credit Requests exist.	Upon a click of the Credit Request hyperlinks, the system transfers the user to the Credit Request page.

5.1.1. Allocating Posted Credit

Users with the "full access" (i.e., CREDIT - CMS WEB UI MP FULL ACCESS USER) privilege to the CMS have the ability, at any time, to allocate or reallocate Posted Credit to the Markets and Programs of the MP that the user represents. Upon saving the allocation changes, the system performs edits to ensure that the user neither allocated more than the available Posted Credit nor reduced the allocated amount below the existing Credit Requirement for the affected Market or Program.

Pre-Requisites

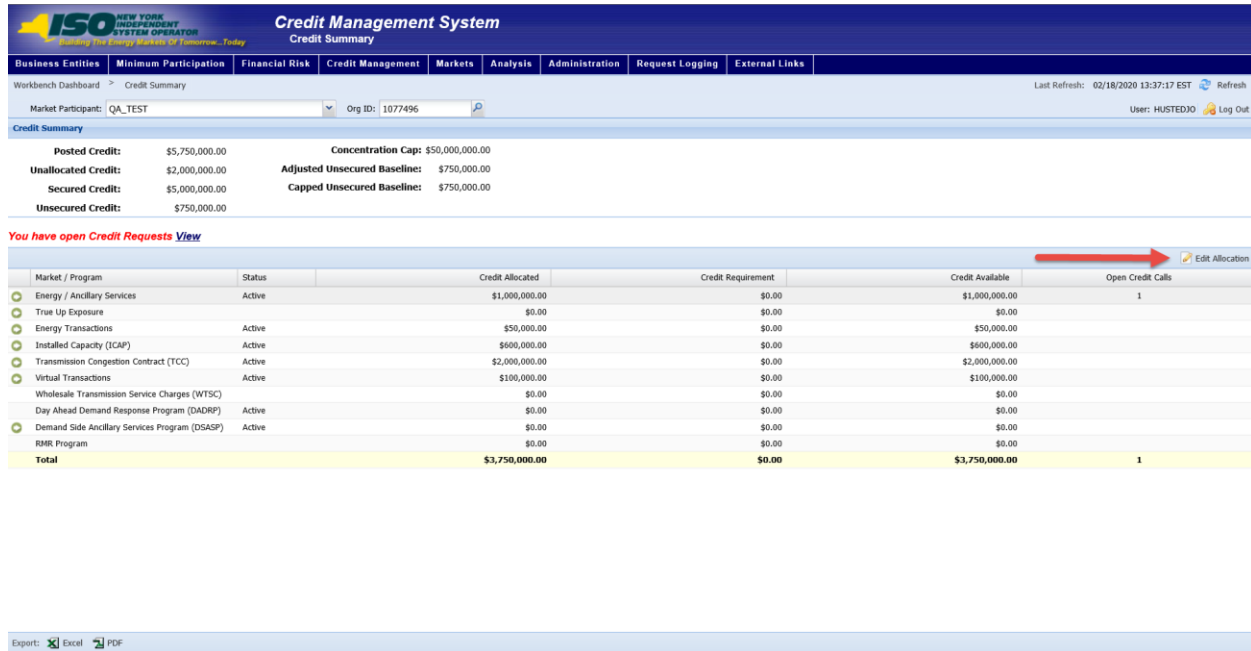
- User must be assigned the CREDIT - CMS WEB UI MP FULL ACCESS USER privilege.
- User has accessed the Credit Summary page as outlined under Section [5.1](#), beginning on page [36](#).

 **To allocate Posted Credit**

1. On the Credit Summary page, click the **Edit Allocation** button.

The system makes the *Credit Allocated* value available for update for the Markets and Programs for the MP.

Figure CM5: Edit Allocation Button



Credit Management System
Credit Summary

Market Participant: QA_TEST Org ID: 1077496

Credit Summary

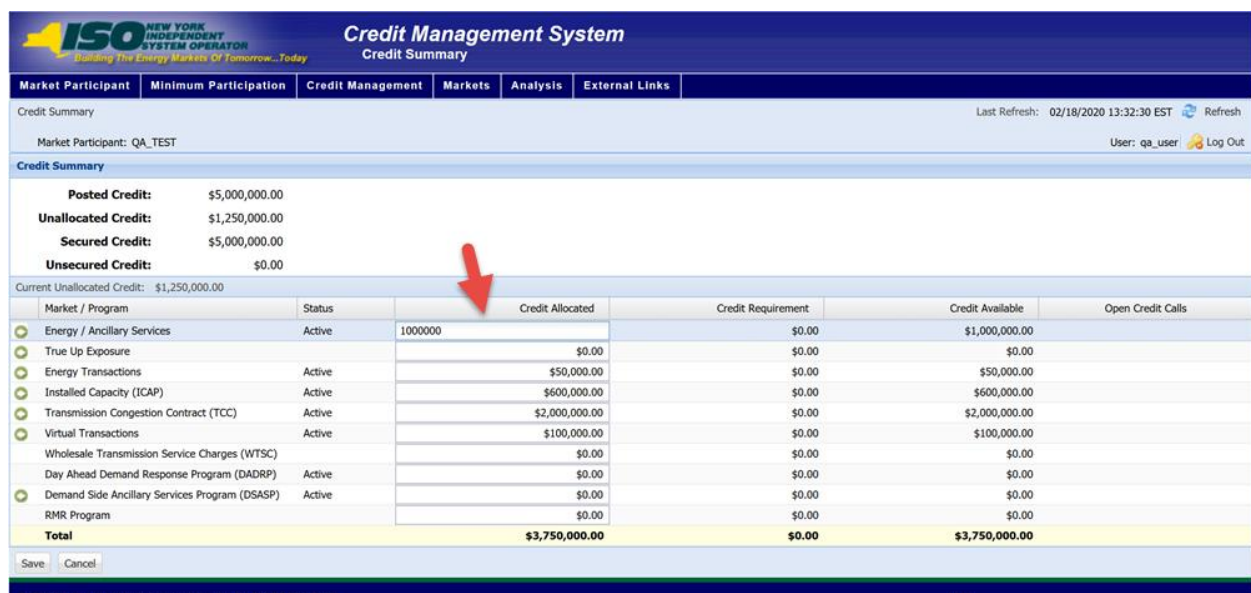
Posted Credit: \$5,750,000.00 Concentration Cap: \$50,000,000.00
 Unallocated Credit: \$2,000,000.00 Adjusted Unsecured Baseline: \$750,000.00
 Secured Credit: \$5,000,000.00 Capped Unsecured Baseline: \$750,000.00
 Unsecured Credit: \$750,000.00

You have open Credit Requests [View](#)

Market / Program	Status	Credit Allocated	Credit Requirement	Credit Available	Open Credit Calls
Energy / Ancillary Services	Active	\$1,000,000.00	\$0.00	\$1,000,000.00	1
True Up Exposure		\$0.00	\$0.00	\$0.00	
Energy Transactions	Active	\$50,000.00	\$0.00	\$50,000.00	
Installed Capacity (ICAP)	Active	\$600,000.00	\$0.00	\$600,000.00	
Transmission Congestion Contract (TCC)	Active	\$2,000,000.00	\$0.00	\$2,000,000.00	
Virtual Transactions	Active	\$100,000.00	\$0.00	\$100,000.00	
Wholesale Transmission Service Charges (WTSC)		\$0.00	\$0.00	\$0.00	
Day Ahead Demand Response Program (DADRP)	Active	\$0.00	\$0.00	\$0.00	
Demand Side Ancillary Services Program (DSASP)	Active	\$0.00	\$0.00	\$0.00	
RMR Program		\$0.00	\$0.00	\$0.00	
Total		\$3,750,000.00	\$0.00	\$3,750,000.00	1

Exports: [Excel](#) [PDF](#)

Figure CM6: Fields for Reallocating Credit



Credit Management System
Credit Summary

Market Participant: QA_TEST

Credit Summary

Posted Credit: \$5,000,000.00
 Unallocated Credit: \$1,250,000.00
 Secured Credit: \$5,000,000.00
 Unsecured Credit: \$0.00

Current Unallocated Credit: \$1,250,000.00

Market / Program	Status	Credit Allocated	Credit Requirement	Credit Available	Open Credit Calls
Energy / Ancillary Services	Active	1000000	\$0.00	\$1,000,000.00	
True Up Exposure		\$0.00	\$0.00	\$0.00	
Energy Transactions	Active	\$50,000.00	\$0.00	\$50,000.00	
Installed Capacity (ICAP)	Active	\$600,000.00	\$0.00	\$600,000.00	
Transmission Congestion Contract (TCC)	Active	\$2,000,000.00	\$0.00	\$2,000,000.00	
Virtual Transactions	Active	\$100,000.00	\$0.00	\$100,000.00	
Wholesale Transmission Service Charges (WTSC)		\$0.00	\$0.00	\$0.00	
Day Ahead Demand Response Program (DADRP)	Active	\$0.00	\$0.00	\$0.00	
Demand Side Ancillary Services Program (DSASP)	Active	\$0.00	\$0.00	\$0.00	
RMR Program		\$0.00	\$0.00	\$0.00	
Total		\$3,750,000.00	\$0.00	\$3,750,000.00	

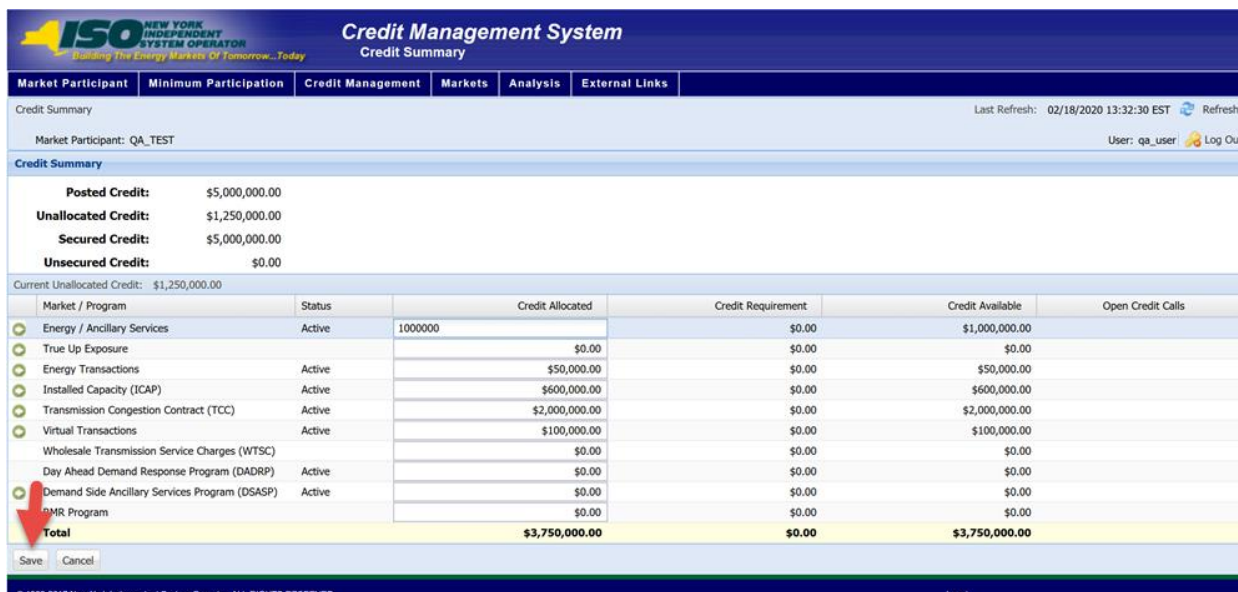
Save Cancel

1. In the applicable **Credit Allocated** field(s), type the appropriate value(s).
2. Click the **Save** button.

The system performs edits and saves the changes.

Note: See rules outlined in Figure CM8.

Figure CM7: Save Button on Edit Allocation Page



Market / Program	Status	Credit Allocated	Credit Requirement	Credit Available	Open Credit Calls
Energy / Ancillary Services	Active	1000000	\$0.00	\$1,000,000.00	
True Up Exposure		\$0.00	\$0.00	\$0.00	
Energy Transactions	Active	\$50,000.00	\$0.00	\$50,000.00	
Installed Capacity (ICAP)	Active	\$600,000.00	\$0.00	\$600,000.00	
Transmission Congestion Contract (TCC)	Active	\$2,000,000.00	\$0.00	\$2,000,000.00	
Virtual Transactions	Active	\$100,000.00	\$0.00	\$100,000.00	
Wholesale Transmission Service Charges (WTSC)		\$0.00	\$0.00	\$0.00	
Day Ahead Demand Response Program (DADRP)	Active	\$0.00	\$0.00	\$0.00	
Demand Side Ancillary Services Program (DSASP)	Active	\$0.00	\$0.00	\$0.00	
PMR Program		\$0.00	\$0.00	\$0.00	
Total		\$3,750,000.00	\$0.00	\$3,750,000.00	

Figure CM8: Allocate Posted Credit Function Definitions

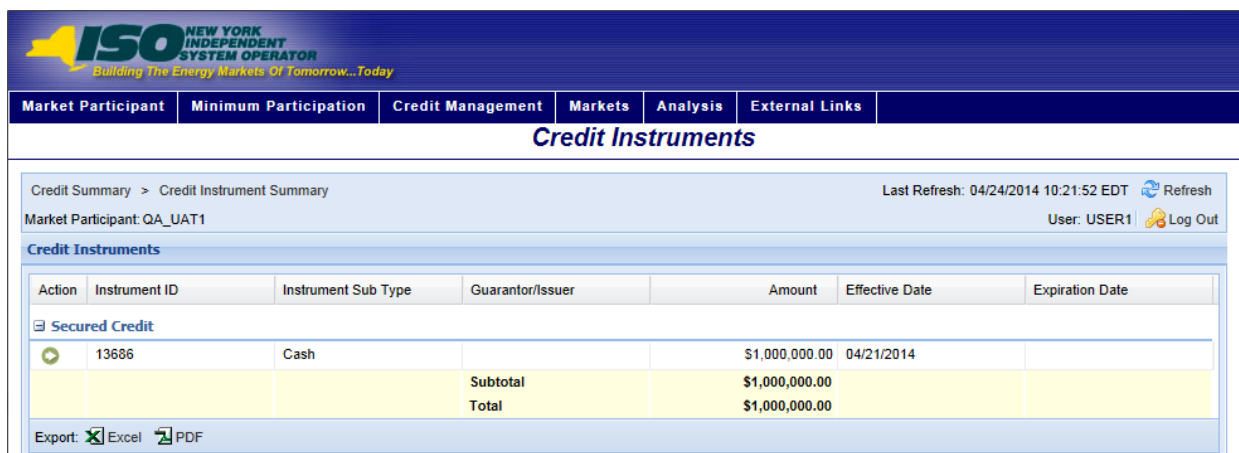
Function	Process	Description
Edit Allocation	Click <i>Edit Allocation</i> button displayed above the data grid.	<p>Displayed only for users assigned the privilege of CREDIT - CMS WEB UI MP FULL ACCESS USER.</p> <p>Rules</p> <ol style="list-style-type: none"> 1. Total Credit Allocated cannot be more than total Posted Credit. 2. Credit Allocation cannot be reduced below the Credit Requirement for the Market or Program being adjusted. 3. Credit Allocation for TCC Market cannot exceed total available Secured Credit. 4. Credit Allocation for True-up Exposure cannot exceed total available Secured Credit
Save	Click the Save button	<p>Saves the allocation changes to the database. <i>Unallocated Credit</i> in the summary section is updated appropriately.</p>

Function	Process	Description
Cancel	Click the <i>Cancel</i> Button.	Cancels any unsaved allocation changes.

5.2. Viewing Credit Instrument

Upon receiving the required documentation from the MP, the NYISO Credit Department records in the CMS all Credit posted by the MP. Upon entry into the CMS, the Posted Credit is available for allocation to the Markets and Programs by the MP’s user representative. The CMS provides a page that allows the user to view the Posted Credit for the MP that the user is representing.

Figure CM9: Credit Instrument Page



Credit Summary > Credit Instrument Summary Last Refresh: 04/24/2014 10:21:52 EDT Refresh

Market Participant: QA_UAT1 User: USER1 Log Out

Credit Instruments

Action	Instrument ID	Instrument Sub Type	Guarantor/Issuer	Amount	Effective Date	Expiration Date
Secured Credit						
+	13686	Cash		\$1,000,000.00	04/21/2014	
			Subtotal	\$1,000,000.00		
			Total	\$1,000,000.00		

Export: Excel PDF

 **To display the Credit Instrument page**

From the **Credit Management** menu, choose the **Credit Instrument** option.

Figure CM10: Credit Instrument Menu Option

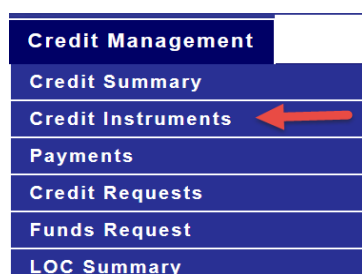


Figure CM11: Credit Instrument Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Action	Displays details about the Credit Instrument	N	Y	
Instrument ID	Credit Instrument ID	N	N	
Instrument Sub Type	The type of Credit Instrument	N	N	Cash Letter of Credit Net Receivable Guaranteed Credit Unsecured Credit Surety Bond
Guarantor/Issuer	Guarantor/Issuer	N	N	
Amount	Amount of Credit Instrument	N	N	
Effective Date	Effective date of Credit Instrument	N	N	
Expiration date	Expiration date of Credit Instrument	N	N	
Subtotal	Total by Credit Instrument Subtype	N	N	
Total	Total of all Credit Instrument displayed	N	N	

Figure CM12: Credit Instrument Function Definitions

Function	Process	Description
Hyperlink to Credit Instrument Details	Click the green arrow in the Action column of any displayed Credit Instrument.	Upon a click on the green arrow of any displayed Credit Instrument, the system transfers the user to the Instrument Details page.

5.2.1. Viewing Credit Instrument Details

The details of the Credit Instruments displayed in the Credit Instrument Summary page can be viewed on the Credit Instruments Details page. This page displays the specifics for each Credit Instrument for the MP.

Figure CM13: Credit Instrument Details Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Org ID	Org ID	N	N	
Instrument ID	Credit Instrument ID	N	N	
Issuer or Guarantor	The name of the party issuing the Credit Instrument	N	N	If applicable to the Credit Instrument Type
Number	Guarantee Document Amendment number	N	N	Applicable only to Guaranteed Credit
Effective Date	Effective date of the Guarantee document	N	N	Applicable only to Guaranteed Credit
Expiration Date	Expiration date of the Credit Instrument	N	N	If applicable to the Credit Instrument Type
Amount	Amount of the Guarantee document	N	N	Applicable only to Guaranteed Credit
Balance	The balance of the Guarantee document after the amendment	N	N	Applicable only to Guaranteed Credit
Comments	Comments pertaining only to the Guarantee document	N	N	Applicable only to Guaranteed Credit
Issuer Instrument Number	Identifier assigned by Issuer to the Credit Instrument	N	N	If applicable to the Credit Instrument Type
Auto Renew	Indication of Credit Instrument renewal	N	N	If applicable to the Credit Instrument Type
Renewal Days	The number of renewal days	N	N	If applicable to the Credit Instrument Type

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Renewal Date:	The date the instrument renews	N	N	If applicable to the Credit Instrument Type
Amendment Number	Number of the latest amendment to the Credit Instrument	N	N	
Amount	Amendment amount	N	N	
Balance	The balance of the Credit Instrument after the amendment	N	N	
Comments		N	N	

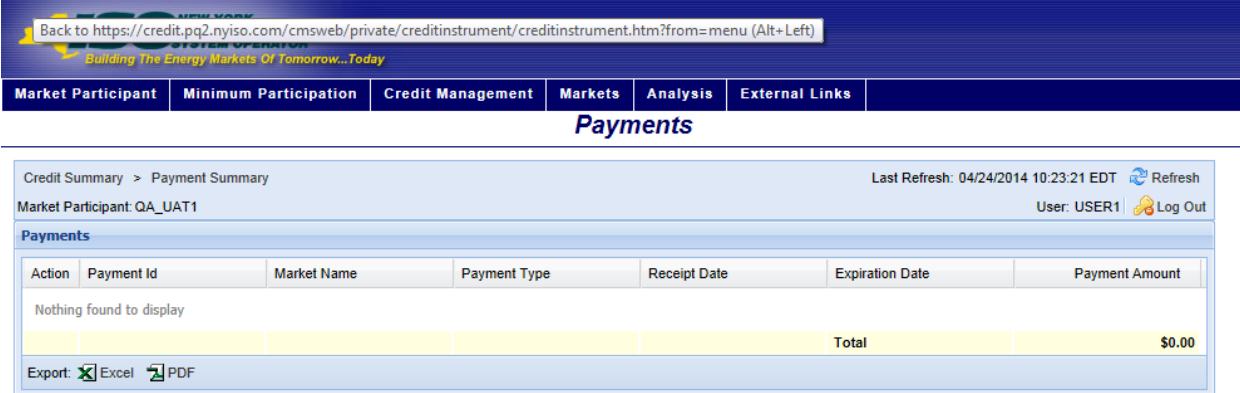
Figure CM14: Linked Credit Request Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Action	Displays the linked Credit Request	N	Y	
Number	ID number of linked Credit Request	N	N	
Market	Market related to the Credit Request	N	N	
Type	Type of linked Credit Request	N	N	
Status	Status of linked Credit Request	N	N	
Amount	Amount of linked Credit Request	N	N	

5.3. Viewing Payments

The details of payments made to and from the NYISO to the MP are displayed in the Payments Page.

Figure CM15: Payments Page



Back to <https://credit.pq2.nyiso.com/cmsweb/private/creditinstrument/creditinstrument.htm?from=menu> (Alt+Left)

Building The Energy Markets Of Tomorrow...Today

Market Participant | Minimum Participation | **Credit Management** | Markets | Analysis | External Links

Payments

Credit Summary > Payment Summary Last Refresh: 04/24/2014 10:23:21 EDT Refresh

Market Participant: QA_UAT1 User: USER1 Log Out

Payments

Action	Payment Id	Market Name	Payment Type	Receipt Date	Expiration Date	Payment Amount
Nothing found to display						
Total						\$0.00

Export: Excel PDF

 **To view Payments**

From the **Credit Management** menu, choose the Payments option.

The system displays the Payments page.

Figure CM16: Payments Option

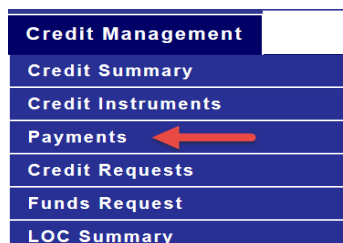


Figure CM17: Payments Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Action	Displays details about the payment	N	Y	
Payment ID	The ID of the payment	N	N	
Market Name	The Market for which the payment was made	N	N	
Payment Type	The Type of the payment	N	N	FIP Payment Prepayment Margin Call Payment
Receipt Date	The date the payment was entered into CMS	N	N	
Expiration Date	The date the payment expires	N	N	
Payment Amount	The amount of the payment	N	N	

Figure CM18: Payment Function Definitions

Function	Process	Description
Hyperlink to Payment Details	Click the green arrow in the Action column of any displayed payment.	Upon a click on the green arrow of any displayed payment, the system transfers the user to the Payment Details page.

Figure CM19: Payment Details Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents	N	N	
Market	The Market for which the payment was made	N	N	
Payment Type	The Type of the payment	N	N	FIP Payment Prepayment Margin Call Payment
Payment ID	The ID of the payment	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Payment Amount	The amount of the payment	N	N	
Receipt Date	The date the payment was entered into CMS	N	N	
Expiration Date	The date the payment expires	N	N	
Last Updated At	The date/time information was last updated by NYISO user	N	N	
Last Updated By	The NYISO user who last updated information	N	N	
Comments	Comments entered by NYISO user	N	N	

Figure CM20: Linked Credit Requests to this payment Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Action	Displays the linked Credit Request	N	Y	
Number	ID number of linked Credit Request	N	N	
Market	Market related to the Credit Request	N	N	
Type	Type of linked Credit Request	N	N	
Status	Status of linked Credit Request	N	N	
Amount	Amount of linked Credit Request	N	N	

5.4. Viewing Credit Requests

The NYISO Credit Department may require additional payments or Credit from an MP based on changes in the MP's Credit Position or on its Market activity. Market Participants are notified of these additional payment and Credit requests via "Credit Requests," which may be generated automatically by CMS or manually by the NYISO Credit Department. In order for an MP to stay in good credit standing at the NYISO,

all Credit Requests must be addressed by the date communicated in the Credit Request. CMS provides a page for the user to view current open Credit Requests for the MP that the user represents.

Figure CM21: Credit Requests Page



 **To view Credit Requests**

From the **Credit Management** menu, choose the Credit Requests option.

The system displays the Credit Requests page.

Figure CM22: Credit Requests Option

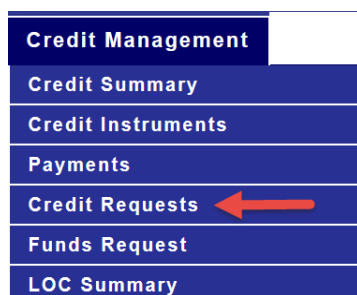


Figure CM23: Credit Requests Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Action	Displays details about the Credit Request	N	Y	
Request ID	The ID of the Credit Request	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Status	The status of the Credit Request	N	N	
Overdue Status	The overdue status of the Credit Request	N	N	
Market Name	Market related to the Credit Request	N	N	
Request Sub Type	The request sub type of the Credit Request	N	N	
Request Date	The date the Credit Request was generated	N	N	
Due Date	The date the Credit Request is due	N	N	
Requested Amount	The amount of the Credit Request	N	N	
Satisfied By	The Credit Instrument used to satisfy the Credit Request	N	N	
Subtotal	Total of Requested amount for each Request Type	N	N	
Total	Total of Requested Amount for all requests displayed	N	N	

Figure CM24: Credit Requests Function Definitions

Function	Process	Description
Hyperlink to Credit Request Details	Click the green arrow in the Action column of any displayed Credit Request	Upon a click on the green arrow of any displayed Credit Request, the system transfers the user to the Credit Request Details page.

Figure CM25: Credit Request Details Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Request Id	The ID of the Credit Request	N	N	
Market Participant	The name of the MP the user represents	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market	Market related to the Credit Request	N	N	
Request SubType	The request sub type of the Credit Request	N	N	
Request Status	The status of the Credit Request	N	N	
Overdue Status	The overdue status of the Credit Request	N	N	
Request Date	The date the Credit Request was made	N	N	
Due Date	The date the Credit Request is due	N	N	
Amount Requested	The amount of the Credit Request	N	N	
Comments	Comments entered by NYISO user	N	N	
Linked Payment Or Credit Instrument Information	Information on how the Credit Request was satisfied	N	N	

Figure CM26: Request Journal Entries Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Date	Date journal entry created	N	N	
Request Status	The status of the Credit Request	N	N	
Overdue Status	The overdue status of the Credit Request	N	N	
Due Date	The date the Credit Request is due	N	N	
Linked Object Type	Type of instrument linked to request	N	N	
Linked Object ID	Linked instrument ID	N	N	
User	The NYISO user who last updated information	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Comments	Comments entered by NYISO user	N	N	

Figure CM27: Linked Workbench Tasks Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Task	Name of the Task	N	N	
Status	Status of the Task	N	N	Completed Unassigned Assigned
User	The NYISO user who last updated Task	N	N	
Created Date	The date the task was created by NYISO user	N	N	
Due Date	The date the task is due	N	N	

5.5. MP Funds Requests

A Market Participant may request a refund or transfer of funds via CMS. When the option is selected, an MP will be asked to fill out an electronic form and submit to the NYISO Credit Department for review and processing. When refunds are requested, automated emails are sent to the MP credit contacts, and the Credit department will review the request to ensure that the funds are available.

NOTE: Only Credit Contacts may submit a Funds Request. If a Funds Request is submitted by a user who is not a Credit Contact, the request will need to be approved via email by a Credit Contact.

Only MPs with FULL ACCESS will be able to submit the refund/transfer requests

To request a Refund

From the **Credit Management** menu, choose the Fund Request option

Figure CM28: Funds Request Option


Credit Management
Credit Summary
Credit Instruments
Payments
Credit Requests
Funds Request 
LOC Summary

Figure CM29: Funds Request Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents	N	N	Defaults to MP represented by the user.
Date	Current Date	N	N	System Populated
Name of Requestor	Name of the MP Credit Contact making the request	Y	N	Required
Request Type	The type of the request: Refund or Transfer	Y	N	Required User can select only 1
Funds Source Type	Source of the funds: Collateral or Prepayment	Y	N	Required User can select only 1
Unallocated Credit	Amount of Unallocated Credit that is available to the MP	N	N	System Populated based MP current credit position
Amount Requested	The amount of funds requested	Y	N	This amount cannot be larger than the unallocated credit field
Comments		Y	N	Optional

Figure CM30: Refund Request Function Definitions

Function	Process	Description
Submit	Select 'submit' to submit the request to the NYISO Credit Department	Upon clicking 'submit' a confirmation email will be sent to all Credit Contacts listed for the requesting Business Entity, and the 'Submit' button will be disabled to ensure the MP does not create multiple requests

Function	Process	Description
		The system will provide a message to the user that the submission was successful

6. Markets

Markets functions are accessed via the *Markets* menu. Each option on the Markets menu provides for viewing the Credit requirements specific to the market selected. These functions consist of the following:

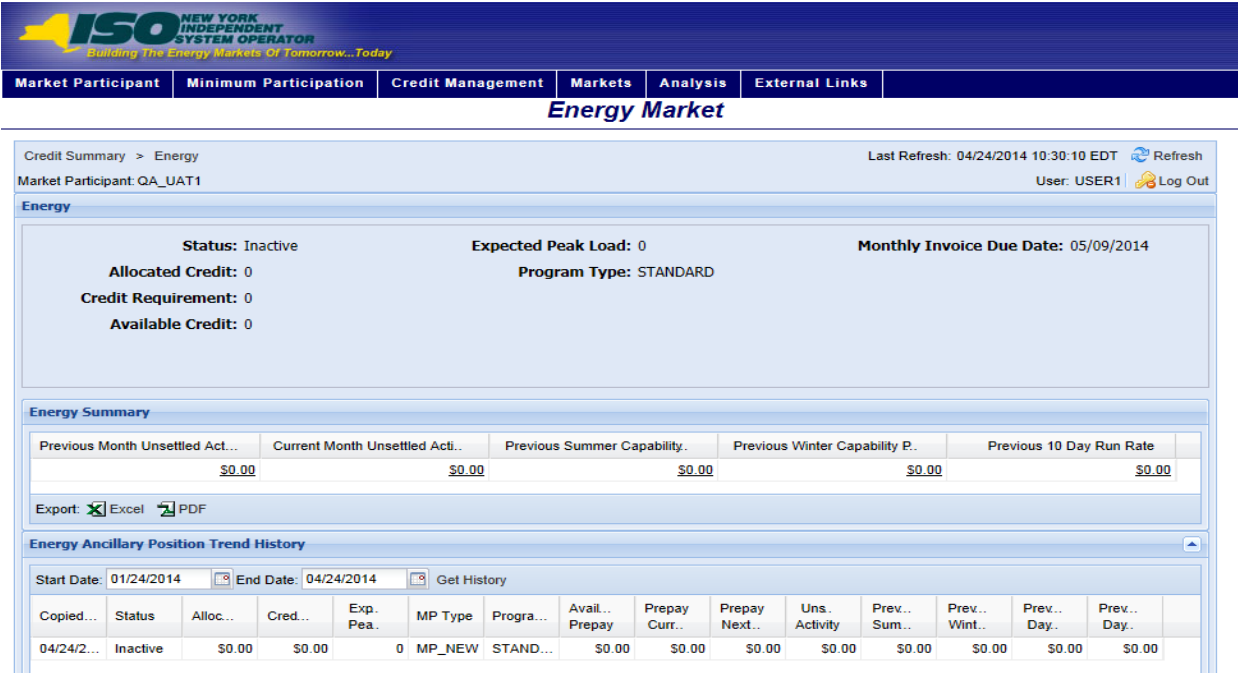
- Viewing Energy and Ancillary Services Requirements
- Viewing Energy Transactions Requirements
- Viewing ICAP Requirements
- Viewing TCC Requirements
- Viewing Virtual Requirements

6.1. Viewing Energy and Ancillary Services Credit Requirements

The Energy and Ancillary Services Credit Requirements Summary page provides a current snapshot view of an MP's Energy and Ancillary Services Credit Requirements.

The page contains hyperlinks that allow the user to view the details of the MP's Previous Capability Period Run Rate and Previous 10 Day Run Rate, as well as Previous Month and Current Month Unsettled Activities.

Figure M1: Energy and Ancillary Services Credit Requirements Summary Page



ISO NEW YORK INDEPENDENT SYSTEM OPERATOR
Building The Energy Markets Of Tomorrow...Today

Market Participant | Minimum Participation | Credit Management | **Markets** | Analysis | External Links

Energy Market

Credit Summary > Energy Last Refresh: 04/24/2014 10:30:10 EDT Refresh

Market Participant: QA_UAT1 User: USER1 Log Out

Energy

Status: Inactive **Expected Peak Load:** 0 **Monthly Invoice Due Date:** 05/09/2014

Allocated Credit: 0 **Program Type:** STANDARD

Credit Requirement: 0

Available Credit: 0

Energy Summary

Previous Month Unsettled Act...	Current Month Unsettled Acti...	Previous Summer Capability...	Previous Winter Capability P...	Previous 10 Day Run Rate
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Export: Excel PDF

Energy Ancillary Position Trend History

Start Date: 01/24/2014 End Date: 04/24/2014 Get History

Copied...	Status	Alloc...	Cred...	Exp. Pea.	MP Type	Progra...	Avail... Prepay	Prepay Curr...	Prepay Next...	Uns. Activity	Prev.. Sum...	Prev.. Wint...	Prev.. Day..	Prev.. Day..
04/24/2...	Inactive	\$0.00	\$0.00	0	MP_NEW	STAND...	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

To view the Energy and Ancillary Services Credit Requirements Summary page

1. From the **Markets** menu, choose the **Energy** option.

The system displays the Energy and Ancillary Services Credit Requirements Summary page.

Note: The Energy and Ancillary Services Credit Requirements Summary page can also be accessed from the Credit Summary page by clicking the line representing the *Energy / Ancillary Services* market listing or from any other Energy and Ancillary Services page by clicking the **Energy** hyperlink in the breadcrumb trail.

Figure M2: Energy and Ancillary Services Credit Requirements Summary Menu Option

Markets	Analysis	External Links
Energy		
Energy Transactions		
ICAP		
TCC		
Virtual		
DSASP		
True Up Exposure		

Figure M3: Hyperlinks to Energy and Ancillary Services Credit Requirements Page from Credit Summary Page

Credit Management System
Credit Summary

Market Participant: QA_TEST Last Refresh: 02/21/2020 12:48:52 EST Refresh User: qa_user Log Out

Credit Summary

Posted Credit: \$5,750,000.00	Concentration Cap: \$50,000,000.00
Unallocated Credit: \$2,000,000.00	Adjusted Unsecured Baseline: \$750,000.00
Secured Credit: \$5,000,000.00	Capped Unsecured Baseline: \$750,000.00
Unsecured Credit: \$750,000.00	

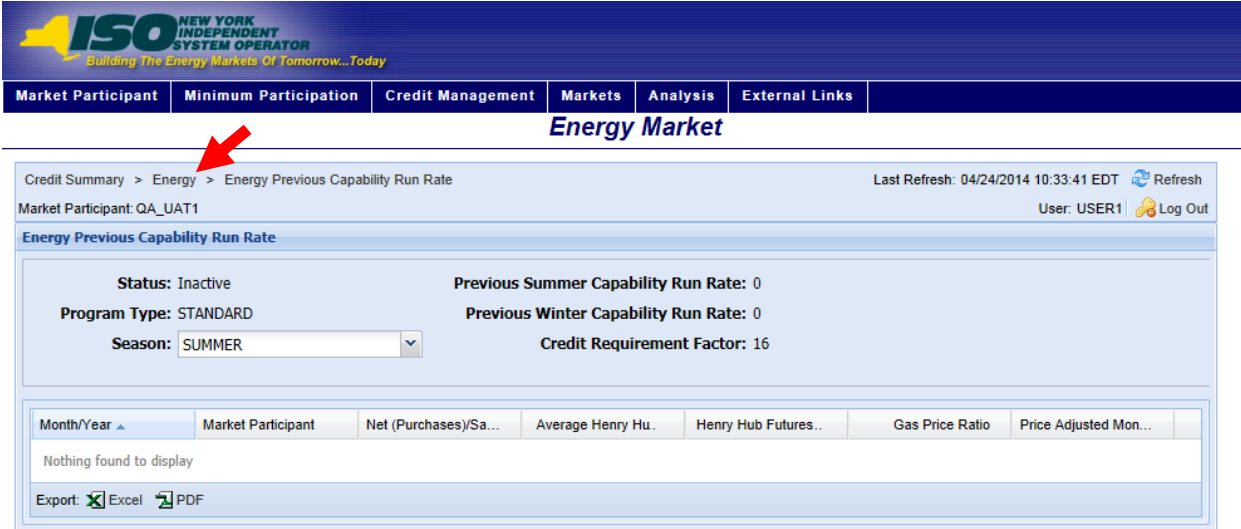
You have open Credit Requests [View](#)

Market / Program	Status	Credit Allocated	Credit Requirement	Credit Available	Open Credit Calls
Energy / Ancillary Services	Active	\$1,000,000.00	\$0.00	\$1,000,000.00	1
True Up Exposure		\$0.00	\$0.00	\$0.00	
Energy Transactions	Active	\$50,000.00	\$0.00	\$50,000.00	
Installed Capacity (ICAP)	Active	\$600,000.00	\$0.00	\$600,000.00	
Transmission Congestion Contract (TCC)	Active	\$2,000,000.00	\$0.00	\$2,000,000.00	
Virtual Transactions	Active	\$100,000.00	\$0.00	\$100,000.00	
Wholesale Transmission Service Charges (WTSC)		\$0.00	\$0.00	\$0.00	
Day Ahead Demand Response Program (DADRP)	Active	\$0.00	\$0.00	\$0.00	
Demand Side Ancillary Services Program (DSASP)	Active	\$0.00	\$0.00	\$0.00	

Export: [Excel](#) [PDF](#)

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Figure M4: Energy and Ancillary Services Credit Requirements Summary Hyperlink in a Breadcrumb Trail



The screenshot shows the 'Energy Market' interface. At the top, there is a navigation menu with 'Market Participant', 'Minimum Participation', 'Credit Management', 'Markets', 'Analysis', and 'External Links'. Below this is the breadcrumb trail: 'Credit Summary > Energy > Energy Previous Capability Run Rate'. A red arrow points to the 'Energy' link. The page title is 'Energy Market'. The main content area shows 'Energy Previous Capability Run Rate' with fields for Status (Inactive), Program Type (STANDARD), Season (SUMMER), Previous Summer Capability Run Rate (0), Previous Winter Capability Run Rate (0), and Credit Requirement Factor (16). Below this is a table with columns: Month/Year, Market Participant, Net (Purchases)/Sa..., Average Henry Hu., Henry Hub Futures.., Gas Price Ratio, and Price Adjusted Mon... The table is currently empty, showing 'Nothing found to display'. There are also 'Export' options for Excel and PDF.

Figure M5: Energy and Ancillary Services Credit Requirements Summary Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Status	The status of the MP in the Energy and Ancillary Services Market.	N	N	Active Inactive Suspended
Allocated Credit	The amount of Posted Credit allocated to the Energy and Ancillary Services Market.	N	N	
Credit Requirement	The calculated Credit Requirement for the MP for the Energy and Ancillary Services Market.	N	N	See Tariff for calculation.
Available Credit	The amount that the Allocated Credit exceeds the Credit Requirement.	N	N	Allocated Credit minus Credit Requirement.
Expected Peak Load	The amount of expected peak load for the MP for the Energy and Ancillary Services Market.	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Program Type	The Energy and Ancillary Services program in which the MP is currently participating.	N	N	Standard Prepay
Invoice Due Date	The date payment is due on the next monthly invoice.	N	N	

Figure M6: Energy Summary Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Previous Month Unsettled Activity	The calculated Previous Month Unsettled Activity	N	Y	Hyperlink to the Energy Previous Month Unsettled Activity page.
Current Month Unsettled Activity	The calculated Current Month Unsettled Activity	N	Y	Hyperlink to the Energy Current Month Unsettled Activity page.
Previous Summer Capability Period Run Rate	The calculated Previous Summer Capability Period Run Rate amount.	N	Y	Hyperlink to the Energy Previous Capability Period Run Rate page for Summer.
Previous Winter Capability Period Run Rate	The calculated Previous Winter Capability Period Run Rate amount.	N	Y	Hyperlink to the Energy Previous Capability Period Run Rate page for Winter.
Previous 10 Day Run Rate	The calculated Previous 10 Day Run Rate amount.	N	Y	Hyperlink to the 10 Day Run Rate page.

Figure M7: Energy Ancillary Position Trend History Field Definitions

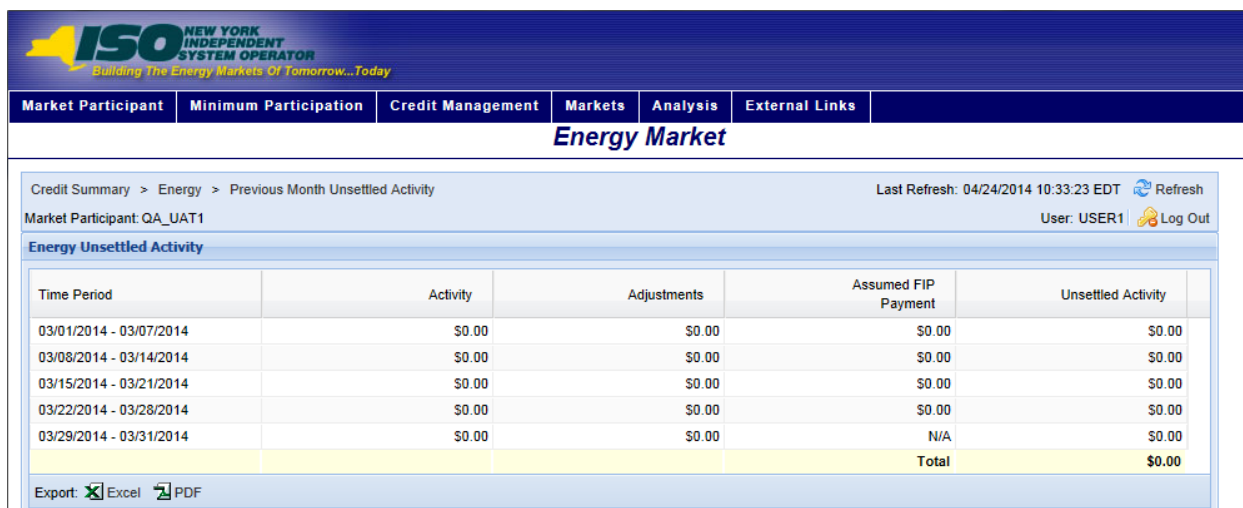
Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Start Date	Report start date	N	N	Field to enter date
End Date	Report end date	N	N	Field to enter date
Copied Date	Date snapshot of data was taken	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Status	The status of the MP in the Energy and Ancillary Services Market.	N	N	Active Inactive Suspended
Allocated Credit	Market Allocation for the period selected	N	N	
Credit Requirement	Credit Requirement for the period selected	N	N	
Expected Peak Load	Maximum number of MWs a new MP estimates transacting	N	N	
MP Type	Type of MP	N	N	
Program Type	Type of Energy program	N	N	
Available Prepay	Amount of prepayment available for future energy purchases	N	N	
Prepay Current Week	Projected amount of purchases for the remainder of the current prepay week	N	N	
Prepay Next Week	Projected amount of purchases for the upcoming prepay week	N	N	
Unsettled Activity	Energy purchases that are unsettled	N	N	
Previous Summer Cap RR	Previous Summer Cap RR for the period selected	N	N	
Previous Winter Cap RR	Previous Winter Cap RR for the period selected	N	N	
Previous 10 Day RR	Previous 10 Day RR for the period selected	N	N	
Previous 10 Day Activity	Previous 10 Day Activity for the period selected	N	N	

6.1.1. Viewing Energy Unsettled Activity

The Energy Unsettled Activity page provides a current snapshot view of the information used to calculate the MP's Unsettled Activity for either the Prior or Current Month.

Figure M8: Energy Unsettled Activity Page



Credit Summary > Energy > Previous Month Unsettled Activity Last Refresh: 04/24/2014 10:33:23 EDT [Refresh](#)

Market Participant: QA_UAT1 User: USER1 [Log Out](#)

Energy Unsettled Activity

Time Period	Activity	Adjustments	Assumed FIP Payment	Unsettled Activity
03/01/2014 - 03/07/2014	\$0.00	\$0.00	\$0.00	\$0.00
03/08/2014 - 03/14/2014	\$0.00	\$0.00	\$0.00	\$0.00
03/15/2014 - 03/21/2014	\$0.00	\$0.00	\$0.00	\$0.00
03/22/2014 - 03/28/2014	\$0.00	\$0.00	\$0.00	\$0.00
03/29/2014 - 03/31/2014	\$0.00	\$0.00	N/A	\$0.00
			Total	\$0.00

Export: [Excel](#) [PDF](#)

Pre-requisite

The user has accessed the Energy and Ancillary Services Credit Requirements Summary page as outlined under Section [6.1](#), beginning on page [57](#).

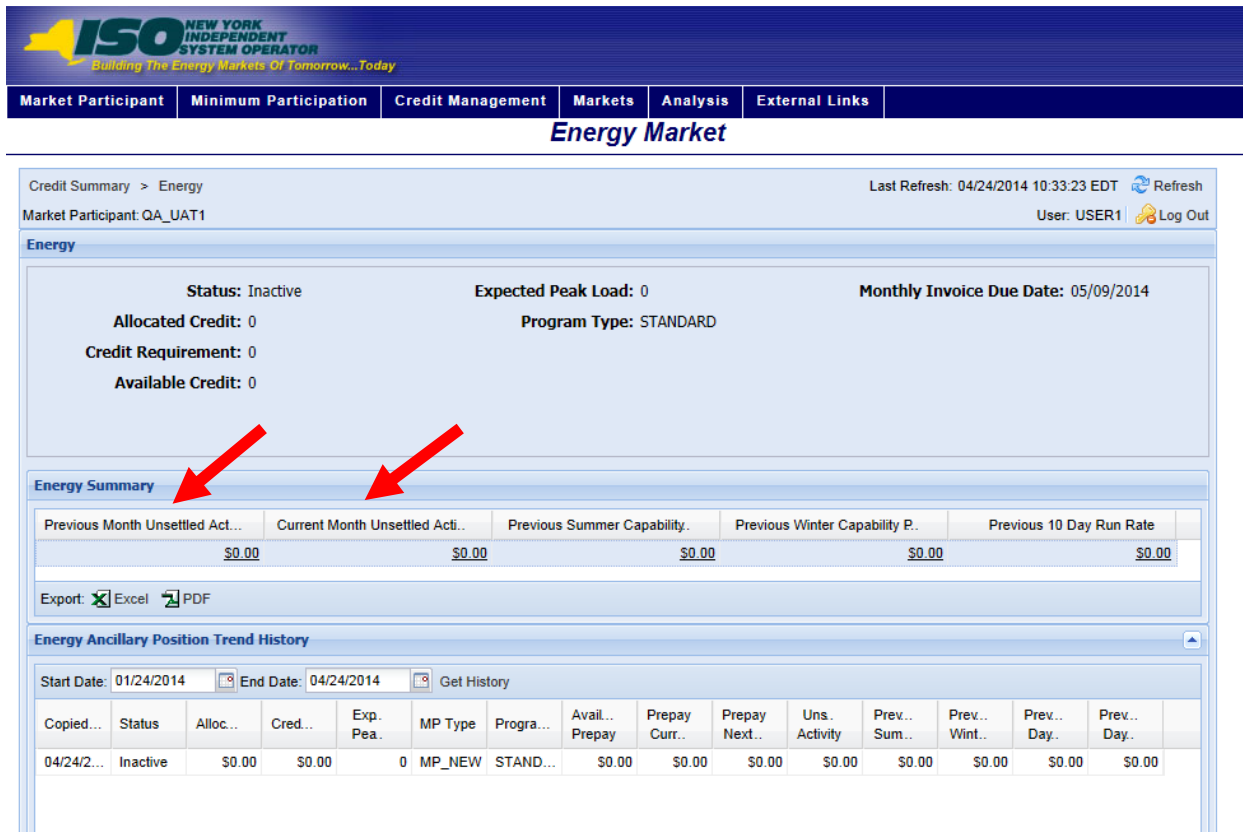
To view the Energy Unsettled Activity page

On the Energy and Ancillary Services Credit Requirements Summary page, click the *Previous Month Unsettled Activity* or the *Current Month Unsettled Activity* value hyperlink.

Note: These are the only means of accessing the Energy Unsettled Activity page.

The system displays the Energy Unsettled Activity page

Figure M9: Links to Energy Unsettled Activity Page



The screenshot shows the 'Energy Market' interface. At the top, there is a navigation bar with tabs: Market Participant, Minimum Participation, Credit Management, Markets, Analysis, and External Links. Below this is the 'Energy' section with a status of 'Inactive', 'Expected Peak Load: 0', and 'Monthly Invoice Due Date: 05/09/2014'. The 'Energy Summary' table shows values of \$0.00 for various metrics. Below that is the 'Energy Ancillary Position Trend History' table with a single row of data for 04/24/2014.

Figure M10: Energy Unsettled Activity Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Time Period	The time period to which the payment was applied	N	N	
Activity	The Energy and Ancillary Services Activity for the time period.	N	N	
Adjustments	The Energy and Ancillary Services Adjustments for the time period.	N	N	
Assumed FIP Payment	The weekly invoice payment applied to the time period	N	N	
Unsettled Activity	The Energy and Ancillary Services Unsettled	N	N	System Calculated

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
	Activity for the time period.			Difference between Activity value and Assumed FIP Payment value.
Total Unsettled Activity	The sum total of displayed Unsettled Activity	N	N	

6.1.2. Viewing Energy Previous Capability Period Run Rate

The Energy Previous Capability Period Run Rate page provides a current snapshot view of the information used to calculate the MP's Prior Capability Period Run Rate for either the Summer or Winter Capability Period.

Figure M11: Energy Previous Capability Period Run Rate Page



The screenshot displays the 'Energy Previous Capability Run Rate' page. At the top, the ISO logo and navigation tabs are visible. The main content area includes the following information:

- Status:** Inactive
- Program Type:** STANDARD
- Season:** SUMMER (selected from a dropdown menu)
- Previous Summer Capability Run Rate:** 0
- Previous Winter Capability Run Rate:** 0
- Credit Requirement Factor:** 16

Below this information is a table with the following columns: Month/Year, Market Participant, Net (Purchases)/Sa..., Average Henry Hu., Henry Hub Futures..., Gas Price Ratio, and Price Adjusted Mon... The table currently displays 'Nothing found to display'. At the bottom, there are 'Export' options for Excel and PDF.

Pre-requisite

The user has accessed the Energy and Ancillary Services Credit Requirements Summary page as outlined under Section [6.1](#), beginning on page [57](#).

To view the Energy Previous Capability Period Run Rate page

On the Energy and Ancillary Services Credit Requirements Summary page, click the *Previous Summer Capability Period Run Rate* or the *Previous Winter Capability Period Run Rate* value hyperlink.

Note: These are the only means of accessing the Energy Previous Capability Period Run Rate page.

The system displays the Energy Previous Capability Period Run Rate page.

Figure M12: Links to Energy Previous Capability Period Run Rate Details Page

The screenshot shows the 'Energy Market' interface. At the top, there is a navigation bar with tabs: Market Participant, Minimum Participation, Credit Management, Markets, Analysis, and External Links. Below this is the 'Energy Market' header. The main content area shows 'Credit Summary > Energy' for Market Participant QA_UAT1. It includes a status section with 'Status: Inactive', 'Expected Peak Load: 0', and 'Monthly Invoice Due Date: 05/09/2014'. Below this is the 'Energy Summary' table:

Previous Month Unsettled Act...	Current Month Unsettled Act..	Previous Summer Capability..	Previous Winter Capability P..	Previous 10 Day Run Rate
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Two red arrows point to the 'Previous Summer Capability..' and 'Previous Winter Capability P..' fields. Below the summary table is an 'Energy Ancillary Position Trend History' section with a table of historical data.

Figure M13: Energy Previous Capability Period Run Rate Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.

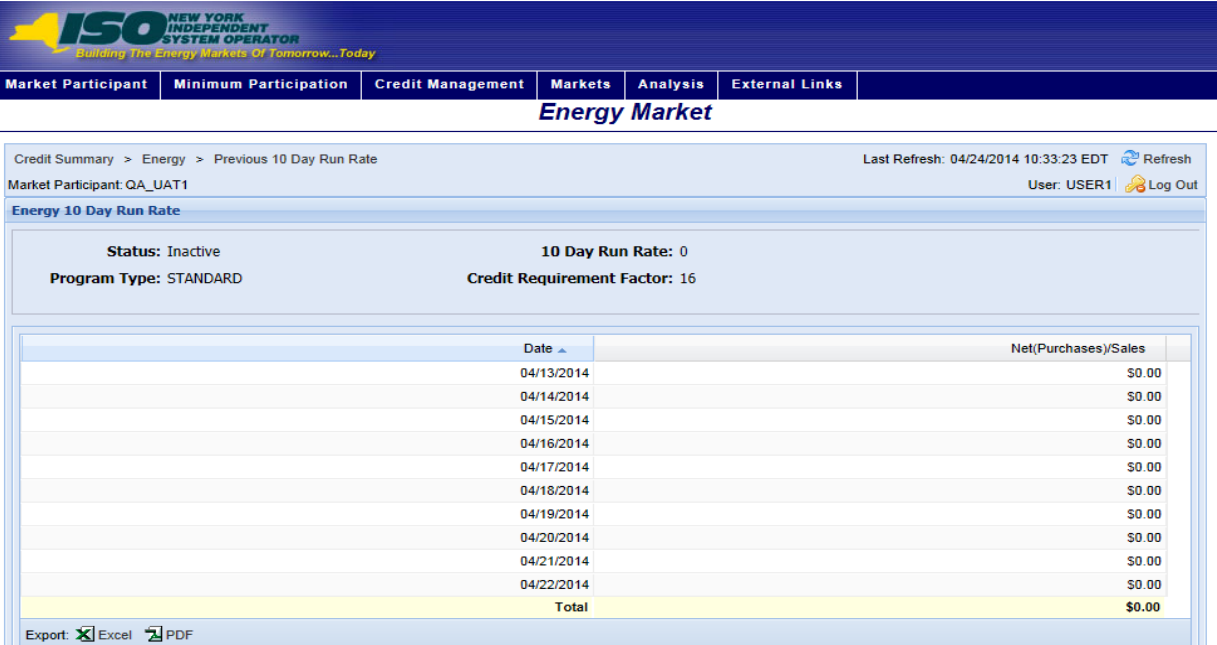
Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Status	The status of the MP in the Energy and Ancillary Services Market.	N	N	Active Inactive Suspended
Program Type	The Energy and Ancillary Services program in which the MP is currently participating.	N	N	Standard Prepay
Season	The season represented by the prior capability period run rate.	N	N	Filter: Summer, Winter
Previous Summer Capability Period Run Rate	The calculated Previous Capability Period Run Rate amount for the prior Summer.	N	N	
Previous Winter Capability Period Run Rate	The calculated Previous Capability Period Run Rate amount for the prior Winter.	N	N	
Credit Requirement Factor	The number of days used for extrapolation of the prior period run rates.	N	N	
Month / Year	The Month and Year of the selected Capability Period.	N	N	Data and calculations displayed on this row are for the displayed month and year. Format: mm/yyyy Data is sorted by this field upon entry to the page.
MP Name	The name of MP whose Previous Capability Run Rate calculations are used for the MP being processed.	N	N	An MP may represent other MPs. The Credit requirements for the represented MPs are rolled into the Credit requirements of the "Parent" MP. Therefore, it is possible for

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
				multiple MPs to be displayed for a specific month / year.
Net Purchases / Sales	The total net invoiced purchases and sales.	N	N	If total invoiced purchases exceed total invoiced sales for the month / year, the net purchases amount will be displayed in parentheses.
Average Henry Hub Spot Gas Price	The published Average Henry Hub Spot Gas Price for the month / year.	N	N	
Henry Hub Futures Gas Price	The published Henry Hub Futures Gas Price for the month / year.	N	N	
Gas Price Ratio	The average Henry Hub Gas Price.	N	N	Henry Hub Futures Gas Price divided by Average Henry Hub Spot Gas Price.
Price Adjusted Monthly Net Purchases / Sales	The Month Net Purchases / Sales with the Gas Price Ratio applied.	N	N	Net Purchases / Sales times Gas Price Ratio. If total price adjusted net purchases total price adjusted net sales for the month / year, the price adjusted net purchases amount will be displayed in parentheses.

6.1.3. Viewing Energy Previous 10 Day Rate Details

The Energy 10 Day Run Rate details page provides a current snapshot view of the information used to calculate the MP's Previous 10 Day Run Rate.

Figure M14: Energy Previous 10 Day Run Rate Details Page



Date	Net(Purchases)/Sales
04/13/2014	\$0.00
04/14/2014	\$0.00
04/15/2014	\$0.00
04/16/2014	\$0.00
04/17/2014	\$0.00
04/18/2014	\$0.00
04/19/2014	\$0.00
04/20/2014	\$0.00
04/21/2014	\$0.00
04/22/2014	\$0.00
Total	\$0.00

Pre-requisite

The user has accessed the Energy and Ancillary Services Credit Requirements Summary page as outlined under Section [6.1](#), beginning on page [57](#).

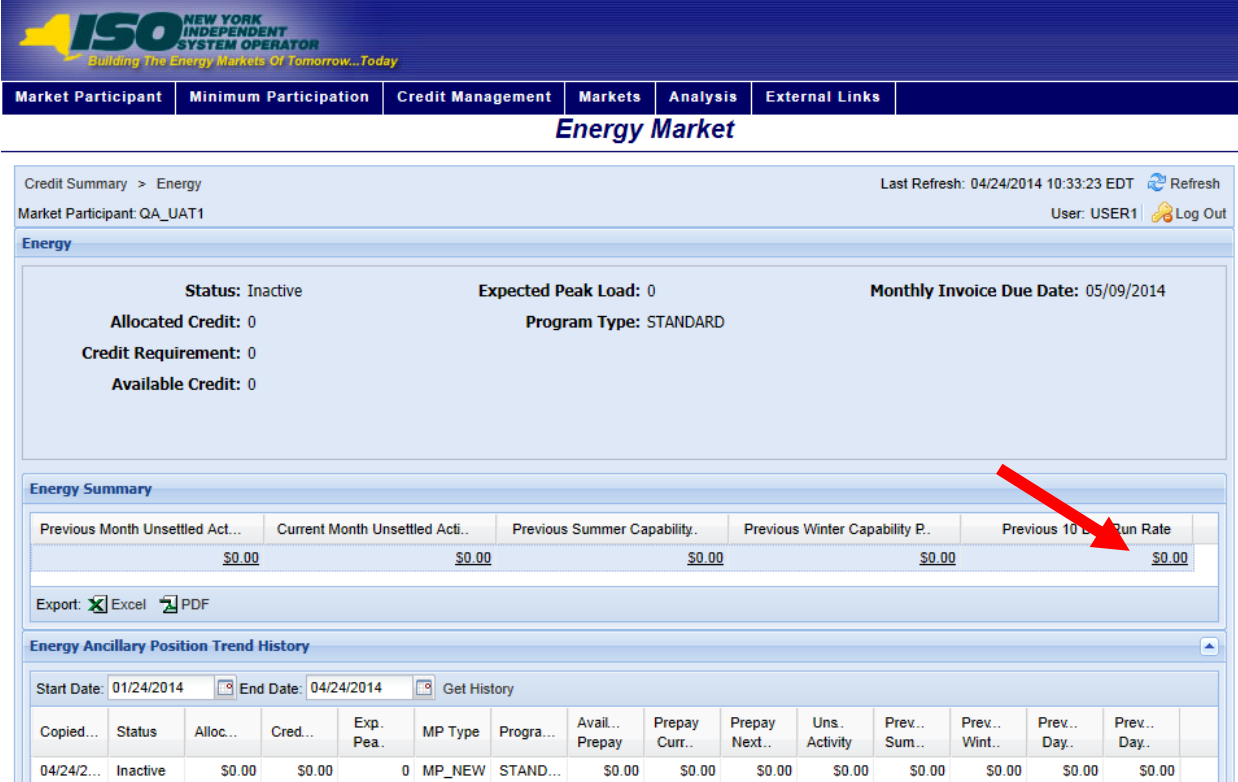
 **To view the Energy Previous 10 Day Run Rate Details page**

On the Energy and Ancillary Services Credit Requirements Summary page, click the *Previous 10 Day Run Rate* value hyperlink.

Note: This is the only mean of accessing the Energy Previous 10 Day Run Rate Details page.

The system displays the Energy Previous 10 Day Run Rate Details page.

Figure M15: Hyperlink to Energy Previous 10 Day Run Rate Details Page



The screenshot shows the 'Energy Market' interface. At the top, there is a navigation bar with tabs: Market Participant, Minimum Participation, Credit Management, Markets, Analysis, and External Links. Below this is the 'Energy Market' header. The main content area includes a 'Credit Summary' section for 'Energy' with details like Status: Inactive, Expected Peak Load: 0, and Monthly Invoice Due Date: 05/09/2014. Below this is the 'Energy Summary' table, which has a red arrow pointing to the 'Previous 10 Day Run Rate' field. The table also includes fields for Previous Month Unsettled Act., Current Month Unsettled Act., Previous Summer Capability., and Previous Winter Capability P., all showing \$0.00. There are also 'Export' options for Excel and PDF. At the bottom, there is an 'Energy Ancillary Position Trend History' table with columns for Copied..., Status, Alloc..., Cred..., Exp. Pea., MP Type, Progra..., Avail... Prepay, Prepay Curr., Prepay Next..., Uns. Activity, Prev... Sum..., Prev... Wint..., Prev... Day., and Prev... Day..

Figure M16: Energy 10 Day Run Rate Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Status	The status of the MP in the Energy and Ancillary Services Market.	N	N	Active Inactive Suspended
Program Type	The Energy and Ancillary Services program in which the MP is currently participating.	N	N	Standard Prepay
10 Day Run Rate	The calculated Previous 10 Day Run Rate amount.	N	N	
Credit Requirement Factor	The number of days used for extrapolation of the 10 day run rates.	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Date	The Month, Day, and Year of the displayed Net (Purchases) / Sales.	N	N	Date of net purchases and sales. Format: mm/dd/yyyy Data is sorted by this field upon entry to the page.
Net (Purchases) / Sales	The net total of Energy and Ancillary Services purchases and sales for the displayed date.	N	N	If total invoiced purchases exceed total invoiced sales for the month / year, the net purchases amount will be displayed in parentheses.
Total Net Purchases / Sales	The sum total of displayed net purchases and sales.	N	N	

6.2. Viewing ICAP Credit Requirements

The ICAP Credit Requirements Summary page provides a current snapshot view of an MP's ICAP Credit Requirements.

Figure M17: ICAP Credit Requirements Summary Page

The page contains hyperlinks that allow the user to view the details of the MP's Bid Exposure, Auction Awards, Adjustments, Prepayments, and FIP Payments.

 **To view the ICAP Credit Requirements Summary page**

1. From the **Markets** menu, choose the **ICAP** option.

The system displays the ICAP Credit Requirements Summary page

Note: The ICAP Credit Requirements Summary page can also be accessed from the Credit Summary page by clicking the line representing the *Installed Capacity (ICAP)* market listing or from any other ICAP page by clicking the **ICAP** hyperlink in the breadcrumb trail.

Figure M18: ICAP Credit Requirements Summary Menu Option

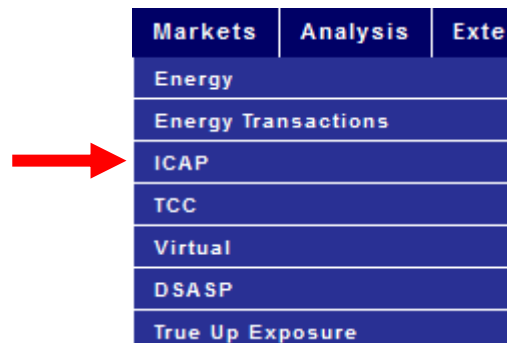


Figure M19: Hyperlink to ICAP Credit Requirements Page from Credit Summary Page

Credit Management System
Credit Summary

Market Participant: QA_TEST | Last Refresh: 02/21/2020 12:48:52 EST | Refresh | User: qa_user | Log Out

Credit Summary

Posted Credit: \$5,750,000.00 | Concentration Cap: \$50,000,000.00
 Unallocated Credit: \$2,000,000.00 | Adjusted Unsecured Baseline: \$750,000.00
 Secured Credit: \$5,000,000.00 | Capped Unsecured Baseline: \$750,000.00
 Unsecured Credit: \$750,000.00

You have open Credit Requests [View](#)

Market / Program	Status	Credit Allocated	Credit Requirement	Credit Available	Open Credit Calls
Energy / Ancillary Services	Active	\$1,000,000.00	\$0.00	\$1,000,000.00	1
True Up Exposure		\$0.00	\$0.00	\$0.00	
Energy Transactions	Active	\$50,000.00	\$0.00	\$50,000.00	
Installed Capacity (ICAP)	Active	\$600,000.00	\$0.00	\$600,000.00	
Transmission Congestion Contract (TCC)	Active	\$2,000,000.00	\$0.00	\$2,000,000.00	
Virtual Transactions	Active	\$100,000.00	\$0.00	\$100,000.00	
Wholesale Transmission Service Charges (WTSC)		\$0.00	\$0.00	\$0.00	
Day Ahead Demand Response Program (DADRP)	Active	\$0.00	\$0.00	\$0.00	
Demand Side Ancillary Services Program (DSASP)	Active	\$0.00	\$0.00	\$0.00	

Export: [Excel](#) [PDF](#)

Figure M20: ICAP Credit Requirements Summary Hyperlink in a Breadcrumb Trail

ICAP

Credit Summary > ICAP > ICAP Award | Last Refresh: 04/24/2014 10:56:46 EDT | Refresh | Market Participant: QA_UAT1 | User: USER1 | Log Out

ICAP Award

Status: Inactive
Auction Awards Total: 0

Action	Auction	March	April	Total
Nothing found to display				
		\$0.00	\$0.00	\$0.00

Export: [Excel](#) [PDF](#)

Figure M21: ICAP Credit Requirements Summary Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Status	The status of the MP in the ICAP Market	N	N	Active Inactive Suspended
Allocated Credit	The amount of Posted Credit allocated to the ICAP Market.	N	N	
Credit Requirement	The calculated Credit Requirement for the MP for the ICAP Market.	N	N	See Tariff for calculation.
Available Credit	The amount that the Allocated Credit exceeds the Credit Requirement.	N	N	Allocated Credit minus Credit Requirement.
Monthly Invoice Due Date	The date payment is due on the next monthly invoice.	N	N	
Bid Requirement	The amount of Bid Exposure the MP has based on its outstanding accepted, unawarded ICAP bids.	N	Y	Hyperlink to the ICAP Bid Exposure page.
Auction Awards (Sales) / Purchases	The amount of Auction Award Exposure the MP has based on its current ICAP auction awards.	N	Y	Hyperlink to the ICAP Auction Awards page.
Adjustments	The amount of Exposure the MP has based on its current ICAP adjustments.	N	Y	Adjustments include: <ul style="list-style-type: none"> • Supplemental Auction Awards • Manual Adjustments • Load Shift Adjustments

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
				<ul style="list-style-type: none"> • True-up Adjustments. Hyperlink to the ICAP Adjustments page.
Prepayments	The amount the MP has prepaid on its current ICAP obligations.	N	Y	Hyperlink to the ICAP Prepayments page.
Previous Month FIP Payments	The payments applied to weekly invoices issued in the previous month	N	Y	Hyperlink to the ICAP Previous Month FIP Payments page.
Current Month FIP Payments	The payments applied to weekly invoices issued in the current month	N	Y	Hyperlink to the ICAP Current Month FIP Payments page.

Figure M22: ICAP Position Trend History Field Definitions

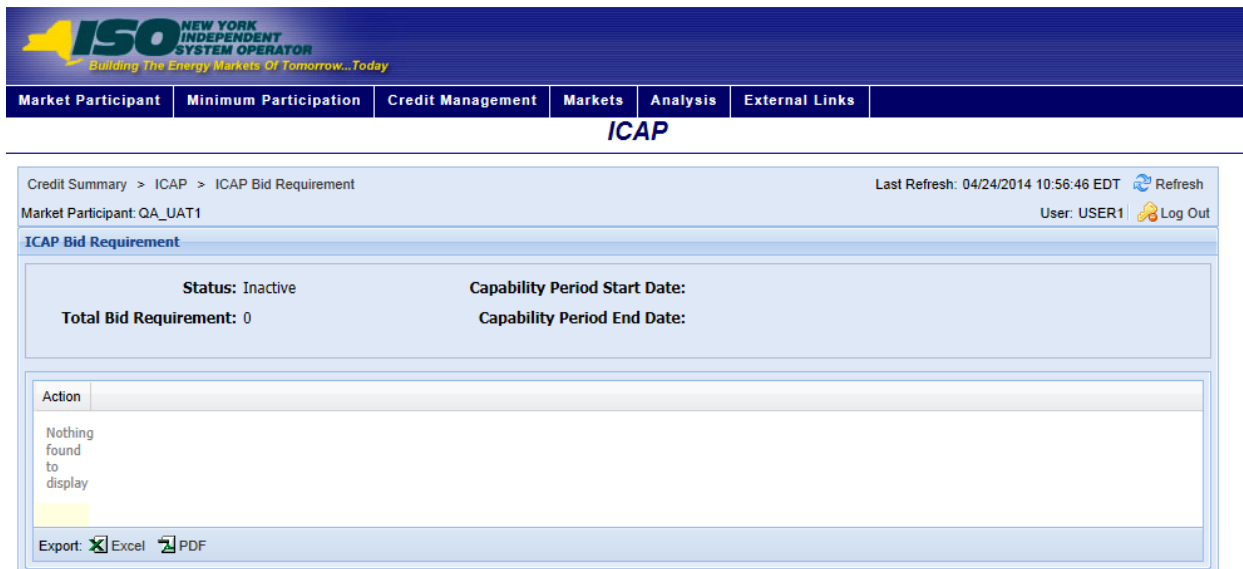
Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Start Date	Report start date	N	N	Field to enter date
End Date	Report end date	N	N	Field to enter date
Copied Date	The "As of date" for displayed market position	N	N	
Status	Status of MP as of date displayed	N	N	Active Inactive Suspended
Allocated Credit	The amount of Posted Credit allocated to the ICAP Market as of date displayed	N	N	
Credit Requirement	The calculated Credit Requirement for the MP for the ICAP Market as of date displayed	N	N	
Bid Requirement	The amount of Bid Exposure the MP has based on its outstanding	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
	accepted, unawarded ICAP bids as of date displayed			
Auction Awards (Sales) / Purchases	The amount of Auction Award Exposure the MP has based on its current ICAP auction awards as of date displayed	N	N	
Load Shift Adjustments	The amount of Exposure the MP has based on its current ICAP adjustments as of date displayed	N	N	
Prepayments	The amount the MP has prepaid on its ICAP obligations as of date displayed	N	N	
Effective FIP Payments	FIP payments applicable to date displayed	N	N	

6.2.1. Viewing ICAP Bid Requirement

The ICAP Bid Requirement page provides a current snapshot view of the information used to calculate the MP's bid Requirement.

Figure M23: ICAP Bid Requirement Page



The screenshot displays the 'ICAP Bid Requirement' page. At the top, there is a navigation bar with tabs for 'Market Participant', 'Minimum Participation', 'Credit Management', 'Markets', 'Analysis', and 'External Links'. Below this is the 'ICAP' logo. The main content area shows a breadcrumb trail: 'Credit Summary > ICAP > ICAP Bid Requirement'. The page is for 'Market Participant: QA_UAT1' and was last refreshed on '04/24/2014 10:56:46 EDT'. The user is 'USER1'. The 'ICAP Bid Requirement' section shows the following details:

- Status: Inactive
- Total Bid Requirement: 0
- Capability Period Start Date: (blank)
- Capability Period End Date: (blank)

Below this information is a table with one row: 'Action', containing the text 'Nothing found to display'. At the bottom, there are 'Export' options for 'Excel' and 'PDF'.

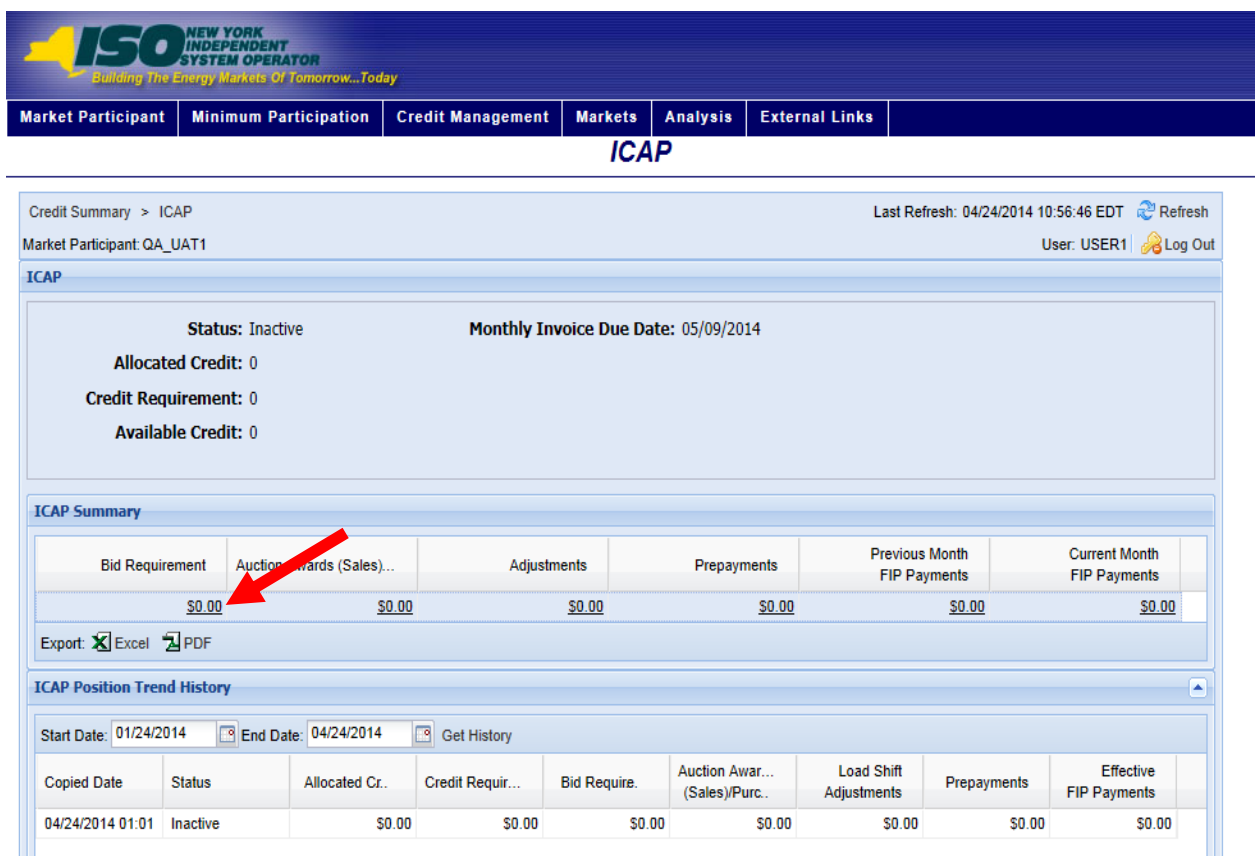
Pre-requisite

The user has accessed the ICAP Credit Requirements Summary page as outlined under Section 6.2, beginning on page [71](#).

 **To view the ICAP Bid Requirement page**

On the ICAP Credit Requirements Summary page, click the *Bid Requirement* value hyperlink. This is the only means of accessing the ICAP Bid Requirement page.

Figure M24: Hyperlink to ICAP Bid Requirement Page



Credit Summary > ICAP Last Refresh: 04/24/2014 10:56:46 EDT Refresh

Market Participant: QA_UAT1 User: USER1 Log Out

ICAP

Status: Inactive Monthly Invoice Due Date: 05/09/2014

Allocated Credit: 0

Credit Requirement: 0

Available Credit: 0

ICAP Summary

Bid Requirement	Auction Awards (Sales)...	Adjustments	Prepayments	Previous Month FIP Payments	Current Month FIP Payments
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Export: Excel PDF

ICAP Position Trend History

Start Date: 01/24/2014 End Date: 04/24/2014 Get History

Copied Date	Status	Allocated Cr.	Credit Requir...	Bid Require.	Auction Awar... (Sales)/Purc..	Load Shift Adjustments	Prepayments	Effective FIP Payments
04/24/2014 01:01	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

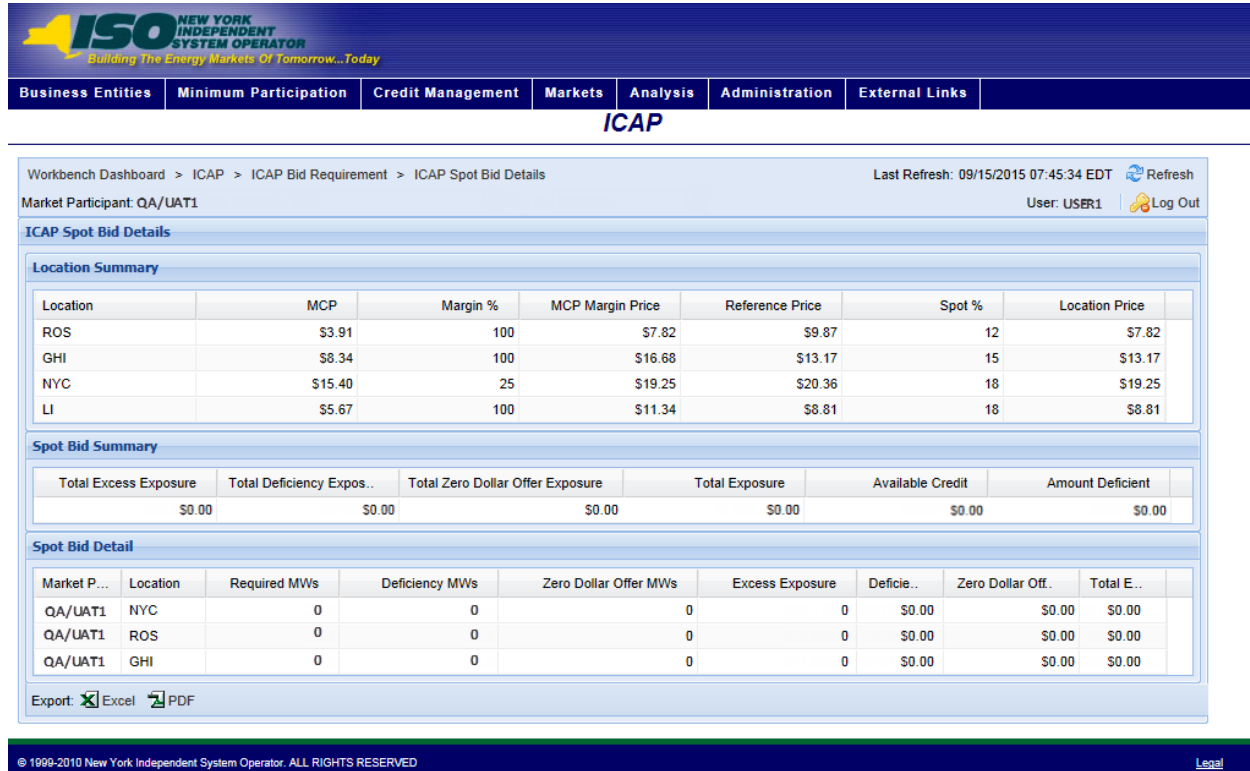
Figure M25: ICAP Bid Requirement Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Status	The status of the MP in the ICAP Market.	N	N	Active Inactive Suspended
Total Bid Requirement	The amount of Bid Exposure the MP has based on its outstanding accepted, unawarded ICAP bids.	N	N	Sum of all Bid Exposure displayed.
Capability Period Start Date	The Start Date of the Capability Period for which the MP has outstanding accepted bids.	N	N	
Capability Period End Date	The End Date of the Capability Period for which the MP has outstanding accepted bids.	N	N	
Auction	The Auction for which the MP has ICAP Bid Exposure.	N	N	Data is sorted by this field upon entry to the page.
Location	The Location within the Auction for which the MP has ICAP Bid Exposure.	N	N	ROS NYC LI GHI
Months	The months of the displayed Capability Period.	N	N	
Monthly Bid Requirement	The amount of Bid Exposure for each month in which the MP has ICAP Bid Exposure.	N	N	
Total Row	Totals for all months in the row.	N	N	
Total Columns	Monthly totals for all auctions and locations.	N	N	

6.2.2. Viewing ICAP Spot Bid Details

The ICAP bid details page provides the details of an MP's ICAP bid.

Figure M26: ICAP Spot Bid Details Page



The screenshot displays the 'ICAP Spot Bid Details' page. At the top, there is a navigation bar with tabs for Business Entities, Minimum Participation, Credit Management, Markets, Analysis, Administration, and External Links. Below this is the 'ICAP' header. The main content area includes a breadcrumb trail: Workbench Dashboard > ICAP > ICAP Bid Requirement > ICAP Spot Bid Details. The Market Participant is identified as QA/UAT1. The page is divided into three sections:

- Location Summary:** A table with columns for Location, MCP, Margin %, MCP Margin Price, Reference Price, Spot %, and Location Price. Data rows include ROS, GHI, NYC, and LI.
- Spot Bid Summary:** A table with columns for Total Excess Exposure, Total Deficiency Exposure, Total Zero Dollar Offer Exposure, Total Exposure, Available Credit, and Amount Deficient. All values are \$0.00.
- Spot Bid Detail:** A table with columns for Market P..., Location, Required MWs, Deficiency MWs, Zero Dollar Offer MWs, Excess Exposure, Deficie..., Zero Dollar Off., and Total E... It lists three rows for QA/UAT1 at locations NYC, ROS, and GHI, all with zero values.

At the bottom, there is an 'Export' section with options for Excel and PDF, and a footer with the copyright notice: © 1999-2010 New York Independent System Operator. ALL RIGHTS RESERVED.

Figure M27: ICAP Spot Bid Details Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Location	The Locality for which the MP has ICAP Bid Exposure.	N	N	ROS NYC LI GHI
MCP	Market Clearing Price by Location.	N	N	
Margin %	The percentage margin applied to the location.	N	N	

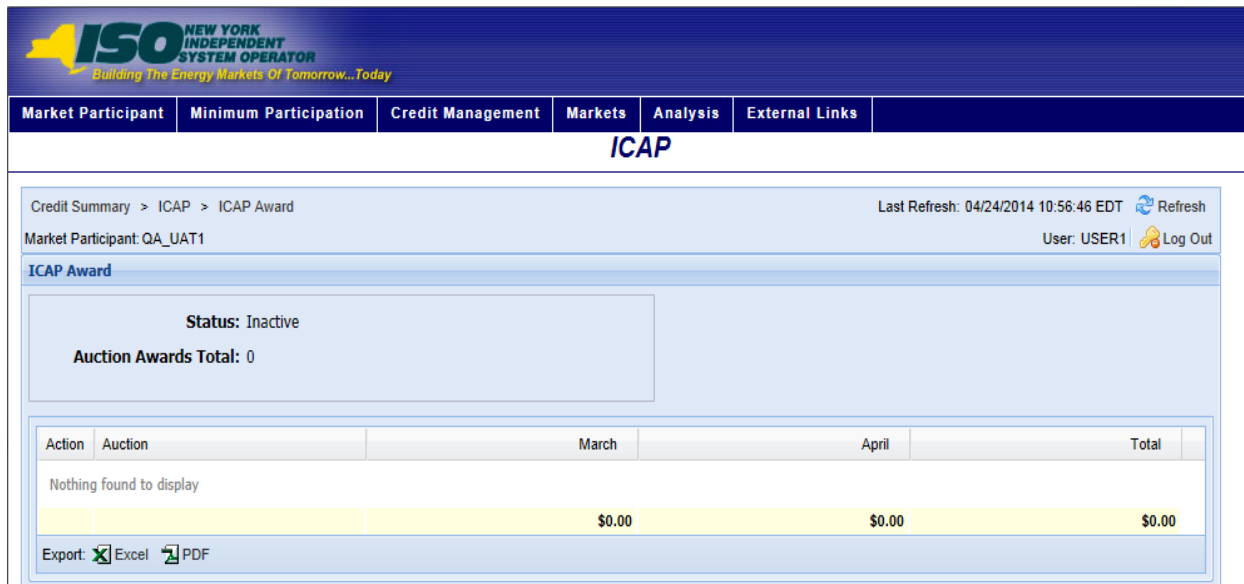
Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
MCP Margin Price	The Market Clearing Price with the margin applied by Location.	N	N	The MCP multiplied by the Margin %.
Reference Price	ICAP assigned reference price for the region.	N	N	
Spot Percentage	ICAP assigned Spot percentage for that Location.	N	N	
Location Price	Price used for the Location.	N	N	Lower of the MCP Margin Price or the Reference Price.
Total Excess Exposure	The total excess exposure across all Locations.	N	N	Sum of Excess Exposure for all Locations.
Total Deficiency Exposure	The total deficiency exposure across all Locations.	N	N	Sum of Deficient Exposure for all Locations.
Total Zero Dollar Offer Exposure	Total zero dollar offer exposure.	N	N	Sum of Zero Dollar Offer Exposure for all Locations.
Total Exposure	Sum of Total Excess, Total Deficiency, and Total Zero Dollar Offer Exposure.	N	N	Sum of Total Excess Exposure plus Total Deficiency Exposure plus Total Zero Dollar Offer Exposure.
Available Credit	Amount of available credit after subtracting the Total Exposure.	N	N	Allocated credit minus Total Exposure.
Amount Deficient	Amount of credit required in addition to the credit currently allocated.	N	N	Lower of Available Credit or \$0.
Required MWs	Number of MW that are required by location.	N	N	
Deficiency MWs	Number of MW that are deficient by Location.	N	N	Required MWs minus Purchased MW.
Zero Dollar Offer MWs	Number of MW offered at zero dollars.	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Excess Exposure	Excess MWs exposure by Location.	N	N	Required MW * 1,000* 1/2 Spot Percentage *Location Price
Deficiency Exposure	Deficient MWs exposure by Location.	N	N	Deficient MW * 1,000*Location Price
Zero Dollar Offer Exposure	Zero Dollar Offer exposure by location.	N	N	Zero Dollar Offer MW * 1,000*Location Price

6.2.3. Viewing ICAP Awards

The ICAP Awards page provides a current snapshot view of the information used to calculate the MP's ICAP Auction Award exposure.

Figure M28: ICAP Awards Page



The screenshot shows the ICAP Awards page. At the top, there is a navigation menu with the following items: Market Participant, Minimum Participation, Credit Management, Markets, Analysis, and External Links. The 'ICAP' link is highlighted. Below the navigation menu, the page title is 'ICAP'. The main content area shows the following information:

- Credit Summary > ICAP > ICAP Award
- Last Refresh: 04/24/2014 10:56:46 EDT
- Market Participant: QA_UAT1
- User: USER1
- Log Out

The 'ICAP Award' section displays:

- Status: Inactive
- Auction Awards Total: 0

Below this, there is a table with the following columns: Action, Auction, March, April, and Total. The table shows 'Nothing found to display' and a row with values '\$0.00', '\$0.00', and '\$0.00'. At the bottom, there are 'Export' options for Excel and PDF.

Pre-requisite

The user has accessed the ICAP Credit Requirements Summary page as outlined under Section 6.2, beginning on page [71](#).

 **To view the ICAP Award page**

On the ICAP Credit Requirements Summary page, click the *Auction Awards (Sales)/Purchases* value hyperlink

Note: This is the only means of accessing the ICAP Award page.

The system displays the ICAP Award page

Figure M29: Page Hyperlink to ICAP Award Page

Figure M30: ICAP Award Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Status	The status of the MP in the ICAP Market.	N	N	Active Inactive Suspended

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Auction Awards Total	The amount of Auction Award Exposure the MP has based on its outstanding auction awards.	N	N	
Action	Displays details about the award	N	Y	
Auction	The Auction for which the MP has outstanding ICAP auction awards.	N	N	Data is sorted by this field upon entry to the page.
Months	The months for which the MP has outstanding ICAP auction awards.	N	N	
Monthly Auction Award Exposure	The amount of Auction Award Exposure for each month for which the MP has outstanding ICAP auction awards.	N	N	
Total Row	Totals for all months in the row.	N	N	
Total Columns	Monthly totals for all auctions.	N	N	

Figure M31: ICAP Award Details Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant Name	The name of the MP selected.	N	N	
Auction	Auction Selected	N	N	
Bid Month	Bid Month for Auction Selected	N	N	
Location	ICAP locality	N	N	LI NYC ROS GHI
Purchase/Sale	Type of auction award	N	N	Purchase Sale

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Award ID	Unique identifier for each ICAP award	N	N	
MWs	MWs awarded	N	N	
Price KW/\$	Price per KW	N	N	
Obligation(MW) Purchase/(Sale)	Amount of holding requirement on the ICAP award	N	N	

6.2.4. Viewing ICAP Adjustments

The ICAP Adjustments page provides a current snapshot view of the information used to calculate the MP's ICAP Adjustment exposure.

Figure M32: ICAP Adjustments Page



The screenshot displays the ICAP Adjustments page. At the top, there is a navigation bar with the ISO logo and the text 'NEW YORK INDEPENDENT SYSTEM OPERATOR Building The Energy Markets Of Tomorrow...Today'. Below the navigation bar, there are several tabs: 'Market Participant', 'Minimum Participation', 'Credit Management', 'Markets', 'Analysis', and 'External Links'. The 'ICAP' tab is currently selected. The main content area shows a breadcrumb trail: 'Credit Summary > ICAP > ICAP Adjustments'. On the right side, there is a 'Last Refresh' timestamp of '04/24/2014 10:56:46 EDT' and a 'Refresh' button. Below this, the 'Market Participant' is identified as 'QA_UAT1' and the user is 'USER1' with a 'Log Out' button. The main section is titled 'ICAP Adjustments' and contains a status box with 'Status: Inactive' and 'Adjustments Total: 0'. Below the status box is a table with the following data:

Adjustment Type	Adjustment Amount
Adjustments	\$0.00
Forecasted Load Shift	\$0.00
True up Load Shift	\$0.00
Supplemental	\$0.00

At the bottom of the table, there are 'Export' options for 'Excel' and 'PDF'.

Pre-requisite

The user has accessed the ICAP Credit Requirements Summary page as outlined under Section 6.2, beginning on page [71](#).

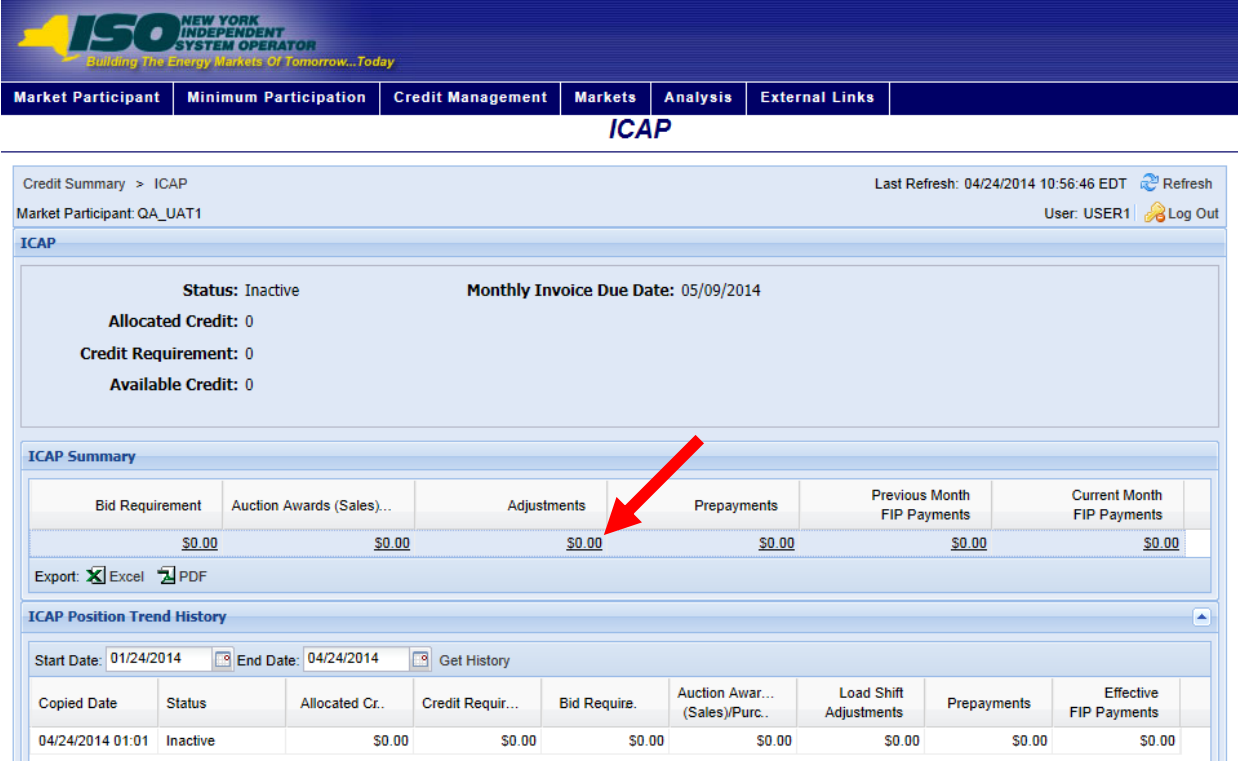
 **To view the ICAP Adjustments page**

On the ICAP Credit Requirements Summary page, click the *Adjustments* value hyperlink.

Note: This is the only means of accessing the ICAP Adjustments page.

The system displays the ICAP Adjustments page.

Figure M33: Hyperlink to ICAP Adjustments Page



Credit Summary > ICAP Last Refresh: 04/24/2014 10:56:46 EDT Refresh

Market Participant: QA_UAT1 User: USER1 Log Out

ICAP

Status: Inactive Monthly Invoice Due Date: 05/09/2014

Allocated Credit: 0

Credit Requirement: 0

Available Credit: 0

ICAP Summary

Bid Requirement	Auction Awards (Sales)...	Adjustments	Prepayments	Previous Month FIP Payments	Current Month FIP Payments
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Export: Excel PDF

ICAP Position Trend History

Start Date: 01/24/2014 End Date: 04/24/2014 Get History

Copied Date	Status	Allocated Cr.	Credit Requir...	Bid Require.	Auction Awar... (Sales)/Purc..	Load Shift Adjustments	Prepayments	Effective FIP Payments
04/24/2014 01:01	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Figure M34: ICAP Adjustment Exposure Field Definitions

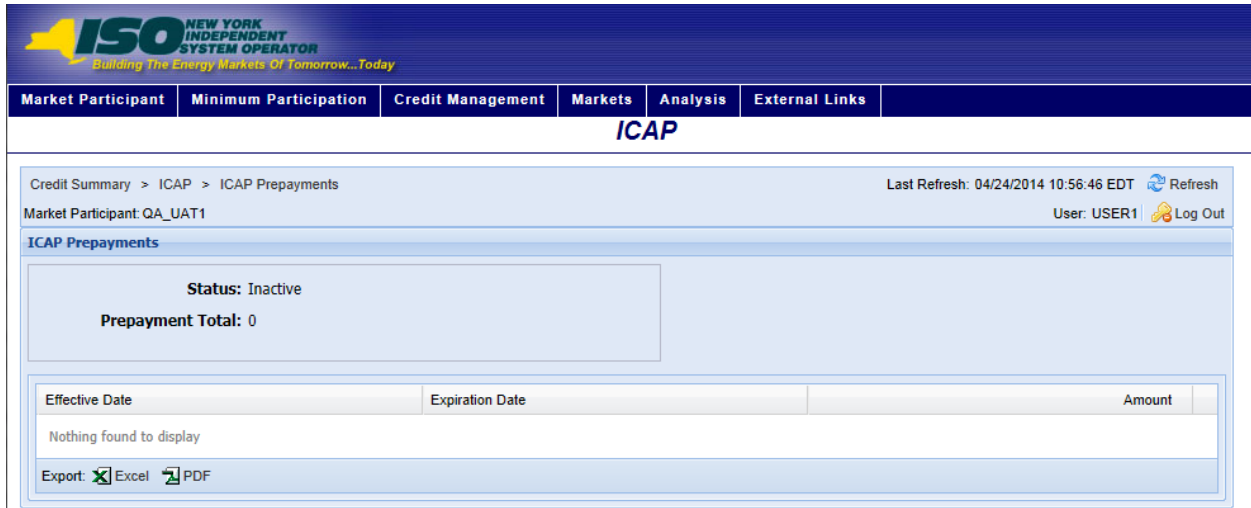
Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Status	The status of the MP in the ICAP Market.	N	N	Active Inactive Suspended
Adjustment Total	Total amounts of adjustments	N	N	
Adjustment Type	The valid adjustment types.	N	N	Adjustments Forecasted Load Shift Supplemental

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
				True-up Load Shift Data is sorted by this field upon entry to the page.
Adjustment Amount	The amount of each adjustment type.	N	N	

6.2.5. Viewing ICAP Prepayments

The ICAP Prepayments page provides a current snapshot view of the ICAP Prepayments made by the MP.

Figure M35: ICAP Prepayments Page



Pre-requisite

The user has accessed the ICAP Credit Requirements Summary page as outlined under Section 6.2, beginning on page [71](#).

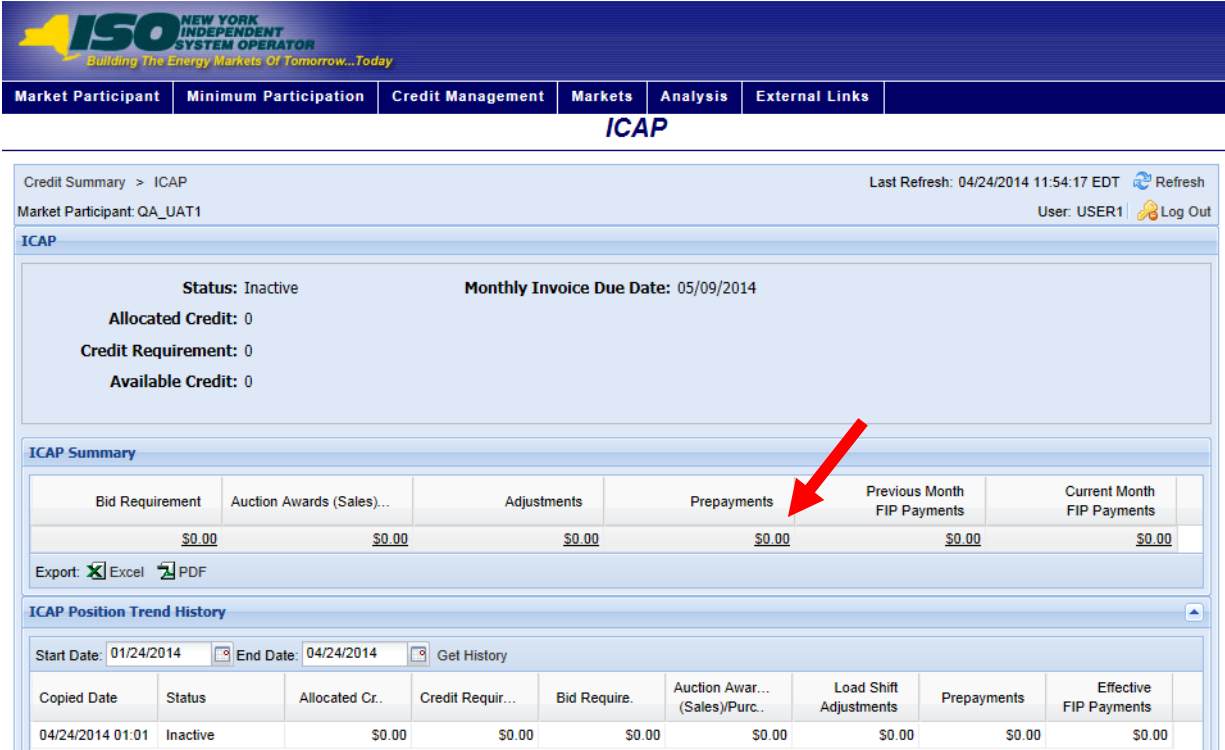
To view the ICAP Prepayments page

On the ICAP Credit Requirements Summary page, click the *Prepayments* value hyperlink.

Note: This is the only means of accessing the ICAP Prepayments page.

The system displays the ICAP Prepayments page.

Figure M36: Hyperlink to ICAP Prepayments Page



Credit Summary > ICAP Last Refresh: 04/24/2014 11:54:17 EDT Refresh

Market Participant: QA_UAT1 User: USER1 Log Out

ICAP

Status: Inactive Monthly Invoice Due Date: 05/09/2014

Allocated Credit: 0

Credit Requirement: 0

Available Credit: 0

ICAP Summary

Bid Requirement	Auction Awards (Sales)...	Adjustments	Prepayments	Previous Month FIP Payments	Current Month FIP Payments
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Export: Excel PDF

ICAP Position Trend History

Start Date: 01/24/2014 End Date: 04/24/2014 Get History

Copied Date	Status	Allocated Cr.	Credit Requir...	Bid Require.	Auction Awar... (Sales)/Purc..	Load Shift Adjustments	Prepayments	Effective FIP Payments
04/24/2014 01:01	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

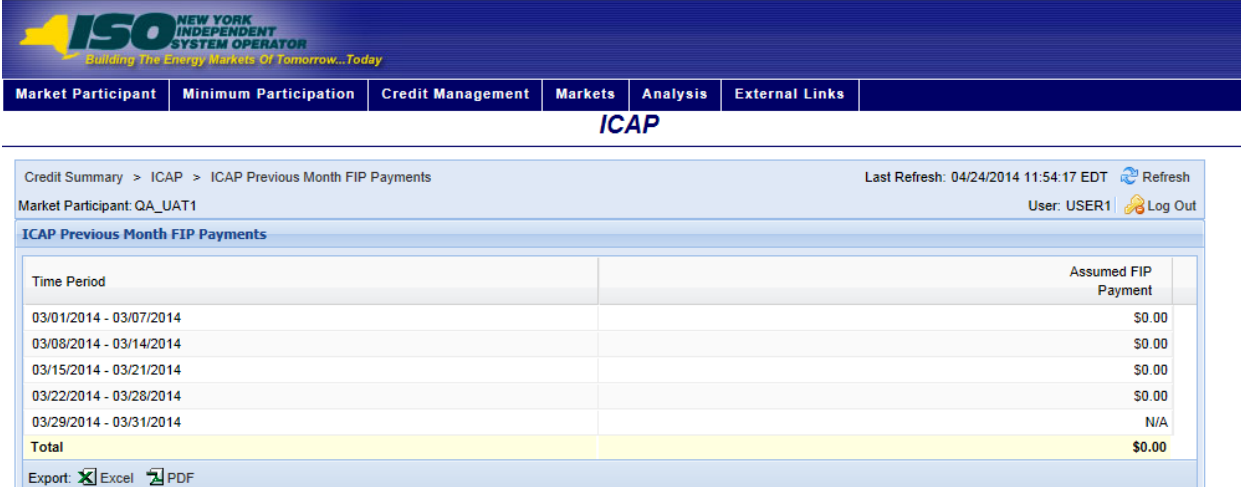
Figure M37: ICAP Prepayments Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Status	The status of the MP in the ICAP Market.	N	N	Active Inactive Suspended
Prepayment Total	The amount of ICAP Prepayments that have not been settled.	N	N	
Effective Date	The date that the ICAP Prepayment was received.	N	N	Data is sorted by this field upon entry to the page.
Expiration Date	The date that the ICAP Prepayment is to be applied to the invoice.	N	N	
Amount	The amount of the ICAP Prepayment received.	N	N	

6.2.6. Viewing ICAP FIP Payments

The ICAP FIP Payment page provides a current snapshot view of the assumed FIP Payments for either the Prior or Current Month.

Figure M38: Assumed FIP Payments Page



Time Period	Assumed FIP Payment
03/01/2014 - 03/07/2014	\$0.00
03/08/2014 - 03/14/2014	\$0.00
03/15/2014 - 03/21/2014	\$0.00
03/22/2014 - 03/28/2014	\$0.00
03/29/2014 - 03/31/2014	N/A
Total	\$0.00

Pre-requisite

The user has accessed the ICAP page as outlined under Section 6.2.

To view the ICAP FIP Payments Page

On the ICAP Summary page, click the *Previous Month FIP Payments* or the *Current Month FIP Payments* value hyperlink.

Note: These are the only means of accessing the ICAP FIP Payments page.

The system displays the ICAP FIP Payments page

Figure M39: Links to ICAP FIP Payments Page

Figure M40: ICAP FIP Payments Field Definitions


Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Time Period	The time period to which the payment was applied	N	N	
Assumed FIP Payment	The weekly invoice payment applied to the time period	N	N	
Total	The sum total of displayed Assumed FIP Payments	N	N	

6.3. Viewing TCC Requirements

The TCC Credit Requirements Summary page provides a current snapshot view of an MP's TCC Credit Requirements.

The page contains hyperlinks that allow the user to view the details of the MP's TCC exposure by Auction, Auction Round, and individual TCC.

Figure M41: TCC Credit Requirements Summary Page



Credit Management System
TCC Market

Market Participant: QA UAT | Last Refresh: 09/15/2021 12:39:15 EDT | Refresh | User: qa_uat | Log Out

TCC Summary

Bid/Offer Requirement	Award Payment Obligation	Auction Obligation (Part A)	Balance Of Margin Call Payments	Prepayments	Previous Month Unsettled Activity	Current Month Unsettled Activity
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Export: Excel

TCC Position History

From Date: 06/17/2021 | To Date: 09/15/2021 | Get History

Copied Date	Status	Allocated Credit	Credit Requirement	Award Payment Obligation	Bid/Offer Requirement	Auction Obligation (Part A)	Effective Margin Call Payments	Prepayments
09/15/2021 01:01:24 EDT	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
09/14/2021 01:01:18 EDT	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
09/13/2021 01:01:23 EDT	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
09/12/2021 01:01:19 EDT	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
09/11/2021 01:01:55 EDT	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
09/10/2021 01:01:20 EDT	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

 **To view the TCC Credit Requirements Summary page**

1. From the **Markets** menu, choose the **TCC** option.

The system displays the TCC Credit Requirements Summary page.

Note: The TCC Credit Requirements Summary page can also be accessed from the Credit Summary page by clicking the line representing the *Transmission Congestion Contracts (TCC)* market listing or from any other TCC page by clicking the **TCC** hyperlink in the breadcrumb trail.

Figure M42: TCC Credit Requirements Summary Menu Option

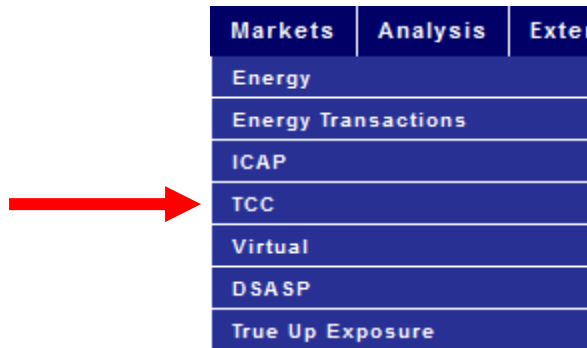


Figure M43: Hyperlink to TCC Credit Requirements Summary Page from Credit Summary

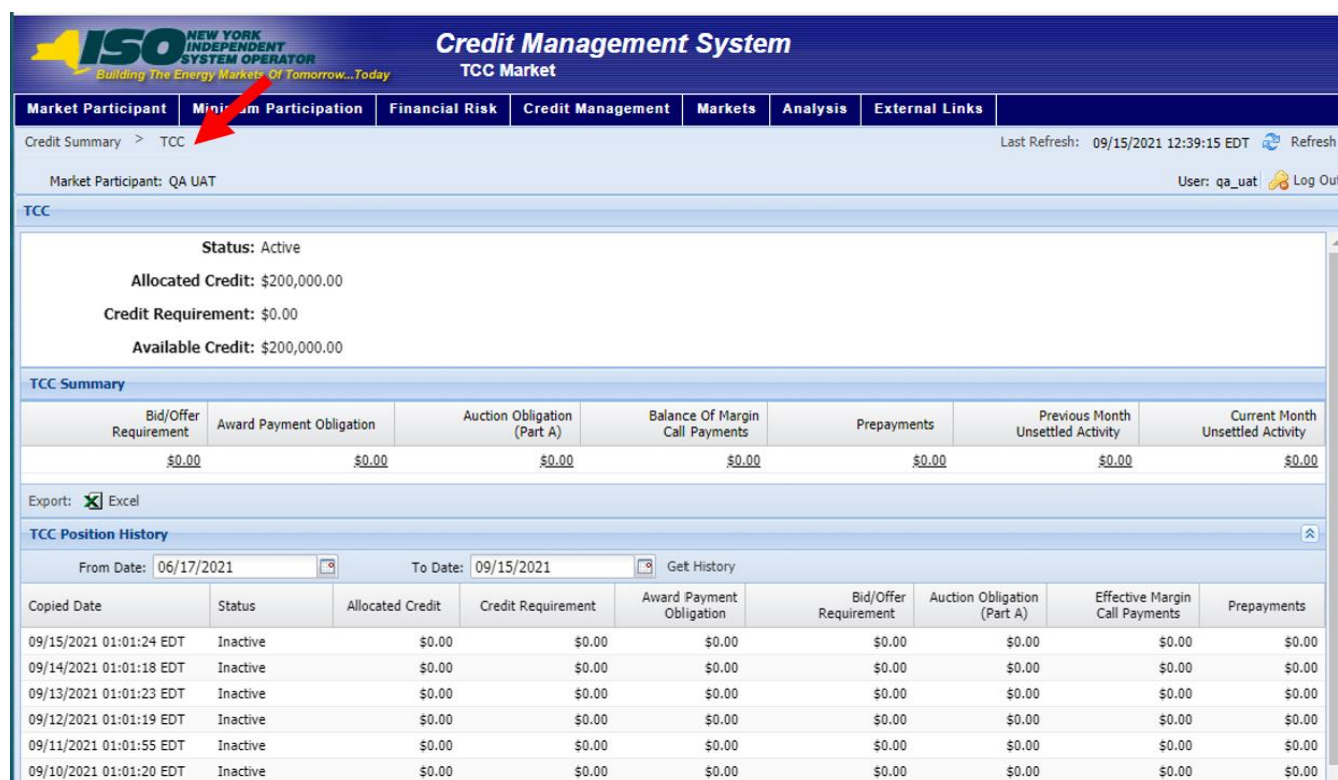
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Credit Management System

Credit Summary

Market Participant	Minimum Participation	Credit Management	Markets	Analysis	External Links
Credit Summary					
Market Participant: QA_TEST			Last Refresh: 02/21/2020 12:48:52 EST Refresh		
User: qa_user Log Out					
Credit Summary					
Posted Credit:	\$5,750,000.00	Concentration Cap:	\$50,000,000.00		
Unallocated Credit:	\$2,000,000.00	Adjusted Unsecured Baseline:	\$750,000.00		
Secured Credit:	\$5,000,000.00	Capped Unsecured Baseline:	\$750,000.00		
Unsecured Credit:	\$750,000.00				
You have open Credit Requests View					
Edit Allocation					
Market / Program	Status	Credit Allocated	Credit Requirement	Credit Available	Open Credit Calls
Energy / Ancillary Services	Active	\$1,000,000.00	\$0.00	\$1,000,000.00	1
True Up Exposure		\$0.00	\$0.00	\$0.00	
Energy Transactions	Active	\$50,000.00	\$0.00	\$50,000.00	
Unsecured Capacity (ICAP)	Active	\$600,000.00	\$0.00	\$600,000.00	
Transmission Congestion Contract (TCC)	Active	\$2,000,000.00	\$0.00	\$2,000,000.00	
Virtual Transactions	Active	\$100,000.00	\$0.00	\$100,000.00	
Wholesale Transmission Service Charges (WTSC)		\$0.00	\$0.00	\$0.00	
Day Ahead Demand Response Program (DADRP)	Active	\$0.00	\$0.00	\$0.00	
Demand Side Ancillary Services Program (DSASP)	Active	\$0.00	\$0.00	\$0.00	
Export: Excel PDF					
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Figure M44: TCC Credit Requirements Summary Hyperlink in a Breadcrumb Trail



Credit Management System
TCC Market

Market Participant: QA UAT

Market Participant: QA UAT

Status: Active

Allocated Credit: \$200,000.00

Credit Requirement: \$0.00

Available Credit: \$200,000.00

Bid/Offer Requirement	Award Payment Obligation	Auction Obligation (Part A)	Balance Of Margin Call Payments	Prepayments	Previous Month Unsettled Activity	Current Month Unsettled Activity
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Export: Excel

Copied Date	Status	Allocated Credit	Credit Requirement	Award Payment Obligation	Bid/Offer Requirement	Auction Obligation (Part A)	Effective Margin Call Payments	Prepayments
09/15/2021 01:01:24 EDT	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
09/14/2021 01:01:18 EDT	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
09/13/2021 01:01:23 EDT	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
09/12/2021 01:01:19 EDT	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
09/11/2021 01:01:55 EDT	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
09/10/2021 01:01:20 EDT	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Figure M45: TCC Credit Requirements Summary Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Status	The status of the MP in the TCC Market.	N	N	Active Inactive Suspended
Allocated Credit	The amount of Posted Credit allocated to the TCC Market.	N	N	
Credit Requirement	The calculated Credit Requirement for the MP for the TCC Market.	N	N	See Tariff for calculation.
Available Credit	The amount that the Allocated Credit exceeds the Credit Requirement.	N	N	Allocated Credit minus Credit Requirement.

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Bid/Offer Requirement	The total amount of accepted bid / offer exposure the MP has for all open TCC auctions.	N	Y	Hyperlink to the TCC Auction page
Award Payment Obligation	The total amount owed to or by the MP as payment for all TCCs awarded in all unsettled TCC auctions.	N	Y	Hyperlink to the TCC Auction page
Auction Obligation (Part A)	The total calculated auction obligation amount for all unexpired TCCs awarded to the MP	N	Y	Hyperlink to the TCC Auction page
Balance Margin Call Payments	The amount of TCC Margin Call Payments received that have not been applied to an invoice.	N	Y	Hyperlink to the TCC Margin Call Payments page
Prepayments	Unexpired Prepayments that have been made by the MP	N	Y	Hyperlink to the Prepayments page
Previous Month Unsettled Activity	The total amount of unpaid congestion rents from the previous month	N	Y	Hyperlink to the TCC Unsettled Activity page
Current Month Unsettled Activity	The total amount of unpaid congestion rents from the current month.	N	Y	Hyperlink to the TCC Unsettled Activity page

Figure M46: TCC Position Trend History Field Definitions

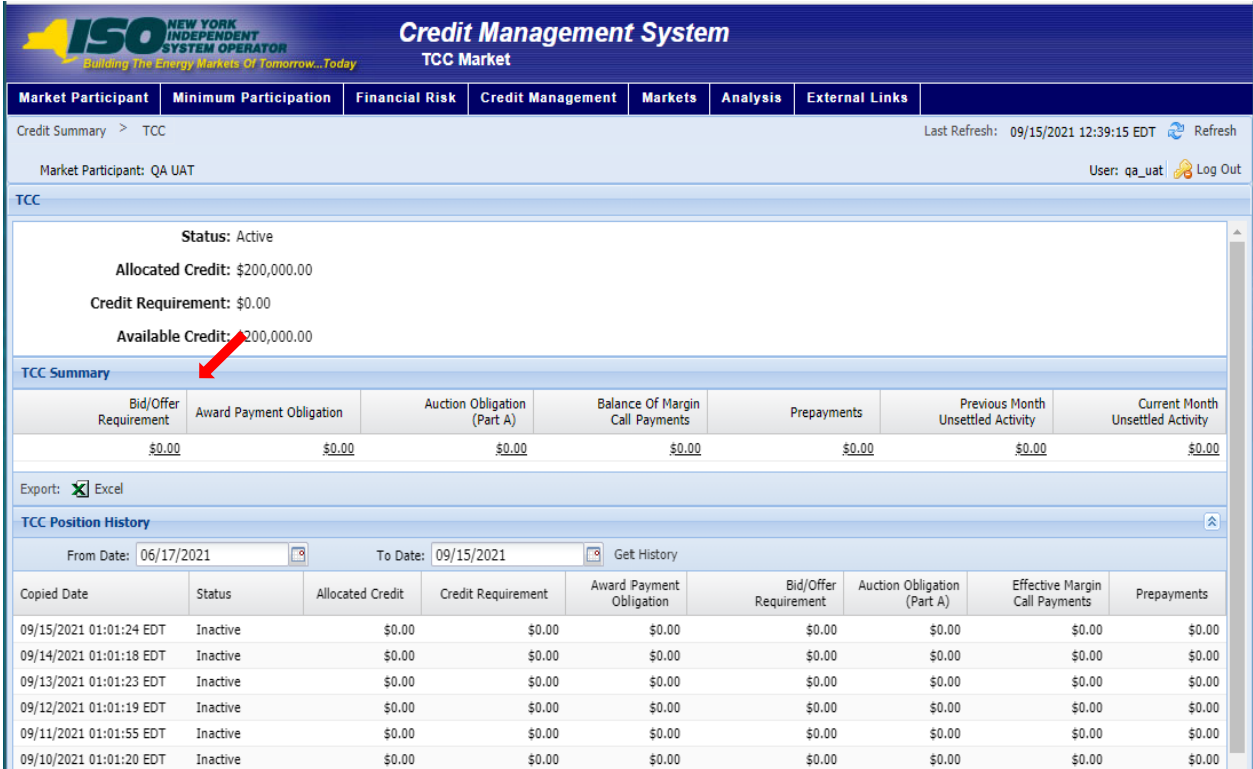
Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Start Date	Report start date	N	N	Field to enter date
End Date	Report end date	N	N	Field to enter date
Copied Date	The "As of date" for displayed market position	N	N	
Status	The status of the MP in the TCC Market as of date displayed.	N	N	Active Inactive Suspended

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Allocated Credit	The amount of Posted Credit allocated to the TCC Market as of date displayed.	N	N	
Credit Requirement	The calculated Credit Requirement for the MP for the TCC Market as of date displayed.	N	N	
Award Payment Obligation	The total amount owed to or by the MP as payment for all TCCs awarded in all unsettled TCC auctions as of the date displayed..	N	N	
Bid/Offer Requirement	The total amount of accepted bid / offer exposure the MP has for all open TCC auctions as of date displayed.	N	N	
Auction Obligation (Part A)	The total calculated auction obligation amount for all unexpired TCCs awarded to the MP as of date displayed.	N	N	
Effective Margin Call Payments	The total amount of unexpired TCC Margin Call payments	N	N	
Prepayments	Total unexpired prepayments made by the MP as of date displayed	N	N	

6.3.1. Viewing Bid/Offer Requirement

The TCC Bid/Offer Requirement page provides a current snapshot view of the TCC Bid/Offer Requirement details for all the unsettled TCC Auctions.

Figure M47: TCC Bid/Offer Requirement Page



The screenshot shows the 'Credit Management System' interface for the 'TCC Market'. At the top, there are navigation tabs: Market Participant, Minimum Participation, Financial Risk, Credit Management, Markets, Analysis, and External Links. The current page is 'Credit Summary' for market participant 'QA UAT'. The status is 'Active' with an allocated credit of \$200,000.00 and an available credit of \$200,000.00. A red arrow points to the 'Bid/Offer Requirement' link in the 'TCC Summary' table.

Bid/Offer Requirement	Award Payment Obligation	Auction Obligation (Part A)	Balance Of Margin Call Payments	Prepayments	Previous Month Unsettled Activity	Current Month Unsettled Activity
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Below the summary table is a 'TCC Position History' table with columns for Copied Date, Status, Allocated Credit, Credit Requirement, Award Payment Obligation, Bid/Offer Requirement, Auction Obligation (Part A), Effective Margin Call Payments, and Prepayments. The history shows several 'Inactive' entries from 09/10/2021 to 09/15/2021, all with zero values for the other metrics.

Pre-requisite

The user has accessed the TCC Credit Requirements Summary page as outlined under Section 6.2.5 beginning on page [85](#).

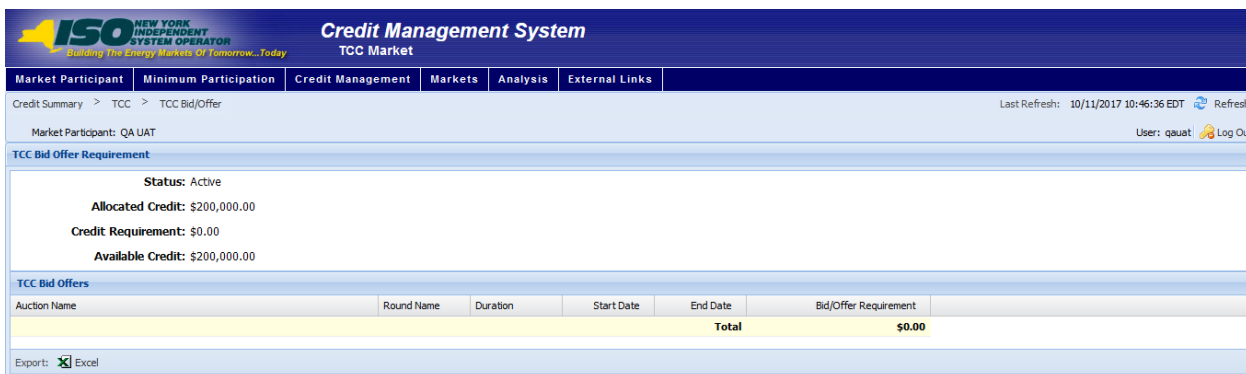
 **To view the TCC Auction page**

On the TCC Credit Requirements Summary page, click the *Bid/Offer Requirement* value hyperlink.

NOTE: This is the only means of accessing the TCC Auction page

The system displays the TCC Bid/Offer Requirement page

Figure M48: TCC Bid/Offer Requirement Field Definitions



The screenshot shows the 'Credit Management System' interface for the 'TCC Market'. The page title is 'TCC Bid Offer Requirement'. It displays the following information:

- Status:** Active
- Allocated Credit:** \$200,000.00
- Credit Requirement:** \$0.00
- Available Credit:** \$200,000.00

Below this information is a table titled 'TCC Bid Offers' with the following columns: Auction Name, Round Name, Duration, Start Date, End Date, and Bid/Offer Requirement. A 'Total' row shows a Bid/Offer Requirement of \$0.00. An 'Export' button with an Excel icon is visible at the bottom left.

Figure M49: Bid/Offer Requirement Fields

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user
Status	The status of the MP in the TCC Market.	N	N	Active Inactive Suspended
Allocated Credit	The amount of Posted Credit allocated to the TCC Market.	N	N	
Credit Requirement	The calculated Credit Requirement for the MP for the TCC Market.	N	N	System Calculated
Available Credit	The amount that the Allocated Credit exceeds the Credit Requirement.	N	N	Allocated Credit minus Credit Requirement
Auction Name	The TCC Auction Name selected	N	N	
Round Name	The round in which the Bid/Offer was accepted	N	N	
Duration	The length of the TCC	N	N	
Start Date	Start Date of the TCC	N	N	
End Date	End Date of the TCC	N	N	
Bid/Offer Requirement	Calculated Bid/Offer Requirement	N	N	System Calculated

6.3.2. Viewing TCC Auction

The TCC Auction page provides a current snapshot view of the TCC Auction details for the selected Auction.

To view the TCC Auction page

On the TCC Credit Requirements Summary page, click the *Award Payment Obligation* or *Auction Obligation (Part A)* value hyperlink.

The system displays the TCC Auction page.

Figure M50: Hyperlink to TCC Auction Page

Credit Management System
TCC Market

Market Participant: QA UAT

Status: Active
 Allocated Credit: \$200,000.00
 Credit Requirement: \$0.00
 Available Credit: \$200,000.00

Bid/Offer Requirement	Award Payment Obligation	Auction Obligation (Part A)	Balance Of Margin Call Payments	Prepayments	Previous Month Unsettled Activity	Current Month Unsettled Activity
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Export: Excel

TCC Position History

From Date: 06/17/2021 To Date: 09/15/2021 Get History

Copied Date	Status	Allocated Credit	Credit Requirement	Award Payment Obligation	Bid/Offer Requirement	Auction Obligation (Part A)	Effective Margin Call Payments	Prepayments
09/15/2021 01:01:24 EDT	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Figure M51: TCC Auction Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Auction Name	The Auction for which the MP has outstanding TCC auction awards.	N	N	
Bid/Offer	Calculated Bid/Offer Requirement	N	N	System Calculated
Auction Obligation (Part A)	The calculated auction round obligation amount for all TCCs awarded to	N	N	Sum of Higher of holding requirement and

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
	the MP for the identified TCC auction.			Award Payment Obligation by auction.

6.3.2.1. Viewing TCC Auction/Round

The TCC Auction/Round page provides a current snapshot view of the TCC Auction Rounds details for the selected Auction

Pre-requisite

The user has accessed the TCC Credit Requirements Summary page as outlined under Section [6.2.6](#) beginning on page [87](#).

To view the TCC Auction page

On the TCC Auction page, click the *green arrow* next to the Auction Name.

The system displays the TCC Auction/Round page.

Figure M52: TCC Auction/Round Field Definitions

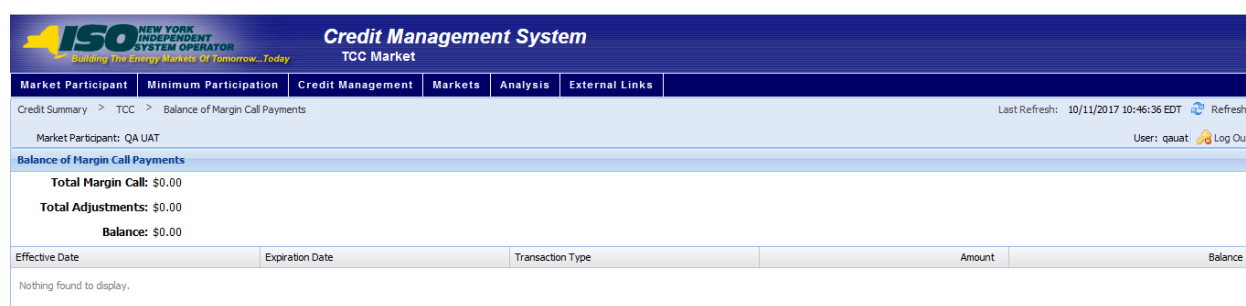
Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Status	The status of the MP in the TCC Market.	N	N	Active Inactive Suspended
Auction Name	The TCC Auction Name selected	N	N	
Duration	The duration of the TCCs sold in this Auction	N	N	
Round Name	The Auction Rounds for the Auction selected	N	N	
Bid/Offer	Calculated Bid/Offer Requirement	N	N	System calculated

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Holding Requirement	Calculated Holding Requirement			Sum of the holding requirements calculated for each TCC awarded in that round
Auction Obligation (Part A)	The calculated auction round obligation amount for all TCCs awarded to the MP for the identified TCC auction round.	N	N	Higher of holding requirement and award obligation.
Award Payment Obligation	The amount the MP owes as payment for all TCCs awarded to the MP in the identified TCC auction round.	N	N	Sum of calculated Award Payment Obligation calculated for each TCC awarded in that round
Settlement Due Date	The date that payment is due for the awarded TCCs	N	N	

6.3.3. Viewing Balance of Margin Call Payments

The Balance of Margin Call Payments page provides a current snapshot view of effective margin call payments in the TCC Market.

Figure M53: Balance of Margin Call Payments page



Effective Date	Expiration Date	Transaction Type	Amount	Balance
Nothing found to display.				



To view the Balance of Margin Call Payments page

On the TCC Credit Requirements Summary page, click the *Balance of Margin Call Payments* value hyperlink.

Note: This is the only means of accessing the Balance of Margin Call Payments page.

The system displays the Balance of Margin Call Payments.

Figure M54: Hyperlink to Balance of Margin Call Payments page

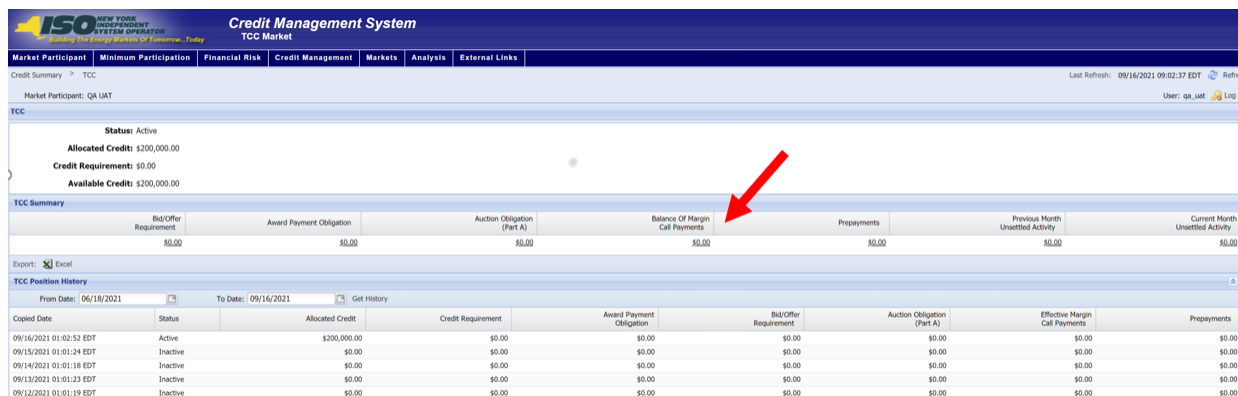


Figure M55: TCC Margin Call Payments Field Definitions

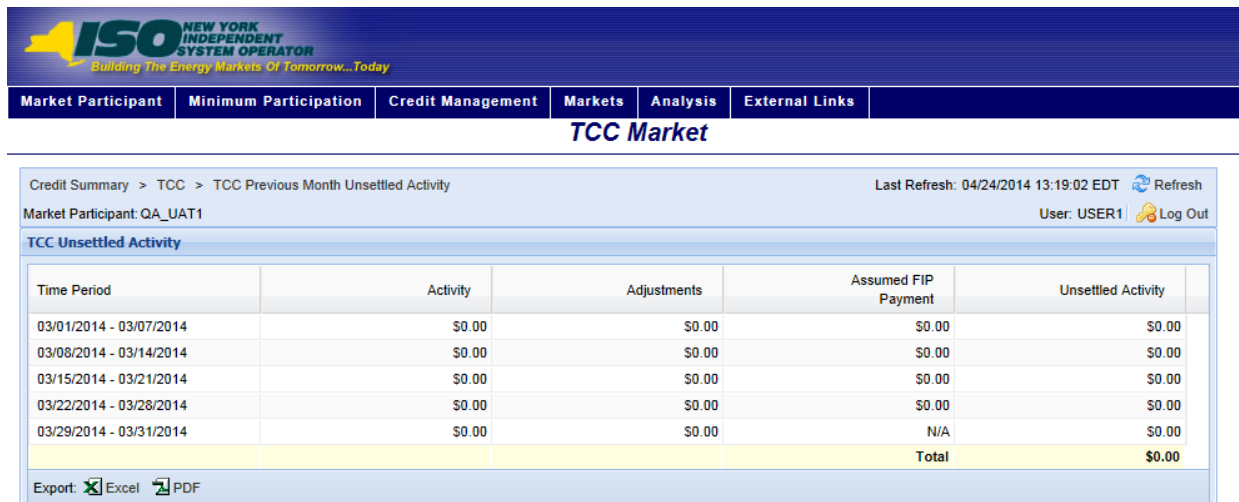
Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Total Margin Call	The sum of unexpired TCC Margin Call payments	N	N	
Total Adjustments	The amount that has been applied to outstanding invoices	N	N	
Balance	The amount of unexpired margin call payment left to be applied to outstanding invoices	N	N	Total Margin Call minus Total Adjustments
Effective Date	The date the payments were received	N	N	
Expiration Date	The date the payment expires	N	N	
Transaction Type	The type of Adjustment made	N	N	
Amount	The amount of TCC Margin Call Payment received.	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Balance	The amount of unexpired margin call payment left to be applied to outstanding invoices	N	N	

6.3.4. Viewing TCC Unsettled Activity

The TCC Unsettled Activity page provides a current snapshot view of the information used to calculate the MP's Unsettled Activity for either the Prior or Current Month.

Figure M56: TCC Unsettled Activity Page



Time Period	Activity	Adjustments	Assumed FIP Payment	Unsettled Activity
03/01/2014 - 03/07/2014	\$0.00	\$0.00	\$0.00	\$0.00
03/08/2014 - 03/14/2014	\$0.00	\$0.00	\$0.00	\$0.00
03/15/2014 - 03/21/2014	\$0.00	\$0.00	\$0.00	\$0.00
03/22/2014 - 03/28/2014	\$0.00	\$0.00	\$0.00	\$0.00
03/29/2014 - 03/31/2014	\$0.00	\$0.00	N/A	\$0.00
			Total	\$0.00

Pre-requisite

The user has accessed the TCC Credit Requirements Summary page. To view the TCC Unsettled Activity page on the TCC Credit Requirements Summary page, click the *Previous Month Unsettled Activity* or the *Current Month Unsettled Activity* value hyperlink

Note: These are the only means of accessing the TCC Unsettled Activity pages.

The system displays the TCC Unsettled Activity page.

Figure M57: Links to TCC Unsettled Activity Page

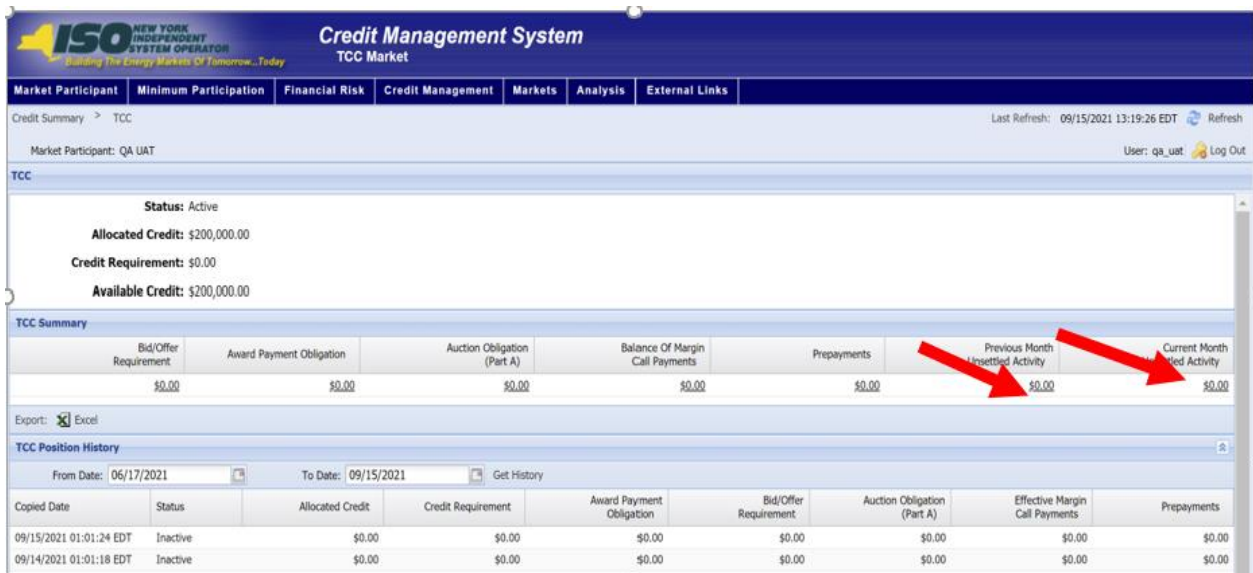


Figure M58: TCC Unsettled Activity Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Time Period	The time period to which the payment was applied	N	N	
Activity	The TCC Activity for the time period.	N	N	
Adjustments	The TCC Adjustments for the time period.	N	N	
Assumed FIP Payment	The weekly invoice payment applied to the time period	N	N	
Unsettled Activity	The TCC Unsettled Activity for the time period.	N	N	System Calculated Difference between Activity value, Adjustments, and Assumed FIP Payment value.
Total Unsettled Activity	The sum total of displayed Unsettled Activity	N	N	

6.3.5. Viewing TCC Holding Requirement By Month

The TCC Holding Requirement By Month page is a tab that can be accessed by clicking on either the Award Payment Obligation or Auction Obligation (Part A) drilldowns. This report allows the use to view their holding requirement by month as well as by TCC duration.

Figure M59: TCC Holding Requirement By Month

The screenshot displays the 'Credit Management System' interface for the 'TCC Market'. The page title is 'Credit Management System TCC Market'. The navigation menu includes 'Market Participant', 'Minimum Participation', 'Credit Management', 'Markets', 'Analysis', and 'External Links'. The breadcrumb trail is 'Credit Summary > TCC > TCC Auctions'. The user is identified as 'User: quat' and the last refresh time is '10/11/2017 11:14:14 EDT'. The 'Market Participant' is 'QA UAT'. The 'TCC Auctions' section is active, and the 'TCC Holding Requirement By Month' tab is selected. The status is 'Active', with a 'Capability Period Start Date' of '05/01/2017' and a 'Capability Period End Date' of '10/31/2017'. Three tables are displayed, each showing a 'Total' holding requirement of '\$0.00':

TCC Holding Requirement By Month		
Action	Start Date	Holding Requirement
Total		\$0.00

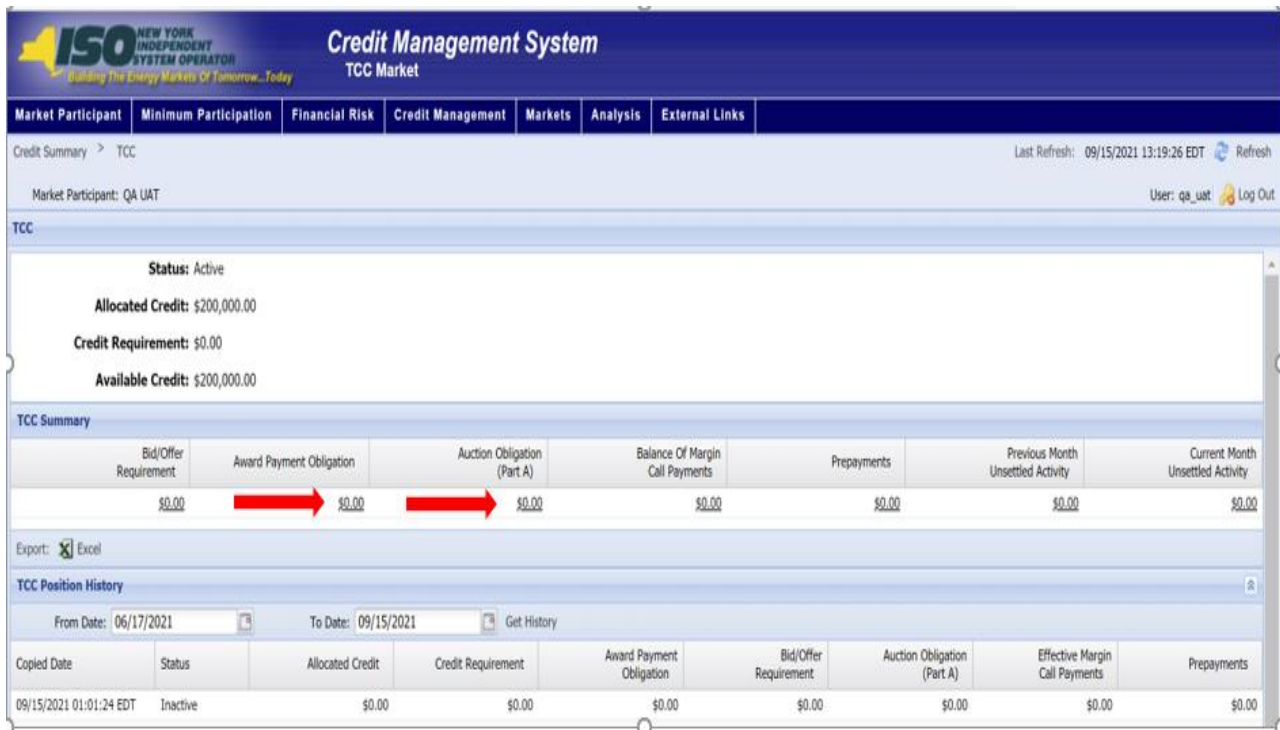
TCC Holding Requirement By Future Six Month		
Action	Start Date	Holding Requirement
Total		\$0.00

TCC Holding Requirement By Future One Year		
Action	Start Date	Holding Requirement
Total		\$0.00

At the bottom, there is an 'Export' option with a checked box for 'Excel'.

The system displays the TCC Holding Requirement By Month page

Figure M60: Links to TCC Holding Requirement By Month Page



Credit Management System
TCC Market

Market Participant: QA UAT

TCC

Status: Active
 Allocated Credit: \$200,000.00
 Credit Requirement: \$0.00
 Available Credit: \$200,000.00

Bid/Offer Requirement	Award Payment Obligation	Auction Obligation (Part A)	Balance Of Margin Call Payments	Prepayments	Previous Month Unsettled Activity	Current Month Unsettled Activity
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Export: Excel

TCC Position History

From Date: 06/17/2021 To Date: 09/15/2021 Get History

Copied Date	Status	Allocated Credit	Credit Requirement	Award Payment Obligation	Bid/Offer Requirement	Auction Obligation (Part A)	Effective Margin Call Payments	Prepayments
09/15/2021 01:01:24 EDT	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Figure M61: TCC Holding Requirement By Month page Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Status	The status of the MP in the TCC Market.	N	N	
Capability Period Start Date	The start of the current capability period	N	N	
Capability Period End Date	The end of the current capability period	N	N	
For all Durations: By Month, By Future Six Month, By Future One Year				
Action	Green arrow takes user to TCC Transactions Search page	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Start Date	Start Date of the TCC	N	N	
Holding Requirement	Calculated Holding Requirement by Month	N	N	System Calculated
Total	Total Holding Requirement	N	N	

6.3.6. Viewing TCC Transactions Search page

The TCC Transactions Search page is a tab that can be accessed by clicking on either the Award Payment Obligation or Auction Obligation (Part A) drilldowns. This report allows the use to view their individual TCC details.

The system displays the TCC Transactions Search page

Figure M62: TCC Transactions Search page

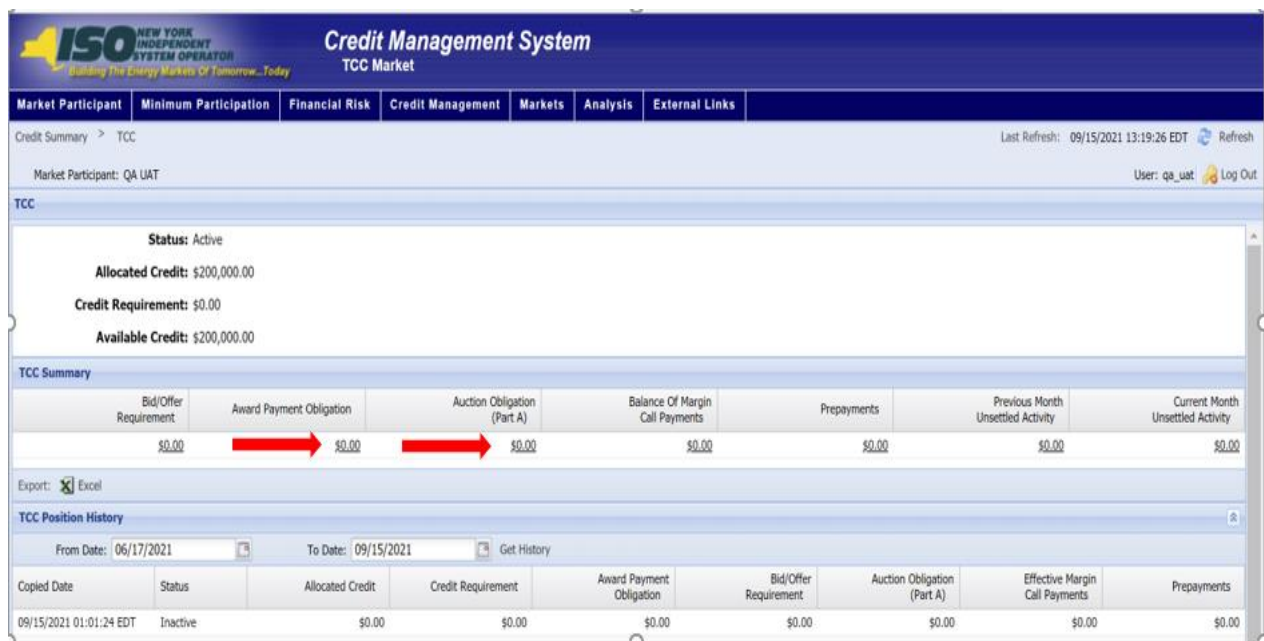


Figure M63: TCC Transactions Search page Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Search Parameters:				

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Active Duration	The current duration of the TCCs being displayed	N	N	
TCC ID	Internal identification number assigned to the TCC when it is awarded	N	N	
Start Date	Start date of the segment being viewed	N	N	
Body of Report:				
TCC ID	Internal identification number assigned to the TCC when it is awarded	N	N	
Auction Name	The TCC Auction Name	N	N	
Round Name	The Round Name	N	N	
Duration	The duration of the originally awarded TCC	N	N	
Active Duration	The segment of the TCC being viewed	N	N	
Start Date	The start date of the segment being viewed	N	N	
End Date	The end date of the segment being viewed	N	N	
Settlement Date	The date that payment is due for the awarded TCCs	N	N	
POI	Point of Injection	N	N	
POW	Point of Withdrawal	N	N	
TCC Type		N	N	
MWs		N	N	
Price		N	N	
Holding Requirement	Calculated holding requirement ¹	N	N	System calculated

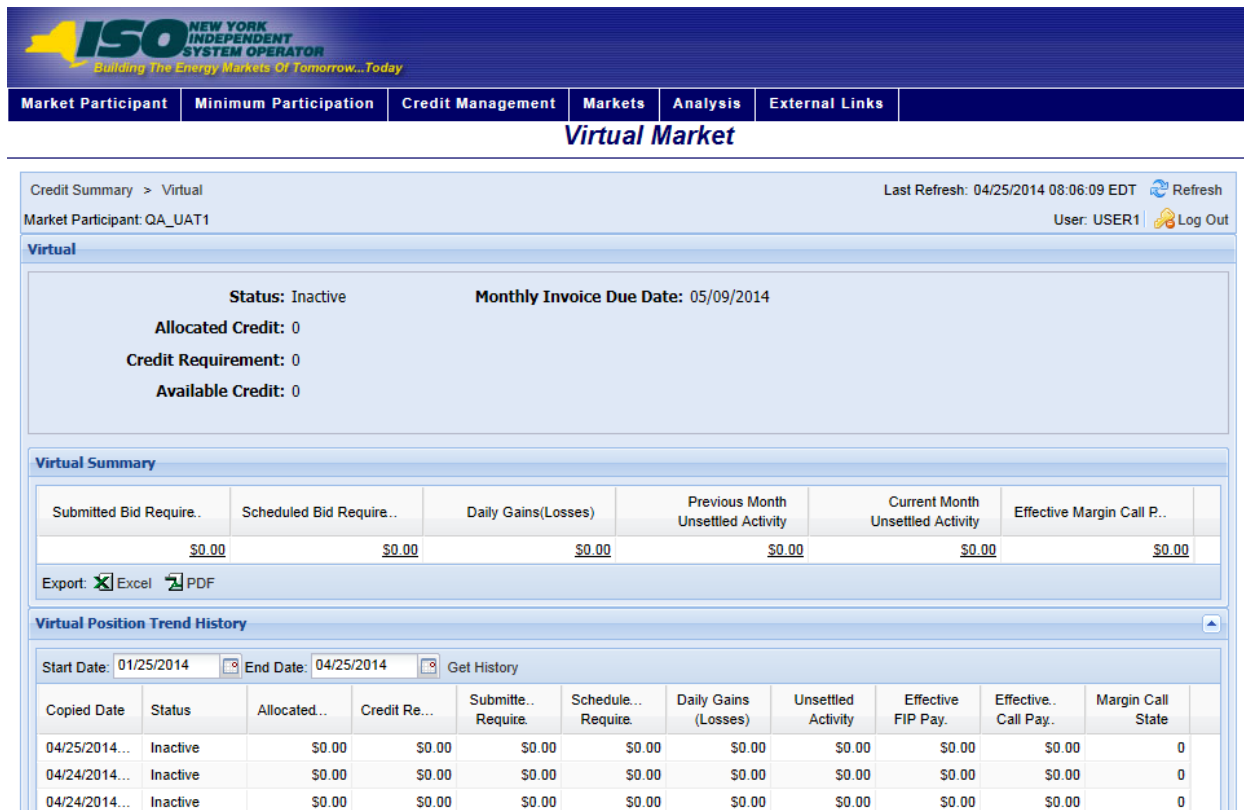
Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Total	Sum of Holding Requirement for the selected Active Duration	N	N	

6.4. Viewing Virtual Requirements

The Virtual Credit Requirements Summary page provides a current snapshot view of an MP's Virtual Credit Requirements.

The page contains hyperlinks that allow the user to view the details of the MP's Submitted Bids, Scheduled Bids, Daily Gains and Losses, Previous Month Unsettled Activity, Current Month Unsettled Activity, and Effective Margin Call Payments.

Figure M64: Virtual Credit Requirements Summary Page



The screenshot shows the 'Virtual Market' interface. At the top, there is a navigation bar with the ISO logo and the text 'NEW YORK INDEPENDENT SYSTEM OPERATOR Building The Energy Markets Of Tomorrow...Today'. Below this is a menu bar with options: Market Participant, Minimum Participation, Credit Management, Markets, Analysis, and External Links. The main content area is titled 'Virtual Market' and includes a breadcrumb 'Credit Summary > Virtual'. It displays the market participant 'QA_UAT1' and the user 'USER1'. The status is 'Inactive' with a 'Monthly Invoice Due Date: 05/09/2014'. Key metrics shown are: Allocated Credit: 0, Credit Requirement: 0, and Available Credit: 0. A 'Virtual Summary' table shows Submitted Bid Require., Scheduled Bid Require., Daily Gains(Losses), Previous Month Unsettled Activity, Current Month Unsettled Activity, and Effective Margin Call P., all with values of \$0.00. Below this is a 'Virtual Position Trend History' table with columns for Copied Date, Status, Allocated..., Credit Re..., Submitt... Require., Schedule... Require., Daily Gains (Losses), Unsettled Activity, Effective FIP Pay., Effective Call Pay., and Margin Call State. The history table shows three entries for dates 04/25/2014, 04/24/2014, and 04/24/2014, all with an 'Inactive' status and zero values for all other metrics.

To view the Virtual Credit Requirements Summary page

From the **Markets** menu, choose the **Virtual** option

The system displays the Virtual Credit Requirements Summary page The Virtual Credit Requirements Summary page can also be accessed from the Credit Summary page by clicking the line representing the *Virtual* market listing or from any other Virtual page by clicking the **Virtual** hyperlink in the breadcrumb trail.

Figure M65: Virtual Credit Requirements Summary Menu Option

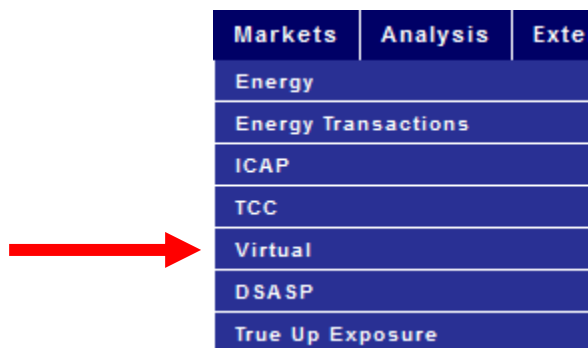


Figure M66: Hyperlink to Virtual Credit Requirements Summary Page from Credit Summary Page

Credit Management System
Credit Summary

Market Participant: QA_TEST Last Refresh: 02/21/2020 12:48:52 EST Refresh User: qa_user Log Out

Credit Summary

Posted Credit:	\$5,750,000.00	Concentration Cap:	\$50,000,000.00
Unallocated Credit:	\$2,000,000.00	Adjusted Unsecured Baseline:	\$750,000.00
Secured Credit:	\$5,000,000.00	Capped Unsecured Baseline:	\$750,000.00
Unsecured Credit:	\$750,000.00		

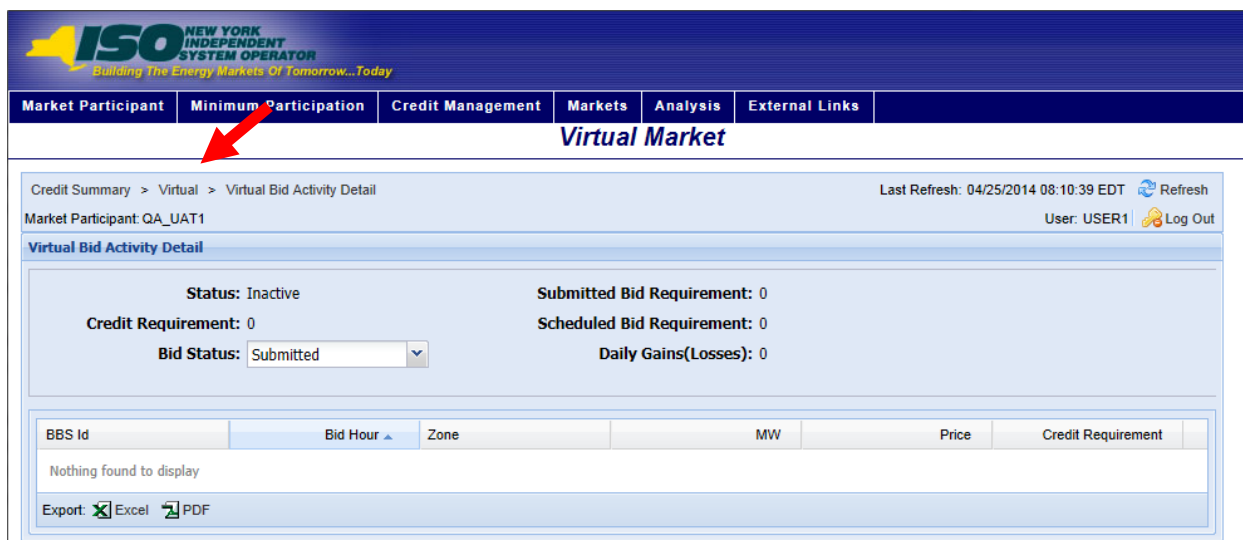
You have open Credit Requests [View](#)

Market / Program	Status	Credit Allocated	Credit Requirement	Credit Available	Open Credit Calls
Energy / Ancillary Services	Active	\$1,000,000.00	\$0.00	\$1,000,000.00	1
True Up Exposure		\$0.00	\$0.00	\$0.00	
Energy Transactions	Active	\$50,000.00	\$0.00	\$50,000.00	
Installed Capacity (ICAP)	Active	\$600,000.00	\$0.00	\$600,000.00	
Transmission Congestion Contract (TCC)	Active	\$2,000,000.00	\$0.00	\$2,000,000.00	
Virtual Transactions	Active	\$100,000.00	\$0.00	\$100,000.00	
Wholesale Transmission Service Charges (WTSC)		\$0.00	\$0.00	\$0.00	
Day Ahead Demand Response Program (DADRP)	Active	\$0.00	\$0.00	\$0.00	
Demand Side Ancillary Services Program (DSASP)	Active	\$0.00	\$0.00	\$0.00	

Export: Excel PDF

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Figure M67: Virtual Credit Requirements Summary Hyperlink in a Breadcrumb Trail



The screenshot shows the 'Virtual Market' interface. At the top, there is a navigation bar with the following tabs: Market Participant, Minimum Participation, Credit Management, Markets, Analysis, and External Links. A red arrow points to the 'Virtual' link in the breadcrumb trail: Credit Summary > Virtual > Virtual Bid Activity Detail. The page title is 'Virtual Market'. Below the navigation bar, there is a header section with the following information: Market Participant: QA_UAT1, Last Refresh: 04/25/2014 08:10:39 EDT, Refresh button, User: USER1, and Log Out button. The main content area is titled 'Virtual Bid Activity Detail' and contains the following information: Status: Inactive, Submitted Bid Requirement: 0, Credit Requirement: 0, Scheduled Bid Requirement: 0, Bid Status: Submitted (dropdown menu), and Daily Gains(Losses): 0. Below this information is a table with the following columns: BBS Id, Bid Hour, Zone, MW, Price, and Credit Requirement. The table is currently empty and displays 'Nothing found to display'. At the bottom of the table, there is an 'Export' section with options for Excel and PDF.

Figure M68: Virtual Credit Requirements Summary Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Status	The status of the MP in Virtual Market.	N	N	Active Inactive Suspended
Allocated Credit	The amount of Posted Credit allocated to the Virtual Market.	N	N	
Credit Requirement	The calculated Credit Requirement for the MP for the Virtual Market.	N	N	System calculated
Available Credit	The amount that the Allocated Credit exceeds the Credit Requirement.	N	N	Allocated Credit minus Credit Requirement.
Monthly Invoice Due Date	The date the upcoming monthly invoice is due	N	N	
Submitted Bid Requirement	The calculated amount of exposure from the active submitted Virtual bids for the MP.	N	Y	Hyperlink to the Virtual Bid Activity Detail page.

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Scheduled Bid Requirement	The calculated amount of exposure from the active scheduled Virtual bids for the MP.	N	Y	Hyperlink to the Virtual Bid Activity Detail page.
Daily Gains / (Losses)	The total gains and losses accrued by the MP for all completed hours that are between the current time and the last hour included in the most recent daily bill.	N	Y	Hyperlink to the Virtual Bid Activity Detail page.
Previous Month Unsettled Activity	The total amount of unsettled Virtual awards from the previous month used in calculating the Virtual Market Credit Requirement.	N	Y	Hyperlink to the Virtual Unsettled Activity page.
Current Month Unsettled Activity	The total amount of unsettled Virtual awards from the current month used in calculating the Virtual Market Credit Requirement.	N	Y	Hyperlink to the Virtual Unsettled Activity page.
Effective Margin Call Payments	The total amount of unexpired margin call payments received that have not been settled.	N	Y	Hyperlink to the Virtual Margin Call Payments page.

Figure M69: Virtual Position Trend History Field Definitions

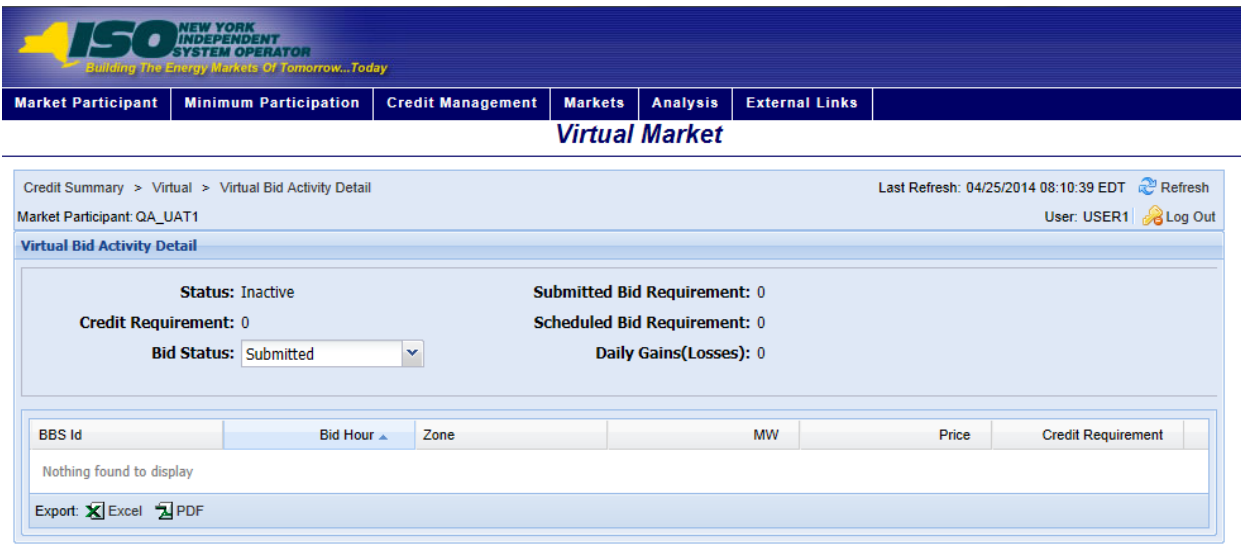
Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Start Date	Report start date	N	N	Field to enter date
End Date	Report end date	N	N	Field to enter date
Copied Date	The "As of date" for displayed market position	N	N	
Status	The status of the MP in the Virtual Market as of date displayed.	N	N	Active Inactive Suspended
Allocated Credit	The amount of Posted Credit allocated to the	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
	Virtual Market as of date displayed.			
Credit Requirement	The calculated Credit Requirement for the MP for the Virtual Market as of date displayed.	N	N	
Submitted Bid Requirement	The calculated amount of exposure from the active submitted Virtual bids for the MP as of the date displayed	N	N	
Scheduled Bid Requirement	The calculated amount of exposure from the active scheduled Virtual bids for the MP as of the date displayed	N	N	
Daily Gains (Losses)	The total gains and losses accrued by the MP for all completed hours that are between the time the report was captured and the last hour included in the most recent daily bill.	N	N	
Unsettled Activity	Previous Month plus Current Month Unsettled Activity	N	N	
Effective FIP Payments	Unexpired FIP Payments	N	N	
Effective Margin Call Payments	The amount of Virtual unexpired Margin Call Payments received that have not been applied to an invoice.	N	N	
Margin Call State	Indicates MP's loss ratio	N	N	

6.4.1. Viewing Virtual Bid Activity Details

The Virtual Bid Activity Detail page provides a current snapshot view of the active Submitted Bids, Scheduled Bids and Daily Gains (Losses) for the MP.

Figure M70: Virtual Bid Activity Detail Page



Credit Summary > Virtual > Virtual Bid Activity Detail Last Refresh: 04/25/2014 08:10:39 EDT [Refresh](#)

Market Participant: QA_UAT1 User: USER1 [Log Out](#)

Virtual Bid Activity Detail

Status: Inactive Submitted Bid Requirement: 0

Credit Requirement: 0 Scheduled Bid Requirement: 0

Bid Status: Submitted Daily Gains(Losses): 0

BBS Id	Bid Hour	Zone	MW	Price	Credit Requirement
Nothing found to display					

Export: [Excel](#) [PDF](#)

Pre-requisite

The user has accessed the Virtual Credit Requirements Summary page as outlined under Section [6.2.6](#) beginning on page [87](#).

To view the Virtual Bid Activity Detail page

On the Virtual Credit Requirements Summary page, click the *Submitted Bid Requirement*, *Scheduled Bid Requirement* or *Daily Gains (Losses)* value hyperlink.

Figure M71: Hyperlinks to Virtual Bid Activity Detail Page

Credit Summary > Virtual Last Refresh: 04/25/2014 08:10:39 EDT Refresh

Market Participant: QA_UAT1 User: USER1 Log Out

Virtual

Status: Inactive Monthly Invoice Due Date: 05/09/2014

Allocated Credit: 0

Credit Requirement: 0

Available Credit: 0

Virtual Summary

Submitted Bid Require..	Scheduled Bid Require..	Daily Gains(Losses)	Previous Month Unsettled Activity	Current Month Unsettled Activity	Effective Margin Call P..
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Export: Excel PDF

Virtual Position Trend History

Start Date: 01/25/2014 End Date: 04/25/2014 Get History

Copied Date	Status	Allocated...	Credit Re...	Submitt... Require.	Schedule... Require.	Daily Gains (Losses)	Unsettled Activity	Effective FIP Pay.	Effective.. Call Pay.	Margin Call State
04/25/2014...	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0
04/24/2014...	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0
04/24/2014...	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0

Figure M72: Bid Status Filter Setting to View Activity Detail for Virtual Bids

Credit Summary > Virtual > Virtual Bid Activity Detail Last Refresh: 04/25/2014 08:10:39 EDT Refresh

Market Participant: QA_UAT1 User: USER1 Log Out

Virtual Bid Activity Detail

Status: Inactive Submitted Bid Requirement: 0

Credit Requirement: 0 Scheduled Bid Requirement: 0

Bid Status: Submitted Daily Gains(Losses): 0

BBS Id	Bid Hour	Zone	MW	Price	Credit Requirement
Nothing found to display					

Export: Excel PDF

Figure M73: The Virtual Bid Activity Detail Field Definitions

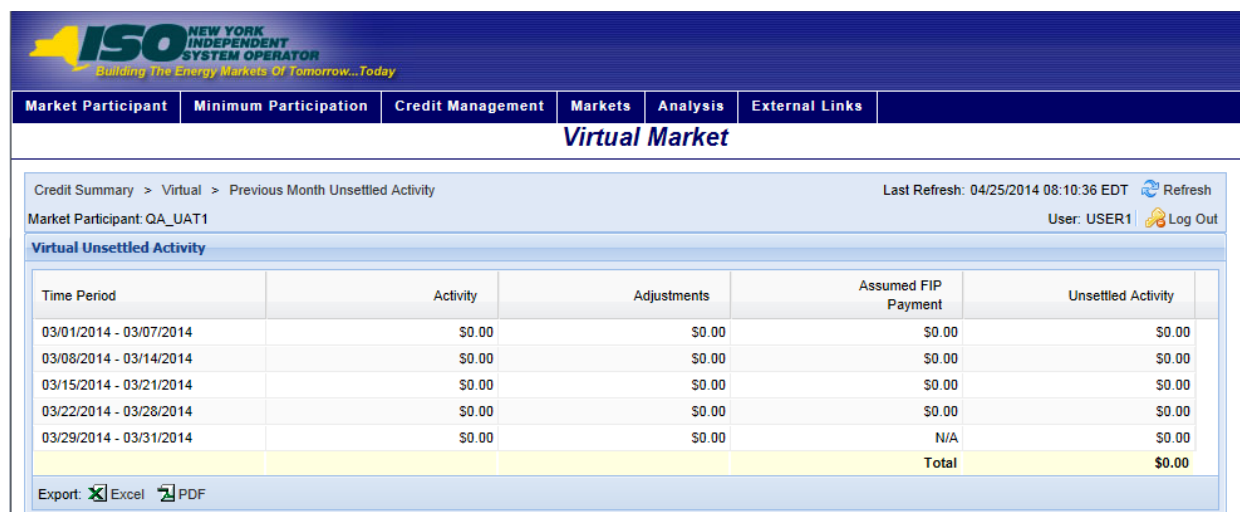
Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Status	The status of the MP in Virtual Market.	N	N	Active Inactive Suspended
Credit Requirement	The calculated Credit Requirement for the MP for Virtual Market.	N	N	System calculated
Bid Status	The status of the bids being displayed.	N	N	Submitted Scheduled Daily Gains / (Losses) By clicking the <i>Submitted Bid Requirement</i> hyperlink, this field defaults to <i>Submitted</i> . <i>Scheduled</i> can be chosen to show the Scheduled Bid Reservations. <i>Daily Gains / (Losses)</i> can be chosen to show the Daily Gains / (Losses).
Submitted Bid Requirement	The calculated amount of exposure from the active accepted Virtual bids submitted by the MP.	N	N	
Scheduled Bid Requirement	The calculated amount of exposure from the active scheduled Virtual bids for the MP.	N	N	
Daily Gains/(Losses)	The total gains and losses accrued by the MP for all completed hours that are between the current time and the	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
	last hour included in the most recent daily bill.			
BBS ID	The identifier for the Bid Reservations used in the Credit calculations.	N	N	Data is sorted by this field upon entry to the page.
Bid Hour	The date/time of the Bid	N	N	
Zone	The zone tied to the bid.	N	N	
MW	The amount of megawatts	N	N	
Price	The price that was used to determine the Credit Requirement	N	N	
Credit Requirement	The calculated Credit requirement for the Bid	N	N	MW times Price.

6.4.2. Viewing Virtual Unsettled Activity

The Virtual Unsettled Activity page provides a current snapshot view of the information used to calculate the MP's Unsettled Activity for either the Prior or Current Month.

Figure M74: Virtual Unsettled Activity Page



Time Period	Activity	Adjustments	Assumed FIP Payment	Unsettled Activity
03/01/2014 - 03/07/2014	\$0.00	\$0.00	\$0.00	\$0.00
03/08/2014 - 03/14/2014	\$0.00	\$0.00	\$0.00	\$0.00
03/15/2014 - 03/21/2014	\$0.00	\$0.00	\$0.00	\$0.00
03/22/2014 - 03/28/2014	\$0.00	\$0.00	\$0.00	\$0.00
03/29/2014 - 03/31/2014	\$0.00	\$0.00	N/A	\$0.00
			Total	\$0.00

Pre-requisite

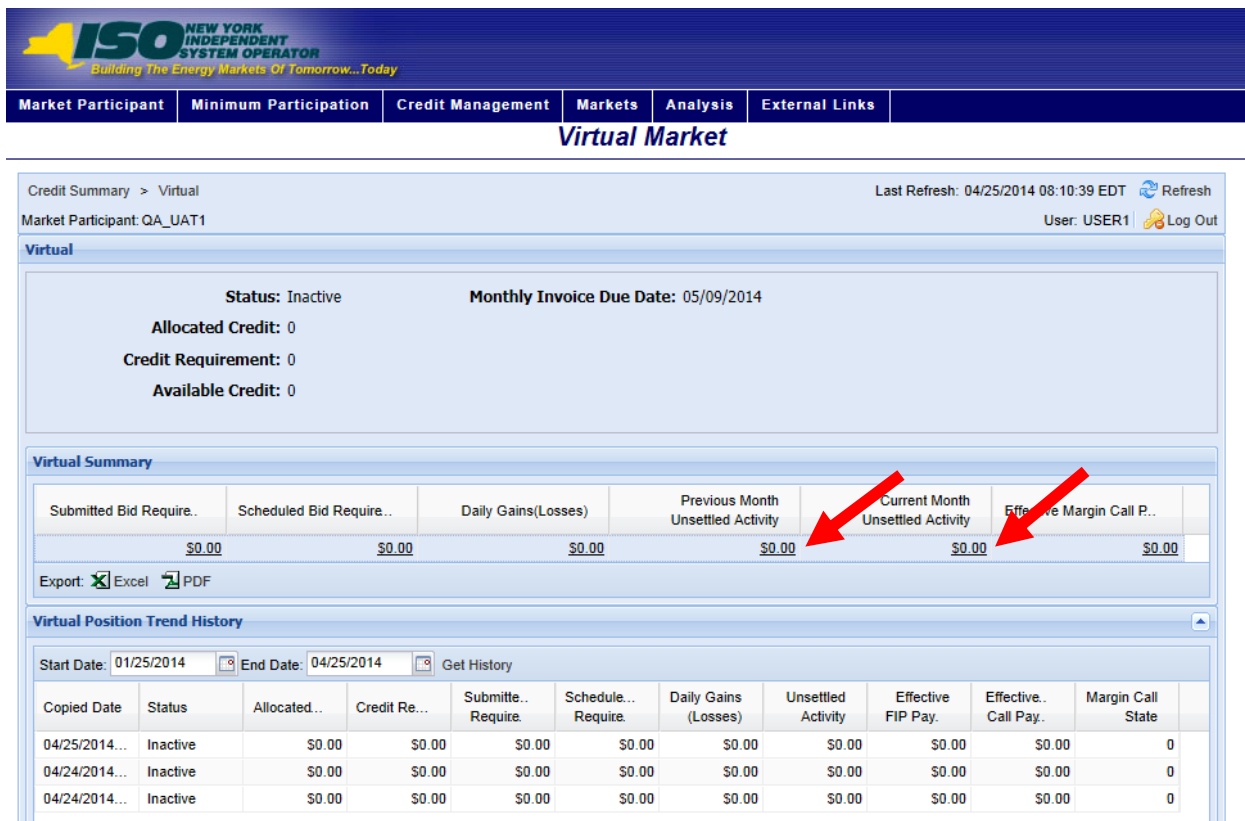
The user has accessed the Virtual Credit Requirements Summary page as outlined under Section [6.1](#), beginning on page [57](#).

 **To view the Virtual Unsettled Activity page**

On the Virtual Credit Requirements Summary page, click the *Previous Month Unsettled Activity* or the *Current Month Unsettled Activity* value hyperlink.

Note: These are the only means of accessing the Virtual Unsettled Activity page.

Figure M75: Links to Virtual Unsettled Activity Page



The screenshot shows the 'Virtual Market' interface. At the top, there are navigation tabs: Market Participant, Minimum Participation, Credit Management, Markets, Analysis, and External Links. Below these is the 'Virtual Market' header. The main content area includes a status section (Inactive, Monthly Invoice Due Date: 05/09/2014), a 'Virtual Summary' table, and a 'Virtual Position Trend History' table. In the 'Virtual Summary' table, two red arrows point to the 'Previous Month Unsettled Activity' and 'Current Month Unsettled Activity' columns, which both show '\$0.00'. The 'Virtual Position Trend History' table shows a list of dates and associated values for various fields.

Submitted Bid Require..	Scheduled Bid Require..	Daily Gains(Losses)	Previous Month Unsettled Activity	Current Month Unsettled Activity	Effective Margin Call P..
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Copied Date	Status	Allocated...	Credit Re...	Submitt... Require.	Schedule... Require.	Daily Gains (Losses)	Unsettled Activity	Effective FIP Pay.	Effective.. Call Pay..	Margin Call State
04/25/2014...	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0
04/24/2014...	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0
04/24/2014...	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0

Figure M76: Virtual Unsettled Activity Field Definitions

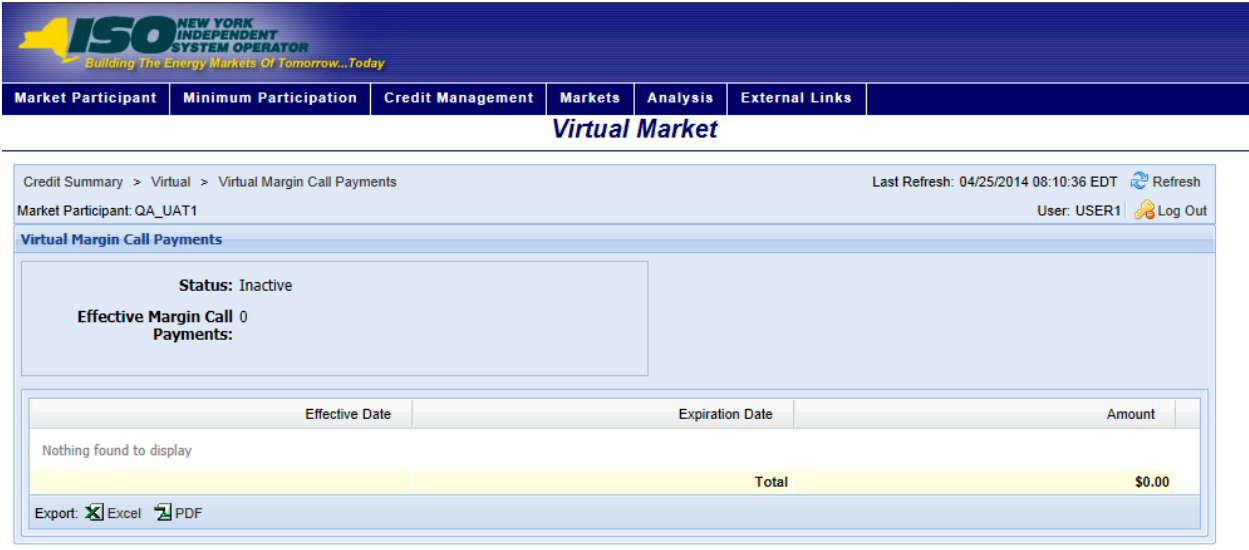
Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Time Period	The time period to which the payment was applied	N	N	
Activity	The Virtual Activity for the time period.	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Adjustments	The Virtual Adjustments for the time period.	N	N	
Assumed FIP Payment	The weekly invoice payment applied to the time period	N	N	
Unsettled Activity	The Virtual Unsettled Activity for the time period.	N	N	System Calculated Difference between Activity value and Assumed FIP Payment value.
Total Unsettled Activity	The sum total of displayed Unsettled Activity	N	N	

6.4.3. Viewing Virtual Margin Call Payments

The Virtual Margin Call Payments page provides a current snapshot view of effective margin call payments in the Virtual Market.

Figure M77: Effective Margin Call Payments Page



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Market Participant | Minimum Participation | Credit Management | **Markets** | Analysis | External Links

Virtual Market

Credit Summary > Virtual > Virtual Margin Call Payments | Last Refresh: 04/25/2014 08:10:36 EDT | Refresh

Market Participant: QA_UAT1 | User: USER1 | Log Out

Virtual Margin Call Payments

Status: Inactive

Effective Margin Call Payments: 0

Effective Date	Expiration Date	Amount
Nothing found to display		
Total		\$0.00

Export: Excel PDF

 **To view the Effective Margin Call Payments Requirement page**

On the Virtual Credit Requirements Summary page, click the *Effective Margin Call Payments* value hyperlink.

Note: This is the only means of accessing the Virtual Margin Effective Margin Call Payments page.

Figure M78: Hyperlink to Effective Margin Call Payments Page

The screenshot shows the 'Virtual Market' interface. At the top, there is a navigation bar with 'Market Participant', 'Minimum Participation', 'Credit Management', 'Markets', 'Analysis', and 'External Links'. Below this is the 'Virtual Market' title. The main content area shows 'Credit Summary > Virtual' and 'Market Participant: QA_UAT1'. A summary box indicates 'Status: Inactive' and 'Monthly Invoice Due Date: 05/09/2014'. Below this is a 'Virtual Summary' table with columns for 'Submitted Bid Require.', 'Scheduled Bid Require.', 'Daily Gains(Losses)', 'Previous Month Unsettled Activity', 'Current Month Unsettled Activity', and 'Effective Margin Call P..'. The 'Effective Margin Call P..' column is highlighted with a red arrow. Below the summary table is a 'Virtual Position Trend History' table with columns for 'Copied Date', 'Status', 'Allocated..', 'Credit Re...', 'Submitte.. Require.', 'Schedule... Require.', 'Daily Gains (Losses)', 'Unsettled Activity', 'Effective FIP Pay.', 'Effective.. Call Pay.', and 'Margin Call State'.

Figure M79: Effective Margin Call Payments Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Status	The status of the MP in the Virtual Market.	N	N	Active Inactive Suspended
Effective Margin Call Payments	The amount of unexpired Virtual Margin Call Payments received that have not been applied to an invoice.	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Effective Date	The date that the Virtual Margin Call Payment was received.	N	N	
Expiration Date	The date that the Virtual Margin Call Payment expires	N	N	
Amount	The amount of Virtual Margin Call Payment received.	N	N	
Total	The amount of unexpired Virtual Margin Call Payments received that have not been applied to an invoice.	N	N	

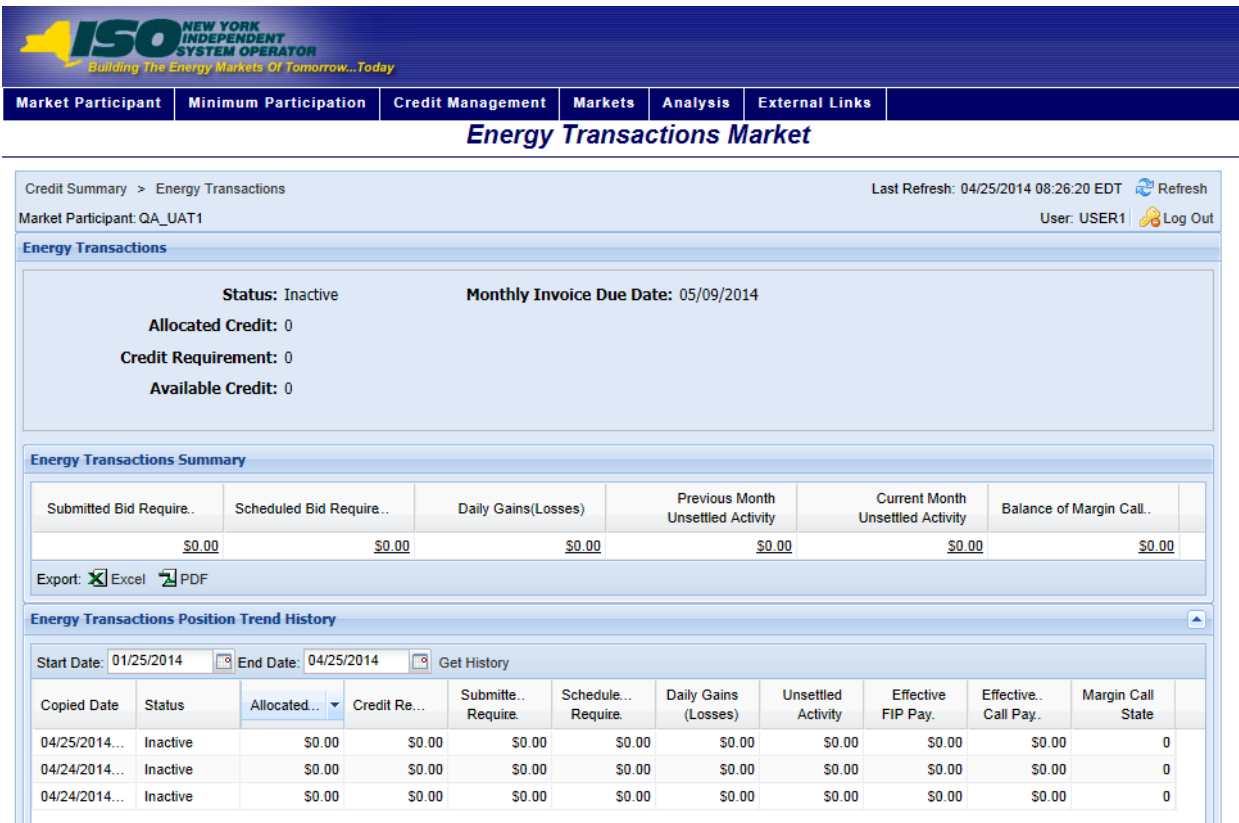
6.5. Viewing Energy Transactions Requirements

The Energy Transactions Requirements Summary page provides a current snapshot view of an MP's Energy Transactions Credit Requirements.

The page contains hyperlinks that allow the user to view the details of the MP's Submitted Bids, Scheduled Bids, Daily Gains and Losses, Previous Month Unsettled Activity, Current Month Unsettled Activity, and Balance of Margin Call Payments.

Energy Transactions in this section include LBMP and CTS transactions, and are distinguished in the Energy Transactions 'Bid Activity Detail' page as the 'Bid Schedule Type'.

Figure M80: Energy Transactions Credit Requirements Summary Page



Credit Summary > Energy Transactions Last Refresh: 04/25/2014 08:26:20 EDT [Refresh](#)

Market Participant: QA_UAT1 User: USER1 [Log Out](#)

Energy Transactions

Status: Inactive Monthly Invoice Due Date: 05/09/2014

Allocated Credit: 0

Credit Requirement: 0

Available Credit: 0

Energy Transactions Summary

Submitted Bid Require..	Scheduled Bid Require..	Daily Gains(Losses)	Previous Month Unsettled Activity	Current Month Unsettled Activity	Balance of Margin Call..
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Export: Excel PDF

Energy Transactions Position Trend History

Start Date: 01/25/2014 End Date: 04/25/2014 [Get History](#)

Copied Date	Status	Allocated...	Credit Re...	Submitt... Require.	Schedule... Require.	Daily Gains (Losses)	Unsettled Activity	Effective FIP Pay.	Effective.. Call Pay..	Margin Call State
04/25/2014...	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0
04/24/2014...	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0
04/24/2014...	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0

 **To view the Energy Transactions Credit Requirements Summary page**

From the **Markets** menu, choose the **Energy Transactions** option.

The system displays the Energy Transactions Credit Requirements Summary page.

Note: The Energy Transactions Credit Requirements Summary page can also be accessed from the Credit Summary page by clicking the line representing the *Energy Transactions* market listing or from any other Energy Transactions page by clicking the **Energy Transactions** hyperlink in the breadcrumb.

Figure M81: Energy Transactions Credit Requirements Summary Menu Option

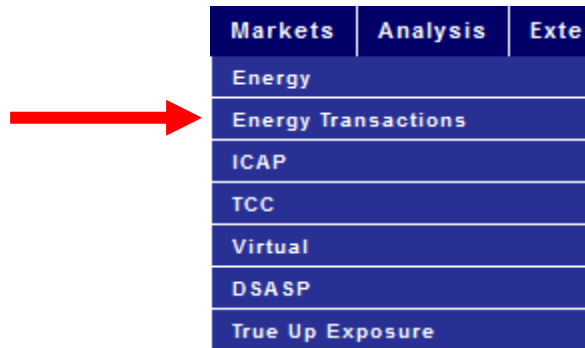


Figure M82: Hyperlink to Energy Transactions Credit Requirements Summary Page from Credit Summary Page

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Credit Management System
 Credit Summary

Market Participant: QA_TEST Last Refresh: 02/21/2020 12:48:52 EST Refresh

User: qa_user Log Out

Credit Summary

Posted Credit: \$5,750,000.00 **Concentration Cap:** \$50,000,000.00
Unallocated Credit: \$2,000,000.00 **Adjusted Unsecured Baseline:** \$750,000.00
Secured Credit: \$5,000,000.00 **Capped Unsecured Baseline:** \$750,000.00
Unsecured Credit: \$750,000.00


You have open Credit Requests [View](#)

Market / Program	Status	Credit Allocated	Credit Requirement	Credit Available	Open Credit Calls
Energy / Ancillary Services	Active	\$1,000,000.00	\$0.00	\$1,000,000.00	1
True Up Exposure		\$0.00	\$0.00	\$0.00	
Energy Transactions	Active	\$50,000.00	\$0.00	\$50,000.00	
Installed Capacity (ICAP)	Active	\$600,000.00	\$0.00	\$600,000.00	
Transmission Congestion Contract (TCC)	Active	\$2,000,000.00	\$0.00	\$2,000,000.00	
Virtual Transactions	Active	\$100,000.00	\$0.00	\$100,000.00	
Wholesale Transmission Service Charges (WTSC)		\$0.00	\$0.00	\$0.00	
Day Ahead Demand Response Program (DADRP)	Active	\$0.00	\$0.00	\$0.00	
Demand Side Ancillary Services Program (DSASP)	Active	\$0.00	\$0.00	\$0.00	

Export: [Excel](#) [PDF](#)

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Figure M83: Energy Transactions Credit Requirements Summary Hyperlink in a Breadcrumb Trail



The screenshot shows the 'Energy Transactions Market' interface. At the top, there is a navigation menu with tabs: Market Participant, Minimum Participation, Credit Management, Markets, Analysis, and External Links. Below this is the breadcrumb trail: Credit Summary > Energy Transactions > Energy Transactions Bid Activity Detail. A red arrow points to the 'Energy Transactions' link in the breadcrumb trail. The main content area shows 'Energy Transaction Bid Activity Detail' for Market Participant: QA_UAT1. It includes fields for Status (Active), Submitted Bid Requirement (0), Credit Requirement (0), Scheduled Bid Requirement (0), Bid Status (Scheduled), and Daily Gains(Losses) (0). Below this is a table with columns: BBS Id, Transaction Id, Begin Time Stamp, End Time Stamp, Transaction Source, Transaction Sink, Bid Type, Bid Schedule Type, Bid Category, Exposure, Exposure, and Credit Re..

Figure M84: Energy Transactions Credit Requirements Summary Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Status	The status of the MP in Energy Transactions Market.	N	N	Active Inactive Suspended
Allocated Credit	The amount of Posted Credit allocated to the Energy Transactions Market.	N	N	
Credit Requirement	The calculated Credit Requirement for the MP for the Energy Transactions Market.	N	N	System calculated
Available Credit	The amount that the Allocated Credit exceeds the Credit Requirement.	N	N	Allocated Credit minus Credit Requirement.
Monthly Invoice Due Date	The date the upcoming monthly invoice is due	N	N	
Submitted Bid Requirement	The calculated amount of exposure from the active submitted Energy	N	Y	Hyperlink to the Energy Transactions Bid

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
	Transactions bids for the MP.			Activity Detail page.
Scheduled Bid Requirement	The calculated amount of exposure from the active scheduled Energy Transactions bids for the MP.	N	Y	Hyperlink to the Energy Transactions Bid Energy Transactions Detail page.
Daily Gains / (Losses)	The total gains and losses accrued by the MP for all completed hours that are between the current time and the last hour included in the most recent daily bill.	N	Y	Hyperlink to the Energy Transactions Bid Activity Detail page.
Previous Month Unsettled Activity	The total amount of unsettled Energy Transactions awards from the previous month used in calculating the Energy Transactions Market Credit Requirement.	N	Y	Hyperlink to the Energy Transactions Unsettled Activity page.
Current Month Unsettled Activity	The total amount of unsettled Energy Transactions awards from the current month used in calculating the Energy Transactions Market Credit Requirement.	N	Y	Hyperlink to the Energy Transactions Unsettled Activity page.
Balance of Margin Call Payments	The total amount of unexpired Energy Transactions margin call payments received that have not been applied to an invoice.	N	Y	Hyperlink to the Energy Transactions Balance of Margin Call Payments page.

Figure M85: Energy Transactions Position Trend History Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Start Date	Report start date	N	N	Field to enter date
End Date	Report end date	N	N	Field to enter date

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Copied Date	The "As of date" for displayed market position	N	N	
Status	The status of the MP in the Energy Transactions Market as of date displayed.	N	N	Active Inactive Suspended
Allocated Credit	The amount of Posted Credit allocated to the Energy Transactions Market as of date displayed.	N	N	
Credit Requirements	The calculated Credit Requirement for the MP for the Energy Transactions Market as of date displayed.	N	N	
Submitted Bid Requirement	The calculated amount of exposure from the active submitted Energy Transactions bids for the MP as of the date displayed	N	N	
Scheduled Bid Requirement	The calculated amount of exposure from the active scheduled Energy Transactions bids for the MP as of the date displayed	N	N	
Daily Gains (Losses)	The total gains and losses accrued by the MP for all completed hours that are between the date displayed and the last hour included in the most recent daily bill.	N	N	
Unsettled Activity	Previous Month Unsettled Activity plus Current Month Unsettled Activity	N	N	
Effective FIP Payments	Unexpired FIP Payments	N	N	
Effective Margin Call Payments	The summed unexpired Energy Transactions	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
	margin call payments received that have not been applied to an invoice.			
Margin Call State	Indicates MP's loss ratio	N	N	

6.5.1. Viewing Energy Transactions Bid Activity Details

The Energy Transactions Bid Activity Detail page provides a current snapshot view of the active Submitted Bids, Scheduled Bids and Daily Gains (Losses) for the MP.

Figure M86: Energy Transactions Bid Activity Detail Page

6.5.2. Viewing Energy Transactions Bid Curve

The Energy Transactions Bid Curve page provides a current view of the bid curve for a specific bid hour with a specific source and sink.

Figure M87: Energy Transactions Bid Curve

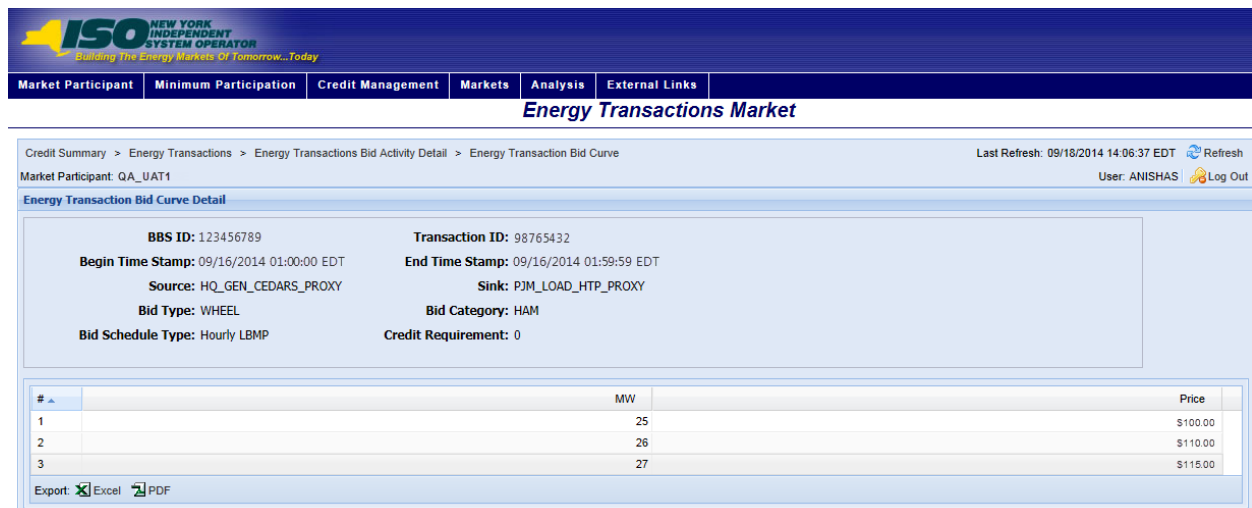


Figure M88: Energy Transactions Bid Curve Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
BBS ID	The identifier for the Bid Reservations used in the Credit calculations	N	N	Data is sorted by this field upon entry to the page.
Begin Time Stamp	Beginning Time Stamp of the Bid	N	N	
Source	The Source tied to the bid.	N	N	
Bid Type	The Type of the bid.	N	N	Export Import Wheel Through
Bid Schedule Type	The Type of the Bid Schedule	N	N	Hourly CTS 15 Min CTS Hourly LBMP 15 Min LBMP
Transaction ID	The Transaction ID of the bid.	N	N	
End Time Stamp	Ending Time Stamp of the bid	N	N	
Sink	The Sink tied to the bid.	N	N	
Bid Category	The market tied to the bid.	N	N	DAM HAM

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Credit Requirement	The calculated Credit Requirement for the MP for Energy Transactions Market.	N	N	System calculated
#	Bid curve number	N	N	
MW	Submitted Bid MW's	N	N	
Price	Submitted Bid Price	N	N	

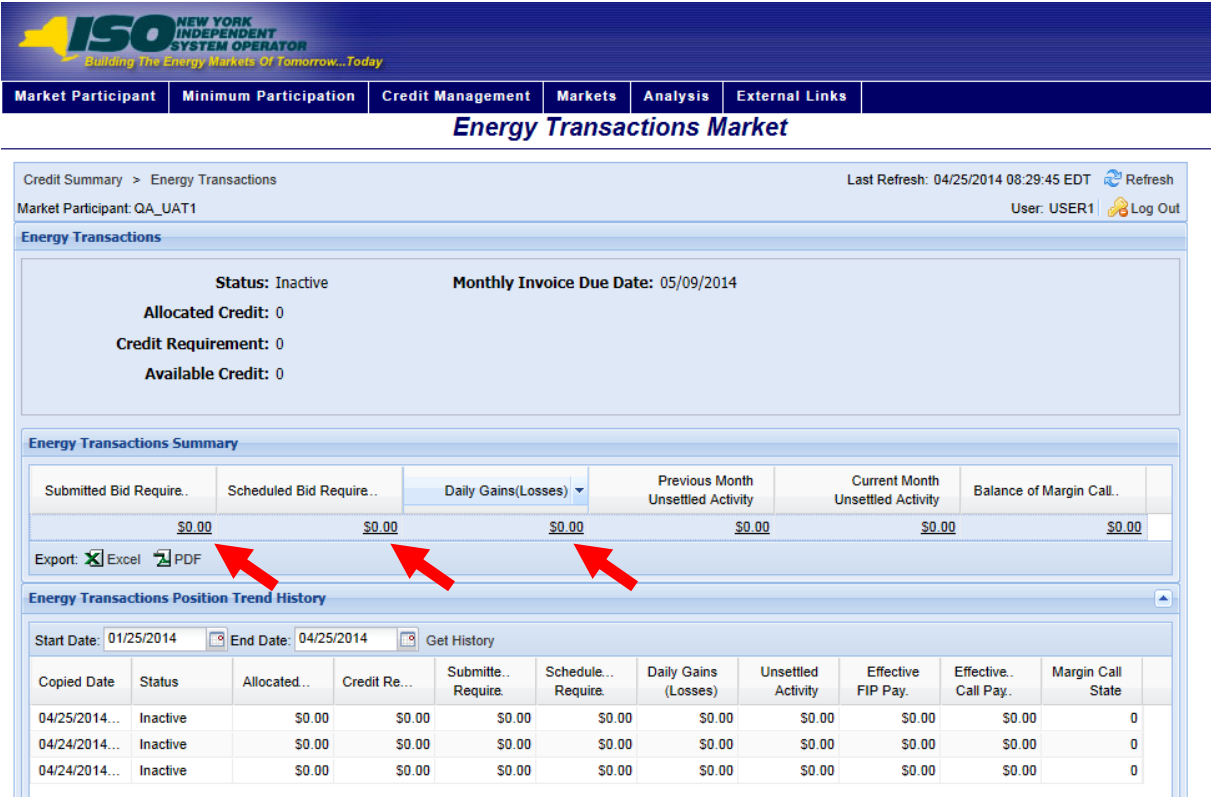
Pre-requisite

The user has accessed the Energy Transactions Credit Requirements Summary page.

 **To view the Energy Transactions Bid Activity Detail page**


On the Energy Transactions Credit Requirements Summary page, click the *Submitted Bid Requirement*, *Scheduled Bid Requirement* or *Daily Gains (Losses)* value hyperlink.

Figure M89: Hyperlinks to Energy Transactions Bid Activity Detail Page



The screenshot shows the 'Energy Transactions Market' interface. At the top, there is a navigation bar with links for Market Participant, Minimum Participation, Credit Management, Markets, Analysis, and External Links. Below this, the 'Energy Transactions Summary' section displays a table with columns for Submitted Bid Require., Scheduled Bid Require., Daily Gains(Losses), Previous Month Unsettled Activity, Current Month Unsettled Activity, and Balance of Margin Call.. The values in the table are all \$0.00. Below the table, there are 'Export' options for Excel and PDF. Three red arrows point to the 'Submitted Bid Require.', 'Scheduled Bid Require.', and 'Daily Gains(Losses)' columns, indicating that these values are hyperlinks to the bid activity detail page. Below the summary table is the 'Energy Transactions Position Trend History' section, which includes a table with columns for Copied Date, Status, Allocated..., Credit Re..., Submitt... Require., Schedule... Require., Daily Gains (Losses), Unsettled Activity, Effective FIP Pay., Effective.. Call Pay., and Margin Call State. The data in this table shows three rows of inactive status with zero values for all other fields.

Figure M90: Bid Status Filter Setting to View Activity Detail for Energy Transactions Bids


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Market Participant | Minimum Participation | Credit Management | Markets | Analysis | External Links

Energy Transactions Market

Credit Summary > Energy Transactions Last Refresh: 04/25/2014 08:29:45 EDT [Refresh](#)

Market Participant: QA_UAT1 User: USER1 [Log Out](#)

Energy Transactions

Status: Inactive **Monthly Invoice Due Date:** 05/09/2014

Allocated Credit: 0

Credit Requirement: 0

Available Credit: 0

Energy Transactions Summary

Submitted Bid Require..	Scheduled Bid Require..	Daily Gains(Losses)	Previous Month Unsettled Activity	Current Month Unsettled Activity	Balance of Margin Call..
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Export: Excel PDF

Energy Transactions Position Trend History

Start Date: 01/25/2014 End Date: 04/25/2014 [Get History](#)

Copied Date	Status	Allocated..	Credit Re...	Submitt... Require.	Schedule... Require.	Daily Gains (Losses)	Unsettled Activity	Effective FIP Pay.	Effective.. Call Pay..	Margin Call State
04/25/2014...	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0
04/24/2014...	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0
04/24/2014...	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0

Figure M91: The Energy Transactions Bid Activity Detail Field Definitions

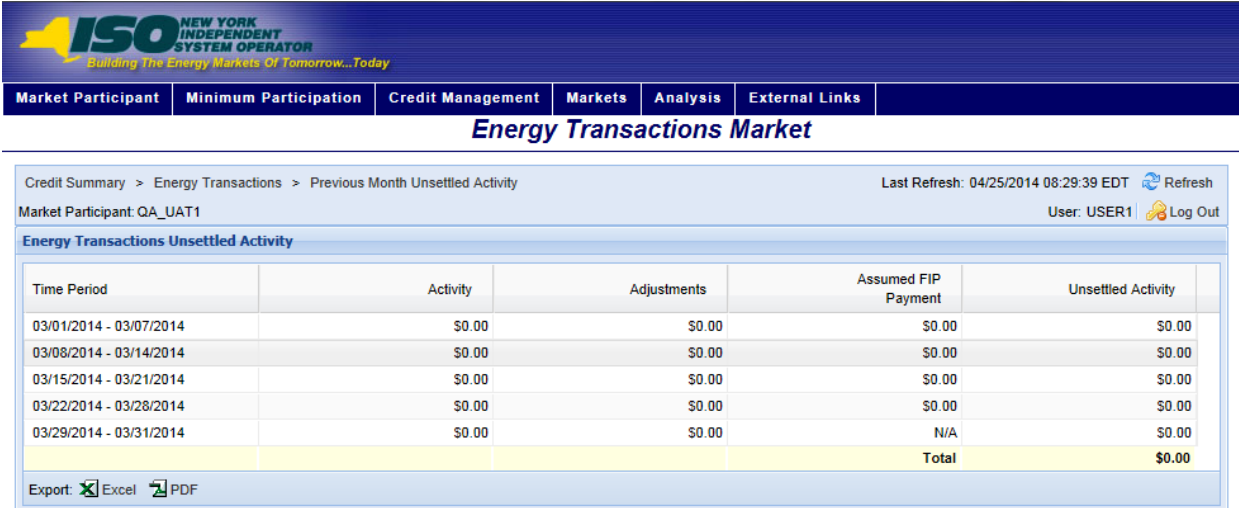
Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Status	The status of the MP in Energy Transactions Market.	N	N	Active Inactive Suspended
Credit Requirement	The calculated Credit Requirement for the MP for Energy Transactions Market.	N	N	System calculated
Bid Status	The status of the bids being displayed.	N	N	Submitted Scheduled Daily Gains / (Losses) By clicking the <i>Submitted Bid Requirement</i> hyperlink, this field defaults to <i>Submitted</i> . <i>Scheduled</i> can be chosen to show the Scheduled Bid Reservations. <i>Daily Gains / (Losses)</i> can be chosen to show the Daily Gains / (Losses).
Submitted Bid Requirement	The calculated amount of exposure from the active accepted Energy Transactions bids submitted by the MP.	N	N	
Scheduled Bid Requirement	The calculated amount of exposure from the active scheduled Energy Transactions bids for the MP.	N	N	
Daily Gains/(Losses)	The total gains and losses accrued by the MP for all completed	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
	hours that are between the current time and the last hour included in the most recent daily bill.			
BBS ID	The identifier for the Bid Reservations used in the Credit calculations.	N	N	Data is sorted by this field upon entry to the page.
Transaction ID	The Transaction ID of the bid.	N	N	
Begin Time Stamp	Beginning Time Stamp of the Bid	N	N	
End Time Stamp	End Time Stamp of the Bid	N	N	
Transaction Source	The Source tied to the bid.	N	N	
Transaction Sink	The Sink tied to the bid.	N	N	
Bid Type	The Type of the bid.	N	N	Export Import Wheels Through
Bid Schedule Type	The Type of the Bid Schedule	N	N	Hourly CTS 15 Min CTS Hourly LBMP 15 Min LBMP
Bid Category	The market tied to the bid.	N	N	DAM HAM
Exposure MW	The amount of megawatts that is used in the Credit calculations.	N	N	
Exposure Price	The price that is used in the Credit calculations.	N	N	
Credit Requirement	The calculated Credit requirement for the Bid.	N	N	Exposure MW times Exposure Price.

6.5.3. Viewing Energy Transactions Unsettled Activity

The Energy Transactions Unsettled Activity page provides a current snapshot view of the information used to calculate the MP's Unsettled Activity for either the Prior or Current Month.

Figure M92: Energy Transactions Unsettled Activity Page



Time Period	Activity	Adjustments	Assumed FIP Payment	Unsettled Activity
03/01/2014 - 03/07/2014	\$0.00	\$0.00	\$0.00	\$0.00
03/08/2014 - 03/14/2014	\$0.00	\$0.00	\$0.00	\$0.00
03/15/2014 - 03/21/2014	\$0.00	\$0.00	\$0.00	\$0.00
03/22/2014 - 03/28/2014	\$0.00	\$0.00	\$0.00	\$0.00
03/29/2014 - 03/31/2014	\$0.00	\$0.00	N/A	\$0.00
			Total	\$0.00

Pre-requisite

The user has accessed the Energy Transactions Credit Requirements Summary page.

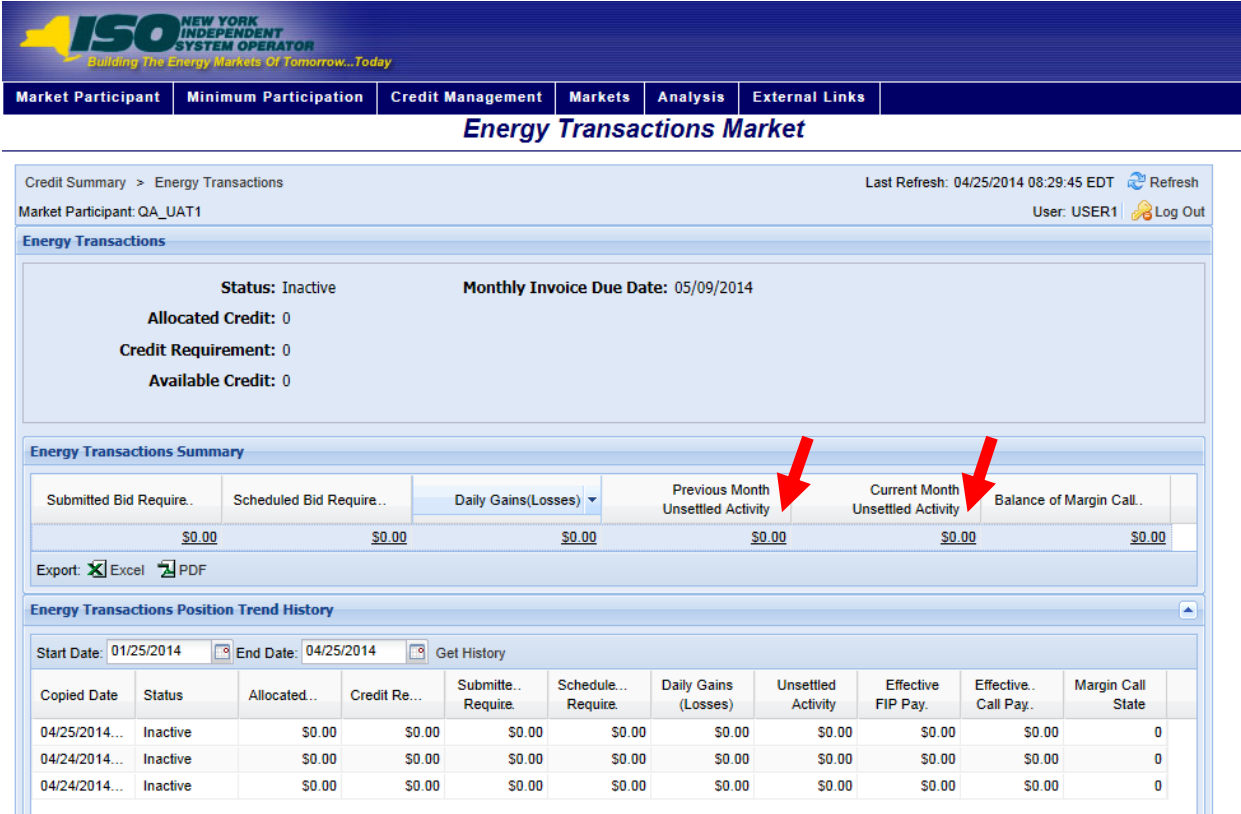
To view the Energy Transactions Unsettled Activity page

On the Energy Transactions Credit Requirements Summary page, click the *Previous Month Unsettled Activity* or the *Current Month Unsettled Activity* value hyperlink.

Note: These are the only means of accessing the Energy Transactions Unsettled Activity page.

The system displays the Energy Transactions Unsettled Activity page.

Figure M93: Links to Energy Transactions Unsettled Activity Page



Credit Summary > Energy Transactions Last Refresh: 04/25/2014 08:29:45 EDT Refresh

Market Participant: QA_UAT1 User: USER1 Log Out

Energy Transactions

Status: Inactive Monthly Invoice Due Date: 05/09/2014

Allocated Credit: 0

Credit Requirement: 0

Available Credit: 0

Energy Transactions Summary

Submitted Bid Require..	Scheduled Bid Require..	Daily Gains(Losses)	Previous Month Unsettled Activity	Current Month Unsettled Activity	Balance of Margin Call..
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Export: Excel PDF

Energy Transactions Position Trend History

Start Date: 01/25/2014 End Date: 04/25/2014 Get History

Copied Date	Status	Allocated...	Credit Re...	Submitt... Require.	Schedule... Require.	Daily Gains (Losses)	Unsettled Activity	Effective FIP Pay.	Effective.. Call Pay..	Margin Call State
04/25/2014...	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0
04/24/2014...	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0
04/24/2014...	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0

Figure M94: Energy Transactions Unsettled Activity Field Definitions

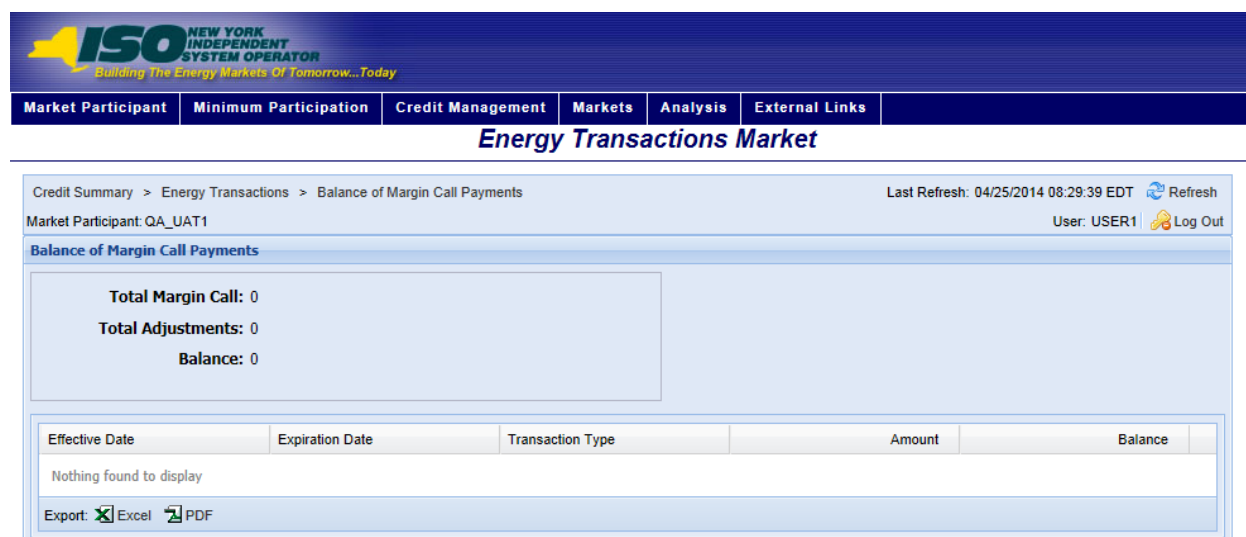
Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Time Period	The time period to which the payment was applied.	N	N	
Activity	The Energy Transactions Activity for the time period.	N	N	
Adjustments	The Energy Transactions Adjustments for the time period.	N	N	
Assumed FIP Payment	The weekly invoice payment applied to the time period	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Unsettled Activity	The Energy Transactions Unsettled Activity for the time period.	N	N	System Calculated Difference between Activity value and Assumed FIP Payment value.
Total Unsettled Activity	The sum total of displayed Unsettled Energy Transactions	N	N	

6.5.4. Viewing Energy Transactions Balance of Margin Call Payments

The Energy Transactions Balance of Margin Call Payments page provides a current snapshot view of effective margin call payments in the Energy Transactions Market.

Figure M95: Energy Transactions Balance of Margin Call Payments Page



 **To view the Energy Transactions Balance of Margin Call Payments Requirement page**

On the Energy Transactions Credit Requirements Summary page, click the *Balance of Margin Call Payments* value hyperlink.

Note: This is the only means of accessing the Energy Transactions Balance of Margin Call Payments page.

The system displays the Energy Transactions Balance Margin Call Payments.

Figure M96: Hyperlink to Energy Transactions Balance of Margin Call Payments Page

The screenshot shows the 'Energy Transactions Market' interface. At the top, there is a navigation bar with 'Market Participant', 'Minimum Participation', 'Credit Management', 'Markets', 'Analysis', and 'External Links'. Below this is the 'Energy Transactions Market' title. The main content area includes a 'Credit Summary > Energy Transactions' breadcrumb, a 'Market Participant: QA_UAT1' label, and a 'Last Refresh: 04/25/2014 08:29:45 EDT' timestamp. A 'User: USER1' and 'Log Out' link are also present. The 'Energy Transactions' section shows 'Status: Inactive' and 'Monthly Invoice Due Date: 05/09/2014'. Below this is the 'Energy Transactions Summary' table, which has a red arrow pointing to the 'Balance of Margin Call' column. The table shows values of \$0.00 for all columns. Below the summary table is the 'Energy Transactions Position Trend History' section, which includes a date range filter (01/25/2014 to 04/25/2014) and a table with columns for Copied Date, Status, Allocated, Credit Requirement, Submitted Requirement, Scheduled Requirement, Daily Gains (Losses), Unsettled Activity, Effective FIP Pay, Effective Call Pay, and Margin Call State. The table contains three rows of data, all showing 'Inactive' status and zero values for most fields.

Figure M97: Energy Transactions Balance of Margin Call Payments Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Total Margin Call	Total of all Margin Call payments	N	N	
Total Adjustments	Total of all Adjustments	N	N	
Balance	Balance of Margin Call Payments	N	N	
Effective Date	The date that the Energy Transactions Margin Call Payment was received.	N	N	

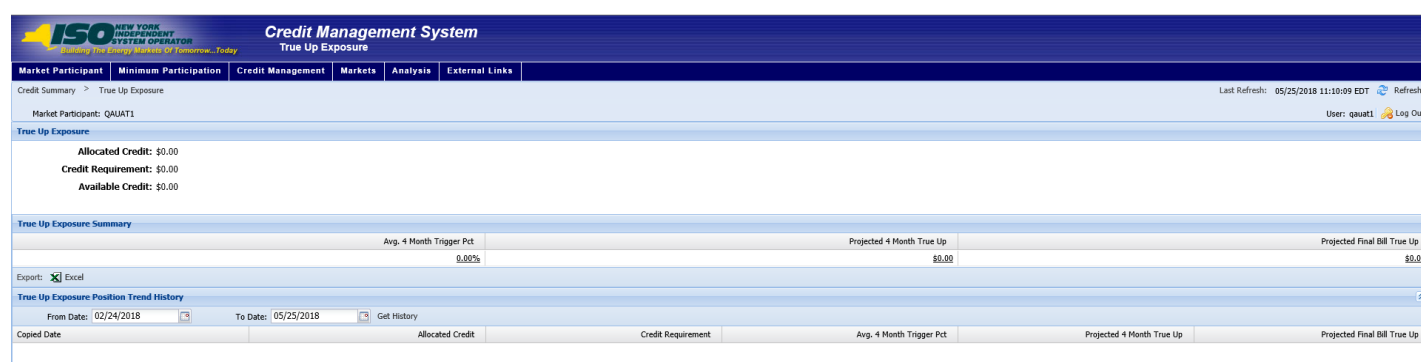
Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Expiration Date	The date that the Energy Transactions Margin Call Payment expires	N	N	
Transaction Type	Type of Payment received.	N	N	
Amount	The amount of Energy Transactions Margin Call Payment received.	N	N	
Balance	Balance of Energy transaction Margin Call Payments.	N	N	

6.6. Viewing True-up Exposure Requirement

The True-up Exposure Requirement Summary page provides a current snapshot view of an MP's True-up Exposure Credit Requirement.

The page contains hyperlinks that allow the user to view the details of the calculated True-up Exposure Requirement, including the MP's Average 4 Month Trigger Percentage, Projected 4 Month True-up Amount, and the Projected Final Bill True-up Amount.

Figure M98: True-up Exposure Credit Requirement Summary Field Definitions



Credit Management System			
True Up Exposure			
Market Participant	Minimum Participation	Credit Management	Markets
Market Participant: QAIAT1			Analysis External Links
Allocated Credit: \$0.00 Credit Requirement: \$0.00 Available Credit: \$0.00			
True Up Exposure Summary			
	Avg. 4 Month Trigger Pct	Projected 4 Month True Up	Projected Final Bill True Up
	0.00%	\$0.00	\$0.00
True Up Exposure Position Trend History			
From Date: 02/24/2018	To Date: 05/25/2018	Get History	
Copied Date	Allocated Credit	Credit Requirement	Avg. 4 Month Trigger Pct
			Projected 4 Month True Up
			Projected Final Bill True Up

 **To view the True-up Exposure Credit Requirement Summary page**

From the **Markets** menu, choose the **True-up Exposure** option.

The system displays the True-up Exposure Credit Requirement Summary page.

Note: The True-up Exposure Requirement Summary page can also be accessed from the Credit Summary page by clicking the line representing the *True-up Exposure* market listing or from any other True-up Exposure page by clicking the **True-up Exposure** hyperlink in the breadcrumb trail

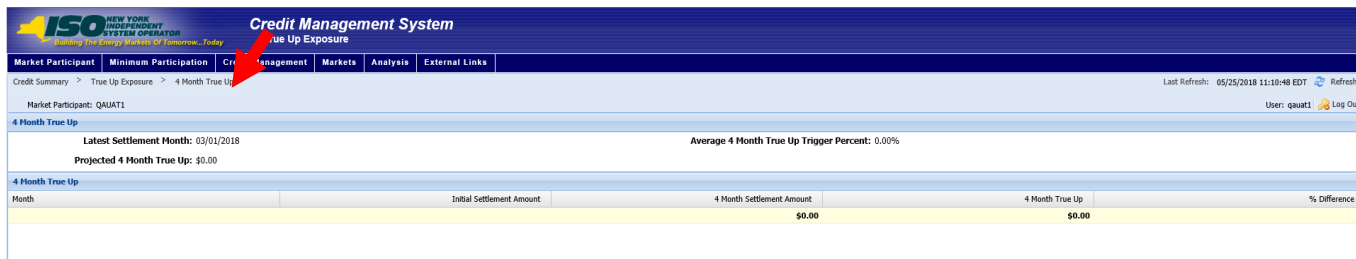
Figure M99: True-up Exposure Credit Requirement Summary Menu Option



Figure M100: Hyperlink to True-up Exposure Credit Requirement Summary Page from Credit Summary Page

 Credit Management System Credit Summary						
Market Participant	Minimum Participation	Credit Management	Markets	Analysis	External Links	
Credit Summary Last Refresh: 02/21/2020 12:48:52 EST Refresh						
Market Participant: QA_TEST User: qa_user Log Out						
Credit Summary						
Posted Credit: \$5,750,000.00		Concentration Cap: \$50,000,000.00				
Unallocated Credit: \$2,000,000.00		Adjusted Unsecured Baseline: \$750,000.00				
Secured Credit: \$5,000,000.00		Capped Unsecured Baseline: \$750,000.00				
Unsecured Credit: \$750,000.00						
You have open Credit Requests View Edit Allocation						
Market Program	Status	Credit Allocated	Credit Requirement	Credit Available	Open Credit Calls	
Energy / Ancillary Services	Active	\$1,000,000.00	\$0.00	\$1,000,000.00	1	
True Up Exposure		\$0.00	\$0.00	\$0.00		
Energy Transactions	Active	\$50,000.00	\$0.00	\$50,000.00		
Installed Capacity (ICAP)	Active	\$600,000.00	\$0.00	\$600,000.00		
Transmission Congestion Contract (TCC)	Active	\$2,000,000.00	\$0.00	\$2,000,000.00		
Virtual Transactions	Active	\$100,000.00	\$0.00	\$100,000.00		
Wholesale Transmission Service Charges (WTSC)		\$0.00	\$0.00	\$0.00		
Day Ahead Demand Response Program (DADRP)	Active	\$0.00	\$0.00	\$0.00		
Demand Side Ancillary Services Program (DSASP)	Active	\$0.00	\$0.00	\$0.00		
Export: Excel PDF						
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Figure M101: True-up Exposure Credit Requirement Hyperlink in a Breadcrumb Trail



The screenshot shows the 'Credit Management System' interface. At the top, there is a navigation bar with tabs for 'Market Participant', 'Minimum Participation', 'Credit Management', 'Markets', 'Analysis', and 'External Links'. Below this, a breadcrumb trail is visible: 'Credit Summary > True Up Exposure > 4 Month True Up'. A red arrow points to the '4 Month True Up' link in this trail. The main content area displays 'Market Participant: QAUAT1' and '4 Month True Up' details, including 'Latest Settlement Month: 03/01/2018' and 'Average 4 Month True Up Trigger Percent: 0.00%'. A table below shows '4 Month True Up' data with columns for 'Month', 'Initial Settlement Amount', '4 Month Settlement Amount', '4 Month True Up', and '% Difference'. The values for '4 Month Settlement Amount' and '4 Month True Up' are both \$0.00.

Figure M102: True-up Exposure Credit Requirement Summary Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Market Participant	The name of the MP the user represents.	N	N	Defaults to MP represented by the user.
Allocated Credit	The amount of Credit currently allocated towards the market	N	N	
Credit Requirement	The amount of Credit required to meet the True-up Requirement	N	N	Sum of the Projected 4 Month True-up and Projected Final Bill True-up
Available Credit	Amount of credit that is currently available to be allocated to the True-up Requirement	N	N	
Avg 4 Month Trigger Pct	The average True-up percentage over the past 4 months of True-up invoices	N	Y	Hyperlink to 4 Month True-up Detail page
Projected 4 Month True-up	The amount of credit that is projected to satisfy the 4 Month True-up Requirement	N	Y	Hyperlink to 4 Month True-up Detail page
Projected Final Bill True-up	The amount of credit that is projected to satisfy the Final Bill True-up Requirement	N	Y	Hyperlink to Final Bill True-up Detail page

Figure M103: True-up Exposure Trend History Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
From Date	Report start date	N	N	Field to enter date
To Date	Report end date	N	N	Field to enter date
Copied Date	The "As of date" for displayed market position	N	N	
Allocated Credit	The amount of Posted Credit allocated to True-up Requirement as of date displayed.	N	N	
Credit Requirement	The calculated Credit Requirement for the MP for True-up Exposure as of date displayed.	N	N	Sum of the Projected 4 Month True-up and Projected Final Bill True-up
Avg 4 Month Trigger Pct	The average True-up Trigger percentage as of date displayed.	N	N	
Projected 4 Month True-up	The amount of credit that is projected to satisfy the 4 Month True-up Requirement as of date displayed.	N	N	Sum of the four most recent 4 Month True-Up Amounts
Projected Final Bill True-up	The amount of credit that was projected to satisfy the Final Bill True-up Requirement as of date displayed.	N	N	Sum of the eight most recent Final Bill True-Up Amounts

Pre-requisite

The user has accessed the True-up Exposure Requirement Summary page.



To view the 4 Month True-up Exposure Detail page

On the True-up Exposure Requirements Summary page, click the *Avg. 4 Month Trigger Pct.*, or *Projected 4 Month True-up* hyperlinks.

Figure M104: Hyperlinks to 4 Month True-up Exposure Detail Page

6.6.1. Viewing 4 Month True-up Exposure Details

The 4 Month True-up Detail page provides a current snapshot view of the 4 Month True-up components that make up part of the True-up Exposure Credit Requirement for the MP.

Figure M105: 4 Month True-up Detail Page

Figure M106: 4 Month True-up Detail Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Latest Settlement Month	The most recently invoiced month	N	N	
Projected 4 Month True-up	Projected amount of 4 Month True-up Exposure credit required	N	N	
Average 4 Month True-up Trigger Percent	The average True-up Percentage over the most recent 4 month true-up invoices	N	N	
Month	Settlement Month (month with a 4 Month True-up)	N	N	
Initial Settlement Amount	Initial settlement amount on the invoice for the settlement month	N	N	
4 Month Settlement Amount	4 Month Settlement Amount on the invoice for the settlement month	N	N	
4 Month True-up	Difference between 4 Month Settlement Amount and the Initial Settlement Amount	N	N	
% Difference	% Difference between 4 Month Settlement Amount and the Initial Settlement Amount	N	N	

Pre-requisite

The user has accessed the True-up Exposure Requirement Summary page.



To view the Final Bill True-up Exposure Detail page

On the True-up Exposure Requirements Summary page, click the *Projected Final Bill True-up* hyperlink.

Figure M107: Hyperlink to Final Bill True-up Exposure Detail Page

Credit Management System
True Up Exposure

Market Participant: QAUART1

Allocated Credit: \$0.00
Credit Requirement: \$0.00
Available Credit: \$0.00

Avg. 4 Month Trigger Pct	Projected 4 Month True Up	Projected Final Bill True Up
0.00%	\$0.00	\$0.00

Export: Excel

True Up Exposure Position Trend History

From Date: 02/24/2018 To Date: 05/25/2018 Get History

Copied Date	Allocated Credit	Credit Requirement	Avg. 4 Month Trigger Pct	Projected 4 Month True Up	Projected Final Bill True Up
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Export: Excel

6.6.2. Viewing Final Bill True-up Details

The Final Bill True-up Detail page provides a current snapshot view of the Final Bill True-up components that make up part of the True-up Exposure credit requirement for the MP.

Figure M108: Final Bill True-up Details Page

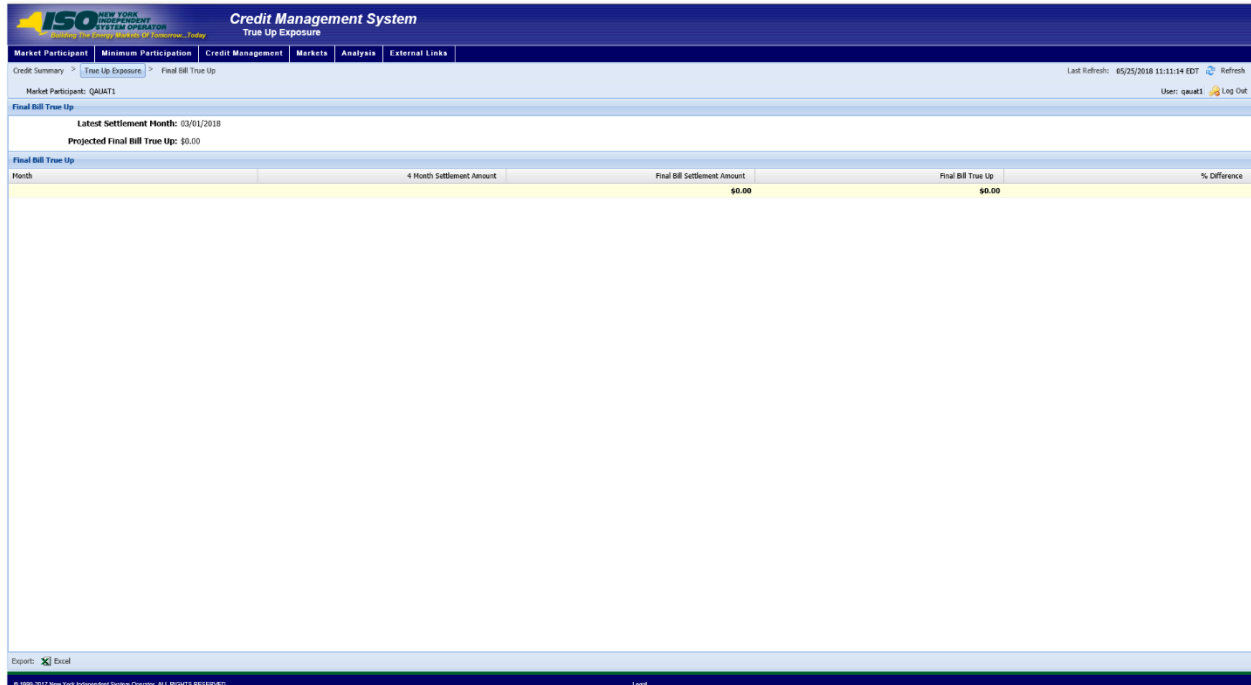


Figure M109: Final Bill True-up Detail Field Definitions

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Latest Settlement Month	The upcoming monthly invoice date	N	N	
Projected Final Bill True-up	Projected amount of True-up Exposure credit required	N	N	
Month	Settlement Month (month with a Final Bill True-up)	N	N	
4 Month Settlement Amount	4 month settlement amount on the invoice for the settlement month	N	N	
Final Bill Settlement Amount	Final Bill Settlement Amount on the invoice for the settlement month	N	N	

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Final Bill True-up	Difference between Final Bill Settlement Amount and the 4 Month Settlement Amount	N	N	
% Difference	% Difference between Final Bill Settlement Amount and the 4 Month Settlement Amount	N	N	

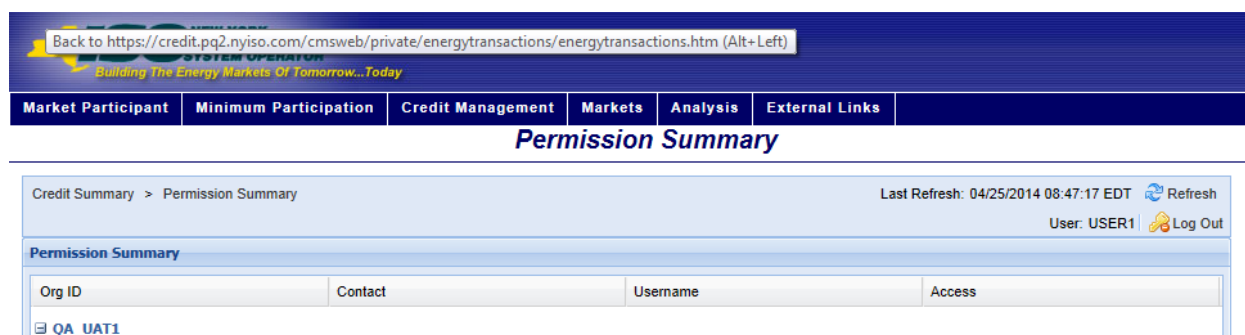
7. Permission Summary

Permission Summary page is accessed via the Analysis menu.

7.1. Viewing the Permission Summary Page

The Permission Summary page displays access permissions by username for each Market Participant.

Figure P1: Permission Summary



To View Permission Summary

1. From the **Analysis** menu, choose the **Permission Summary** option.

Figure P2: Permission Summary Option



Figure P3: Permission Summary Table

Field Name	Field Definition	Editable (Y/N)	Hyperlink Available (Y/N)	Rules
Org ID	The org ID of the MP the user represents	N	N	Defaults to MP represented by the user.
Contact	Name of contact	N	N	
Username	Username of each contact	N	N	
Access	level of access for each username	N	N	CMS_UI_MP_READONLY CMS_UI_MP_FULLACCESS

8. External Links

The CMS provides for accessing certain relevant Web pages external to the system via the *External Links* menu. Clicking any of the options on the menu invokes a new browser window (or tab) displaying the corresponding page.

Figure E1: External Links Menu

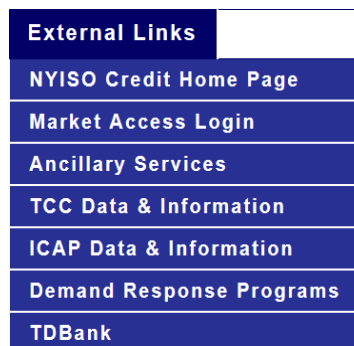


Figure E2: NYISO Credit Department Main Page

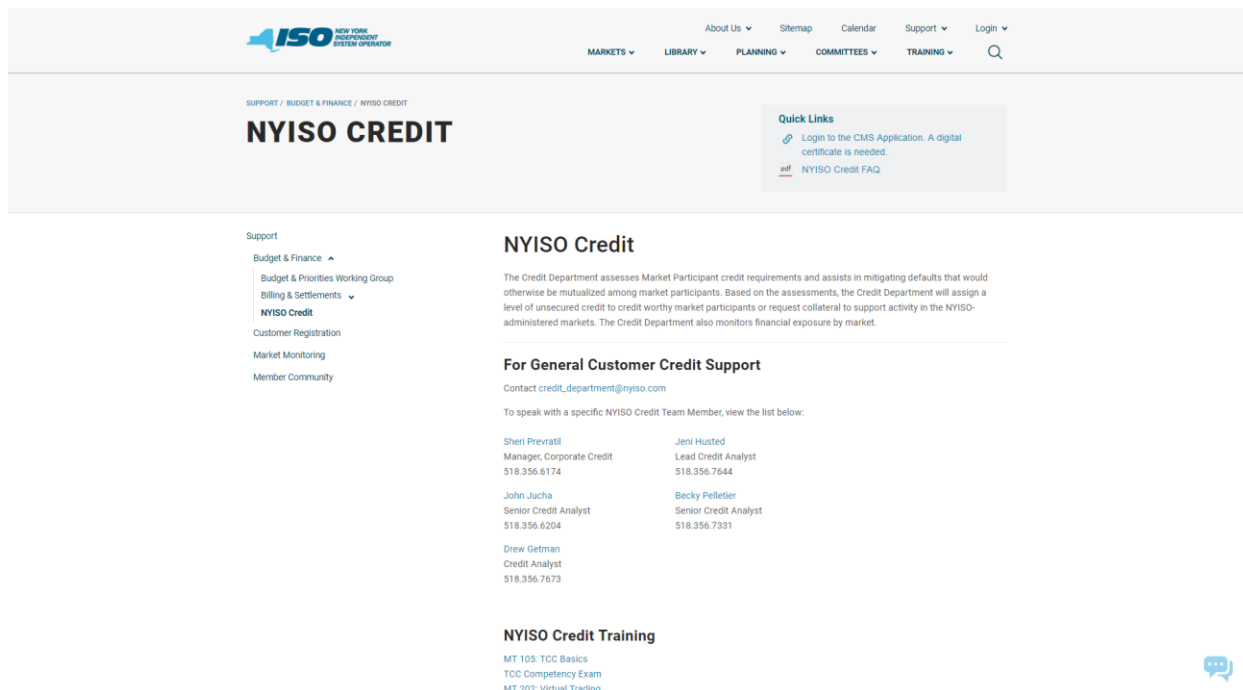
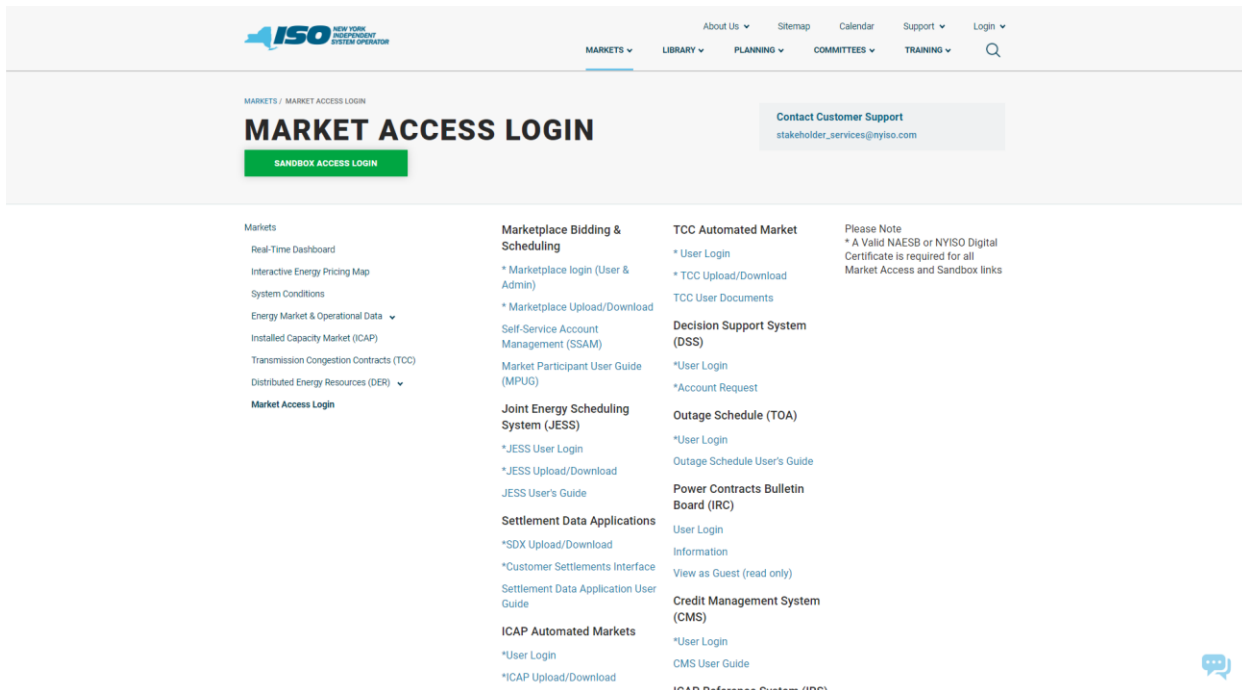


Figure E3: NYISO Market Access Login Page

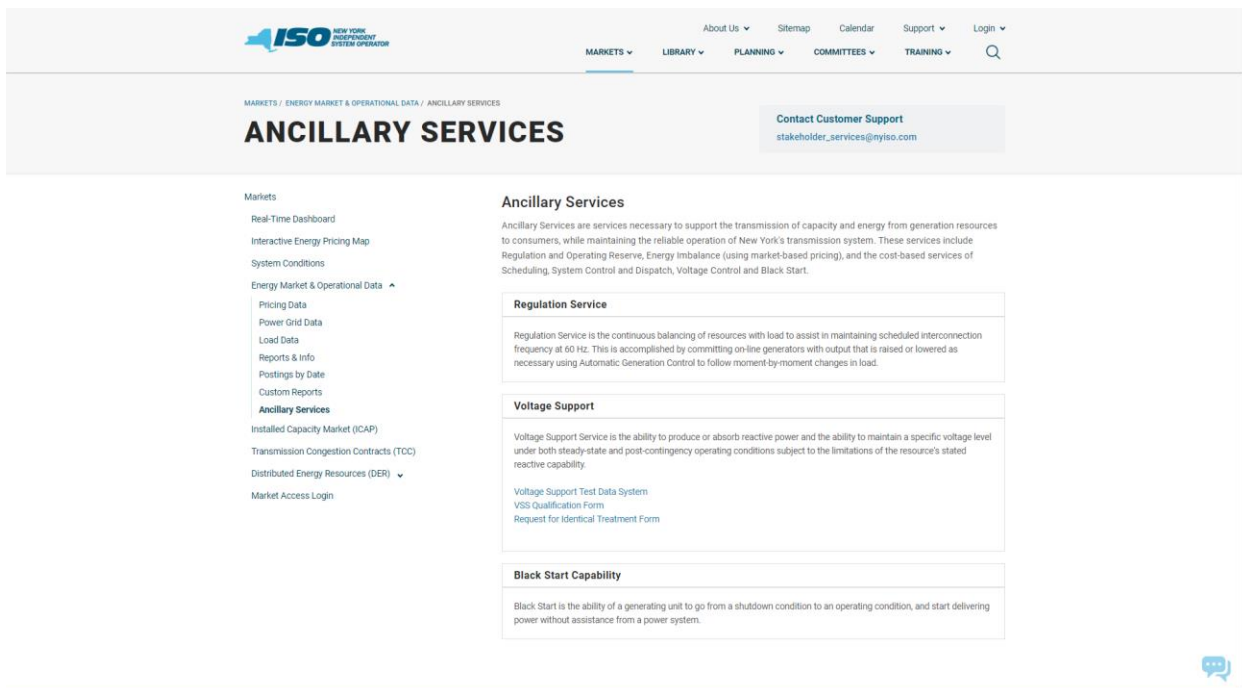


The screenshot shows the NYISO Market Access Login page. At the top, there is a navigation bar with the NYISO logo and links for About Us, Sitemap, Calendar, Support, and Login. Below the navigation bar, there are dropdown menus for MARKETS, LIBRARY, PLANNING, COMMITTEES, and TRAINING, along with a search icon. The main heading is "MARKET ACCESS LOGIN" with a sub-heading "SANDBOX ACCESS LOGIN" in a green box. A "Contact Customer Support" button is visible with the email stakeholder_services@nyiso.com. The page is organized into several columns:

- Markets:** Real-Time Dashboard, Interactive Energy Pricing Map, System Conditions, Energy Market & Operational Data (dropdown), Installed Capacity Market (ICAP), Transmission Congestion Contracts (TCC), Distributed Energy Resources (DER) (dropdown), and Market Access Login.
- Marketplace Bidding & Scheduling:** Marketplace login (User & Admin), Marketplace Upload/Download, Self-Service Account Management (SSAM), Market Participant User Guide (MPUG), Joint Energy Scheduling System (JESS), and Settlement Data Applications.
- TCC Automated Market:** User Login, TCC Upload/Download, TCC User Documents, Decision Support System (DSS), Outage Schedule (TOA), Power Contracts Bulletin Board (IRC), Credit Management System (CMS), and ICAP Reference System (IRS).
- Other Services:** User Login, Account Request, Outage Schedule User's Guide, User Login, Information, View as Guest (read only), User Login, CMS User Guide, and ICAP Upload/Download.

A "Please Note" section states: "A Valid NAESB or NYISO Digital Certificate is required for all Market Access and Sandbox links".

Figure E4: NYISO Ancillary Services Main Page



The screenshot shows the NYISO Ancillary Services main page. It features a similar navigation bar to Figure E3. The main heading is "ANCILLARY SERVICES" with a sub-heading "ANCILLARY SERVICES" in a green box. A "Contact Customer Support" button is visible with the email stakeholder_services@nyiso.com. The page is organized into several sections:

- Markets:** Real-Time Dashboard, Interactive Energy Pricing Map, System Conditions, Energy Market & Operational Data (dropdown), Pricing Data, Power Grid Data, Load Data, Reports & Info, Postings by Date, Custom Reports, Ancillary Services, Installed Capacity Market (ICAP), Transmission Congestion Contracts (TCC), Distributed Energy Resources (DER) (dropdown), and Market Access Login.
- Ancillary Services:** A descriptive paragraph states: "Ancillary Services are services necessary to support the transmission of capacity and energy from generation resources to consumers, while maintaining the reliable operation of New York's transmission system. These services include Regulation and Operating Reserve, Energy Imbalance (using market-based pricing), and the cost-based services of Scheduling, System Control and Dispatch, Voltage Control and Black Start." Below this are three service boxes:
 - Regulation Service:** "Regulation Service is the continuous balancing of resources with load to assist in maintaining scheduled interconnection frequency at 60 Hz. This is accomplished by committing on-line generators with output that is raised or lowered as necessary using Automatic Generation Control to follow moment-by-moment changes in load."
 - Voltage Support:** "Voltage Support Service is the ability to produce or absorb reactive power and the ability to maintain a specific voltage level under both steady-state and post-contingency operating conditions subject to the limitations of the resource's stated reactive capability."
 - Black Start Capability:** "Black Start is the ability of a generating unit to go from a shutdown condition to an operating condition, and start delivering power without assistance from a power system."

Figure E5: NYISO Transmission Congestions Contracts Main Page

The screenshot shows the NYISO Transmission Congestion Contracts (TCC) main page. At the top, there is a navigation bar with the NYISO logo and menu items: About Us, Sitemap, Calendar, Support, and Login. Below the navigation bar, there are dropdown menus for MARKETS, LIBRARY, PLANNING, COMMITTEES, and TRAINING, along with a search icon. The main content area features a large heading "TRANSMISSION CONGESTION CONTRACTS (TCC)" and a sub-heading "MARKETS / TRANSMISSION CONGESTION CONTRACTS (TCC)". A green button labeled "TCC MARKET LOGIN" is prominent. To the right, there is a "Contact Customer Support" section with the email "market_services@nyiso.com" and a "Useful Links" section with links to "TCC AMS User Guide", "TCC Manual & Attachments", "CEII Request Form", and "TCC Upload/Download". Below the main heading, there are three columns of links: "Markets" (Real-Time Dashboard, Interactive Energy Pricing Map, System Conditions, Energy Market & Operational Data, Installed Capacity Market (ICAP), Transmission Congestion Contracts (TCC), Distributed Energy Resources (DER), Market Access Login), "Auction Results" (Binding Constraints, Nodal Prices, Awards Summary, PAR Flows), and "Additional Information" (Summary Of Transmission Contracts, Masked Bids/Offers, Nomination Details). A table titled "Transmission Congestion Contracts (TCC)" is displayed, with columns for Name, Published, and Type. The table lists several categories with expandable arrows: Accepted Revisions to OATT 18.1.1 Att-L Table-1A, Balance-of-Period Training, DAM Marginal Losses and Congestion, Historic Fixed Price TCCs, Incremental TCCs, Information and Announcements, and Non-Historic Fixed Price TCCs.

Figure E6: NYISO Installed Capacity Main Page

The screenshot shows the NYISO Installed Capacity Market (ICAP) main page. At the top, there is a navigation bar with the NYISO logo and menu items: About Us, Sitemap, Calendar, Support, and Login. Below the navigation bar, there are dropdown menus for MARKETS, LIBRARY, PLANNING, COMMITTEES, and TRAINING, along with a search icon. The main content area features a large heading "INSTALLED CAPACITY MARKET (ICAP)" and a sub-heading "MARKETS / INSTALLED CAPACITY MARKET (ICAP)". A green button labeled "ICAP AUTOMATED MARKET SYSTEM LOGIN" is prominent. To the right, there is a "Contact Customer Support" section with the email "stakeholder_services@nyiso.com" and a "Useful Links" section with links to "GADS Portal", "NYSRC IRM Report", and "ICAP Working Group Page". Below the main heading, there are three columns of links: "Markets" (Real-Time Dashboard, Interactive Energy Pricing Map, System Conditions, Energy Market & Operational Data, Installed Capacity Market (ICAP), Transmission Congestion Contracts (TCC), Distributed Energy Resources (DER), Market Access Login), "Automated Market System" (ICAP Event Calendar, Capability Period Auction Summary, Monthly Auction Summary, Spot Auction Summary), "ICAP Reference Material" (ICAP Manual, ICAP AMS User's Guide, Load & Capacity Data (Gold Book), Generator Status Update), and "Current Market Data" (Demand Curve Parameters, ICAP to UCAP Calculations, Default Reference Prices, External Rights Availability). A table titled "Installed Capacity Data" is displayed, with columns for Name, Published, and Type. The table lists several categories with expandable arrows: Announcements, Forms, ICAP Auctions, Manuals-and-Forms, Monthly Reports, and Reference Documents.

Figure E7: NYISO Demand Response Programs Main Page

MARKETS / DISTRIBUTED ENERGY RESOURCES (DER)

DISTRIBUTED ENERGY RESOURCES (DER)

DER are poised to transform New York's wholesale electric system. The NYISO's DER Roadmap identifies a clear path toward integrating DER into the wholesale markets.

Contact Customer Support
 stakeholder_services@nyiso.com 518-356-6060

Useful Links

- ICAP Working Group
- Price-Responsive Load Working Group
- Market-Issues Working Group
- NYISO Key Topics Tracker (DER)
- DER Roadmap

Markets

- Real-Time Dashboard
- Interactive Energy Pricing Map
- System Conditions
- Energy Market & Operational Data
- Installed Capacity Market (ICAP)
- Transmission Congestion Contracts (TCC)
- Distributed Energy Resources (DER)**
 - Demand Response
 - Behind-the-Meter Net Generation (BTMNG)
 - Market Access Login

Distributed Energy Resources Participation Model

The NYISO released its DER Roadmap in February 2017, as a first step to enhancing its market rules for DER participation in the NYISO's energy, ancillary services, and capacity markets. The NYISO is also currently evaluating potential modifications to its existing Demand Response programs as part of this effort. This project will continue developing the market design concepts outlined in the Roadmap.

To learn more, download our DER Roadmap.

DER Roadmap		
Name	Published	Type
DER01 - DER Roadmap		
DER02 - DER Roadmap Workshop 9-22-2016		
DER03 - NYISO Pilot Program		
DER04 - Stakeholder Comments		

Figure E8: TD BANK Login Page

Welcome - Windows Internet Explorer

https://clientpoint.fisglobal.com/tdcb/main/UserLogin?bankNumber=37

TD Wealth

Welcome to TD Wealth Online

Please enter your access ID and click "Continue."

Access ID:

[Continue](#)

Your privacy is our responsibility.

We promise to keep your personal information private and secure. To learn more, please read our [privacy policy](#).

Using Internet Explorer 8 (IE8) as your browser? If yes, click [here](#) to download Google Chrome Frame plug-in and experience improved response time and faster page loads.