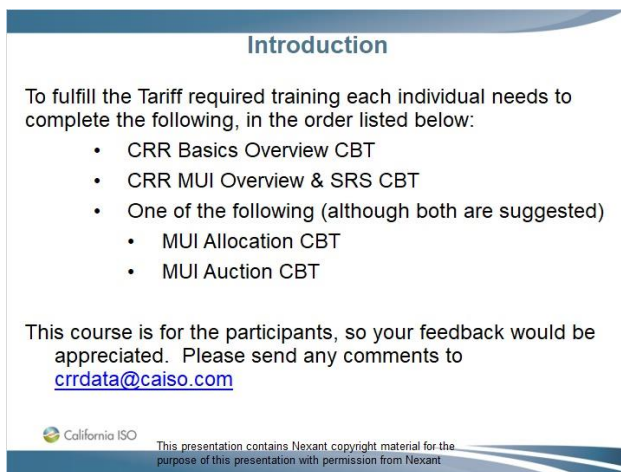# MUI Auction Overview

1. CRR MUI Training - Auction_CBT_2014_04_03

1.1 Congestion Revenue Rights (CRR)

1.2 Introduction

1.3 Goal of this Training Course

Goal of this Training Course

Provide an overview of the various CRR processes that participants should understand in order to be able to participate in the CRR Allocation and/or CRR Auction. This course will specifically focus on the use of the Market User Interface as it relates to the auction processes.

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1.4 Auction Processes - Agenda

Auction Processes - Agenda

In this presentation we will discuss the following topics related to Congestion Revenue Rights and the auction process:

- Auction parameters
- Bid curves
- Portfolio creation / editing / deleting
- Credit margin
- Credit validation
- Portfolio validation and possible errors

California ISO

1.5 Auction Portfolio - Overview

Auction Portfolio - Overview

- Important parameters in the auction market
  - Each bid can contain a maximum number of 20 breakpoints.
  - Maximum bids allowed per portfolio is 1000.
  - Maximum bids allowed per market participant per auction is 100,000.
  - Minimum credit requirement for participating in a monthly auction market is $100,000.
  - Minimum credit requirement for participating in a seasonal auction market is $500,000.

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1.6 Auction Portfolio - Overview

Auction Portfolio - Overview

- Important parameters in the auction market
  - Bid prices are for a CRR term and time-of-use. For example, in the monthly auction the CRR bid is for either all on peak or off peak hours within the month. For the annual auction the CRR bid is for either all on peak or off hours within a season/quarter.
  - Sell bids can be submitted by offering to buy a counter-flow direction for a negative bid price.
  - Sell bids are only taken by the optimization if a counter-party is willing to pay for the counter-flow provided by the sell bid.

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1.7 Auction Portfolio - Overview

1.8 Auction Portfolio List – Current

1.9 Auction Portfolio List - Historical

1.10 Portfolio Management

1.11 Auction Portfolio Editor

1.12 Auction Portfolio Editor

1.13 Auction Portfolio Editor

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1.37 Auction Portfolio Editor

Auction Portfolio Editor

The following error messages are displayed when there is a problem uploading a portfolio

- If upload size file is bigger than 4 MB, the error message: "The upload portfolio file size is over 4MB"
- If the upload file is not an XML file , the error message: "The upload file type is not valid"
- If there is no file to upload, the error message: "There is no XML file to upload"
- If there are no bids in the upload file, the error message: "No auction portfolio bids found in the upload file"
- If there are no valid bids in the XML file, the error message: "No valid bids to upload!"
- If there is an IO exception that is not covered above, the error message: "System file input/output exception occurs"
- If the portfolio upload XML file format does not match the XSD file format, the error message: "XML parsing exception occurs!"

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1.38 Auction Processes - Questions
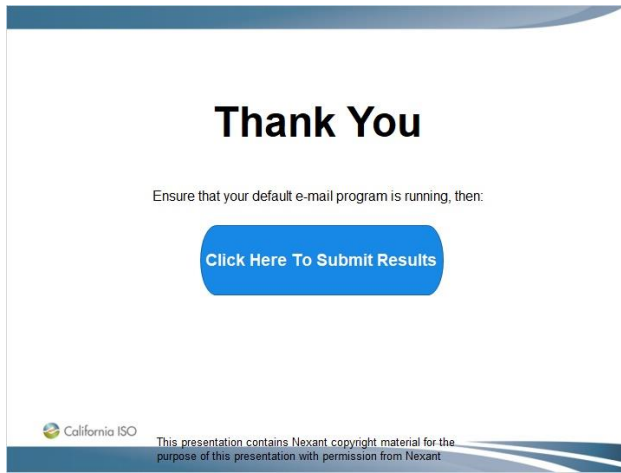
Auction Processes - Questions

In this presentation we discussed the following topics related to Congestion Revenue Rights and the auction process:

- Auction parameters
- Bid curves
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End of CRR MUI Auction training section

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1.39 End - Thank You