

# **AEP Ohio Competitive Bidding Process March 2018 Auction**

**Bidder Webcast  
Friday, January 12, 2018**

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# Disclaimer

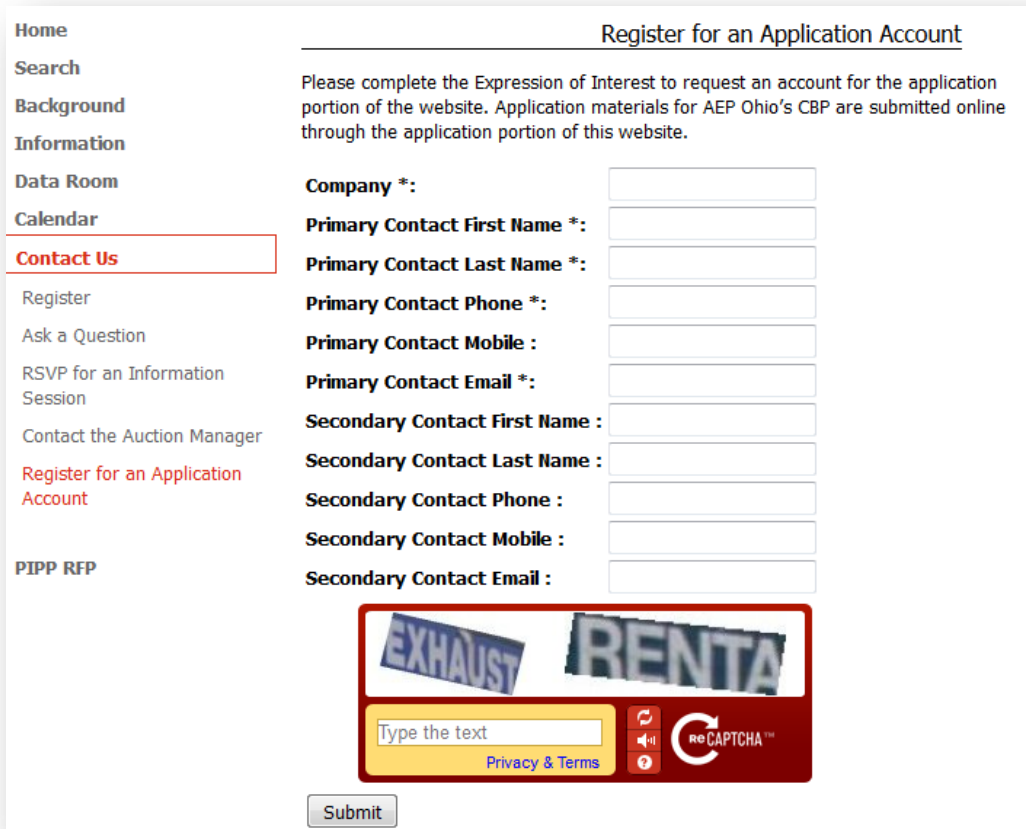
**Any statements herein describing or referring to documents and agreements are summaries only, and are *qualified in their entirety* by reference to such governing documents**

- These governing documents include:
  - PUCO orders including under Case No. 16-1852-EL-SSO and Case No. 16-1853-EL-AAM authorizing an auction in March 2018
  - Bidding Rules for the Auctions Under the Competitive Bidding Process of Ohio Power Company (“CBP Rules”)
  - Master Standard Service Offer (“SSO”) Supply Agreement
  - Rules and Protocols for Participation by Associated Bidders
  - Part 1 Application
  - Part 2 Application

**Please see the CBP website for complete documentation  
<http://www.aepohiocbp.com/>**

# CBP Website is Central Source of Information

## www.AEPOhioCBP.com



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**Contact Us**

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Ask a Question

RSVP for an Information Session

Contact the Auction Manager

Register for an Application Account

PIPP RFP

Register for an Application Account

Please complete the Expression of Interest to request an account for the application portion of the website. Application materials for AEP Ohio's CBP are submitted online through the application portion of this website.

Company \*:

Primary Contact First Name \*:

Primary Contact Last Name \*:

Primary Contact Phone \*:

Primary Contact Mobile :

Primary Contact Email \*:

Secondary Contact First Name :

Secondary Contact Last Name :

Secondary Contact Phone :

Secondary Contact Mobile :

Secondary Contact Email :

EXHAUST RENTALS

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### Contact Us / Register

- Sign up for email alerts

### Contact Us / Ask A Question

- Allows bidders to ask questions
- All Q&As posted as FAQs

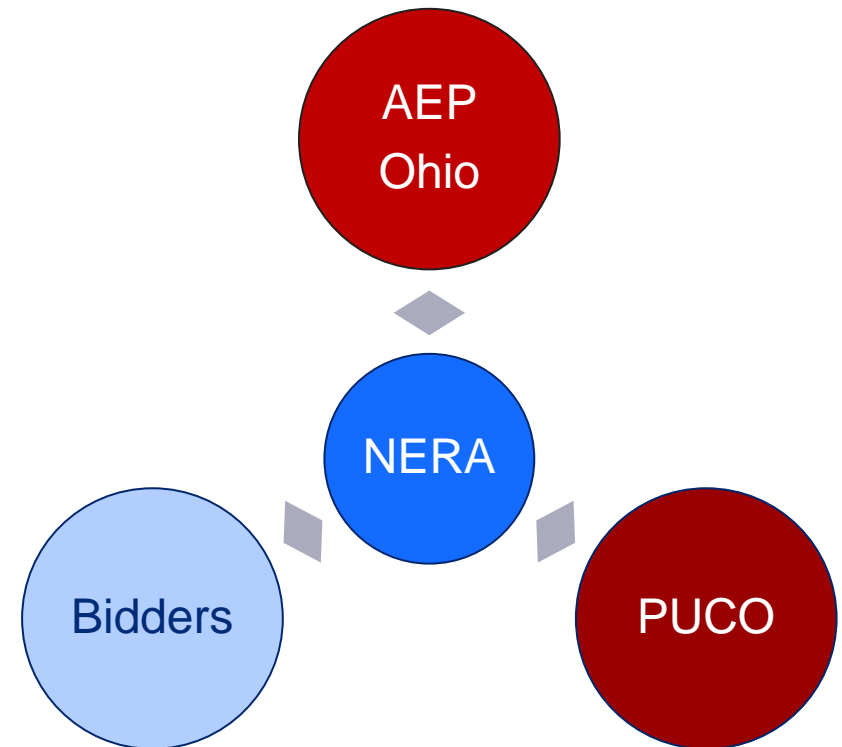
### Get account for Application website

- Username and password for access to forms

This presentation as well as questions and answers will be posted to the CBP website

# NERA's Role as Auction Manager

Role	Description
<b>Communication</b>	To be the main point of contact with bidders
<b>CBP Rules</b>	To ensure the CBP Rules, as approved by the PUCO, are followed
<b>Qualifications</b>	To ensure bidder qualifications are evaluated equitably and fairly
<b>Auction</b>	To administer the Auction
<b>Results</b>	To present results to PUCO

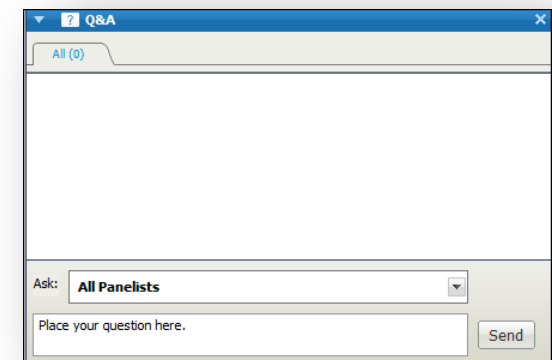


# Agenda

1. Overview of this Auction
2. Product Design and Contract
3. Application Process
4. Bidding in the Auction
5. CBP Website

## Ask a Question during the Webcast

- Questions will be taken in writing through the WebEx interface:
  - Locate the “Q&A” on the right hand side of your screen
  - Select “All Panelists” in the “Ask” box
  - Type in your question including the relevant slide number
  - Click “Send” to submit your question
- We will respond to questions as we go along as practicable and we will also pause to provide responses:
  - After Part 2 on “Product Design and Contract”
  - At the end of the presentation



# Part 1 | Overview

# Upcoming Auction is on March 6, 2018

- This is the second of a series of **full requirements auctions** proposed under **Case No. 16-1852-EL-SSO** (“Amended ESP III”)

Auction	Product Months	Load Cap	2017		2018												2019												2020												2021																						
			11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12											
1 (Nov. 2017)	12	40	1													17%												12 Month																																			
	24															17%												24 Month																																			
	36															16%																								36 Month																							
2 (Mar. 2018)	12	40														17%												12 Month																																			
	24														17%												24 Month																																				
	36														16%																								36 Month																								
3 (Nov. 2018)	12	13																										17%												12 Month																							
4 (Mar. 2019)	12	13																										17%												12 Month																							
...	...	...																																																													



# Recap of Changes under Amended ESP III

- Credit-based tranche cap is
  - applied in a given auction across all products
  - no longer an overall cap across all auctions
- Requirements for foreign entities
  - In Part 1, a foreign bidder (or foreign guarantor) must provide **drafts of additional documents required under the Master SSO Supply Agreement**
  - In Part 2, such bidder must provide the **executed additional documents** incorporating all changes required by AEP Ohio

## Results of Previous Auction

<b>Registered Bidders</b>	12
<b>Rounds in the Auction</b>	16
<b>Range of Starting Prices</b>	\$65/MWh - \$85/MWh
<b>Delivery Period Start</b>	June 1, 2018

<b>Product</b>	<b>Tranche Target</b>	<b>Clearing Price (\$/MWh)</b>
<b>12-month</b>	17	52.39
<b>24-month</b>	17	49.32
<b>36-month</b>	16	47.27

PUCO accepted results on November 29, 2017.

# Product Description

<b>Product</b>	Load-following, slice-of-system, full requirements Denominated in tranches
<b>Tranche</b>	a fixed percentage of the load of SSO customers
<b>SSO Customers</b>	those customers who take retail generation service from AEP Ohio, excluding PIPP customers
<b>Delivery Point</b>	Pnode ID 1269364670
<b>LSE Responsibility</b>	is assumed by the SSO Supplier, including scheduling SSO Supply and making arrangements for delivery of SSO Supply

# Supply Will Be Divided into Tranches

<b>Auction Date</b>
<b>Tuesday, March 6</b>

Product	Delivery Period	Tranche Target	Load Cap	Tranche Size
<b>12-month</b>	<b>June 2018- May 2019</b>	<b>17</b>	<b>40</b>	<b>1%</b>
<b>24-month</b>	<b>June 2018- May 2020</b>	<b>17</b>		<b>1%</b>
<b>36-month</b>	<b>June 2018- May 2021</b>	<b>16</b>		<b>1%</b>

## Auction Format is a Clock Auction

- A product is the SSO Load for a given supply period
- **Multiple products and multiple rounds**
  - Each round, suppliers state how many tranches they want to supply at the going price announced by the Auction Manager
  - From one round to the next, auction continues and price ticks down if there is excess supply
- Switching between products is allowed
- Auction concludes when no price ticks down
- **No sealed bid round**: bidders provide exit prices as they withdraw tranches throughout the Auction
- Auction establishes a **single clearing price for each product**

# Announcement: Minimum and Maximum Starting Prices, MW-Measure

- The **minimum and maximum** starting prices are:

<b>Max</b>	<b>\$85/MWh</b>
<b>Min</b>	<b>\$65/MWh</b>

- **The PLC (MW)** is based on the five highest coincident peaks experienced by PJM in prior year for SSO customers (i.e., non-shopping only)
- The MW-measure is provided for reference and information purposes only

<b>PLC (MW)</b>	<b>2,533</b>
<b>MW-measure*</b>	<b>25.33</b>

\*The amount of actual quantity to be delivered depends on many factors (e.g., migration of SSO customers).

- Suppliers are paid the auction clearing price for each MWh of supply during the delivery term (Seasonal Factors = 1.00)

# Key Events

M	T	W	Th	F
Jan. 15	16 <b>P1 Window Opens</b>	17	18	19
22	23	24	25	26 <b>P1 Due</b>
29	30	31	Feb. 1 <b>P1 Notification</b>	2 <b>P2 Window Opens</b>
5	6	7	8	9
12	13	14	15 <b>P2 Due</b>	16
19	20	21	22	<b>P2 Notification</b> 23
26	27	<b>Trial Auction</b> 28	Mar. 1	2
5	6 <b>Auction Starts</b>	7	8	9

**By January 26:** Bidders can access account for application website

## Announcements:

**Jan. 12:** Tranche targets, tranche size, MW-measure, and range of starting price

**Feb. 2:** Update to seasonal factors and MW-measure

**Mar. 1:** Round 1 price for Registered Bidders

# Application Process is Online

## Part 1 Application (Jan. 16 – Jan. 26)

- Provide contact and company information
- Upload Inserts
- Upload required supporting documents

## Part 2 Application (Feb. 2 – Feb. 15)

- Provide information and indicative offer
- Upload Inserts
- Provide hardcopy of pre-bid letter of credit or wire cash

**No hardcopy of application forms required!**



## Post-Auction: PUCO Approval and Power Flow

- Auction results are contingent on final PUCO approval
- Auction Manager submits a **confidential report** on auction results to PUCO on the day the Auction closes
- PUCO will issue a decision **within two days of auction close**
  - If PUCO does not act within this window, auction results are deemed accepted
- PUCO may publicly release the auction clearing price and the names of the winning bidders from the Auction
- Master SSO Supply Agreement fully executed and winning bidders fulfill creditworthiness requirements **within three days** of the Commission's acceptance of results

## Part 2 | Product Design and Contract

## Full Requirements

- SSO Suppliers:
  - **Will assume all responsibilities of an LSE**
  - Are responsible for providing full requirements service to SSO customers of AEP Ohio, excluding PIPP customers, and to bear all costs that are associated with this responsibility
- Full requirements service and the LSE obligations of SSO Suppliers are defined in the Master SSO Supply Agreement

**Attachment F of the Master SSO Supply Agreement:  
Sample PJM Invoice**

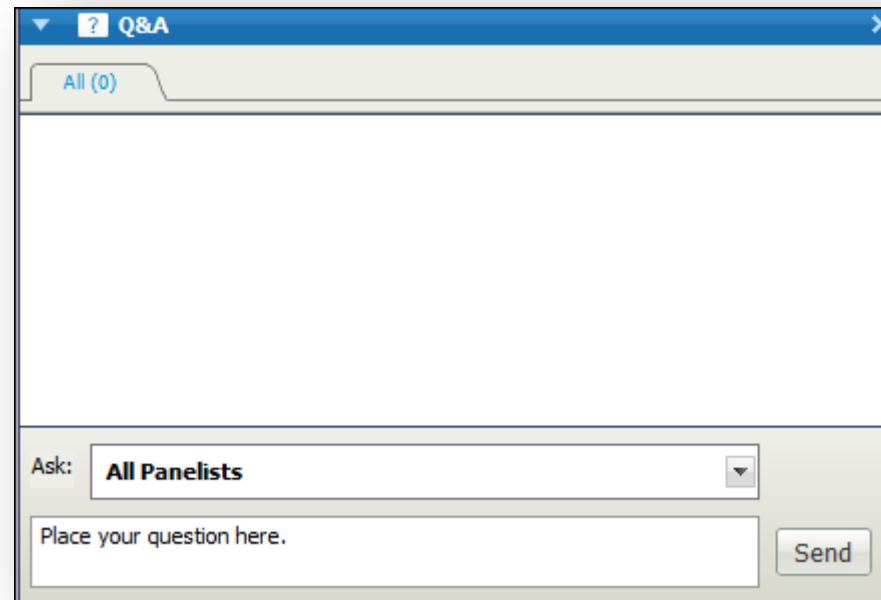
# Credit Requirements under the Master SSO Supply Agreement

## Two Credit Requirements and Two Unsecured Credit Lines:

- **Independent Credit Requirement (ICR)** and the **Independent Credit Threshold (ICT)**
    - Amount required per tranche; declines throughout the term of the Master SSO Supply Agreement
  - **Mark-to-Market (MTM)** and **Credit Limit**
    - Differences between the prevailing market prices on a valuation date and the market prices in effect on the date the Auction is completed
- Credit Limit and Independent Credit Threshold will depend upon a credit evaluation
- Form of Guaranty and Form of Performance Assurance Letter of Credit provided as attachments to the Master SSO Supply Agreement

## Questions?

- To submit questions to the presenters, **please locate the “Q&A” on the right hand side of your screen**, and select “All Panelists” in the “Send to” box; type in your question and click “Send” to submit your question

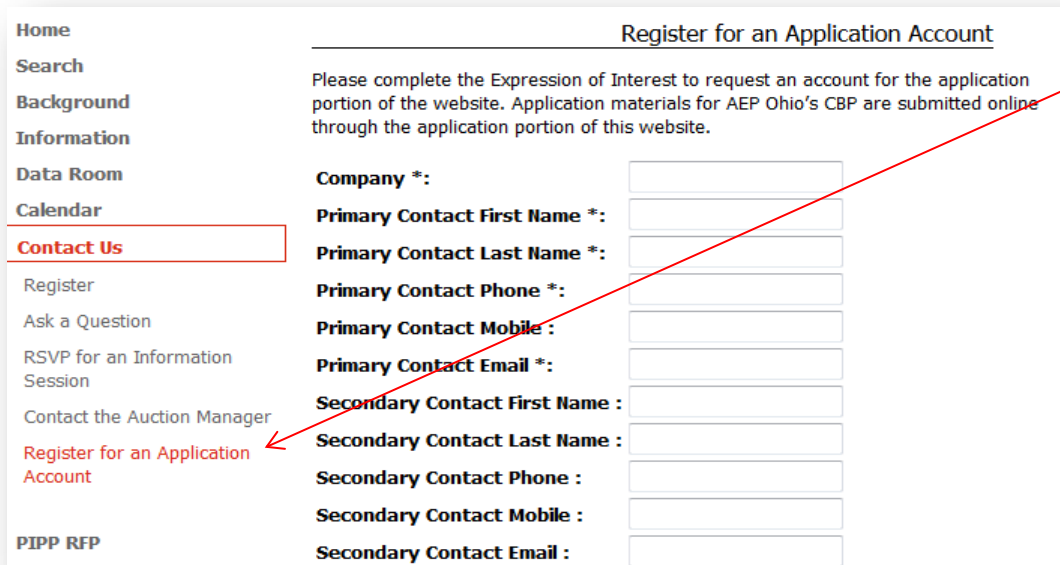


The screenshot shows a window titled "Q&A" with a close button. Inside the window, there is a tab labeled "All (0)". Below the tab is a large empty text area. At the bottom of the window, there is a section labeled "Ask:" with a dropdown menu currently set to "All Panelists". Below the dropdown is a text input field with the placeholder text "Place your question here." and a "Send" button to its right.

# Part 3 | Application Process

# Register for your Online Application Account Only for NEW bidders

## www.AEPOhioCBP.com



Home  
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Calendar  
**Contact Us**  
Register  
Ask a Question  
RSVP for an Information Session  
Contact the Auction Manager  
Register for an Application Account  
PIPP RFP

Register for an Application Account

Please complete the Expression of Interest to request an account for the application portion of the website. Application materials for AEP Ohio's CBP are submitted online through the application portion of this website.

Company \*:  
Primary Contact First Name \*:  
Primary Contact Last Name \*:  
Primary Contact Phone \*:  
Primary Contact Mobile :  
Primary Contact Email \*:  
Secondary Contact First Name :  
Secondary Contact Last Name :  
Secondary Contact Phone :  
Secondary Contact Mobile :  
Secondary Contact Email :

Contact Us / Register for  
an Application Account

Alternatively, email  
[AEP-CBP@nera.com](mailto:AEP-CBP@nera.com) with:

- Company name
- full name of contact
- phone and alternate number
- email address

Returning bidders will receive reminder of  
login credentials by email from the  
Auction Manager

# Application Process Features and Reminders

- Application process for returning bidders is **streamlined**
  - Reminder of login credentials will be sent to returning bidders
  - Part 1 Form **pre-populated** with previously submitted contact information and PJM information
  - All bidders (including returning bidders) must provide financial information and make certifications
- **Inserts**. Bidders download, prepare, sign, and upload their own “Inserts” with their applications
- **Acceptable modifications of credit documents** are posted on the CBP website



# Up-Front Requirements for Part 1 Are Simple

## 1. Applicant's Contact Information

- Representative: Represents the Applicant in the Auction
- Legal Representative in Ohio: Agrees to accept service of process
- Nominees (optional): to be included in electronic communications from the Auction Manager to the bidder along with Representative

## 2. PJM requirements

- Qualified as a “Market Buyer” and “Market Seller”
- Qualified as a “Load Serving Entity”

**Notifications sent to Representative  
and Nominees by email**

# Certifications, Financial Information, and Documents

## 3. Certifications

- Agree to terms of Master SSO Supply Agreement
- Agree to CBP Rules
- Keep information related to the Auction confidential

## 4. Financial Information

- Annual and quarterly financial statements
- Credit ratings
- Additional information for foreign applicants or applicants relying on foreign guarantor
- Submit via upload to application website

## 5. Request for modifications to pre-bid credit instruments (optional)

- Submit redline via upload to application website
- Any modification accepted for one bidder will be made available to all bidders on an optional basis

**New and Returning Bidders  
Provide This Information and Documents**

# List of Inserts and to whom they apply

#	Insert	Required/ or Optional	Waived for Returning Bidders
P1-1	Representative Designation	YES	YES
P1-2	Representative Responsibilities	YES	YES
P1-3	Designation of Nominees Insert	OPTIONAL	NO
P1-4	Legal Representative	YES	YES
P1-5	PJM Requirements	Limited Circumstances	NO
P1-6	Certifications	YES	NO
P1-7	Bidding Agreement	Limited Circumstances	NO

## Part 2 Application: To Be Registered as a Bidder

1. Submit an indicative offer and preliminary interests
2. Submit pre-bid security
3. Make certifications including compliance with Rules related to Associations and Handling of Confidential Information
4. Provide additional certifications
5. **Foreign entities:** Provide executed additional documents required under the Master SSO Supply Agreement

**Requirements for new and returning bidders are the same  
In the Part 2 Application**

# Indicative Offer and Preliminary Interests

1. **Submit an indicative offer** - the maximum number of tranches that the bidder is willing to bid
  - At the minimum starting price and at the maximum starting price

Credit-Based Tranche Cap

Minimum Starting Price	Indicative Offer
\$ <input style="width: 100px;" type="text" value="65"/> /MWh	<input style="width: 100px;" type="text"/> Tranches
Maximum Starting Price	Indicative Offer
\$ <input style="width: 100px;" type="text" value="85"/> /MWh	<input style="width: 100px;" type="text"/> Tranches

- The indicative offer at the maximum starting price **determines**:
  - The maximum number of tranches that the bidder can bid in the Auction (the initial eligibility)
  - The amount of pre-bid security required with the Part 2 Application

# Preliminary Interest is by Product

Preliminary Interest (number of tranches)		
Product	Preliminary Interest at the Minimum Starting Price:	Preliminary Interest at the Maximum Starting Price:
12-Month		
24-Month		
36-Month		

- Bidder provides number of tranches that it intends to bid of each product at the minimum and maximum starting prices
- **Preliminary interest** in a product at a given price **should not exceed the indicative offer** at that price
- **Sum of preliminary interests** can exceed the indicative offer

# Bidders are Subject to Load Caps

- A bidder cannot bid or win more than **80% of the tranches available** at the start of the Auction
- Amount a bidder can bid and win could be further reduced to the credit-based tranche cap depending on creditworthiness assessment of Bidder or Guarantor

Credit Rating for Bidder or Guarantor			
S&P	Moody's	Fitch	Credit Based Tranche Cap
BB and above	Ba2 and above	BB and above	No cap
BB-	Ba3	BB-	10
Below BB-	Below Ba3	Below BB-	5
Not rated			5

# Additional Part 2 Requirements

## 2. Submit pre-bid security

- Each Qualified Bidder must submit a letter of credit or cash in an amount of **\$500,000** per tranche of its indicative offer at the maximum starting price
- **Additional pre-bid security** may be required (**\$300,000** per tranche)

## 3. Certify compliance with Associations and Confidential Information Rules

- Certify that applicant is not “associated with” another Qualified Bidder to promote competitiveness of the Auction
- Keep information related to the Auction confidential

## 4. Provide Additional Certifications

- Agree that bids in auction will be a binding obligation
- Agree not to assign rights as Registered Bidder



# Additional Part 2 Requirements

## 5. Requirements for foreign entities

- A foreign bidder or a bidder desiring to rely on the creditworthiness of a foreign entity must provide the **executed additional documents** required under the Master SSO Supply Agreement
- Additional documents include **an opinion from foreign counsel** and **a sworn certificate of the corporate secretary**
- Additional documents should incorporate all changes required by AEP Ohio upon review of the draft documents submitted with the Part 1 Application

# List of Inserts and to whom they apply

#	Insert	Applies to
P2-1	Cash Certification	Special Circumstances
P2-2	Certifications	All Bidders

## Part 4 | Bidding in the Auction

## Auction Format is a Clock Auction

### – Multi-product design

- Tranches for all products are procured at once

### – Multi-round design

- Suppliers state how many tranches they want to supply at prices suggested by the Auction Manager
- Price for a product ticks down if there is excess supply for that product
- Suppliers can switch their bids from one product to another

# Rounds Have Three Phases

## Bidding Phase

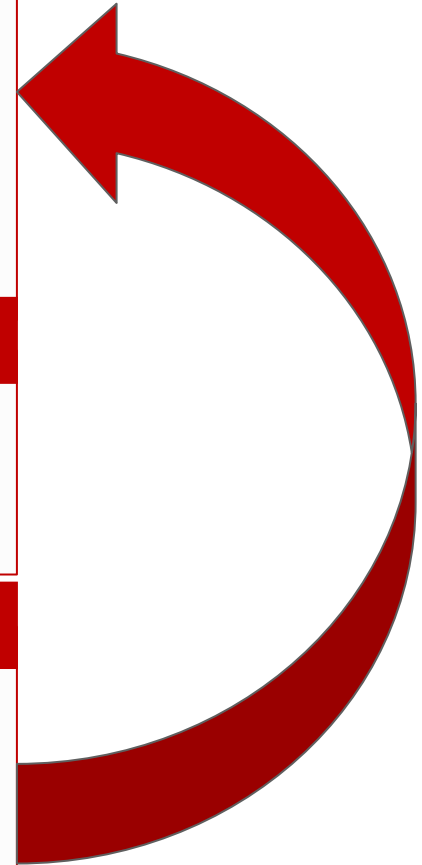
- Suppliers state how many tranches they want to supply of each product at going prices in round
- Auction Manager informs Registered Bidders of Round 1 prices no later than 3 days before auction

## Calculating Phase

- Auction Manager tabulates the results of that round's bidding phase and calculates the prices for the next round

## Reporting Phase

- Information provided to bidders:
  - Total Excess Supply range; and
  - Going prices for next round



## Possible Reduction of Tranche Targets

- If there is insufficient supply for the tranches to ensure competitive bidding, **the Auction Manager has the discretion to reduce the tranche targets**
- The criteria that could lead to such a reduction will be determined prior to the Auction, but will not be announced to bidders
- Once certain pre-specified criteria have been met, the discretion to reduce the tranche targets will be eliminated

## Bid in Round 1

- A bid in round 1 is a number of tranches of each product that the bidder is willing to supply at the round 1 prices
- Bidder cannot bid (in total across all products) more than its initial eligibility determined by the indicative offer at the maximum starting price
- Bidder will not be able to increase the number of tranches bid throughout the Auction (but a bidder may increase the number of tranches bid on a particular product by switching)

# Sample Reports

## Bidder sees:

- Range of total excess supply
  - Total excess supply aggregates excess supply for all products and free eligibility
  - Range provided includes actual excess supply
- The next round prices
- The result of the bidder's own bid

Report: Round 1	
Total Excess Supply 51-55	
Product Type	Round 2 Price (\$/MWh)
12-month	67.75
24-month	69.25
36-month	70.15

**Bidder has no information about others' bids, identities or eligibilities**



## Information in Bidder User Manual

- **Decrement is related to amount of excess supply**
  - For each product, price ticks down if there is excess supply
  - Price for a product ticks down more than another if there is more excess supply on that product
  - Formula or table for determination of decrements will be provided to bidders
  - Auction Manager has discretion to override decrement
- Possible ranges of total excess supply provided in Bidder User Manual
- Bidder User Manual provided to Registered Bidders

## Bidding in Round 2 and Subsequent Rounds

- In response to reduced prices, a bidder may:
  - Leave bid unchanged
  - Withdraw tranches from the Auction
  - **Switch**: Reduce tranches bid on one product and increase tranches bid on another
  - **Withdraw and Switch**
- Bidder cannot bid more than its eligibility across all products
  - In round 2, eligibility is the number of tranches bid in round 1
  - In round 3 and all subsequent rounds, eligibility in a round is the eligibility in the prior round less any tranches that were withdrawn from the Auction

# Can a Bidder Always Decrease the Number of Tranches Bid?

- **No.** In a round, if the price for a product has not ticked down, a bidder cannot reduce the number of tranches bid for that product
  - Any bid is a **binding obligation** to supply at the price at which the bid was made
  - If the price for a **product** does not tick down in a round, a bidder's offer at that price cannot be rescinded
    - The bidder cannot decrease the number of tranches bid for the product (either by decreasing the number of tranches bid in total or by reducing the number of tranches bid on the product while increasing the number of tranches bid on another product)

# Withdrawing Tranches

- When reducing the number of tranches bid, a bidder must provide an **exit price**

	12-month	24-month	36-month
Price Round 1 (\$/MWh)	60.00	62.00	70.00
Bid Round 1 (tranches)	6	3	8
Price Round 2 (\$/MWh)	58.00	61.75	68.50
Bid Round 2 (tranches)	6	3	<b>7</b>
Exit Price			<b>69.37</b>

- Exit price is a **last and best offer**
  - Above current going price
  - Below or equal to previous going price
- Eligibility is lost whether or not the withdrawal is retained

# A Bidder May Need to Provide Additional Information When Switching

	12-month	24-month	36-month
Price Round 1 (\$/MWh)	60.00	62.00	70.00
Bid Round 1 (tranches)	6	3	8
△	+1	+1	-2
Price Round 2 (\$/MWh)	58.00	61.75	68.50
Bid Round 2 (tranches)	7	4	6
Switching Priority	1	2	

- When a bidder reduces the tranches bid on a product and increases the number of tranches bid on two products, the bidder will be asked for a switching priority
- This is used by the Auction Manager in case only some of the reductions can be granted (a denied switch subsequently outbid leads to free eligibility)

# A Bidder May Need to Provide Additional Information When Switching AND Withdrawing

	12-month	24-month	36-month
Price Round 1 (\$/MWh)	60.00	62.00	70.00
Bid Round 1 (tranches)	6	3	8
△	+1	-1	-1
Price Round 2 (\$/MWh)	58.00	61.75	68.50
Bid Round 2 (tranches)	7	2	7
Exit Price			69.37
Designate Exit			√

- When decreasing the number of tranches bid from two products **and** switching, the bidder will be asked to designate which tranche is being withdrawn
- The bidder can name an exit price for the withdrawn tranche

## Changes in Round 2 Reporting (from Round 1)

- A bidder can request a switch or a withdrawal – but it may not always be granted
  - Auction Manager may retain tranches from withdrawals or deny switches if necessary to fill the tranche targets
  - Auction Manager fills tranche target first with tranches bid at the going price, then by retaining withdrawals, then by denying switches (if necessary)
  
- Each bidder gets **information**:
  - A range of total excess supply
  - The prices for next round
  - The bidder's own bid including
    - Any tranches requested to be withdrawn that were retained (retained at the named exit price)
    - Any tranches requested to be switched that were denied (retained at the last price at which tranches were freely bid)

## How Does the Auction Continue and Close?

- Auction continues as long as there is total excess supply:
  - When there are more tranches bid than there are available
- Auction closes: When total excess supply equals zero and prices no longer tick down
- Bidding on all products will stop at the same time and all bidders that win tranches for a product get the same price
  - Price for a product is lowest price at which tranche target for the product is filled
  - Could be the going price of the last round, an exit price, or the price associated with a denied switch



# Auction Clearing Price Example

Round	Price \$/MWh	Bidder A	Bidder B	Bidder C	#Bid	Target	#Bid – Target
R11	39.42	7	8	4	19	17	2
R12	38.68	5	7	2	14	17	-3

<b>Tranches withdrawn</b>	2	1	2
<b>Exit Prices</b>	38.69	38.99	39.42

To fill the tranche target of 17 tranches:

1. take 14 tranches bid at going price
2. take 2 tranches at \$38.69
3. take 1 tranche at \$38.99

<b>Retained Tranches</b>	2	1	0
<b>Auction Clearing Price</b>		<b>\$38.99</b>	

Auction clearing price is \$38.99/MWh, the lowest price at which all tranches available are filled

# Basics of the Bidding Methods

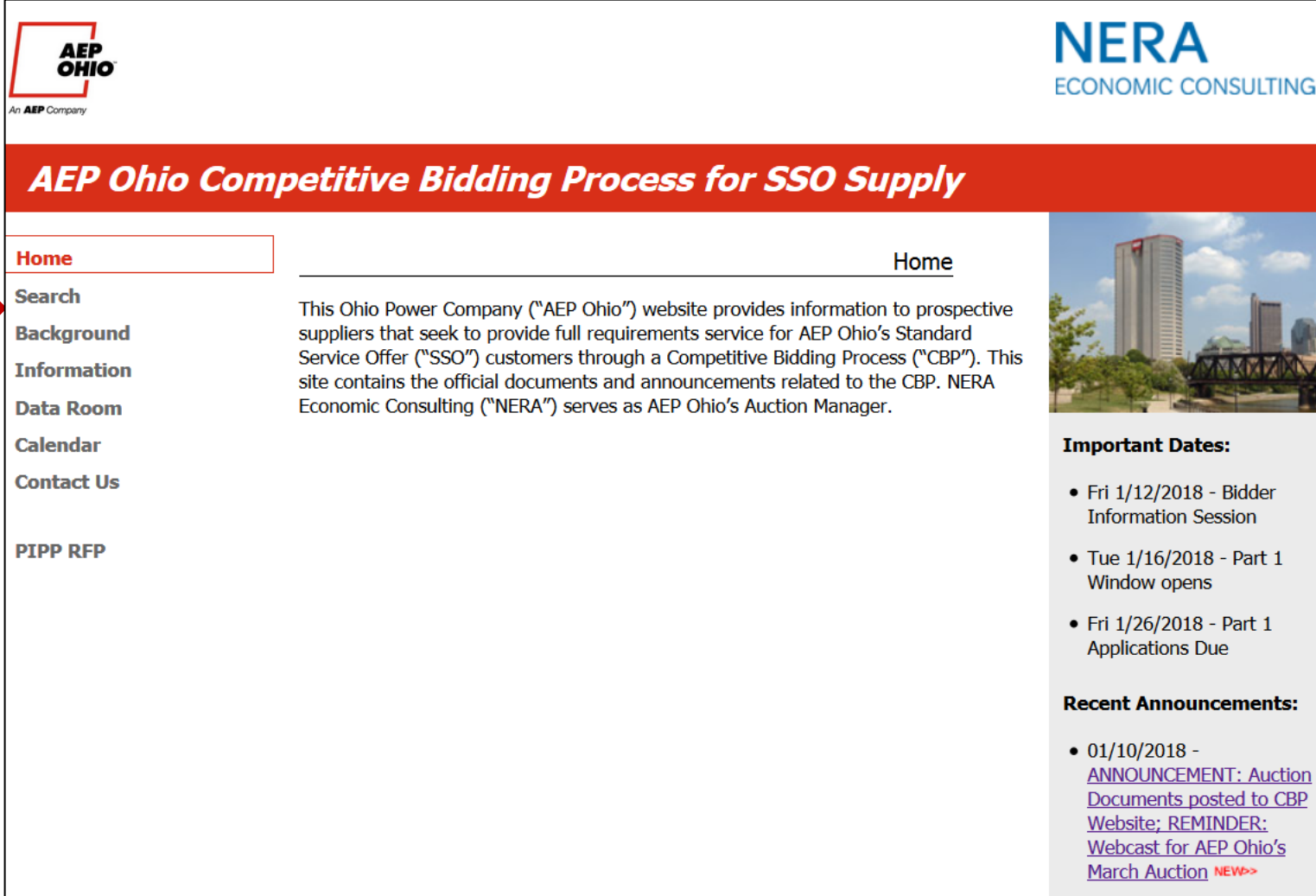
1. **Bidders submit bids online using the Auction Software.** The Trial Auction (Wednesday, February 28, 2018) is the bidders' opportunity to practice
2. The backup bid procedure is by phone
3. The last bid submitted and verified by the bidder in the bidding phase and processed by the Auction Software is the bid that counts. A backup bid counts when entered and verified by the Technical Assistant in the bidding phase and processed by the Auction Software, not when it is called in
4. **It is the bidder's responsibility to get a bid in on time.** It is the bidder's responsibility to ascertain the systems needed to minimize the chance that technical difficulties will impair its ability to bid in the Auction
5. If providing a backup bid, it is the bidder's responsibility to provide a complete bid consistent with the CBP Rules

# System Requirements are Minimal

Standard PC	Windows 7 or later, or MacOS 10.7 or later
Internet Connection	Primary access through a company network
Supported Web Browser	Internet Explorer 11 or later, as well as the most recent versions of Mozilla Firefox, Apple Safari, or Google Chrome

# Part 5 | CBP Website

Navigation



The screenshot shows the website for the AEP Ohio Competitive Bidding Process for SSO Supply. At the top left is the AEP OHIO logo with the tagline "An AEP Company". At the top right is the NERA ECONOMIC CONSULTING logo. Below the logos is a red banner with the title "AEP Ohio Competitive Bidding Process for SSO Supply". A navigation menu on the left includes links for Home, Search, Background Information, Data Room, Calendar, Contact Us, and PIPP RFP. The main content area features a "Home" link and a paragraph explaining that the website provides information to prospective suppliers for AEP Ohio's Standard Service Offer (SSO) customers through a Competitive Bidding Process (CBP). NERA Economic Consulting is identified as the Auction Manager. On the right side, there is a photograph of a city skyline and a section titled "Important Dates:" listing three key events: a Bidder Information Session on 1/12/2018, a Part 1 Window opening on 1/16/2018, and Part 1 Applications Due on 1/26/2018. Below this is a "Recent Announcements:" section with a link to an auction announcement from 01/10/2018, including a reminder for a March auction.

Key Dates and Announcements

## Document page includes:

- CBP Rules
- Master SSO Supply Agreement
- Qualification Information
- Credit Instruments
- Communications Protocols
- Associated Bidder Rules
- Glossary of key terms



The screenshot shows the AEP Ohio website's 'Information' tab for the 'AEP Ohio Competitive Bidding Process for SSO Supply'. The page features a navigation menu on the left with 'Information' highlighted. The main content area is titled 'Documents' and contains a list of documents categorized into 'Auction Documents - March 2018', 'Master SSO Supply Agreement Documents - March 2018', 'Guaranty Process - March 2018', and 'Pre-Bid Credit Documents - March 2018'. Each document entry includes a title, date, and a download icon. On the right side, there is a section for 'Important Dates' and 'Recent Announcements' with links to various documents and webcasts.

**AEP OHIO**  
An AEP Company

**NERA**  
ECONOMIC CONSULTING

### AEP Ohio Competitive Bidding Process for SSO Supply

Home Documents

Search

Background

**Information**

Documents

FAQs

Announcements

Data Room

Calendar

Contact Us

PIPP RFP

A list of all current documents is posted below. For reference, documents for the previous auctions are posted to the [Document Archives](#) page.

- **Auction Documents - March 2018**
  - CBP Rules (January 10, 2018) 
  - Illustrative Part 1 Application (January 10, 2018) 
  - Illustrative Part 2 Application (January 10, 2018) 
  - Rules and Protocols for Participation by Associated Bidders (January 10, 2018) 
  - Communications Protocols (January 10, 2018) 
  - Glossary (January 10, 2018) 
- **Master SSO Supply Agreement Documents - March 2018**
  - AEP Ohio Master SSO Supply Agreement (January 10, 2018) 
  - Attachment D Form of Guaranty (January 10, 2018) 
  - Attachment E Form of SSO Supplier Letter of Credit (January 10, 2018) 
  - Sample Legal Opinion of Foreign Guarantor's Counsel (January 10, 2018) 
- **Guaranty Process - March 2018**
  - Alternate Guaranty Process (December 13, 2017) 
- **Pre-Bid Credit Documents - March 2018**
  - Pre-Bid Letter of Credit (January 10, 2018) 
  - Acceptable Modifications to Pre-Bid Security Documents (January 10, 2018) 

**Important Dates:**

- Fri 1/12/2018 - Bidder Information Session
- Tue 1/16/2018 - Part 1 Window opens
- Fri 1/26/2018 - Part 1 Applications Due

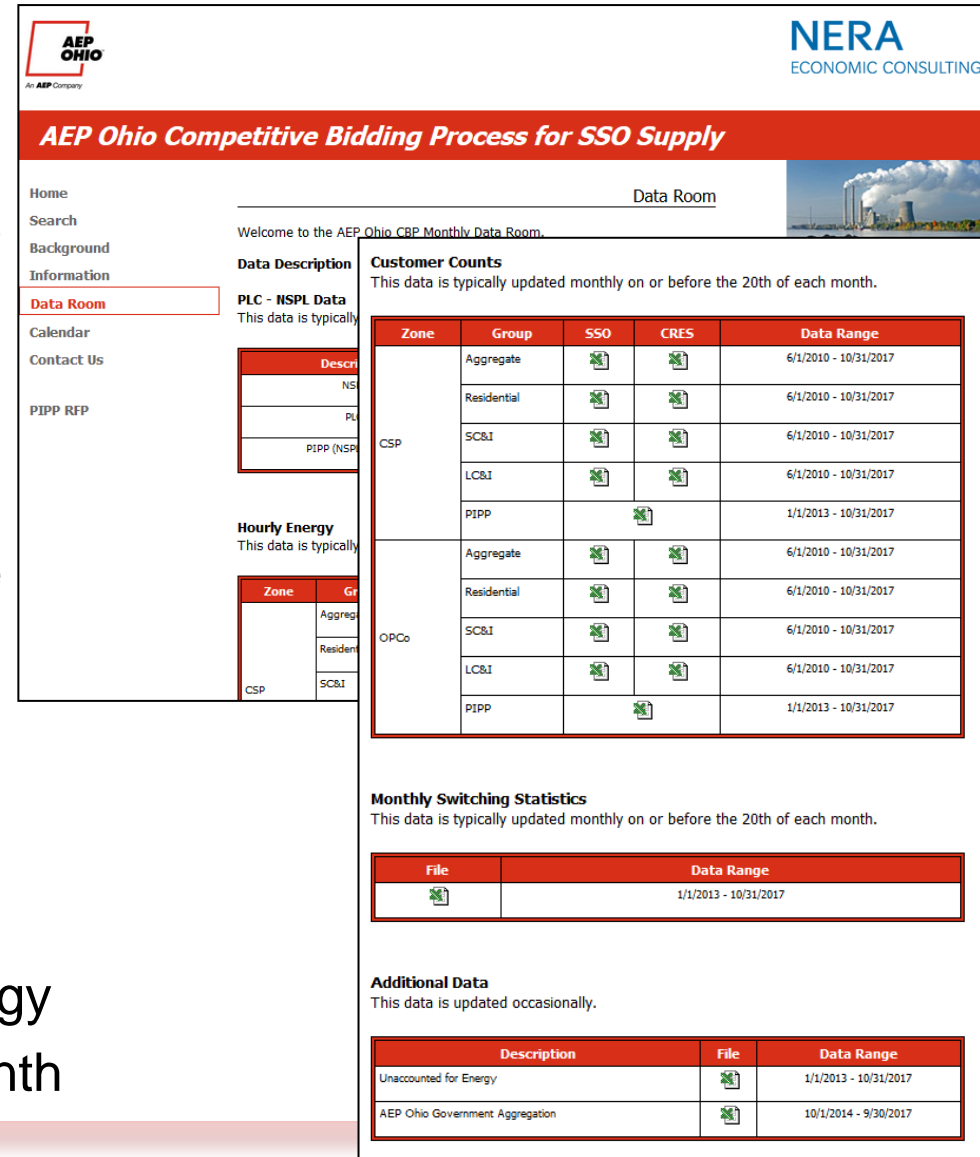
**Recent Announcements:**

- 01/10/2018 - [ANNOUNCEMENT: Auction Documents posted to CBP Website; REMINDER: Webcast for AEP Ohio's March Auction](#) [NEW!>>](#)
- 01/08/2018 - [ANNOUNCEMENT: AEP Ohio Files to Conduct its March 2018 Auction](#) [NEW!>>](#)
- 12/21/2017 - [REMINDER: Deadline to Submit Modifications or Revisions to Alternate Guaranty](#)

# Data Room

AEP Ohio provides:

- Hourly energy
  - CSP Rate Zone and OPCo Rate Zone
  - SSO and CRES
  - Customer groups & aggregate
- Customer counts
  - CSP Rate Zone and OPCo Rate Zone
  - SSO and CRES
  - Customer groups & aggregate
- PLC and NSPL Data
- Monthly Switching Statistics
- Historical Unaccounted for Energy
- Updated on the 20<sup>th</sup> of each month



The screenshot shows the 'Data Room' interface for the 'AEP Ohio Competitive Bidding Process for SSO Supply'. It includes a navigation menu on the left, a 'Data Description' section with a table for 'PLC - NSPL Data', and a 'Customer Counts' section with a large table. Below that is a 'Monthly Switching Statistics' table and an 'Additional Data' table.

**PLC - NSPL Data**  
This data is typically updated monthly on or before the 20th of each month.

Zone	Group	SSO	CRES	Data Range
CSP	Aggregate			6/1/2010 - 10/31/2017
	Residential			6/1/2010 - 10/31/2017
	SC&I			6/1/2010 - 10/31/2017
	LC&I			6/1/2010 - 10/31/2017
	PIPP			1/1/2013 - 10/31/2017
OPCo	Aggregate			6/1/2010 - 10/31/2017
	Residential			6/1/2010 - 10/31/2017
	SC&I			6/1/2010 - 10/31/2017
	LC&I			6/1/2010 - 10/31/2017
	PIPP			1/1/2013 - 10/31/2017

**Monthly Switching Statistics**  
This data is typically updated monthly on or before the 20th of each month.

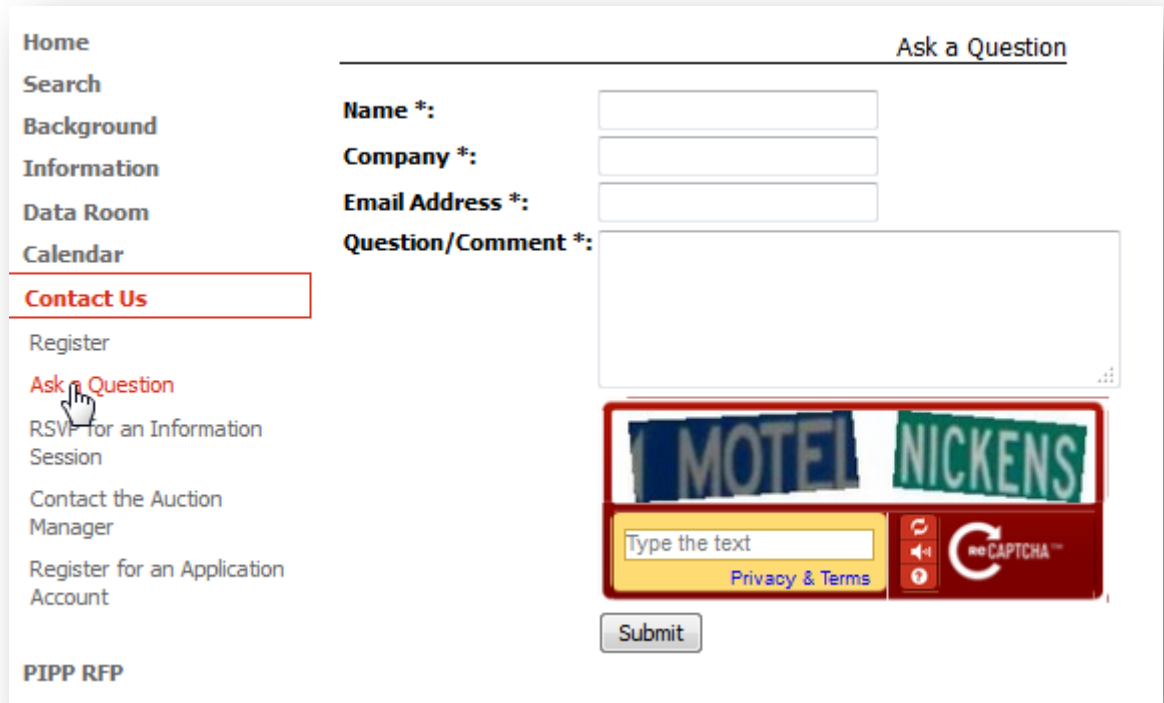
File	Data Range
	1/1/2013 - 10/31/2017

**Additional Data**  
This data is updated occasionally.

Description	File	Data Range
Unaccounted for Energy		1/1/2013 - 10/31/2017
AEP Ohio Government Aggregation		10/1/2014 - 9/30/2017

# Ask a Question through the CBP Website

- Contact Us / Ask a Question
  - Bidder questions answered via email typically within 2 business days
  - Responses and questions are posted as FAQs on CBP website
- You may also contact us via email at [AEP-CBP@nera.com](mailto:AEP-CBP@nera.com)



Home

Search

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**Contact Us**

Register

Ask a Question

RSVP for an Information Session

Contact the Auction Manager

Register for an Application Account

PIPP RFP

Ask a Question

Name \*:

Company \*:

Email Address \*:

Question/Comment \*:

MOTEL NICKENS

Type the text

Privacy & Terms

Submit



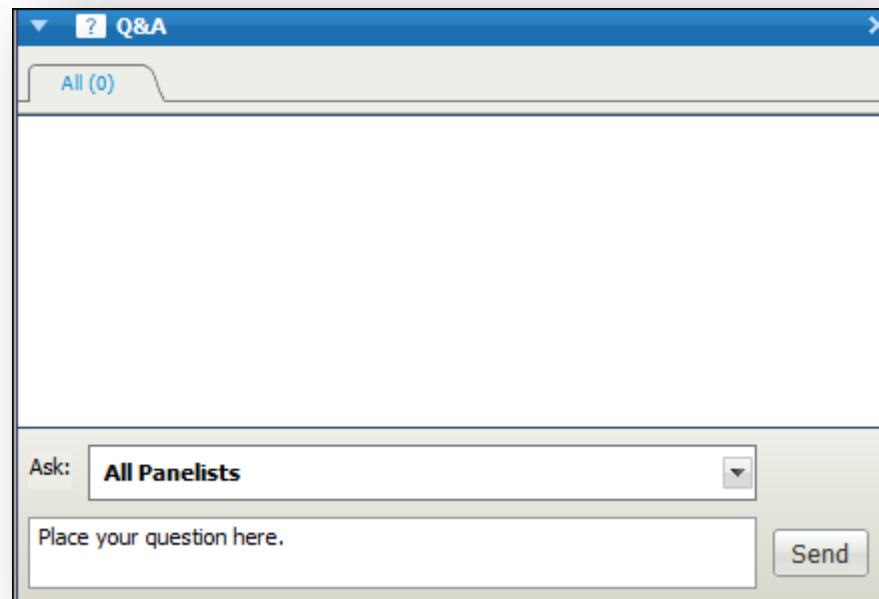
# Contact the Auction Manager Team

**NERA Economic Consulting  
Auction Manager  
For AEP's Ohio CBP  
Contact us by email at [AEP-CBP@nera.com](mailto:AEP-CBP@nera.com)**

**Address for delivery of pre-bid letter of credit  
NERA – Auction Manager  
AEP Ohio CBP  
1835 Market Street, Suite 1205  
Philadelphia, PA 19103**

## Questions?

- To submit questions to the presenters, please locate the “Q&A” on the right hand side of your screen, and select “All Panelists” in the “Send to” box; type in your question and click “Send” to submit your question



The screenshot shows a window titled "Q&A" with a close button. Inside the window, there is a tab labeled "All (0)". Below the tab is a large empty text area. At the bottom of the window, there is a section labeled "Ask:" with a dropdown menu currently set to "All Panelists". Below the dropdown is a text input field with the placeholder text "Place your question here." and a "Send" button to its right.