

AEP Ohio Competitive Bidding Process November 2017 Auction

**Bidder Webcast
Thursday, October 5, 2017**

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Chantale LaCasse, NERA**

Disclaimer

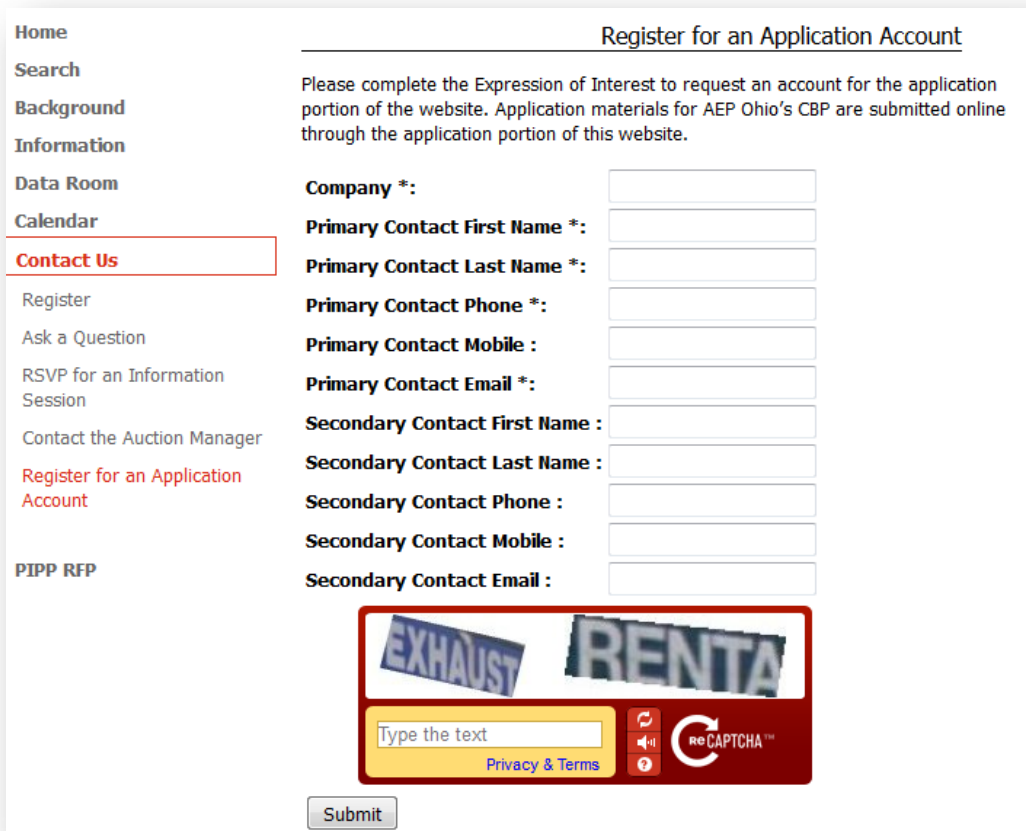
Any statements herein describing or referring to documents and agreements are summaries only, and are *qualified in their entirety* by reference to such governing documents

- 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 November 2017
 - 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



The screenshot shows a web page titled "Register for an Application Account". On the left is a navigation menu with items: Home, Search, Background Information, Data Room, Calendar, **Contact Us** (highlighted), Register, Ask a Question, RSVP for an Information Session, Contact the Auction Manager, Register for an Application Account, and PIPP RFP. The main content area contains the following text: "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." Below this is a form with the following fields: 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, and Secondary Contact Email. At the bottom of the form is a CAPTCHA section with the text "EXHAUST RENTALS" and a "Type the text" input field. To the right of the input field are icons for refresh, volume, and a RECAPTCHA logo. A "Submit" button is located at the bottom left of the form area.

Contact Us / Register

- Sign up for email alerts

Contact Us / Ask A Question

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

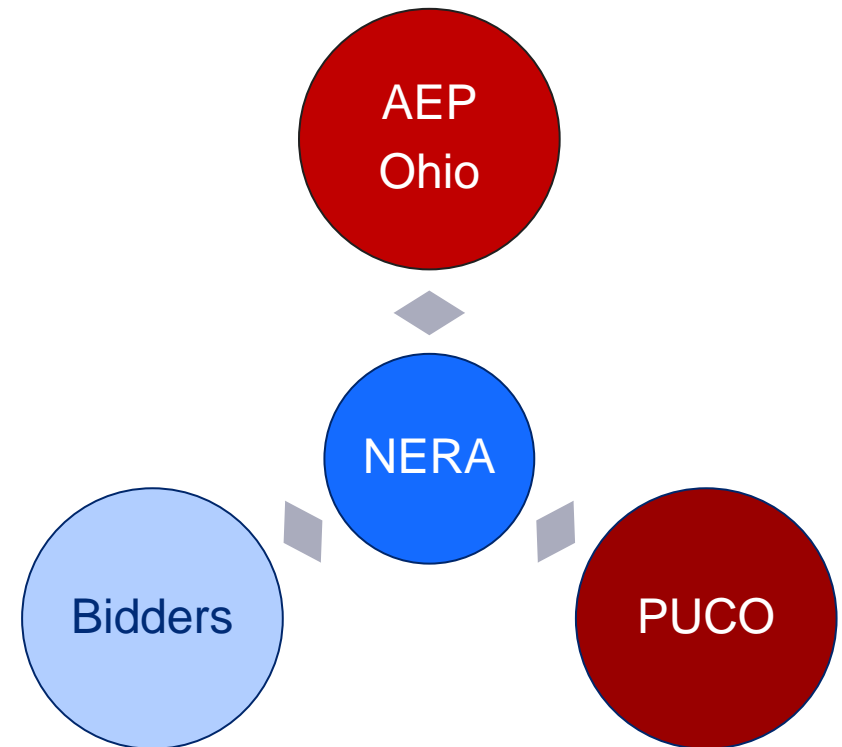
Get account for Application website

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

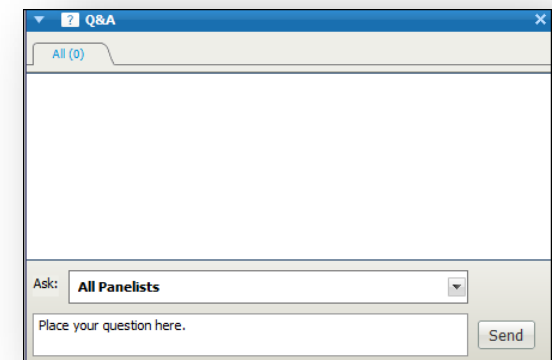


Agenda

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 November 28, 2017

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

			2017		2018												2019												2020												2021																			
Auction	Product Months	Load Cap	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			2												17%	12 Month																																										
	24		17%												24 Month																																													
	36		16%																							36 Month																																		
3 (Nov. 2018)	12	13												3												17%	12 Month																																	
4 (Mar. 2019)	12	13													4												17%	12 Month																																
...																																																										

NEW for Amended ESP III

- **100% of SSO Supply** for delivery period June 2018 - May 2019 will be procured in the **November 2017** and **March 2018 Auction**
- **Changes to the Rules and Application Process**
 - Credit-based tranche cap
 - Requirements for foreign entities
 - Shorter windows for submission
- Application process for previously qualified bidders is streamlined

Changes to the Rules and Application Process

- 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
- **Shorter** Part 1 and Part 2 windows for submitting applications

Product Description

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

Supply Will Be Divided into Tranches

Auction Date
Tuesday, Nov. 28

Product Type	Delivery Period	Tranche Targets	Load Cap	Tranche Size
12-month	June 2018- May 2019	17	40	1%
24-month	June 2018- May 2020	17		1%
36-month	June 2018- May 2021	16		1%

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:

Max	\$85/MWh
Min	\$65/MWh

- **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 references purposes only

PLC (MW)	2,555
MW-measure*	25.55

*The MW-measure is provided for reference purposes only. 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
Oct. 9	10 P1 Window Opens	11	12	13
16	17	18	19	20 P1 Due
23	24	25	26 P1 Notification	27 P2 Window Opens
30	31	Nov. 1	2	3
6	7	8 P2 Due	9	10
13	14	15 P2 Notification	16 Trial Auction	17
20	21	22	23	24
27	28 Auction Starts	29	30	

By October 20: Bidders can access account for application website

Announcements:

Oct. 5: Tranche targets, tranche size, MW-measure, and range of starting price

Nov. 2: Update to seasonal factors and MW-measure

Nov. 17: Round 1 price for Registered Bidders

Application Process is Online

Part 1 Application (Oct. 10 – Oct. 20)

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

Part 2 Application (Oct. 27 – Nov. 8)

- 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**

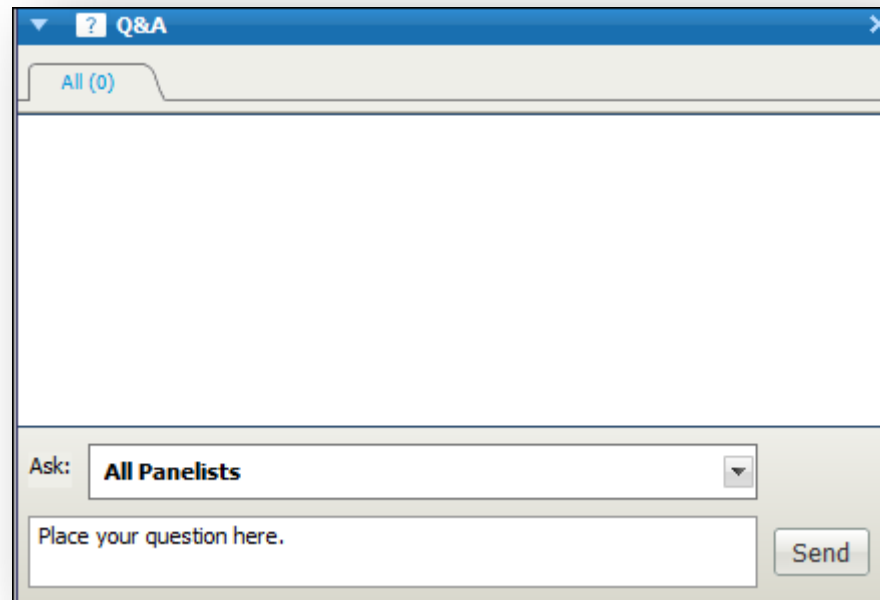
Credit Requirements under the Master SSO Supply Agreement

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?

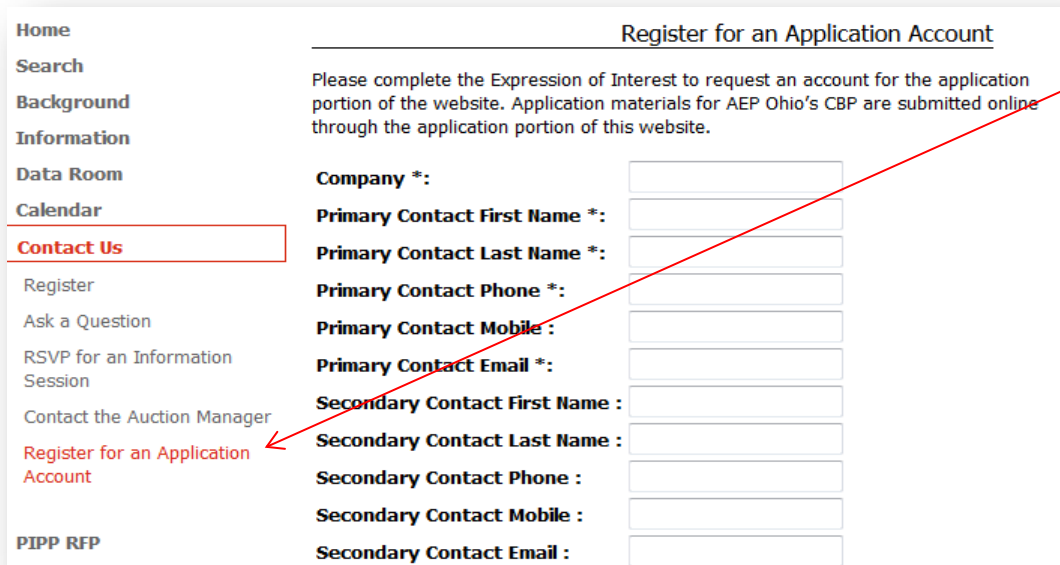
- To submit questions to the presenters, **please locate the “Q&A” on the right hand side of your screen**, and select “All Panelists” in the “Send to” box; type in your question and click “Send” to submit your question



Part 3 | Application Process

Register for your Online Application Account Only for NEW bidders

www.AEPOhioCBP.com



Home
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Information
Data Room
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 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

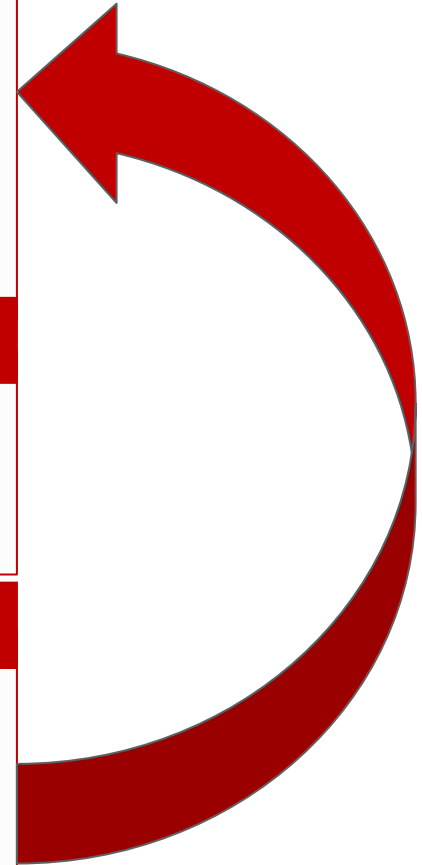
- Suppliers state how many tranches they want to supply of each product at going prices in round
- Auction Manager informs Registered Bidders of Round 1 prices no later than 3 days before auction

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	7
Exit Price			69.37

- 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 more than one product **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

Tranches withdrawn	2	1	2
Exit Prices	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

Retained Tranches	2	1	0
Auction Clearing Price		\$38.99	

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 (Thursday, November 16, 2017) 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 Secondary Access through an alternative ISP
Supported Web Browser	Internet Explorer 9 or later, as well as the most recent versions of Mozilla Firefox, Apple Safari, or Google Chrome

Part 5 | CBP Website

Navigation



A unit of American Electric Power



AEP Ohio Competitive Bidding Process for SSO Supply

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This Ohio Power Company ("AEP Ohio") website provides information to prospective suppliers that seek to provide full requirements service for AEP Ohio's Standard Service Offer ("SSO") customers through a Competitive Bidding Process ("CBP"). This site contains the official documents and announcements related to the CBP. NERA Economic Consulting ("NERA") serves as AEP Ohio's Auction Manager.



Important Dates:

- Thu 10/5/2017 - Bidder Information Session
- Tue 10/10/2017 - Part 1 Window opens
- Fri 10/20/2017 - Part 1 Applications are due

Recent Announcements:

- 10/02/2017 - [REMINDER: Webcast for AEP Ohio's November Auction](#) **NEW**>>

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 page for the "AEP Ohio Competitive Bidding Process for SSO Supply". The page features the AEP Ohio logo (A unit of American Electric Power) and the NERA Economic Consulting logo. The main heading is "AEP Ohio Competitive Bidding Process for SSO Supply". The page is divided into a left navigation menu, a main content area, and a right sidebar. The left navigation menu includes links for Home, Search, Background, Information (highlighted), Documents, FAQs, Announcements, Data Room, Calendar, Contact Us, and PIPP RFP. The main content area has a "Documents" sub-heading and a list of documents categorized into Auction Documents, Master SSO Supply Agreement Documents, and Pre-Bid Credit Documents, all dated November 2017. The right sidebar contains "Important Dates" and "Recent Announcements" with links to webcasts and auction information.

AEP OHIO
A unit of American Electric Power

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AEP Ohio Competitive Bidding Process for SSO Supply

Home Documents

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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 - November 2017**
 - CBP Rules (September 29, 2017)
 - Illustrative Part 1 Application (October 2, 2017)
 - Illustrative Part 2 Application (October 2, 2017)
 - Rules and Protocols for Participation by Associated Bidders (September 29, 2017)
 - Communications Protocols (September 29, 2017)
 - Glossary (September 29, 2017)
- **Master SSO Supply Agreement Documents - November 2017**
 - AEP Ohio Master SSO Supply Agreement (September 29, 2017)
 - Attachment D Form of Guaranty (September 29, 2017)
 - Attachment E Form of SSO Supplier Letter of Credit (September 29, 2017)
 - Sample Legal Opinion of Foreign Guarantor's Counsel (September 29, 2017)
- **Pre-Bid Credit Documents - November 2017**
 - Pre-Bid Letter of Credit (September 29, 2017)
 - Preliminary Acceptable Modifications to Pre-Bid Security Documents (September 29, 2017)
 - Letter of Intent to Provide a Guaranty (September 29, 2017)
 - Letters of Reference (September 29, 2017)

Important Dates:

- Thu 10/5/2017 - Bidder Information Session
- Tue 10/10/2017 - Part 1 Window opens
- Fri 10/20/2017 - Part 1 Applications are due

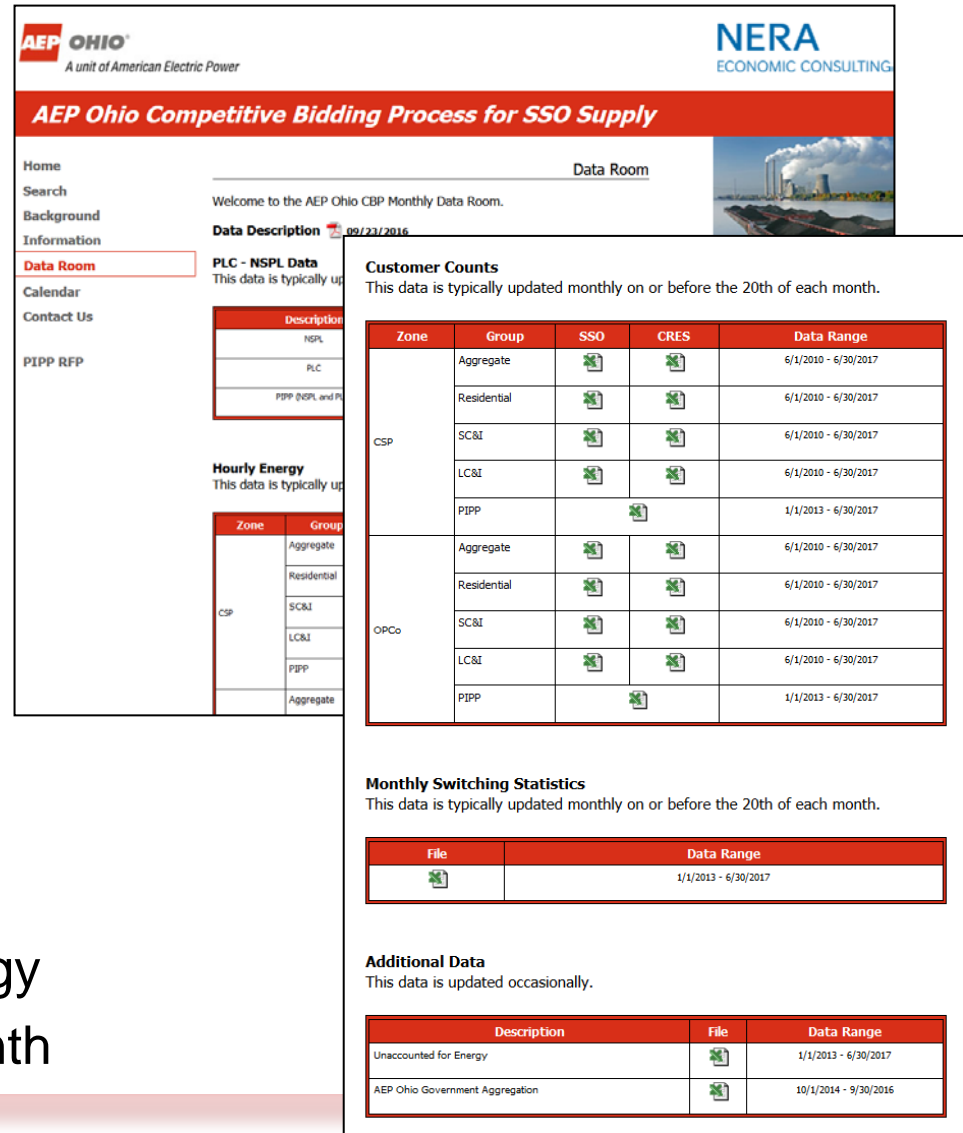
Recent Announcements:

- 10/02/2017 - [REMINDER: Webcast for AEP Ohio's November Auction](#)
- 10/02/2017 - [ANNOUNCEMENTS: Next AEP Ohio Auction is November 28, 2017: Additional Auction Documents posted to CBP Website](#)
- 09/29/2017 - [ANNOUNCEMENTS: Webcast for AEP Ohio's November Auction; Auction Documents posted to CBP](#)

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 20th of each month

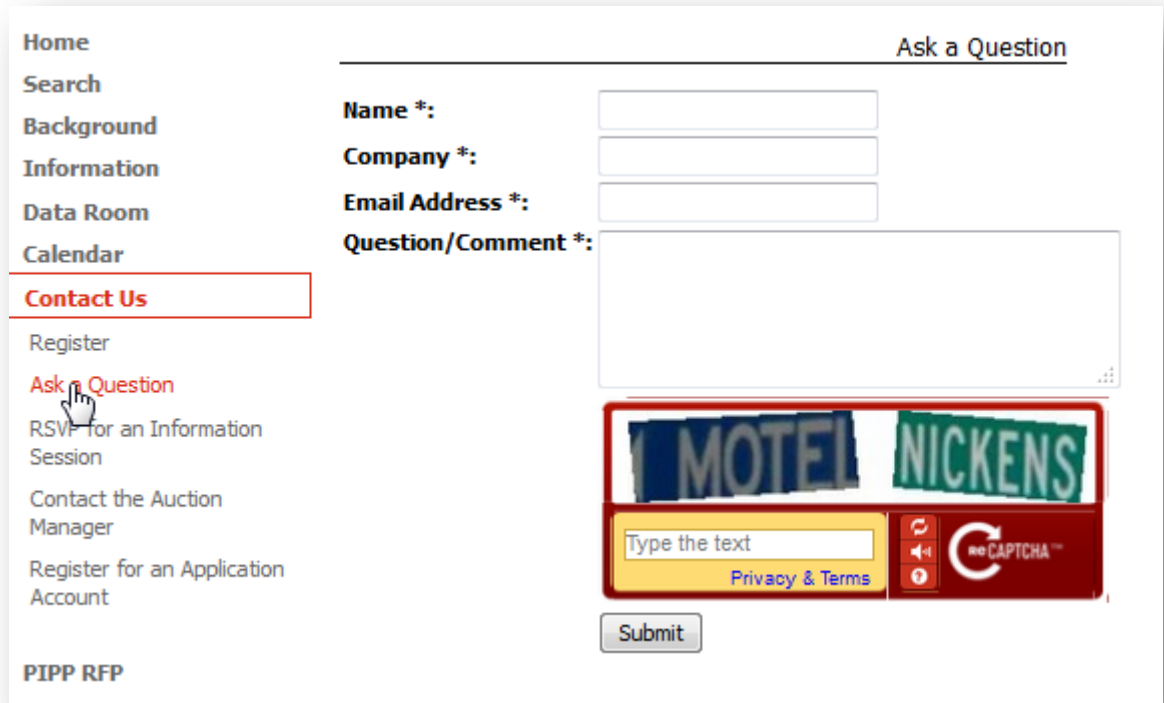


The screenshot shows the AEP Ohio Data Room interface. At the top, there are logos for AEP OHIO (A unit of American Electric Power) and NERA ECONOMIC CONSULTING. The main heading is "AEP Ohio Competitive Bidding Process for SSO Supply". Below this, there is a navigation menu on the left with options: Home, Search, Background, Information, Data Room (highlighted), Calendar, Contact Us, and PIPP RFP. The main content area is titled "Data Room" and includes a welcome message: "Welcome to the AEP Ohio CBP Monthly Data Room." There are three main data sections:

- PLC - NSPL Data:** This data is typically updated monthly. It includes a table with columns for Description and Data Range. The descriptions listed are NSPL, PLC, and PIPP (NSPL and PIPP).
- Hourly Energy:** This data is typically updated monthly. It includes a table with columns for Zone and Group. The zones listed are CSP and OPCo, with groups including Aggregate, Residential, SC&I, LC&I, and PIPP.
- Customer Counts:** This data is typically updated monthly on or before the 20th of each month. It includes a table with columns for Zone, Group, SSO, CRES, and Data Range. The zones listed are CSP and OPCo, with groups including Aggregate, Residential, SC&I, LC&I, and PIPP.
- Monthly Switching Statistics:** This data is typically updated monthly on or before the 20th of each month. It includes a table with columns for File and Data Range. The data range is 1/1/2013 - 6/30/2017.
- Additional Data:** This data is updated occasionally. It includes a table with columns for Description, File, and Data Range. The descriptions listed are Unaccounted for Energy and AEP Ohio Government Aggregation.

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



Home

Search

Background

Information

Data Room

Calendar

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

reCAPTCHA™

Submit

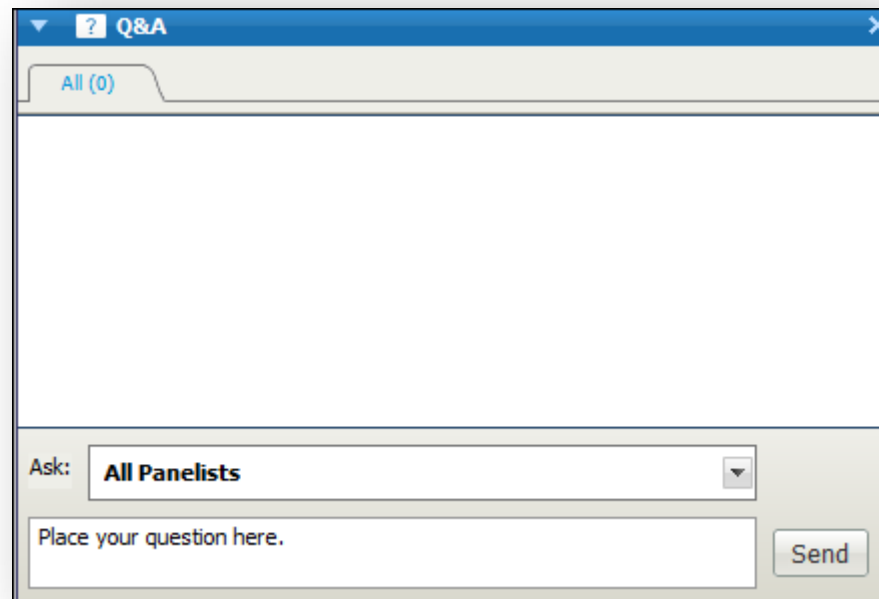
Contact the Auction Manager Team

**NERA Economic Consulting
Auction Manager
For AEP's Ohio CBP
Contact us by email at AEP-CBP@nera.com**

**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. Below the title bar is a tab labeled "All (0)". The main area of the window is empty. At the bottom, there is a section for asking a question. It includes a label "Ask:" followed by a dropdown menu currently set to "All Panelists". Below this is a text input field with the placeholder text "Place your question here." and a "Send" button to its right.