



# Capacity Exchange Enhancements for CIFP

As of May 14, 2024

- Released and upcoming releases

## Effective with 2025/2026 Delivery Year

- Resource Position -> Generation Resource -> Position Details: Accredited UCAP Factor will be displayed with value, the value will be used in ICAP MW/UCAP MW conversion. Column EFORd was removed.
- Resource Position -> Generation Resources -> UCAP Factors: New column **Accredited UCAP Factor** will be displayed with value.
- Resource Position -> Demand Resources: ICAP MW/UCAP MW conversion will use Demand Resource ELCC Class Rating.



# Generation Resources Position Details

- ▶ Load & Obligation
- ▼ Resource Position
  - LDA Summary
  - Generation Resources
  - Demand Resources
  - EE Resources
  - Aggregate Resources
  - Locational MW
  - Resource Model
- ▶ Transactions
  - Auctions
  - Credit
  - FRR
  - Performance
  - NRBTMG
  - Utilities
  - Trace Facility

Date  Capacity Type

Row Count: 2

PJMST >> 06/01/2025 >> 06/02/2025 >> ICAP

Resource ID	Resource Name	Zone	LDA	CP Eligible	Accredited UCAP Factor	Start Date	Stop Date	Owned	Available	RPM CP Committed	FRR CP Committed	Un...
Show All	Show All				Show All	Show All	Show All	Show All	Show All	Show All	Show All	Show All
130363111	GEN TEST RESOURCE 1	PECO	EMAAC	Yes	0.00001	06/01/2025	06/01/2026	10.0	10.0	0.0	0.0	
130363154	GEN TEST RESOURCE 2	PECO	EMAAC	Yes	0.99880	06/01/2025	06/01/2026	12.0	12.0	0.0	0.0	
								Total MW/Day	22.0	22.0	0.0	0.0

- ▶ Load & Obligation
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Delivery Year 2025/2026 ▼

Refresh



Position Details **UCAP Factors** ICAP Ratings CIRs ELCC Values

PJMTST >> 2025/2026

Row Count: 2

Resource Name	Resource ID	Accredited UCAP Factor	EFORd at BRA	EFORd-5 at BRA	EFORd	EFORd-5	EFORp
GEN TEST RESOURCE 1	130363111						
GEN TEST RESOURCE 2	130363154	0.99880					

## New screen Auctions ->Planned Gen Offer Notification

- ▶ Load & Obligation
- ▶ Resource Position
- ▶ Transactions
- ▼ Auctions
  - Auction Status
  - Resource Confirmation
  - Planned Gen Offer Notification**
  - Generation MOPR Certification
  - State Subsidy Certification
  - PRD Elections
  - Demand Resource Setup
  - Energy Efficiency Setup
  - Buy & Sell
  - Auction Results
  - Auction Results Summaries
- Credit
- FRR
- ▶ Performance
- ▶ NRBTMG
- Utilities
- Trace Facility

Delivery Year:  Auction Type:

PJMTST >> 2025/2026 >> BASE Row Count: 3

**Planned Generation will Offer into the Auction:**

By submitting "Yes", I hereby certify that I am the Capacity Market Seller, or authorized agent of the Capacity Market Seller, of this Generation Capacity Resource listed below and hereby provide binding notice that this resource will be offered into the RPM auction specified in this form. I further understand that by submitting this form, the respective resources will be required to offer into the relevant auction. Further, any resource that is the subject of this notice of intent and is not offered into the relevant auction will not be permitted to be offered into any RPM Auction associated with the same Delivery Year. If no notice of intent to offer is submitted, the resource will be unable to participate in auction stated above.

Queue	Resource ID	Resource Name	Name in ISA	Project Name	Planned Generation will Offer into the Auction?	Updated MW Quality (as applicable)
Show All	Show All	Show All	Show All	Show All	Show All	Show All
TST-001	130363111	GEN TEST RESOURCE 1			Yes	0.1
TST-003	0		ISA NAME 3	PROJECT 3	Yes	0.1
TST-002	130363154	GEN TEST RESOURCE 2			No	

NOTE: Right click in the table to add a queue which is not in the table

- Effective delivery year 2025/2026, all Planned Generation Capacity Resources must submit a binding notice of intent if they would like to offer into RPM auctions.
- Capacity Market Sellers with Capacity Exchange access must submit this notification via Capacity Exchange.
- Participants waiting on Membership or Capacity Exchange access may submit a manual offer notification via Sharepoint link.
- Additional information and instructions can be found at the following [link](#) on the RPM webpage.

- Queue/resource will be displayed on the screen for resource owner with a provisional approved Capacity Modification.
- If Queue is not displayed in the screen, such as resource not modeled for the Queue, buyer or potential buyer of an Unit Specific transaction, or potential new resource owner of a planned generation can **right click** the table to add a queue. The queue needs to be the exact queue number posted on pjm.com.
- Screen is only editable when the Planned Gen Offer Notification is open.

Queue	Resource ID	Resource Name	Name in ISA	Project Name	Planned Generation will Offer into the Auction?	Updated MW Quality (as applicable)
Show All	Show All	Show All	Show All	Show All	Show All	Show All
TST-001	130363111	GEN TEST RESOURCE 1			Yes	0.1
TST-003	0		ISA NAME 3	PROJECT 3	Yes	0.1
TST-002	130363154	GEN TEST RESOURCE 2			No	
<input type="text"/>			<input type="text"/>	<input type="text"/>	Yes <input type="text"/>	<input type="text"/>

NOTE: Right click in the table to add a queue which is not in the table



- Name in ISA and Project name: If resource is not modeled, provide the Name stated in the ISA, if there is no ISA then provide the project name.
- Planned Generation will Offer into the Auction: By selecting Yes, it means the resource will offer into the auction.
- Updated MW Quality: The anticipated MW that will be in-service for the relevant Delivery Year should be entered
  - Any value provided here should be based on the Capacity Market Seller's best estimate at the time of this submission and a Capacity Market Seller will not be held to offer this quantity into the relevant RPM Auction.
- Click Save to save into Capacity Exchange system.



## Screen Auctions -> Buy & Sell -> Resource Offers

My Tools ▾
PJMST ▼ | PJM Interconnection (dingtest) | Sign Out | Contact | Help

Capacity Exchange

- ▶ Load & Obligation
- ▶ Resource Position
- ▶ Transactions
- ▼ Auctions
  - Auction Status
  - Resource Confirmation
  - Planned Gen Offer Notific
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  - State Subsidy Certification
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  - Demand Resource Setup
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  - Auction Results Summaries
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  - ▶ NRBTMG
  - Utilities
  - Trace Facility

Delivery Year 2025/2026 ▼
Auction Type BASE ▼
Resource GEN TEST RESOURCE 2 ▼
Resource Type ALL ▼

Refresh
XML

Save
CSV

Resource Offers

Capacity Bids

Qualified Transmission Offers

Flexible Self Schedule Parameters

PJMST >> 2025/2026 >> BASE >> GEN TEST RESOURCE 2

Capacity Performance - Annual

Id	Min MW	Max MW	Price	Scheduling Option	Self Supply
1	<input style="width: 50px;" type="text" value="0"/>	<input style="width: 50px;" type="text" value="1"/>	<input style="width: 50px;" type="text" value="0.01"/>	<span style="border: 1px solid #ccc; padding: 2px;">Regular Schedule ▼</span>	<span style="border: 1px solid #ccc; padding: 2px;">No ▼</span>
2				Regular Schedule	
3				Regular Schedule	
4				Regular Schedule	
5				Regular Schedule	
6				Regular Schedule	
7				Regular Schedule	
8				Regular Schedule	
9				Regular Schedule	
10				Regular Schedule	

**Characteristics**

Resource Type GEN

Accredited UCAP Factor 0.99880

New Unit Pricing

Existing MOPR Price  

New MOPR Price  

Existing MOPR MW  

New MOPR MW

Available ICAP Detail

	Annual	Summer	Winter
Current	12	12	12

## Starting from delivery year 2025/2026

- Buy & Sell -> Resource Offers
  - EFORd will not be displayed in Characteristics for GEN and Aggregate resources, Accredited UCAP Factor will be displayed instead in Characteristics.
  - Accredited UCAP Factor is not editable.
  - Minimum and maximum available MW were removed from the Available ICAP Detail for GEN
- XML Upload Resource Sell Offer file should not have EFORd tag.

**Characteristics**

Resource Type	<input type="text" value="GEN"/>
Accredited UCAP Factor	<input type="text" value="0.99880"/>
	<input type="checkbox"/> New Unit Pricing
Existing MOPR Price	<input type="text"/>
New MOPR Price	<input type="text"/>
Existing MOPR MW	<input type="text"/>
New MOPR MW	<input type="text"/>

Available ICAP Detail

	Annual	Summer	Winter
Current	12	12	12

## Screen FRR -> Resource Commitments

- Starting from 6/1/2025, Accredited UCAP Factor will be displayed for Generator and Demand resource type, and the factor will be used to calculate **Calculated UCAP MW**.
- Accredited UCAP Factor for Demand Resource will be the Demand Resource ELCC Class Rating.
- Accredited UCAP Factor will be in the XML and CSV download.

## Screen FRR -> Resource Commitments -> Create FRR Transaction

- Starting from 6/1/2025, Accredited UCAP Factor will be displayed in the screen, and the factor will be used to calculate Calculated MW (UCAP).

FRR Resource Commitment Transaction
+ ×

Start Date:	<input type="text" value="06/01/2025"/>	Stop Date:	<input type="text" value="05/31/2026"/>
Resource:	<input type="text" value="GEN TEST RESOURCE 2"/>	Designated MW (ICAP):	<input type="text" value="1.1"/>
Accredited UCAP Factor:	<input type="text" value="0.9988"/>	Calculated MW (UCAP):	1.1
Committed Product Type:	<input type="text" value="Capacity Performance"/>		

Available Segments

Start Day	Stop Day	MOPR Type	Available MW
<input type="text" value="Show All"/>	<input type="text" value="Show All"/>	<input type="text" value="Show All"/>	<input type="text" value="Show All"/>
06/01/2025	05/31/2026	None	12

## Effective 2025/2026 delivery year, for generation resource with Winter CIR

- New winter-period resource will be modeled for the Winter CIR MW.
- Resource awarded winter CIRs will have a corresponding resource name that ends with **(WINTER)**.
- Winter period resource will have incremental Capacity Modification entered by PJM.
- Winter CIR resource will have Accredited UCAP Factor = 1.

The following screens will be removed

- Auctions -> State Subsidy Certification
- Auctions -> Demand Resource Setup -> Resource Certification
- Auctions -> Energy Efficiency Setup -> Resource Certification



## UCAP and ICAP MW conversion for Generator and Aggregate resource

- Effective for delivery years before 2025/2026

$$\text{UCAP MW} = \text{ICAP MW} * (1 - \text{EFORd})$$

$$\text{ICAP MW} = \text{UCAP MW} / (1 - \text{EFORd})$$

- Effective from 2025/2026

$$\text{UCAP MW} = \text{ICAP MW} * \text{ACCREDITED UCAP FACTOR}$$

$$\text{ICAP MW} = \text{UCAP MW} / \text{ACCREDITED UCAP FACTOR}$$

\*Additional info on ELCC methodology can be found [here](#)

\*\*Accredited UCAP Factor = ratio of resource's Accredited UCAP to the resource's installed capacity (ICAP)

## UCAP and ICAP MW conversion for DEMAND resource

- Effective for delivery years before 2025/2026

UCAP MW = ICAP MW \* DEMANDRE SOURCE FACTOR \* Forecast Pool Requirement

ICAP MW = UCAP MW / (DEMAND RESOURCE FACTOR \* Forecast Pool Requirement)

- Effective from 2025/2026

UCAP MW = ICAP MW \* Demand Resource ELCC Class Rating

ICAP MW = UCAP MW / Demand Resource ELCC Class Rating

\* DEMAND RESOURCE FACTOR = 1 starting from 2017/2018

\* ELCC Class Ratings: <https://www.pjm.com/-/media/planning/res-adeq/elcc/2025-26-bra-elcc-class-ratings.ashx>

## UCAP and ICAP MW conversion for Energy Efficiency resource

- No change

$UCAP\ MW = ICAP\ MW * Forecast\ Pool\ Requirement$

$ICAP\ MW = UCAP\ MW / Forecast\ Pool\ Requirement$

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**Capacity Exchange**



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**PROTECT THE  
POWER GRID  
THINK BEFORE  
YOU CLICK!**



Be alert to  
malicious  
phishing emails.

**Report suspicious email activity to PJM.**  
(610) 666-2244 / [it\\_ops\\_ctr\\_shift@pjm.com](mailto:it_ops_ctr_shift@pjm.com)

