



# Markets Gateway Roadmap

As of September 14, 2022

- Reserves Price Formation go-live date approved

Action Required	Deadline	Who May Be Affected
Reserves Price Formation	October 1	Markets Gateway UI and XML users



2022												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Reserves Price Formation										◆ Production: Oct 1		

**Legend**

- Start Date
- ◆ End Date



## Background

- The Reserves project was approved by FERC on Sep.1 for a go-live date of Oct. 1

## The work described in the filing includes:

- Consolidation of Tier 1 and Tier 2 synchronized reserves
- Reserves alignment between the Realtime and Day Ahead markets. Including in both:
  - 10 minute reserves
  - 30 minute reserves
- Flexible subzones

## Preparation required for Oct. 1:

Become familiar with what's changing

- Use the following link to access the Training environment

<https://marketsgatewayreservestrain.pjm.com/marketsgateway/pages/secure/>

- Visit the Markets Gateway Tools page (see Reserves section) to review all available documentation (User Guide, Interface Specification Guide, .XSD, etc.)
- Visit the Tech Change Forum page (Educational Recordings) to review the education session

## Sep. 24, midnight

- Markets Gateway becomes available (screens and XML) for submissions for market day Oct.1

## Oct. 1

- Reserves effective date



# Add'l Reserves Markets Gateway Information

- Bilaterals screens and XML changes follow:



## #1 Tab changes – see below

Regulation Bilaterals	Synchronized Reserve Bilaterals	Non-Synchronized Reserve Bilaterals	Secondary Reserve Bilaterals
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VS

Regulation Bilaterals	Synchronized Reserve Bilaterals	Non-Synchronized Reserve Bilaterals	Day-Ahead Scheduling Reserve Bilaterals
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## #2 Regulation Bilaterals Screen – ‘Area’ dropped

Regulation Bilaterals	Synchronized Reserve Bilaterals	Non-Synchronized Reserve Bilaterals	Secondary Reserve Bilaterals					
<input type="checkbox"/>	Confirmation	Confirmation Time	ID ▲	Buyer	Seller	MW	Start Time	Stop Time

VS

Regulation Bilaterals	Synchronized Reserve Bilaterals	Non-Synchronized Reserve Bilaterals	Day-Ahead Scheduling Reserve Bilaterals						
<input type="checkbox"/>	Confirmation	Confirmation Time	ID ▲	Buyer	Seller	MW	Start Time	Stop Time	Area

## #3 Synchronized Reserve Bilaterals – ‘%’ and Sub-Zone dropped

Regulation Bilaterals	Synchronized Reserve Bilaterals	Non-Synchronized Reserve Bilaterals	Secondary Reserve Bilaterals						
<input type="checkbox"/>	Confirmation	Confirmation Time	ID ▲	Buyer	Seller	MW	Start Time	Stop Time	Area

VS

Regulation Bilaterals	Synchronized Reserve Bilaterals	Non-Synchronized Reserve Bilaterals	Day-Ahead Scheduling Reserve Bilaterals								
<input type="checkbox"/>	Confirmation	Confirmation Time	ID ▲	Buyer	Seller	MW	%	Start Date Hour	Stop Date Hour	Area	Sub-Zone

## #4 Non-Synchronized Reserve Bilaterals – No Changes

## #5 Secondary Reserve Bilaterals – New Screen

Regulation Bilaterals	Synchronized Reserve Bilaterals	Non-Synchronized Reserve Bilaterals	Secondary Reserve Bilaterals						
<input type="checkbox"/>	Confirmation	Confirmation Time	ID ▲	Buyer	Seller	MW	Start Time	Stop Time	Area

## #1 Regulation Bilaterals – day Attribute removed from QueryResponse

### Legacy XML

```
<QueryResponse xmlns="http://emkt.pjm.com/emkt/xml">  
  <RegulationBilaterals day="2022-09-03">
```

### New Reserves XML

```
<QueryResponse xmlns="http://emkt.pjm.com/emkt/xml">  
  <RegulationBilaterals>
```

## #2 Synchronized Reserve Bilaterals – Element names changed, and day Attribute removed from QueryResponse

### Legacy XML

```
<QueryResponse xmlns="http://emkt.pjm.com/emkt/xml">  
  <SpinReserveBilaterals day="2022-09-01">  
    <SpinBilateralSchedule>
```

### New Reserves XML

```
<QueryResponse xmlns="http://emkt.pjm.com/emkt/xml">  
  <SynchronizedReserveBilaterals>  
    <BilateralSchedule>
```

## #3 Non-Synchronized Bilaterals – Element names changed, ProductType Element removed, and day Attribute removed from QueryResponse

### Legacy XML

```
<QueryResponse xmlns="http://emkt.pjm.com/emkt/xml">  
  <ASReserveBilaterals day="2022-09-01">  
    <ASBilateralSchedule>  
      <ProductType>NSR</ProductType>
```

### New Reserves XML

```
<QueryResponse xmlns="http://emkt.pjm.com/emkt/xml">  
  <NonSynchronizedReserveBilaterals>  
    <BilateralSchedule>
```

## #4 Secondary Reserve Bilaterals – New XML Elements for QueryResponse

### New Reserves XML

```
<QueryResponse xmlns="http://emkt.pjm.com/emkt/xml">  
  <SecondaryReserveBilaterals>  
    <BilateralSchedule>  
    ...Remainder of XML elements same as the other Bilateral elements...
```

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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)





# Product Details

[Markets Gateway](#) allows users to submit information and obtain data needed to conduct business in the Day-Ahead, Regulation and Synchronized Reserve Markets.

## **Key Product Features**

- View Market Results
- Manage Generation and Load Response Portfolios
- Manage Ancillary Service Data
- Manage Market Offers and Transactions