



MSRS Roadmap

As of August 21, 2018

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Browserless Authentication							●		◆ Train: Sept 20			◆ Production

Legend

- Start Date
- ◆ End Date



- The MSRS browserless reporting interface requires username and password in the URL. Example:

<https://msrs.pjm.com/msrs/browserless.do?report=billingreport&version=L&format=C&start=08/01/2018&stop=08/31/2018&username=YourUsername&password=YourPassword>

- Current format fully encrypted via HTTPS in transport
- However -- deprecated practice due to security issues
 - Any visible passwords create a risk

- Browserless requests must post credentials using basic authentication
- The filetransfer.jar interface will no longer work for MSRS

```
java -cp oreilly.jar;filetransfer.jar; com.pjm.FileTransfer debug=true
username="YourUsername" password="YourPassword" app=msrs action=download
format=x version=l report="Billing" start=01/01/2012 stop=01/31/2012 result="billing.csv"
```
- Browserless documentation will be enhanced to include more examples and FAQs

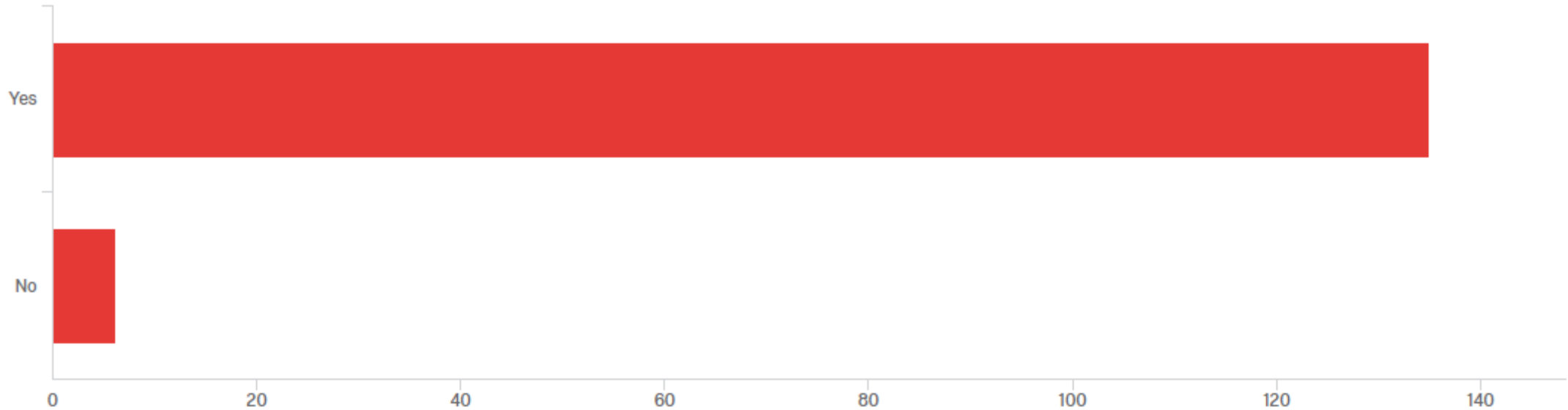
- Change will NOT be backward compatible
- Members will need to update their processes to use basic authentication
- No change to user interface logins from PJM.com and PJM Tools
- Implemented with Single User Multi-Account (SUMA) changes to allow users to make changes for both at the same time.

Impact	Action Required	Outage
User Interface	n/a	n/a
Browserless	Members will need to update their processes to use basic authentication	1 hour

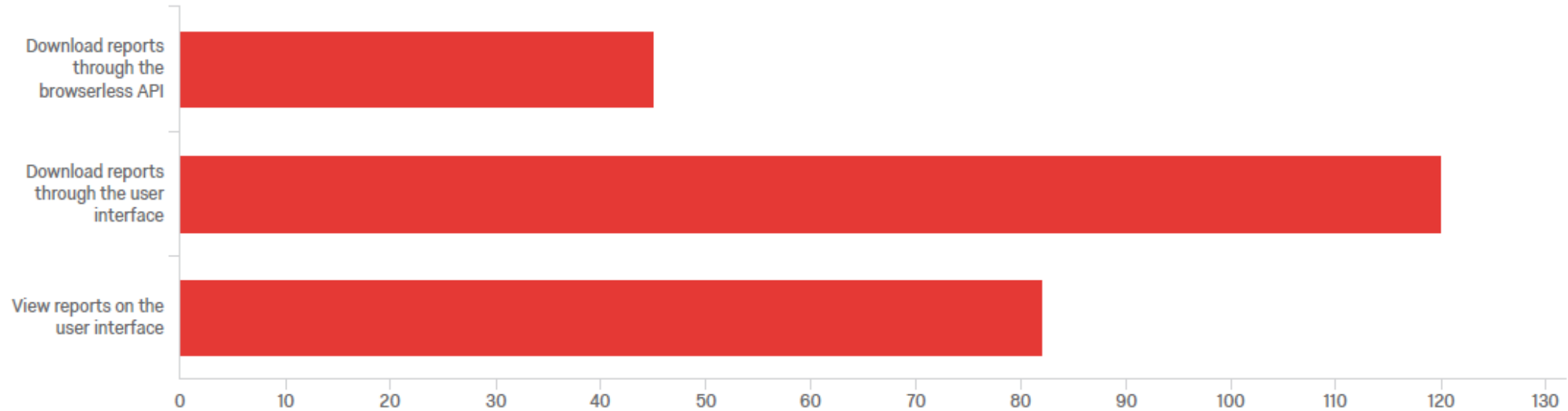


MSRS Refresh Survey Results

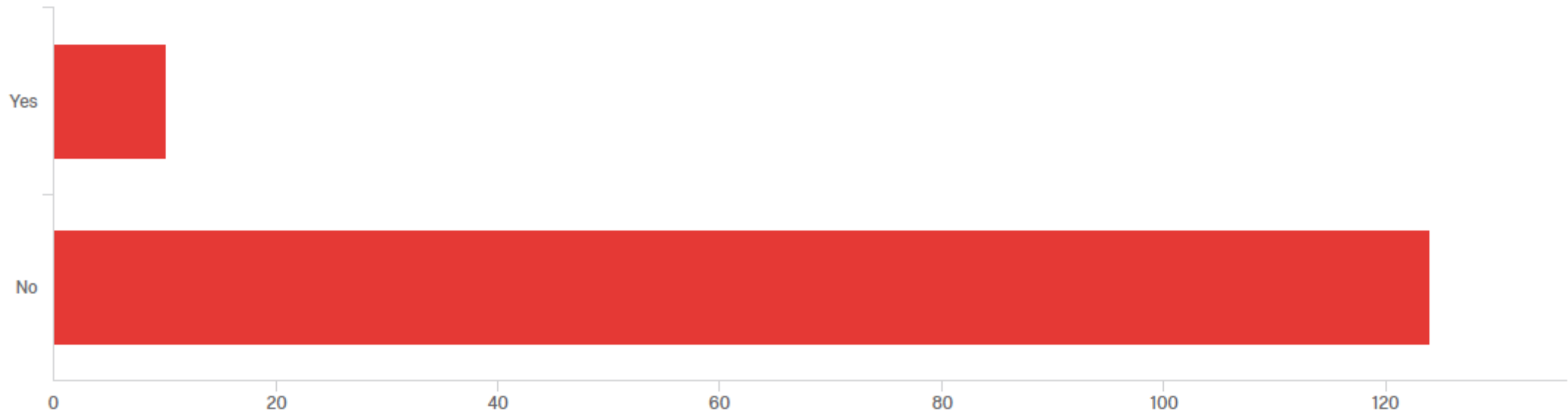
Question 1 - Do you currently use the MSRS user interface?



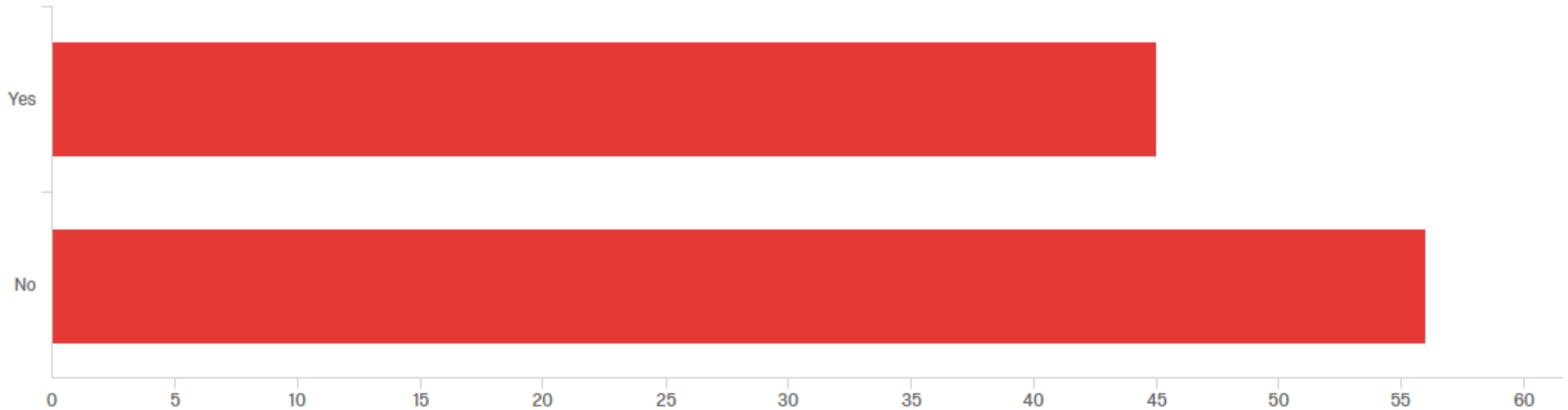
Question 2 - How do you access the reports?



Question 3 – Do you agree with PJMs proposal to eliminate the user interface?



Question 4 – Would you be willing to reduce the number of reports available for viewing or downloading through the user interface?



- **Bottom Line**
 - As part of the MSRS Refresh, PJM will continue to provide an MSRS User Interface
 - Development is scheduled to start Q4 2019
 - Details on implementation date will be communicated at future meetings



Product Details

[Market Settlements Reporting System](#) (MSRS) is a tool used by market participants to retrieve market settlements reports and monthly billing statements.

Key Product Features

- 200+ settlement reports
- Provide settlement and billing details
- Viewable in the browser
- CSV and XML download capability