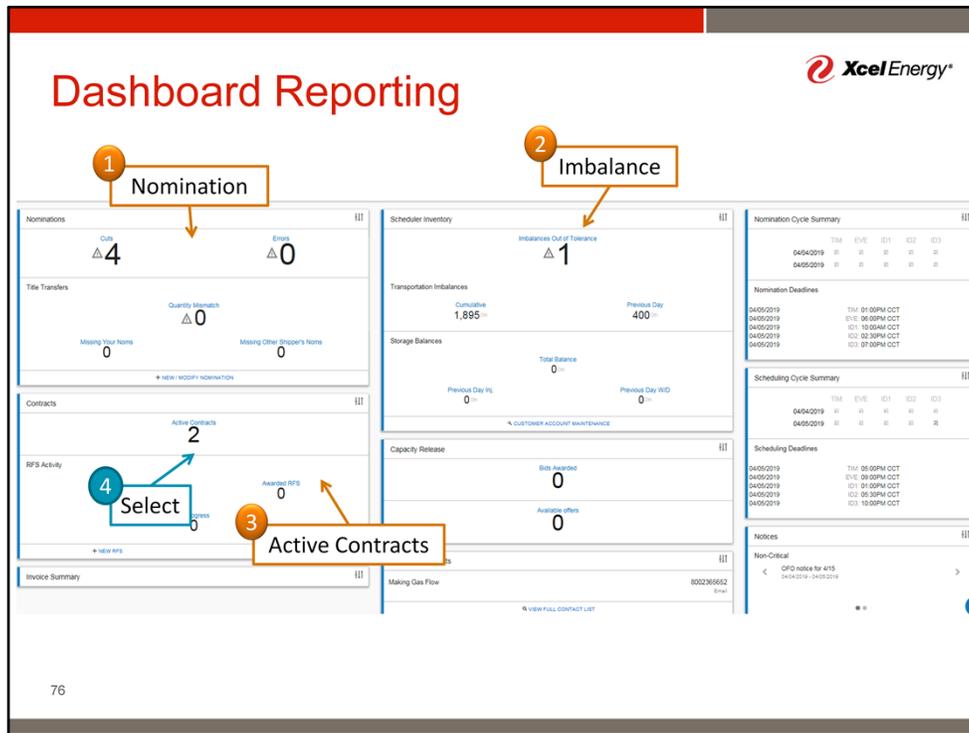


Gas Transactional System
Reporting

6/3/19





The dashboard contains several widgets with information relevant in daily operations. This includes information on Nominations, Imbalances, and Active contracts. We will start by looking at active contract reporting.

Active Contracts



Public Service of Colorado - Active Contracts
Test External
PIPELINE SCHEDULER
0 Alerts
🔍

PUBLIC SERVICE OF COLORADO

Actions	Contract No.	BP No.	BP Name	TOS	Effective From	Effective To	Item Model	MDQ	MDQ	OverQty	UOM
	1234567	1001	Customer Training Co	PT3	1/1/2018	Open Ended	PT	601.0	0.0	0	DTM
	1234567	1001	Customer Training Co	PT3	1/1/2018	Open Ended	PT	601.0	0.0	0	DTM

1
Contract #

2
TOS

3
Current MDQ

4 Select

1, 2 of 2 items

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Several pieces of information are available on the active contract screen. Those include attributes such as contract #, the contract type of service (TOS), and current MDQ. When done, the back arrow can be used to return to the dashboard.

Dashboard Reporting



1
Select

<h3>Nominations</h3> <p>Cuts 4 Errors 0</p> <hr/> <h3>Title Transfers</h3> <p>Quantity Mismatch 0</p> <p>Missing Your Norms 0 Missing Other Scheduler's Norms 0</p> <p style="text-align: center;">+ NEW / MODIFY NOMINATION</p>	<h3>Scheduler Inventory</h3> <p>Imbalances Out of Tolerance 1</p> <hr/> <h3>Transportation Imbalances</h3> <p>Cumulative 1,895 Previous Day 400</p> <hr/> <h3>Storage Balances</h3> <p>Total Balance 0</p> <p>Previous Day H/L 0 Previous Day W/D 0</p> <p style="text-align: center;">* CUSTOMER ACCOUNT MAINTENANCE</p>	<h3>Nomination Cycle Summary</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>TIM</th> <th>EVE</th> <th>IDI</th> <th>SD</th> <th>IC3</th> </tr> </thead> <tbody> <tr> <td>04/04/2019</td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>04/05/2019</td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <hr/> <h3>Nomination Deadlines</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>TIM</th> <th>EVE</th> <th>IDI</th> <th>SD</th> <th>IC3</th> </tr> </thead> <tbody> <tr> <td>04/05/2019</td> <td>01:00PM CCT</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>04/05/2019</td> <td>06:00PM CCT</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>04/05/2019</td> <td>10:00AM CCT</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>04/05/2019</td> <td>02:30PM CCT</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>04/05/2019</td> <td>07:00PM CCT</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		TIM	EVE	IDI	SD	IC3	04/04/2019						04/05/2019							TIM	EVE	IDI	SD	IC3	04/05/2019	01:00PM CCT					04/05/2019	06:00PM CCT					04/05/2019	10:00AM CCT					04/05/2019	02:30PM CCT					04/05/2019	07:00PM CCT				
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<h3>Contracts</h3> <p>Active Contracts 2</p> <hr/> <h3>RFS Activity</h3> <p>Default RFS 0 Awarded RFS 0</p> <p>In Progress 0</p> <p style="text-align: center;">+ NEW RFS VIEW CONTRACTS</p>	<h3>Capacity Release</h3> <p>Bids awarded 0</p> <p>Available offers 0</p>	<h3>Scheduling Cycle Summary</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>TIM</th> <th>EVE</th> <th>IDI</th> <th>SD</th> <th>IC3</th> </tr> </thead> <tbody> <tr> <td>04/04/2019</td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>04/05/2019</td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <hr/> <h3>Scheduling Deadlines</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>TIM</th> <th>EVE</th> <th>IDI</th> <th>SD</th> <th>IC3</th> </tr> </thead> <tbody> <tr> <td>04/05/2019</td> <td>01:00PM CCT</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>04/05/2019</td> <td>06:00PM CCT</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>04/05/2019</td> <td>10:00AM CCT</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>04/05/2019</td> <td>02:30PM CCT</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>04/05/2019</td> <td>07:00PM CCT</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		TIM	EVE	IDI	SD	IC3	04/04/2019						04/05/2019							TIM	EVE	IDI	SD	IC3	04/05/2019	01:00PM CCT					04/05/2019	06:00PM CCT					04/05/2019	10:00AM CCT					04/05/2019	02:30PM CCT					04/05/2019	07:00PM CCT				
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<h3>Invoice Summary</h3>	<h3>Scheduler Contacts</h3> <p>Making Gas Flow 800236652</p> <p style="text-align: center;">VIEW FULL CONTACT LIST</p>	<h3>Notices</h3> <p>Non-Critical</p> <p>CFD notice for 415</p> <p>04/04/2019 - 04/05/2019</p>																																																						

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Next we will look at nominations, in particular, nomination cuts. Select the nomination cuts link.

Nomination Cuts



5 Select

Public Service of Colorado - Nomination Cuts

PIPELINE SCHEDULER

0 Alerts

Nomination Cuts

Current Gas Day: 44/2019 Cycle: 03

Action	Est Reg N	Lot	Lot Name	Flow Direction	Nom Qty	Conf Qty	Reduction Qty	Reduction Reason
44	123456P	03E	EAST DENVER TOWN BORDER	R	800	475	30	CRS
44	123456P	123456P	123456P DELIVERY POOL	D	800	475	30	CRS

1 - 2 of 2 items

Next Gas Day: 45/2019 Cycle: NA

Action	Est Reg N	Lot	Lot Name	Flow Direction	Nom Qty	Conf Qty	Reduction Qty	Reduction Reason
44	123456P	03E	EAST DENVER TOWN BORDER	R	800	200	200	CRS
44	123456P	123456P	123456P DELIVERY POOL	D	800	200	200	CRS

1 - 2 of 2 items

Two grids exist within the nomination cuts screen. The top grid is related to the current day, the bottom is related to the next gas day. Within each grid, the contract #, nomination point, nomination qty, and confirmed qty are visible. When done reviewing, select the X in the upper right corner to return to the dashboard.

Dashboard Reporting



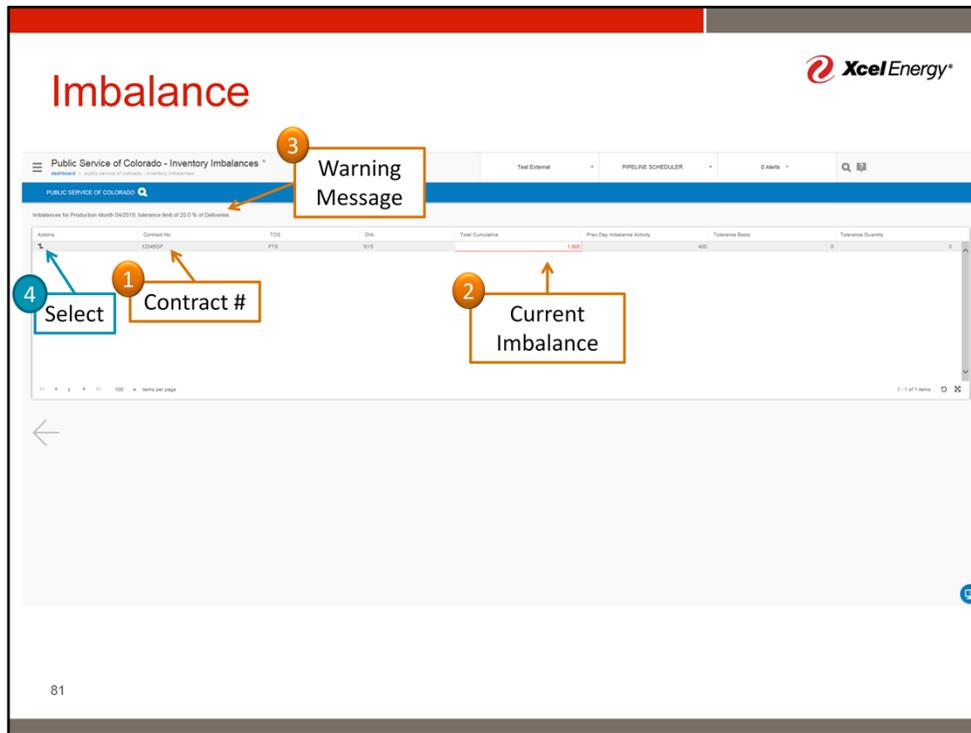
1 Imbalance

The dashboard is divided into several sections:

- Nominations:** Outlets: $\Delta 4$, Errors: $\Delta 0$. Tile Transfers: Quantity Mismatch: $\Delta 0$, Missing Your Norms: 0, Missing Other Scheduler's Norms: 0. + NEW / MODIFY NOMINATION
- Contracts:** Active Contracts: 2. RFS Activity: Demand RFS: 0, In Progress: 0, Awarded RFS: 0. + NEW RFS, VIEW CONTRACTS
- Invoice Summary:** (Empty)
- Scheduler Inventory:** Imbalances Out of Tolerance: $\Delta 1$. Transportation Imbalances: Cumulative: 1,895, Previous Day: 400. Storage Balances: Total Balance: 0, Previous Day H/L: 0, Previous Day W/D: 0. * CUSTOMER ACCOUNT MAINTENANCE
- Capacity Release:** Bids Available: 0, Available Offers: 0.
- Scheduler Contacts:** Making Gas Flow: 802236652. VIEW FULL CONTACT LIST
- Nomination Cycle Summary:** Table with columns: TM, EVE, ID1, ID2, ID3. Rows for 04/04/2019 and 04/05/2019.
- Scheduling Cycle Summary:** Table with columns: TM, EVE, ID1, ID2, ID3. Rows for 04/05/2019 and 04/06/2019.
- Notices:** Non-Critical: CPO notice for 415 (04/04/2019 - 04/05/2019).

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Next we will look at imbalance.



The Inventory Imbalances screen will provide a summary of current imbalance by contract. A warning message will appear if the contract is outside of balancing limits. On this screen, select the Actions icon to retrieve additional detail.

The action button will open the Authorization to Post Imbalances screen. On this screen, select the activity tab to view daily detailed information on the imbalance. The information can be exported to a spreadsheet by selecting the Gear -> Actions -> Export to Excel. When done, select the X to return to the previous page.

Imbalance

Public Service of Colorado - Inventory Imbalances

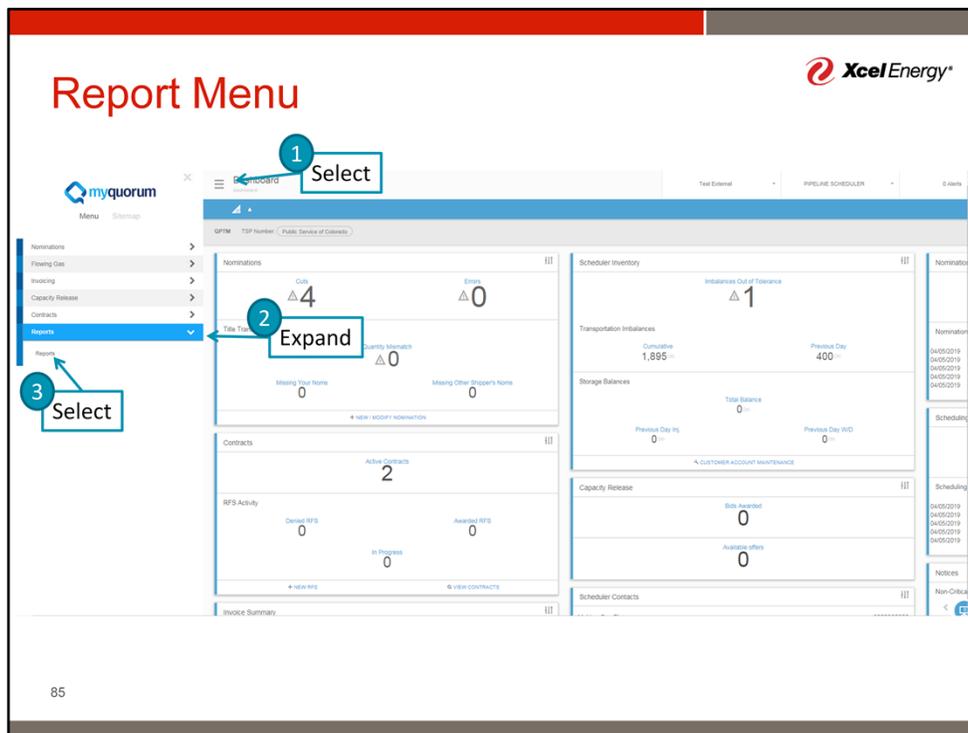
Address	Contract No	TOS	O/A	Total Cumulative	Pre-Day Imbalance Activity	Tolerance Base	Tolerance Quantity
1234567	PT5	PT5	PT5	1,587		400	0

1 Select

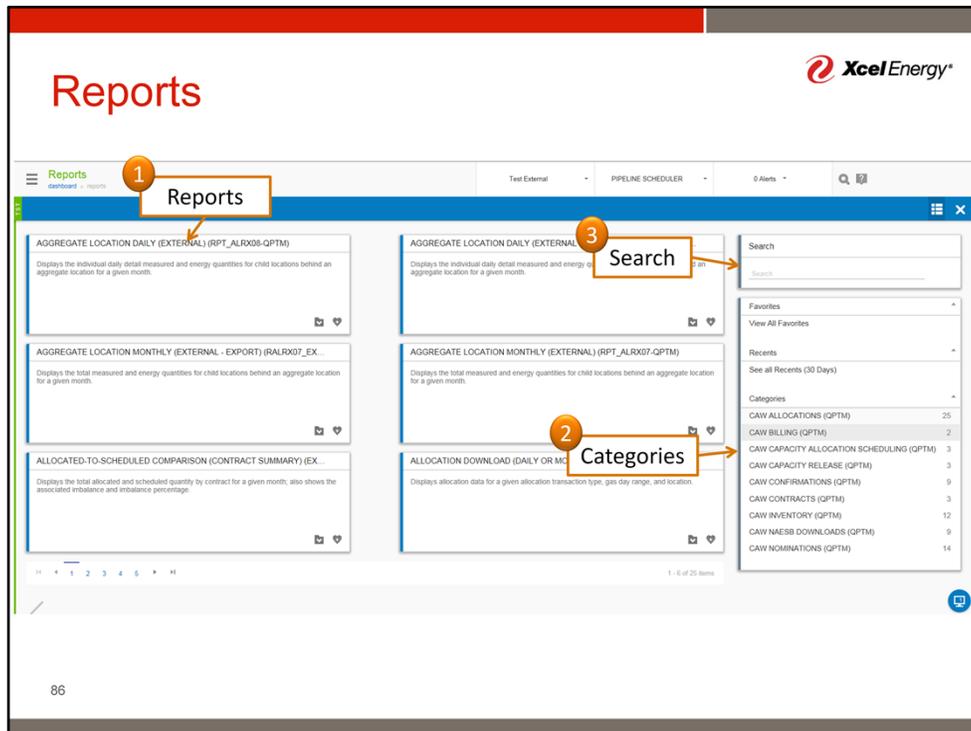
83

The back arrow can be select to return to the dashboard.

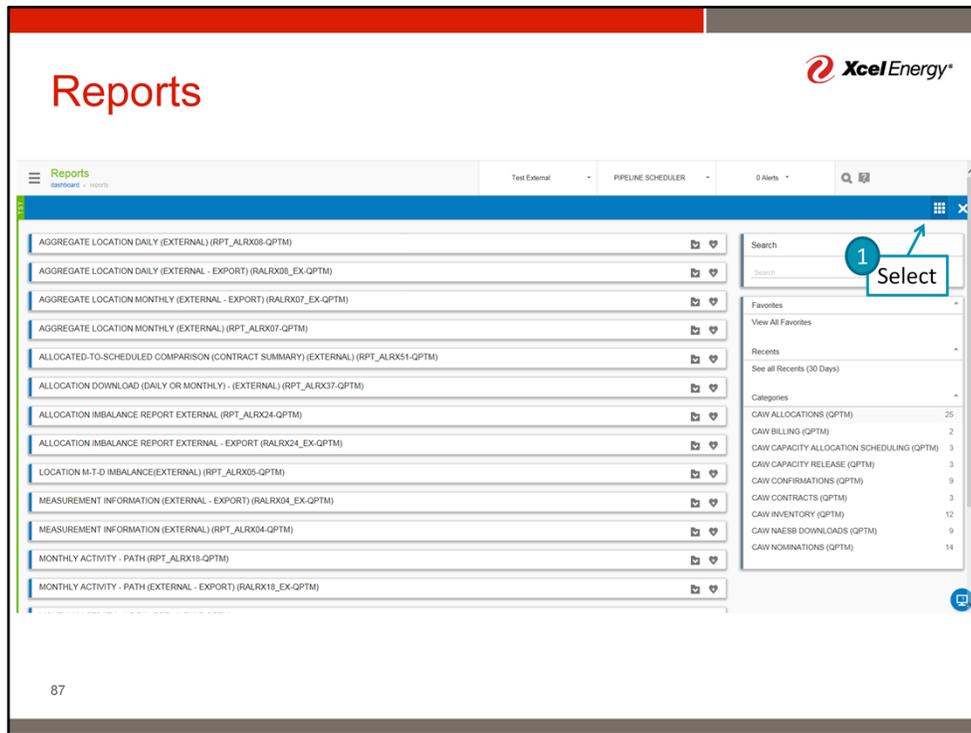
Other Reports



The system has several other built in reporting features. Those reporting features are accessed through the Reports screen. To access the screen, select the “hamburger” menu button, expand Reports, and select Reports.

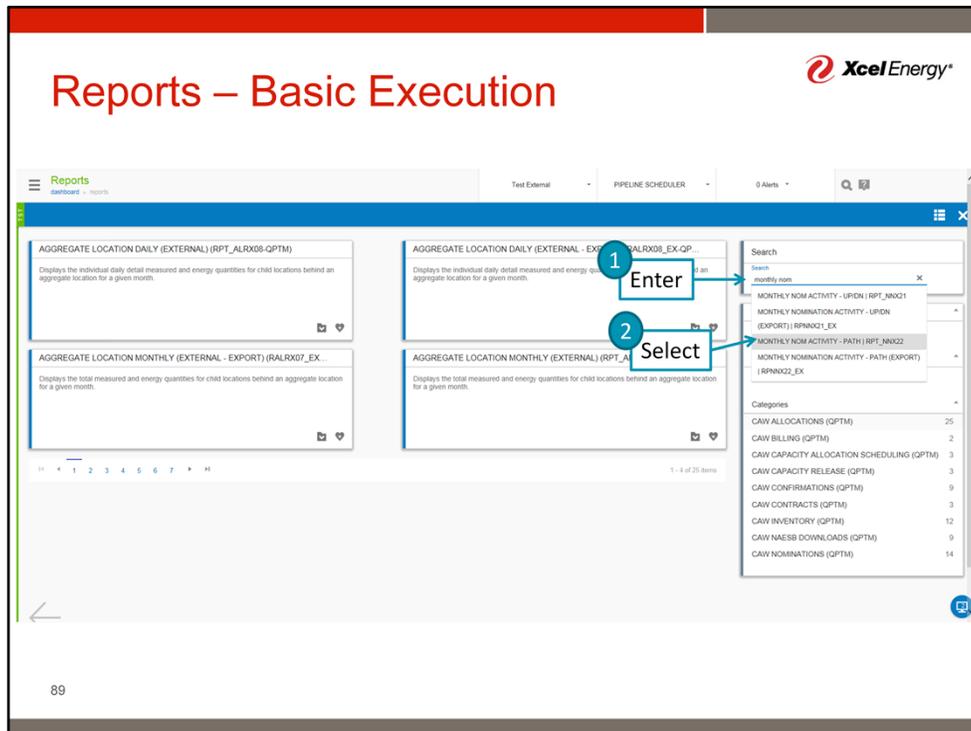


A list of reports will be shown when the reports screen appears. Each report includes a brief description. Reports are grouped together in categories based on typical use. The list of reports will update when a category is selected. The Report screen also includes a search function. A list of potential reports will appear as information is entered in the search box.

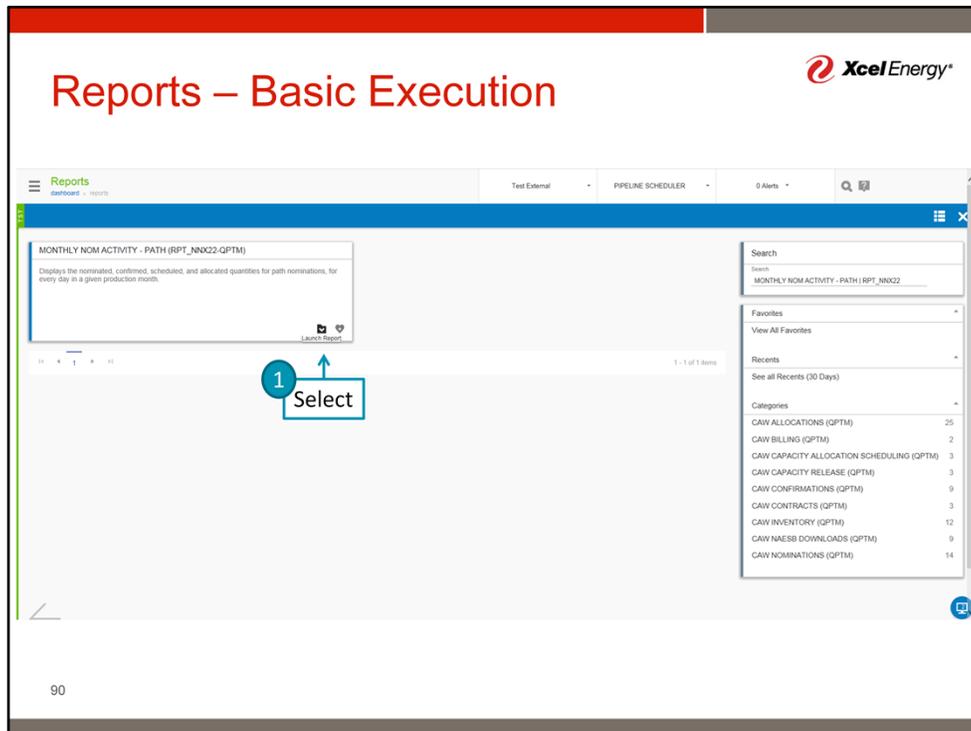


The report screen can also be viewed in a more compact form to make more reports visible at once. This is done by selecting the grid button in the upper right corner. The button is used to toggle between the two views as desired.

Other Reports – Basic Execution

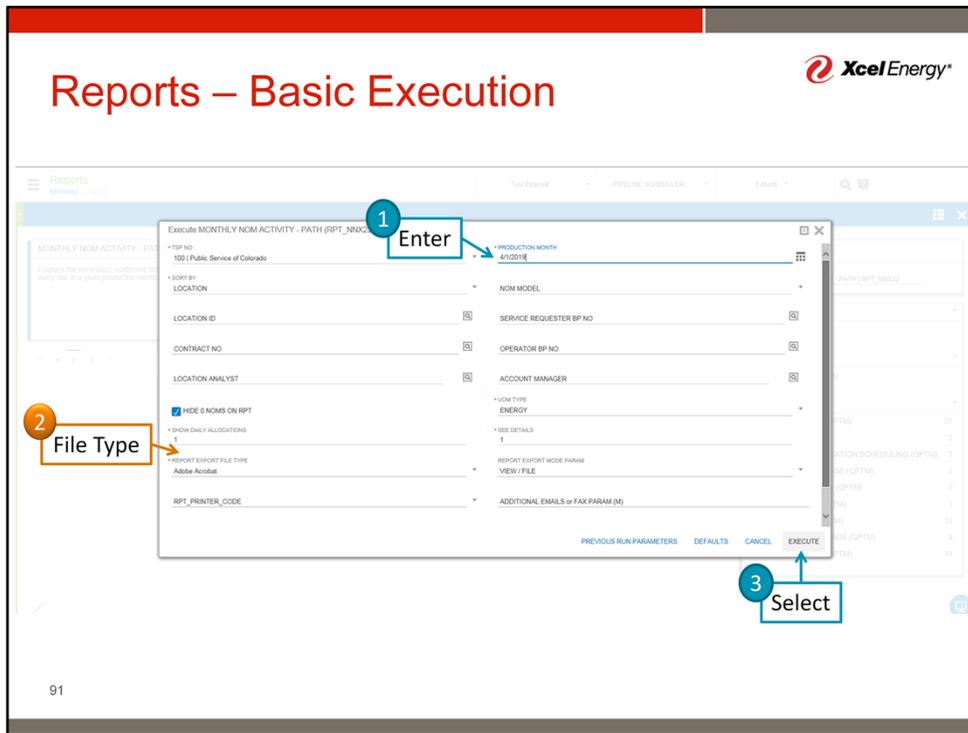


Report execution starts with identifying the report of interest. In this case, we will use the search box. Begin typing in monthly nom. Select MONTHLY NOM ACTIVITY – PATH (RPT_NNX22-QPTM) when it appears in the drop down.

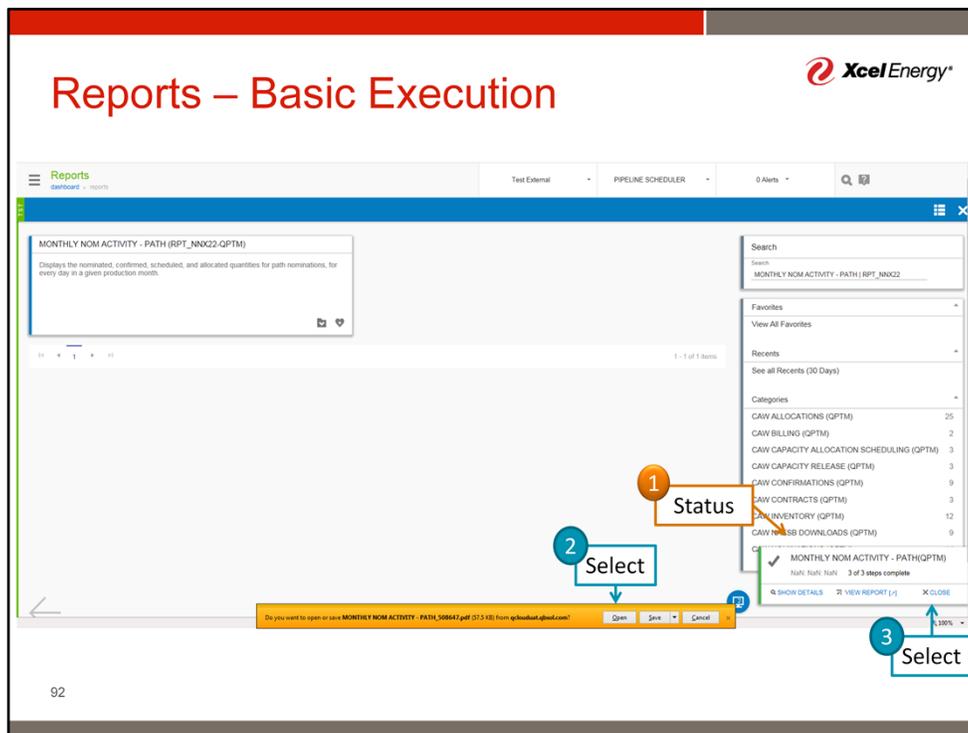


Select the folder icon to Launch the report.

Reports – Basic Execution



A series of prompts will occur. The prompts will vary by report. For this report, at a minimum, production or accounting month must be populated. Populate the Production Month with 4/1/2019. One item of interest before executing the report is the Report Export File Type field. This allows the user to toggle between different file formats such as PDF or XLSX. Once selected, select the execute button.



A status window will appear in the lower right hand corner of the screen. Once complete and successful, the report status bar will show green on the left side, and a prompt will open at the bottom of the screen to save or open the file. Depending on your need, you can select which ever option is applicable. For today, we will select open. One note, you will also need to select close on the status menu to clear it from the screen.

Other Reports – Common Reports

Reports – Common Reports



- **Nominated**, confirmed, scheduled, and allocated quantities for every day in a given production month.
 - MONTHLY NOMINATION ACTIVITY - PATH (EXPORT) (RPNNX22_EX-QPTM)
- **Measured** and energy quantities for child locations behind an aggregate location for a given month.
 - AGGREGATE LOCATION DAILY (EXTERNAL - EXPORT) (RALRX08_EX-QPTM)

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The system has a number of reports depending on the information desired. Here is a list of common reports for specific tasks.

Note: Several Reports have two versions, one with and one without, the word Export in the title. The word Export in the title indicates the report is formatted in a more spreadsheet friendly way. These reports are recommended if the data is being downloaded for analysis in spreadsheets.

Reports – Common Reports



- Customer account balance including the associated daily allocated receipts and deliveries that make up the monthly **imbalance**.
 - DAILY IMBALANCES - SHOWS DAILY DETAIL (EXTERNAL) (RPT_INX40-QPTM)
- **Invoice** packet containing all documents configured for the invoice group.
 - BILLING - INVOICE DOCUMENTS - EXTERNAL (RPTBLRX_00-QPTM)
 - BILLING - INVOICE DOCUMENTS - (EXTERNAL - EXPORT) (RBLRX00_EX-QPTM)

Note: All invoices shown in QPTM are considered INFORMATION ONLY. Actual invoices will be communicated through normal billing processes.