



Throughput Management System (TMS) User Manual





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Overview

Northern Natural Gas Company (Northern) has updated the Throughput Management System (TMS) from a Smalltalk application to a Java (web-based) application. TMS is the main application customers use to nominate, confirm and schedule quantities on Northern's pipeline. The basic functionality and makeup is similar to the previous TMS version in order to remain consistent when conducting business on Northern; however, new features and enhancements have been included.

A summary of new features and enhancements are listed below.

New features

- Predictive Select functionality is offered for location, service requester/operator and contract fields. The previous five selected values will automatically be displayed.
- Redesigned grouping, sorting and column filtering feature
- Redesigned nomination copy feature with the ability to copy all nominations or select specific nominations
- Newly added or edited nominations will appear in **blue** text, then change to **black** when submitted
- New function for Nomination Reconciliation that provides the user the ability to access Nomination Maintenance to add, change or delete a nomination
- New hyperlink feature within the Cycle Process Status screen to allow the user to quickly view the capacity constraint notice(s) for the selected Gas Day/cycle
- Ability to select **All (view only)** to view all the nominations at once when the user enters an aggregated pooling contract








Enhancements

- User has the ability to view preliminary scheduled quantities during each cycle process: balancing, allocations and confirmations
- Enhanced Reduction Reason Detail screen that will allow a user to view reductions on its contracts after each process: balancing, allocations and confirmations
- Two storage netting screens: one to setup storage netting and one to view storage netting activity
- Redesigned view for EDI processing
- Single screen to view storage contract balances
- New inbox feature to view current TMS notification(s)
- New Dashboard screen that includes several helpful hyperlinks to external webpages
- Eighteen months of history will be viewable (previously twelve months)




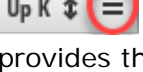



Additional detailed descriptions of the new features and enhancements can be reviewed below in Quick Tips.






Quick Tips

- To open more than one session of TMS:
 - Click on the **Menu** item
 - Right click on the desired destination
 - Click "**Open in New Tab**"
- TMS will automatically logout inactive users after two hours; to prevent this, a user can open a tab for **Cycle Process Status**, which automatically refreshes every 30 seconds resulting in your session remaining active
- All fields with a **red** asterisk "*" are required fields
- New nomination paths are **blue** in color; nomination paths will change to **black** once submitted
- When entering a Svc Req K, TMS displays the previous five contracts that have been used
- If a user wants to have two different contracts open at the same time
 - Select Nominations, Nomination Maintenance, right click and select **Open in New Tab**
- In the **Cycle Process Status** screen, a **blue** hyperlink indicates either Throughput or Storage was allocated. Select the hyperlink to access the non-critical notice for the selected cycle allocation.
-  **Envelope** button in the upper right portion of each screen displays the number of active messages (e.g. timeline extension) that Northern has distributed. The number in **red** reflects the number of unread messages.
-  **Reset** button, which appears on each screen, allows a user to revert visual changes made to a screen (e.g., grouping, sorting, width of a column) back to the original state.
-  **Export** button, which appears on each screen, allows a user to export the data on the screen as a CSV or Excel file.
-  **SBS** button: Select to see the storage balancing contract and the associated transport contract. If a user does not have SBS, this button will not appear.
-  **Ellipsis option**, located to the right of the **Retrieve** button, allows a user to open related screens associated to the underlying screen.
- Using  on the Nomination Maintenance screen, allows a user to select:
 - **Open New** to open nomination maintenance
 - **Open NomQ** to open nominated quantities by cycle screen
 - **Open SchQ** to open scheduled quantities screen
 - **Open NomR** to open the nomination reconciliation screen
-  **Collapse** button collapses a portion of the screen



-  **Expand** button expands the previously collapsed portion of a screen
-  **Information** button select to open the location detail information
-  Select to open the corresponding upstream or downstream contract
-  Hover over any column heading to display the **Column Header Menu**. This provides the user with several options:
 - Select  to pin (move) or autosize a column(s)
 - Select  to choose filtering options
 - Select  to choose what column(s) appear. To filter out unwanted columns uncheck the box.
- To group data within a grid, user can simply grab and drag a column header to the row above the header where **[Drag here to set row groups]** is displayed.



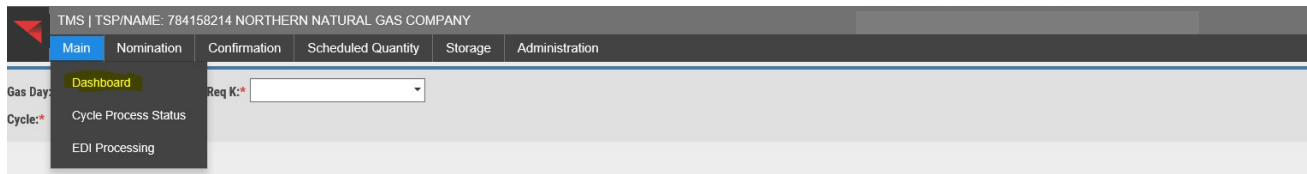
- When grouping:
 - Select  to the left of group to see records for just that group
 - Hover over the column heading, select  and select **Expand All** to see all records
- Upon selecting a grid row for a contract there are additional buttons within the grid entry (**PRIMARY REC LOCS, PRIMARY DEL LOCS, EPSQ, RATES, R/D TOTALS** and **MDQ USAGE**). Once selected a new screen will launch with additional information.
-  **Grid Entry Form** button: Users may choose information to be displayed in the grid entry form by selecting this button. Click on the button to disable the grid entry form. Click again and the form will open.
 - Use the "Tab" key to navigate through the value fields within the grid entry form.



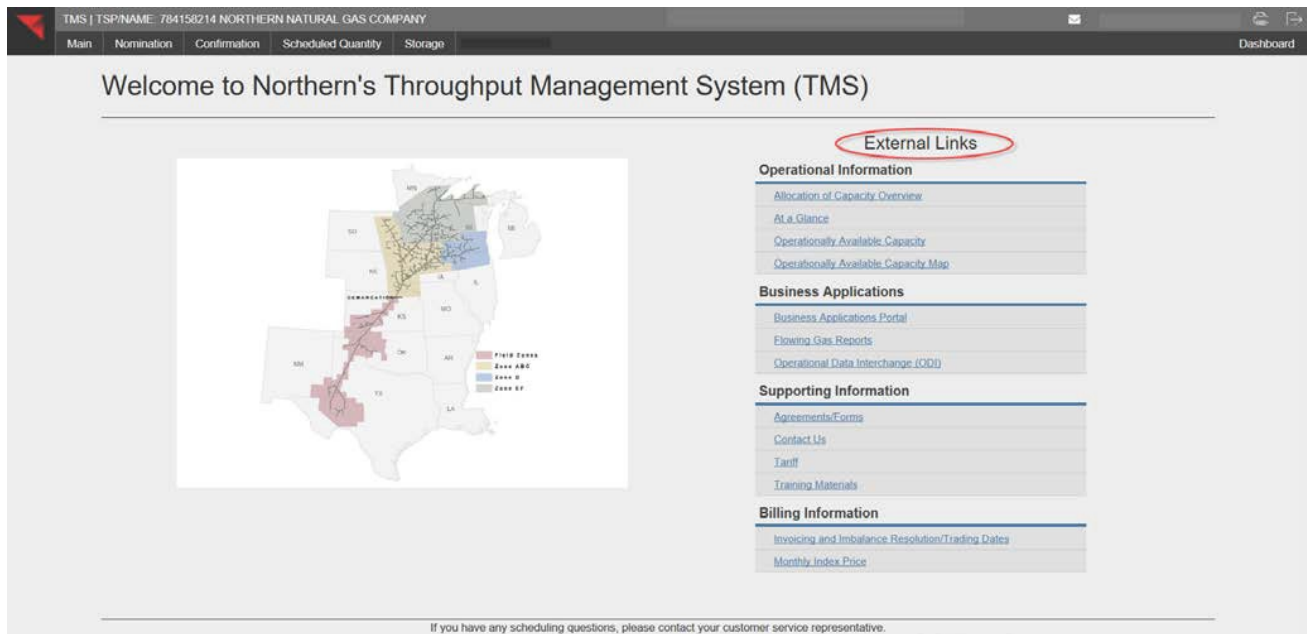
Main Menu

Dashboard


- This is the Throughput Management System (TMS) home page.
- To return to this screen from another location within TMS, select **Main** and then **Dashboard**.



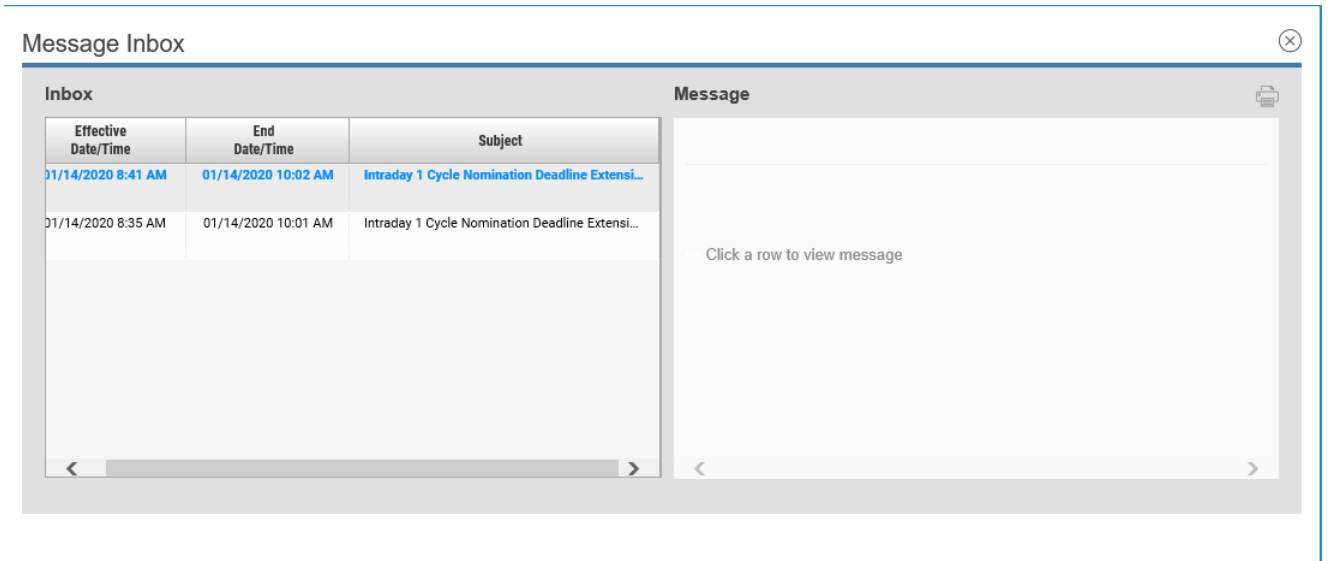
- Dashboard** contains multiple external links. Each external link will open a new browser window and includes the following links:
 - Operational Information
 - Allocation of Capacity Overview, At a Glance, Operationally Available Capacity and Operationally Available Capacity Map
 - Business Applications
 - Business Application Portal, Flow Gas Reports and Operational Data Interchange (ODI)
 - Supporting Information
 - Agreements/Forms, Contact Us, Tariff and Training Materials
 - Billing Information
 - Invoicing and Imbalance Resolution/Trading Dates and Monthly Index Prices





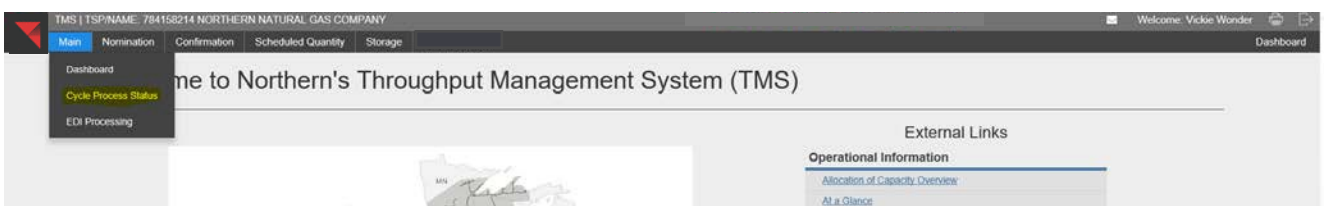
The envelope  in the upper right portion of the screen (message icon) shows all active messages (e.g., timeline extension) that Northern sends out. The number in **red** reflects the number of unread messages. The message icon will appear on each screen in TMS.

- Once the user clicks on the new message(s), the number in **red** on the message icon disappears.



Cycle Process Status

- This screen provides the user a view of the processed cycles for a given gas day and replaces the Batch Schedule Status. Three successive gas days (prior, current and next day) will be displayed. The cycles identify which process has completed or is currently processing.
- To view this screen select **Main** and then **Cycle Process Status**.





- When Throughput or Storage is allocated, the user can select the hyperlink in **blue** located within each cycle that will take you to the non-critical notice for that cycle to see the point(s) or group(s) that were allocated.
- This screen will automatically refresh every 30 seconds.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main

Nomination

Confirmation

Scheduled Quantity

Storage

Cycle Process Status

Gas Day: 02/19/2019

Retrieve

Gas Day: 02/18/2019

Cycle

Start Date/Time

End Date/Time

Timely Cycle

Cycle Started

02/17/2019 12:00 AM

02/17/2019 1:25 PM

Balancing Completed

02/17/2019 12:00 AM

02/17/2019 1:31 PM

Throughput Allocated

02/17/2019 12:00 AM

02/17/2019 1:58 PM

Confirmations Completed

02/17/2019 12:00 AM

02/17/2019 4:36 PM

Storage Allocated (Withdrawal)

02/17/2019 12:00 AM

02/17/2019 4:51 PM

Cycle Completed

02/17/2019 12:00 AM

02/17/2019 4:52 PM

Notifications Completed

02/17/2019 12:00 AM

02/17/2019 4:56 PM

Evening Cycle

Cycle Started

02/17/2019 12:00 AM

02/17/2019 6:23 PM

Balancing Completed

02/17/2019 12:00 AM

02/17/2019 6:30 PM

Throughput Not Allocated

02/17/2019 12:00 AM

02/17/2019 6:38 PM

Storage Allocated (Withdrawal)

02/17/2019 12:00 AM

02/17/2019 6:45 PM

Confirmations Completed

02/17/2019 12:00 AM

02/17/2019 8:41 PM

Cycle Completed

02/17/2019 12:00 AM

02/17/2019 8:42 PM

Notifications Completed

02/17/2019 12:00 AM

02/17/2019 8:46 PM

Non-Grid A.M. Cycle

Cycle Started

02/18/2019 12:00 AM

02/18/2019 7:25 AM

Balancing Completed

02/18/2019 12:00 AM

02/18/2019 7:31 AM

Throughput Not Allocated

02/18/2019 12:00 AM

02/18/2019 7:35 AM

Storage Allocated (Withdrawal)

02/18/2019 12:00 AM

02/18/2019 7:42 AM

Confirmations Completed

02/18/2019 12:00 AM

02/18/2019 8:10 AM

Cycle Completed

02/18/2019 12:00 AM

02/18/2019 8:11 AM

Notifications Completed

02/18/2019 12:00 AM

02/18/2019 8:15 AM

Intraday 1 Cycle

Cycle Started

02/18/2019 12:00 AM

02/18/2019 10:35L

Balancing Completed

02/18/2019 12:00 AM

02/18/2019 10:44L

Throughput Not Allocated

02/18/2019 12:00 AM

02/18/2019 10:53L

Storage Allocated (Withdrawal)

02/18/2019 12:00 AM

02/18/2019 11:05L

Confirmations Completed

02/18/2019 12:00 AM

02/18/2019 12:42L

Notifications Completed

02/18/2019 12:00 AM

02/18/2019 12:43L

Gas Day: 02/19/2019

Cycle

Start Date/Time

End Date/Time

Timely Cycle

Cycle Started

02/18/2019 12:00 AM

02/18/2019 1:25 PM

Balancing Completed

02/18/2019 12:00 AM

02/18/2019 1:30 PM

Throughput Allocated

02/18/2019 12:00 AM

02/18/2019 2:05 PM

Confirmations Completed

02/18/2019 12:00 AM

02/18/2019 4:37 PM

Storage Allocated (Withdrawal)

02/18/2019 12:00 AM

02/18/2019 4:51 PM

Cycle Completed

02/18/2019 12:00 AM

02/18/2019 4:52 PM

Notifications Completed

02/18/2019 12:00 AM

02/18/2019 4:56 PM

Evening Cycle

Cycle Started

02/18/2019 12:00 AM

02/18/2019 6:23 PM

Balancing Completed

02/18/2019 12:00 AM

02/18/2019 6:29 PM

Throughput Not Allocated

02/18/2019 12:00 AM

02/18/2019 6:33 PM

Storage Allocated (Withdrawal)

02/18/2019 12:00 AM

02/18/2019 6:38 PM

Confirmations Completed

02/18/2019 12:00 AM

02/18/2019 8:40 PM

Cycle Completed

02/18/2019 12:00 AM

02/18/2019 8:41 PM

Notifications Completed

02/18/2019 12:00 AM

02/18/2019 8:45 PM

Non-Grid A.M. Cycle

Cycle Started

02/19/2019 12:00 AM

02/19/2019 7:25 AM

Balancing Completed

02/19/2019 12:00 AM

02/19/2019 7:32 AM

Throughput Not Allocated

02/19/2019 12:00 AM

02/19/2019 7:45 AM

Storage Allocated (Withdrawal)

02/19/2019 12:00 AM

02/19/2019 7:52 AM

Confirmations Completed

02/19/2019 12:00 AM

02/19/2019 8:10 AM

Cycle Completed

02/19/2019 12:00 AM

02/19/2019 8:11 AM

Notifications Completed

02/19/2019 12:00 AM

02/19/2019 8:16 AM

Intraday 1 Cycle

Cycle Started

02/19/2019 12:00 AM

02/19/2019 10:25L

Balancing Completed

02/19/2019 12:00 AM

02/19/2019 10:34L

Throughput Allocated

02/19/2019 12:00 AM

02/19/2019 10:48L

Storage Allocated (Withdrawal)

02/19/2019 12:00 AM

02/19/2019 10:58L

Confirmations Completed

02/19/2019 12:00 AM

02/19/2019 12:42L

Notifications Completed

02/19/2019 12:00 AM

02/19/2019 12:43L

Gas Day: 02/20/2019

Cycle

Start Date/Time

End Date/Time

Timely Cycle

Cycle Started

02/19/2019 12:00 AM

02/19/2019 1:25 PM

Balancing Completed

02/19/2019 12:00 AM

02/19/2019 1:30 PM

Throughput Allocated

02/19/2019 12:00 AM

02/19/2019 1:57 PM

Confirmations Completed

02/19/2019 12:00 AM

02/19/2019 4:37 PM

Storage Allocated (Withdrawal)

02/19/2019 12:00 AM

02/19/2019 4:46 PM

Cycle Completed

02/19/2019 12:00 AM

02/19/2019 4:47 PM

Notifications Completed

02/19/2019 12:00 AM

02/19/2019 4:52 PM

Evening Cycle

Cycle Started

02/19/2019 12:00 AM

02/19/2019 6:23 PM

Balancing Completed

02/19/2019 12:00 AM

02/19/2019 6:29 PM

Throughput Not Allocated

02/19/2019 12:00 AM

02/19/2019 6:35 PM

Storage Allocated (Withdrawal)

02/19/2019 12:00 AM

02/19/2019 6:38 PM

Confirmations Completed

02/19/2019 12:00 AM

02/19/2019 8:40 PM

Cycle Completed

02/19/2019 12:00 AM

02/19/2019 8:41 PM

Notifications Completed

02/19/2019 12:00 AM

02/19/2019 8:45 PM

Non-Grid A.M. Cycle

Cycle Started

02/20/2019 12:00 AM

02/20/2019 7:25 AM

Balancing Completed

02/20/2019 12:00 AM

02/20/2019 7:31 AM

Throughput Not Allocated

02/20/2019 12:00 AM

02/20/2019 7:35 AM

Storage Allocated (Withdrawal)

02/20/2019 12:00 AM

02/20/2019 7:40 AM

Confirmations Completed

02/20/2019 12:00 AM

02/20/2019 8:10 AM

Cycle Completed

02/20/2019 12:00 AM

02/20/2019 8:11 AM

Notifications Completed

02/20/2019 12:00 AM

02/20/2019 8:17 AM

Intraday 1 Cycle

Cycle Started

02/20/2019 12:00 AM

02/20/2019 10:25L

Balancing Completed

02/20/2019 12:00 AM

02/20/2019 10:34L

Throughput Not Allocated

02/20/2019 12:00 AM

02/20/2019 10:44L

Storage Allocated (Withdrawal)

02/20/2019 12:00 AM

02/20/2019 10:50L

Confirmations Completed

02/20/2019 12:00 AM

02/20/2019 12:42L

Notifications Completed

02/20/2019 12:00 AM

02/20/2019 12:43L

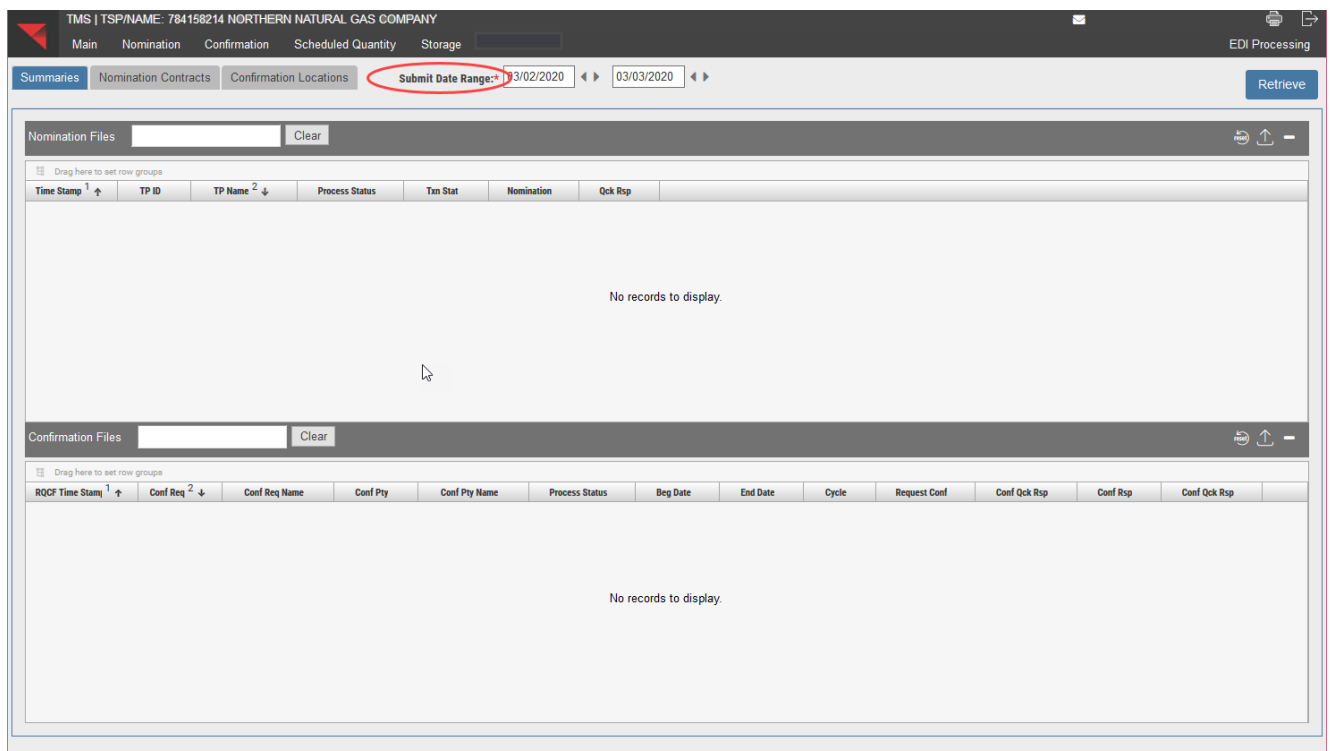


EDI Processing

- This screen allows the user to view summary and detail information for EDI files within a date range.
- To view this screen, select **Main** and then **EDI Processing**.



- There are three sections to view: **Summaries, Nomination Contracts and Confirmation Locations**.
- Files with time stamps within the **Submit Date Range** will be displayed in the results, irrespective of the gas day; up to one month of data can be viewed at a time.
- **Retrieve** button updates all three sections.
- Collapse a section by selecting **-**; expand by selecting **+**





EDI Processing – Summaries

Nomination-related files are displayed on the upper half of the screen; confirmation-related files are displayed on the lower half of the screen.

Nomination Files:

The screenshot displays the 'EDI Processing' interface. The top navigation bar includes 'Main', 'Nomination', 'Confirmation', 'Scheduled Quantity', and 'Storage'. Below this, there are tabs for 'Summaries', 'Nomination Contracts', and 'Confirmation Locations'. The 'Nomination Files' section is active, showing a table with columns: Time Stamp, TP ID, TP Name, Process Status, Txn Stat, Nomination, and Qck Rsp. The table lists several transactions with their respective statuses (Complete, Rejected, Complete) and transaction types (WQ, EZ, WQ). The 'Confirmation Files' section is visible below, showing a similar table structure with columns for BQCF Time Stamp, Conf Req, Conf Req Name, Conf Pky, Conf Pky Name, Process Status, Beg Date, End Date, Cycle, Request Conf, Conf Qck Rsp, Conf Rsp, and Conf Qck Rsp.

*Each header-level reference number within a file is a separate "transaction"

Field	Usage
quick filter	Enter text or numbers to filter the displayed results
Time Stamp	The value assigned at the time the file was delivered to the Northern EDI hub
TP ID	Trading Partner DUNS for the sender of the file
TP Name	Trading Partner Name
Process Status	Processing Complete Rejected
Txn Stat	Transaction Status* WQ = the entire transaction was accepted EZ = errors and/or warnings occurred in the transaction RZ = the entire transaction was rejected due to header level errors
Nomination (hyperlink)	Shown in red if the entire file rejected (the most common cause is structural problems) Clicking the hyperlink will display the file data in a separate browser tab
Qck Rsp (hyperlink)	Shown in red if the response contains any error codes Clicking the hyperlink will display the file data in a separate browser tab



Confirmation Files:

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage n EDI Processing

Summaries Nomination Contracts Confirmation Locations Submit Date Range: 01/18/2020 End Date: 01/18/2020 Retrieve

Nomination Files Clear

Time Stamp	TP ID	TP Name	Process Status	Tra Stat	Nomination	Qck Rsp
01/18/2020 2:38:54 PM	123456789	ABC SHIPPER COMPANY	Complete	WQ	NMST	NMGR
01/18/2020 2:14:11 PM	123456789	ABC SHIPPER COMPANY	Complete	EZ	NMST	NMGR
01/18/2020 2:13:13 PM	123456789	ABC SHIPPER COMPANY	Rejected	RZ	NMST	NMGR
01/18/2020 2:06:46 PM	123456789	ABC SHIPPER COMPANY	Complete	WQ	NMST	NMGR
01/18/2020 1:52:02 PM	9876789	ABC SHIPPER AGENT	Complete	WQ	NMST	NMGR
01/18/2020 1:41:04 PM	9876789	ABC SHIPPER AGENT	Complete	EZ	NMST	NMGR

Confirmation Files Clear

RQCF Time Stamp	Conf Req	Conf Req Name	Conf Pty	Conf Pty Name	Process Status	Reg Date	End Date	Cycle	Request Conf	Conf Qck Rsp	Conf Rsp	Conf Qck Rsp
01/18/2020 2:58:48 PM	123456789	ABC SHIPPER COMPANY	784158214	Northern Natural Gas	Complete	01/18/2020	01/18/2020	Intraday 2	RQCF	CRGR	RRFC	RRFC
01/18/2020 2:58:48 PM	123456789	ABC SHIPPER COMPANY	784158214	Northern Natural Gas	Complete	01/18/2020	01/18/2020	Intraday 2	RQCF	CRGR	RRFC	RRFC

Field	Usage
quick filter	Enter text or numbers to filter the displayed results
RQCF Time Stamp	The value assigned at the time the file was delivered to the Northern EDI hub
Conf Req	Confirmation Requester: Trading Partner DUNS for the sender of the file
Conf Req Name	Confirmation Requester Name
Conf Pty	Confirming Party
Conf Pty Name	Confirming Party Name
Process Status	Processing Complete Rejected
Reg Date	Beginning Gas Day
End Date	Ending Gas Day
Cycle	The first-available scheduling cycle for the Gas Day
Request Conf (hyperlink)	Request for Confirmation: Shown in red if the entire file rejected (the most common cause is structural problems) Clicking the hyperlink will display the file data in a separate browser tab
Conf Qck Rsp (hyperlink)	Confirmation Quick Response: Contains errors or warnings for the Request for Confirmation. Shown in red if the response contains any error codes Clicking the hyperlink will display the file data in a separate browser tab
Conf Rsp (hyperlink)	Confirmation Response: contains confirmation quantities and any associated reduction reason codes
Conf Qck Rsp	Confirmation Response Quick Response: contains any errors or warnings for the Confirmation Response



EDI Processing – Nomination Contracts

Each contract within each nomination file is displayed in the **View Contracts** section.

TMS | TSPNAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage EDI Processing

Summaries **Nomination Contracts** Confirmation Locations Submit Date Range: 01/18/2020 End Date: 01/18/2020 Retrieve

Nomination – View Contracts Clear

Time Stamp	Svc Req	Svc Req Name	Svc Req K	Req Date	End Date	Cycle	NMQR Detail
01/18/2020 2:36:54 PM	123456789	ABC SHEPPER COMPANY	136664	01/18/2020	01/18/2020	Intraday 2	None
01/18/2020 2:36:54 PM	123456789	ABC SHEPPER COMPANY	136666	01/18/2020	01/18/2020	Intraday 2	None
01/18/2020 2:16:11 PM	123456789	ABC SHEPPER COMPANY	136666	01/18/2020	01/18/2020	Intraday 2	None
01/18/2020 2:16:11 PM	123456789	ABC SHEPPER COMPANY	136666	01/18/2020	01/18/2020	Intraday 2	None
01/18/2020 2:06:46 PM	123456789	ABC SHEPPER COMPANY	136666	01/18/2020	01/18/2020	Intraday 2	None
01/18/2020 1:52:02 PM	987657987	ABC SHEPPER AGENT	136666	01/22/2020	01/31/2020	Timely	None
01/18/2020 1:41:04 PM	987657987	ABC SHEPPER COMPANY	136664	01/22/2020	01/31/2020	Timely	Error
01/18/2020 1:41:04 PM	987657987	ABC SHEPPER AGENT	136666	01/22/2020	01/31/2020	Timely	Error
01/18/2020 1:41:04 PM	987657987	ABC SHEPPER COMPANY	136667	01/22/2020	01/31/2020	Timely	Warning

Error Detail Clear

Nom Trk ID	Val Ctl	Val Message
1	ENMQR525	INVALID RECEIPT LOCATION
2	ENMQR525	INVALID RECEIPT LOCATION

- **Time Stamp** shows the file time stamp, which corresponds to the same value from the Summaries area.
- **Svc Req** shows the Contract's Service Requester DUNS.
- **NMQR Detail** column shows error/warning status for each contract. Values include 'None', 'Warning', or 'Error'.
- Selecting a row whose NMQR Detail is 'Warning' or 'Error' will display corresponding code and message in the Error Detail section.
 - If Nom Trk ID is blank, the detail shown is contract-level.
 - When Nom Trk ID exists, the detail shown pertains to a specific line item
 - A line item may have more than one row of detail.



EDI Processing – Confirmation Locations

Each location within each confirmation file is displayed in the **View Locations** section.

TMS | TSPNAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main | Nomination | Confirmation | Scheduled Quantity | Storage

Summaries | Nomination Contracts | **Confirmation Locations** | Submit Date Range: 01/18/2020 | End Date: 01/18/2020 | Retrieve

Confirmations – View Locations | Clear

ROCF Time Stamp	RRFC Time Stamp	Conf Req	Conf Req Name	Conf Pky	Conf Pky Name	Loc	Reg Date	End Date	Cycle	CRQR Detail	RRFC Cuts	CRQR Detail
01/18/2020 2:58:48 PM	01/18/2020 3:25:01 PM	123456789	ABC SHIPPER COMPANY	784158214	Northern Natural Gas	78489	01/18/2020	01/18/2020	Intraday 2	None	N	
01/18/2020 2:58:48 PM	01/17/2020 9:40:23 AM	123456789	ABC SHIPPER COMPANY	784158214	Northern Natural Gas	78489	01/18/2020	01/18/2020	Intraday 2	None	N	
01/18/2020 2:58:48 PM	01/17/2020 9:40:22 AM	123456789	ABC SHIPPER COMPANY	784158214	Northern Natural Gas	78489	01/18/2020	01/18/2020	Intraday 2	None	N	
01/18/2020 2:58:48 PM	01/17/2020 9:40:22 AM	123456789	ABC SHIPPER COMPANY	784158214	Northern Natural Gas	78490	01/18/2020	01/18/2020	Intraday 2	None	N	
01/18/2020 2:58:48 PM	01/16/2020 3:04:13 PM	123456789	ABC SHIPPER COMPANY	784158214	Northern Natural Gas	78489	01/18/2020	01/18/2020	Intraday 2	None	N	
01/18/2020 2:58:48 PM	01/16/2020 3:04:13 PM	123456789	ABC SHIPPER COMPANY	784158214	Northern Natural Gas	78490	01/18/2020	01/18/2020	Intraday 2	Error	NA	

Error Detail | Clear

Conf Trk ID	CRQR Val Cn	CRQR Val Message	RRFC RR	RRFC RR Name	CRQR Val Cn	CRQR Val Message
4	ECRQR543	NO CORRESPONDING NOMINATION AT RECEIPT LOCATION				
5	ECRQR542	NO CORRESPONDING NOMINATION AT DELIVERY LOCATION				

- **ROCF Time Stamp** shows the file time stamp, which corresponds to the same value from the Summaries area.
- **RRFC Time Stamp** shows the time Northern generated the confirmation response file.
- The first instance of the column **CRQR Detail** shows error/warning status for each location in the request for confirmation. Values include 'None', 'Warning', or 'Error'.
- **RRFC Cuts**:
 - Displays 'Y' if the confirmation response contains reduction reason codes
 - 'N' if there are no reduction reason codes
 - 'NA' if no confirmation response was generated due to errors for all confirmation line items for the location (or location-level error).
- The right-most instance of **CRQR Detail** shows any errors or warning messages that correspond to the confirmation response. Values include 'None', 'Warning', 'Error', or blank. *Not all trading partners send this file.*
- Selecting a row will display all applicable error/warning or reduction reason detail in the **Error Detail** section.
 - If Conf Trk ID is blank, the detail shown is location-level.
 - When Conf Trk ID exists, the detail shown pertains to a specific line item
 - A line item may have more than one row of detail.



Nominations Menu

Nomination Maintenance

- This screen allows a user to enter a nomination that identifies the amount of gas a service requester expects to transport on the pipeline, subject to the terms and conditions of the contract under which the service is being requested.
To enter a nomination select **Nominations** from the **Main** menu or **Dashboard** and then **Nomination Maintenance**.
- Enter a **Gas Day**. Click in the field to access the calendar or use the two arrows to select previous gas day or next gas day. TMS defaults to the current gas day.

The screenshot shows the 'Nomination Maintenance' screen. At the top, there's a navigation bar with 'Main', 'Nomination', 'Confirmation', 'Scheduled Quantity', and 'Storage'. Below this, the 'Gas Day' field is set to '01/14/2020' with a calendar icon. To its right is the 'Svc Req K' field. A calendar for January 2020 is displayed, showing the 14th as the selected date. A 'Retrieve' button is on the right.

- Enter a **Svc Req K**. TMS displays the previous five contracts the user has retrieved.
- User can also do an **Advanced Search**.
- Select **Retrieve**.

This screenshot shows the search results for 'Svc Req K'. The 'Gas Day' is '01/16/2020' and 'Svc Req K' is '136664'. A dropdown menu shows 'Results' and 'Advanced Search'. Below, a list of results is shown: '136664 (IT/TT) ABC SHIPPER COMPANY'. A 'Retrieve' button is on the right.

- The **Nomination Maintenance** screen appears to input the nomination.
- Select **Add New** to input a new record.

This screenshot shows the 'Add New' button circled in red. Below the button is a table with columns: Cycle, Beg Date, End Date, Rec Loc, Up ID, Up K, Rec Qty, Rec Rank, Del Loc, Del ID, Del K, Del Qty, Del Rank, Pkg ID, Fuel Qty, TT, Proc Right, Receipt Time, Source, and Non Tls ID. The table is currently empty, with a message 'No records to display.' at the bottom.



- When the grid entry form opens enter the data and select **Add**.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Gas Day: 01/16/2020 Svc Req K: 136664 (IT/TT) Svc Req/Name: 123456789 ABC SHIPPER COMPANY Agent/Name: 987987987 ABC SHIPPER AGENT Retrieve

Receipt PATHED DELIVERY

Beg Date: 01/16/2020
 End Date: 01/31/2020
 TT/Desc: 01 - Cur Bus

Rec Loc: 1318
 Rec Loc Name: TBPL/NING BEATRICE
 Up K: 111111111
 Up ID: 111111111
 Up Name:
 Rec Qty: 5000 Rec Rank: 1

Del Loc: 192
 Del Loc Name: NBPL/NING VENTURA
 Del K: RF0010
 Del ID: 123123123
 Del Name:
 Del Qty: 0 Del Rank: 1

Pkg ID: 123
 Nom Trk ID:
 Proc Right: No
 Fuel Qty:

Add Clear

Add New Copy Submit

Cycle	Beg Date	End Date	Rec Loc	Up ID	Up K	Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Pkg ID	Fuel Qty	TT	Proc Right	Receipt Time	Source	Nom Trk ID
-------	----------	----------	---------	-------	------	---------	----------	---------	--------	-------	---------	----------	--------	----------	----	------------	--------------	--------	------------

- The new record will be blue in color.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Gas Day: 01/16/2020 Svc Req K: 136664 (IT/TT) Svc Req/Name: 123456789 ABC SHIPPER COMPANY Agent/Name: 987987987 ABC SHIPPER AGENT Retrieve

Add New Copy Submit

Cycle	Beg Date	End Date	Rec Loc	Up ID	Up K	Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Pkg ID	Fuel Qty	TT	Proc Right	Receipt Time	Source	Nom Trk ID
Timely	01/16/2020	01/31/2020	1318	111111111	111111111	5,000	1	192	123123123	RF0010	4,949	1	123	01	01	No	01/15/2020 7:50 A.	Online	

5,000 4,949 01



- When user selects **Submit**, the new record in **blue** changes to **black**. The record has now been saved.

TMS | TSP:NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Gas Day: 01/16/2020 Svc Req K: 136664 (IT/TT) Svc Req/Name: 123456789 ABC SHIPPER COMPANY Agent/Name: 987987987 ABC SHIPPER AGENT

Retrieve

Add New Copy Submit

Cycle	Req Date	End Date	Rec Loc	Up ID	Up K	Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Pkg ID	Fuel Qty	TT	Proc Right	Receipt Time	Source	Non Trk ID
Timely	01/16/2020	01/31/2020	1318	111111111	111111111	5,000	1	192	123123123	RF0010	4,949	1	123	51	01	No	01/16/2020 7:50 A...	Online	

5,000 4,949 51

- To add or change a record, highlight the record, the grid entry form opens so the user can make changes and select **Add** or **Change**.
- If Add is selected and then a user decides not to add the record, the user may select the circled **x** on the right hand side, which will close the grid entry form and take the user back to the nomination.
- To delete a record, highlight the record. When the grid entry form opens, select **Delete**.

TMS | TSP:NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Gas Day: 01/16/2020 Svc Req K: 136664 (IT/TT) Svc Req/Name: 123456789 ABC SHIPPER COMPANY Agent/Name: 987987987 ABC SHIPPER AGENT

Retrieve

Add New Copy Submit

Cycle	Req Date	End Date	Rec Loc	Up ID	Up K	Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Pkg ID	Fuel Qty	TT	Proc Right	Receipt Time	Source	Non Trk ID
Timely	01/16/2020	01/31/2020	1318	111111111	111111111	5,000	1	192	123123123	RF0010	4,949	1	123	51	01	No	01/16/2020 7:50 A...	Online	

5,000 4,949 51

RECEIPT DELIVERY

Rec Loc: 1318 Del Loc: 192

Rec Loc Name: TBPL/NNG BEATRICE Del Loc Name: NSPL/NNG VENTURA

Up K: 111111111 Del K: RF0010

Up ID: 111111111 Del ID: 123123123

Up Name: Del Name:

Rec Qty: 5000 Rec Rank: 1 Del Qty: 4949 Del Rank: 1

Pkg ID: 123

Non Trk ID:

Proc Right: No

Fuel Qty: 51

Add Change Delete



- The new record added or changed is in **blue** and then changes to **black** once user selects **Submit**.

TMS | TSPNAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Gas Day: 01/16/2020 Svc Req K: 136664 (IT/IT) Svc Req/Name: 123456789 ABC SHIPPER COMPANY Agent/Name: 987987987 ABC SHIPPER AGENT

Retrieval [Add New] [Copy] [Submit]

Cycle	Reg Date	End Date	Reg Loc	Up ID	Up K	Reg Qty	Reg Rank	Del Loc	De ID	De K	Del Qty	Del Rank	Pkg ID	Pool Qty	TT	Prod Right	Receipt Time	Source	Item Trk ID
Timely	01/16/2020	01/31/2020	1318	111111111	111111111	5,000	1	192	123123123	870210	4,949	1	123	51	01	No	01/15/2020 7:50 A.	Online	
Timely	01/16/2020	01/31/2020	1318	111111111	111111111	10,000	1	8077	123123123	136666	9,998	1	456	102	01	No	01/15/2020 8:52 A.	Online	

15,000 14,947 153

- If a pooling contract (MPS) with multiple locations is enter, user can select **All (view only)** from the **Pool** field.
- Select **Retrieve**.

TMS | TSPNAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Gas Day: 01/16/2020 Svc Req K: 136662 (SP/MPS) Svc Req/Name: 123456789 ABC SHIPPER COMPANY Agent/Name: 987987987 ABC SHIPPER AGENT

Retrieval [Add New] [Copy] [Submit]

Pool: Select:

- NNG FIELD/MKT DEMARCATION -16B (37654)
- MID 1 POOLING POINT (71302)
- MID 2 POOLING POINT (71303)
- MID 3 POOLING POINT (71304)
- MID 4 POOLING POINT (71305)
- MID 5 POOLING POINT (71306)
- MID 6 POOLING POINT (71307)
- MID 7 POOLING POINT (71308)
- MID 8 POOLING POINT (71309)
- MID 9 POOLING POINT (71310)
- MID 10 POOLING POINT (71311)
- MID 11 POOLING POINT (71312)
- MID 12 POOLING POINT (71313)
- MID 13 POOLING POINT (71314)
- MID 14 POOLING POINT (71315)
- MID 15 POOLING POINT (71316)
- MID 16A POOLING POINT (71317)
- MID 16B POOLING POINT -1707 (71450)
- All (view only)**

[Retrieve]



- The screen populates with the nominated records.
- The **Group** column shows **37654-NNG FIELD/MKT DEMARCATION-16B (6)** and reflects there are six records at location 37654.
- Select the plus sign to the left of **37654** to see the six records.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Gas Day: 01/16/2020 Svc Req K: 136662 (SP/MPS) Svc Reg/Name: 123456789 ABC SHIPPER COMPANY
Pool: All (view only) Agent/Name: 987987987 ABC SHIPPER AGENT

Retrieve

Add New Copy Submit

Group	Cycle	Reg Date	End Date	Rec Loc	Up ID	Up K	Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Plg ID	Fuel Qty	TT	Receipt Time
37654-NNG FIELD/MKT DEMARCATION-16B (6)							35,500					35,500					

35,500 35,500

- Six records are displayed.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Gas Day: 01/16/2020 Svc Req K: 136662 (SP/MPS) Svc Reg/Name: 123456789 ABC SHIPPER COMPANY
Pool: All (view only) Agent/Name: 987987987 ABC SHIPPER AGENT

Retrieve

Add New Copy Submit

Group	Cycle	Reg Date	End Date	Rec Loc	Up ID	Up K	Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Plg ID	Fuel Qty	TT	Receipt Time
37654-NNG FIELD/MKT DEMARCATION-16B (6)	Timely	01/16/2020	01/31/2020						37654	123456789	136666	20,000	2	516478		06	01/15/2020 9:10
	Timely	01/16/2020	01/31/2020						37654	123456789	136667	5,000	1	84333		06	01/15/2020 9:10
	Timely	01/16/2020	01/31/2020						37654	123456789	136666	10,500	500	789		06	01/15/2020 9:09
	Timely	01/16/2020	01/31/2020	37654	123456789	136664	5,000	500						123		06	01/15/2020 9:08
	Timely	01/16/2020	01/31/2020	37654	123456789	136666	10,500	1								06	01/15/2020 9:08
	Timely	01/16/2020	01/31/2020	37654	123456789	136667	20,000	2						678		06	01/15/2020 9:07
Total 37654-NNG FIELD/MKT DEMARCATION -							35,500					35,500					

35,500 35,500



- If a receipt record on the pooling contract is highlighted, the grid entry form opens and the **RECEIPT** field is highlighted. If a delivery record on the pooling contract is highlighted, the **DELIVERY** field is highlighted.
- When the **EPSQ** and **R/D TOTALS** buttons are selected, a modal window will be launched showing additional information.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Gas Day: 01/16/2020 Svc Req K: 136662 (SP/MP) Svc Req/Name: 123456789 ABC SHIPPER COMPANY Agent/Name: 987987987 ABC SHIPPER AGENT

Pool: All (view only) SBS

Buttons: Add New, Copy, Submit

Group	Cycle	3	End Date	Rec Loc	2	Up ID	Up K	Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Pkg ID	Fuel Qty	TT	Receipt Time
37654-NNG FIELD/MKT DEMARCAT-16B (6)	Timely	01/16/2020	01/31/2020	37654	123456789	136666	20,000	2	516478	08	01/15/2020							
	Timely	01/16/2020	01/31/2020	37654	123456789	136667	5,000	1	54333	08	01/15/2020							
	Timely	01/16/2020	01/31/2020	37654	123456789	136666	10,500	500	789	08	01/15/2020							
	Timely	01/16/2020	01/31/2020	37654	123456789	136664	5,000	500	123	08	01/15/2020							

Buttons: RECEIPT, PATHED, DELIVERY

Modal Window Details:

Rec Loc: 37654
 Rec Loc Name: NNG FIELD/MKT DEMARCAT-16B
 Up K: 136664
 Up ID: 123456789
 Up Name: ABC SHIPPER COMPANY
 Rec Qty: 5,000 Rec Rank: 500

Buttons: Add, Change, Delete

Modal Window Details (Right):

Pkg ID: 123
 Nom Trk ID:
 Proc Right:
 Fuel Qty:

Buttons: Add, Change, Delete

- If a transportation contract is entered and a record highlighted, the grid entry form opens and the **PATHED** field is highlighted.
- When the **PRIMARY REC LOCS**, **PRIMARY DEL LOCS**, **EPSQ**, **RATES**, **R/D TOTALS** and **MDQ USAGES** buttons are selected, a modal window will be launched and additional information displayed.
- **MDQ USAGES** will only appear on firm transportation contracts.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Gas Day: 01/16/2020 Svc Req K: 136666 (FT/TF) Svc Req/Name: 123456789 ABC SHIPPER COMPANY Agent/Name: 987987987 ABC SHIPPER AGENT

Market MDQ: 75,000

Buttons: Add New, Copy, Submit

Cycle	2	End Date	Rec Loc	1	Up ID	Up K	Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Pkg ID	Fuel Qty	TT	Proc Right	Receipt Time	Source	Nom Trk ID
Timely	01/16/2020	01/31/2020	37654	123456789	136664	500	1	3124	152698536	ABC	495	1	258	5	01	No	01/15/2020 9:39 A.	Online		

Buttons: PRIMARY REC LOCS, RECEIPT, PATHED, DELIVERY, PRIMARY DEL LOCS, EPSQ, MDQ USAGE, RATES, R/D TOTALS

Modal Window Details:

Rec Loc: 37654
 Rec Loc Name: NNG FIELD/MKT DEMARCAT-16B
 Up K: 136664
 Up ID: 123456789
 Up Name: ABC SHIPPER COMPANY
 Rec Qty: 500 Rec Rank: 1

Del Loc: 3124
 Del Loc Name: ZONE D-WISCONSIN P&L
 Del K: ABC
 Del ID: 152698536
 Del Name: ABC SHIPPER COMPANY
 Del Qty: 495 Del Rank: 1

Buttons: Add, Change, Delete

Modal Window Details (Right):

Pkg ID: 258
 Nom Trk ID:
 Proc Right: No
 Fuel Qty: 5

Buttons: Add, Change, Delete

Summary:

Gas Day: 01/16/2020 Total Receipt Qty: 500 Total Delivery Qty: 495 Total Fuel Qty: 5

- TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Nomination Maintenance

Gas Day: 01/16/2020 Svc Reg K: 136665 (FD/FDD) Svc Reg/Name: 123456789 ABC SHIPPER COMPANY
Agent/Name: 987987987 ABC SHIPPER AGENT Max Injection: 603 Retraive
Max Withdrawal: 0

Add New Copy Submit

Cycle	Reg Date	End Date	Rec Loc	Up ID	Up X	Rec Qty	Rec Rank	Del Loc	De ID	De K	Del Qty	Del Rank	Pkg ID	Fuel Qty	TT	Proc Right	Receipt Time	Source	Trk Trk
Timely	01/16/2020	01/31/2020	98	123456789	136666	300	1								06	No	01/16/2020 9:46 A.	Online	

PRIMARY REC LOC PATHED DELIVERY

EPGQ FDO USAGE RATES AVG TOTALS

Reg Date: 01/16/2020 End Date: 01/31/2020 TT/Desc: 06 - Stor Injection

Rec Loc: 98 Rec Loc Name: OGDEN DEF. DELIVERY Up X: 136666 Up ID: 123456789 Up Name: ABC SHIPPER COMPANY Rec Qty: 300 Rec Rank: 1

Pkg ID: Nom Trk ID: Proc Right: No Fuel Qty:

Add Change Delete

- TMS | TSP NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Nomination Maintenance

Gas Day: 01/16/2020 Svc Req K: 136666 (FT/TF) Svc Req Name: 123456789 ABC SHIPPER COMPANY Market MDQ: 75,000 Retrieve

Agent Name: 987987987 ABC SHIPPER AGENT

Add New Copy Submit

Cycle	Reg Date	End Date	Rec Loc	Up ID	Up K	Rec Qty	Rec Rank	Del Loc	Dn ID	Dn K	Del Qty	Del Rank	Pkg ID	Fuel Qty	TT	Proc Right	Receipt Time	Source	Norm Trk ID
Timely	01/16/2020	01/31/2020	37654	123456789	136664	900	1	3124	152698536	ABC	495	1	258	5	BT	No	01/16/2020 9:39 AM	Online	

Beg Date: 01/16/2020 End Date: 01/31/2020 TT/Desc: 01 - Cur Bus

PRIMARY REC LOC

Rec Loc: 37654 Rec Loc Name: NNG FIELD/MKT DEMARICATION-16R Up K: 136664 Up ID: 123456789 Up Name: ABC SHIPPER COMPANY Rec Qty: 500 Rec Rank: 1

DELIVERY

Del Loc: 3124 Del Loc Name: ZONE D-WISCONSIN P&L Dn K: ABC Dn ID: 152698536 Dn Name: Del Qty: 495 Del Rank: 1

PRIMARY DEL LOC




Pkg ID: 258 Norm Trk ID: Proc Right: No Fuel Qty: 5

Add Change Delete

- opening, click on . Click on this button again and the grid entry form will open.

- Page 21 of 46



- Select  to filter the grid data.
- Select  to hide or show columns. To hide a column uncheck the box.
- To group, left click and hold on to the column heading you want to group by and then drag the mouse upwards to the grid grouping row. An example is grouping by **Up K** - hover your mouse over the **Up K column**, left click and hold, then drag the mouse upwards. Above the column headings to the left of the screen the grouping selection will be shown - . In this example, the six records have been grouped by **Up K**.
- Select the '+' or plus sign to the left of **37654-NNG FIELD/MKT DEMARCATION-16B (6)** to see the record grouping.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY


Main Nomination Confirmation Scheduled Quantity Storage

Gas Day: 01/16/2020 Svc Req K: 136662 (SP/MP) Svc Req/Name: 123456789 ABC SHIPPER COMPANY
Pool: All (view only) Agent/Name: 987987987 ABC SHIPPER AGENT

Retrieval Add New Copy Submit

Group	Cycle	Reg Date	End Date	Reg Loc	Up ID	Reg Qty	Reg Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Plg ID	Fuel Qty	TT	Receipt Time
37654-NNG FIELD/MKT DEMARCATION-16B (6)						35,500					35,500					

Total Receipt Qty: 35,500 Total Delivery Qty: 35,500 Total Fuel Qty: 0

- Here is the record grouping by **Up K**.
- To view all the grouped records, select each individual plus sign.
- All of the grouped records can be viewed by clicking on the  in the **Group** column heading and selecting **Expand All**. Select **Collapse All** to collapse the records.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Gas Day: 01/16/2020 Svc Req K: 136662 (SP/MP) Svc Req/Name: 123456789 ABC SHIPPER COMPANY
Pool: All (view only) Agent/Name: 987987987 ABC SHIPPER AGENT

Retrieval Add New Copy Submit

Group	Cycle	Reg Date	End Date	Reg Loc	Up ID	Reg Qty	Reg Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Plg ID	Fuel Qty	TT	Receipt Time	Source	Non Trk ID	Crash By
37654-NNG FIELD/MKT DEMARCATION-16B (6)						5,000					35,500								
						10,500													
						20,000													
Total						35,500					35,500								



TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Gas Day: 01/16/2020 Svc Req K: 136662 (SP/MPs) Svc Req/Name: 123456789 ABC SHIPPER COMPANY
Pool: All (view only) Agent/Name: 987987987 ABC SHIPPER AGENT

Retrieve

Add New Copy Submit

Pool Loc Name: Up K

Group: 3765 Pin Column
Autosize This Column
Autosize All Columns
Expand All
Collapse All

Group	End Date	Rec Loc	Up ID	Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Pkg ID	Fuel Qty	TT	Receipt Time	Source	Item Trk ID	Create By
				5,000					35,500								
				10,500													
				20,000													
Total				35,500					35,500								

- Now all the grouped records can be viewed.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Gas Day: 01/16/2020 Svc Req K: 136662 (SP/MPs) Svc Req/Name: 123456789 ABC SHIPPER COMPANY
Pool: All (view only) Agent/Name: 987987987 ABC SHIPPER AGENT

Retrieve

Add New Copy Submit

Pool Loc Name: Up K

Group	Cycle	Beg Date	End Date	Rec Loc	Up ID	Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Pkg ID	Fuel Qty	TT	Receipt Time	Source
37654-NGG FIELD/UNIT DEMARCATION -168 (6)																	
(3)																	
	Timely	01/16/2020	01/31/2020					37654	123456789	136666	20,000	2	516478		08	01/15/2020 9:10 A.	Online
	Timely	01/16/2020	01/31/2020					37654	123456789	136667	5,000	1	54333		08	01/15/2020 9:10 A.	Online
	Timely	01/16/2020	01/31/2020					37654	123456789	136668	10,500	500	789		08	01/15/2020 9:09 A.	Online
Total											35,500						
136664 (1)																	
Total 136664	Timely	01/16/2020	01/31/2020	37654	123456789	5,000	500						123		08	01/15/2020 9:05 A.	Online
136666 (1)																	
Total 136666	Timely	01/16/2020	01/31/2020	37654	123456789	10,500	1								08	01/15/2020 9:08 A.	Online
136667 (1)																	
Total 136667	Timely	01/16/2020	01/31/2020	37654	123456789	20,000	2						678		08	01/15/2020 9:07 A.	Online
Total 37654-NGG FIELD/UNIT DEMARCATION -168						35,500					35,500						

Gas Day: 01/16/2020 Total Receipt Qty: 35,500 Total Delivery Qty: 35,500 Total Fuel Qty: 0

- Every column in the grid can be sorted by clicking in the column heading. The **Nomination Maintenance** screen has a default sort. For transportation and storage contracts, the default sort is the **Rec Loc** column first (1) and the **Beg Date** column second (2). For pooling contracts, the default sort is the **Pool** column first (1), the **Rec Loc** column second (2) and the **Beg Date** third (3).

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Gas Day: 01/16/2020 Svc Req K: 136662 (SP/MPs) Svc Req/Name: 123456789 ABC SHIPPER COMPANY
Pool: All (view only) Agent/Name: 987987987 ABC SHIPPER AGENT

Retrieve

Add New Copy Submit

Pool Loc Name: Up K

Pool	Cycle	Beg Date	End Date	Rec Loc	Up ID	Up K	Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Pkg ID	Fuel Qty	TT	Receipt Time	Source	Item Trk ID
37654-N.	Timely	01/16/2020	01/31/2020						37654	123456789	136666	20,000	2	516478		08	01/15/2020 9:10 A.	Online	
37654-N.	Timely	01/16/2020	01/31/2020						37654	123456789	136667	5,000	1	54333		08	01/15/2020 9:10 A.	Online	
37654-N.	Timely	01/16/2020	01/31/2020						37654	123456789	136668	10,500	500	789		08	01/15/2020 9:09 A.	Online	





- To sort on multiple columns, hold the **Ctrl** button down on the keyboard and proceed to click in each column heading to include in the sort.
- A number will appear in each column heading to indicate the order of your multi-column sort. For example, if you wanted to add the **Cycle** column as the fourth (**4**) sort and the **Up K** as the fifth (**5**) sort, hold the **Ctrl** button down and click in the **Cycle** column and then click in the **Up K** column.

- Select the **SBS** button to see the storage contract and the associated transportation contract. If a user does not have SBS, this button will not appear.

Rank	Stor K	Loc	Assoc Trgt K
1	136663(SP/MP)	0	136664(SP/MP)

- If the **Ellipsis** button, (three dots to the right of **Retrieve**), is selected, the user will be able to select:
 - Open New** to open nomination maintenance.
 - Open NomQ** to open nominated quantities by cycle screen.
 - Open NomR** to open the nomination reconciliation screen.
 - Open SchQ** to open scheduled quantities screen.



- If the width of a column is changed or a column is moved to another location, the user can select the **Reset** button  to put the columns back to their original state. The **Reset** button will appear on each screen.
- If the **Export** button  is selected, the data on the screen will be exported as a CSV or Excel file. The **Export** button will appear on each screen.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Gas Day: 01/16/2020 Svc Req K: 136662 (SP/MP) Svc Req/Name: 123456789 ABC SHIPPER COMPANY
Pool: NNG FIELD/MKT DEMARCATION -16B (37654) Agent/Name: 987987987 ABC SHIPPER AGENT

Retrieve Open New Open NomQ Open NomIR Open SchQ

Add New

Cycle	Reg Date	End Date	Rec Loc	Up ID	Up K	Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Pkg ID	Fuel Qty	TT	Receipt Time	Source	Item Trk ID	Create By
Timely	01/16/2020	01/31/2020						37654	123456789	136666	20,000	2	516478		08	01/15/2020 9:10 A.	Online		CSRUser
Timely	01/16/2020	01/31/2020						37654	123456789	136667	5,000	1	54333		08	01/15/2020 9:10 A.	Online		CSRUser
Timely	01/16/2020	01/31/2020						37654	123456789	136666	10,500	500	789		08	01/15/2020 9:09 A.	Online		CSRUser
Timely	01/16/2020	01/31/2020	37654	123456789	136664	5,000	300						123		08	01/15/2020 9:05 A.	Online		CSRUser
Timely	01/16/2020	01/31/2020	37654	123456789	136666	10,500	1								08	01/15/2020 9:06 A.	Online		CSRUser
Timely	01/16/2020	01/31/2020	37654	123456789	136667	20,000	2						678		08	01/15/2020 9:07 A.	Online		CSRUser

35,500 35,500

Gas Day: 01/16/2020 Total Receipt Qty: 35,500 Total Delivery Qty: 35,500 Total Fuel Qty: 0

- To copy a nomination select **Copy**.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Gas Day: 01/16/2020 Svc Req K: 136664 (IT/TT) Svc Req/Name: 123456789 ABC SHIPPER COMPANY
Agent/Name: 987987987 ABC SHIPPER AGENT

Retrieve Add New Copy Submit

Cycle	Reg Date	End Date	Rec Loc	Up ID	Up K	Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Pkg ID	Fuel Qty	TT	Proc Right	Receipt Time	Source	Item Trk ID
Timely	01/16/2020	01/31/2020	1318	111111111	111111111	5,000	1	192	123123123	RP0010	4,949	1	123	51	01	No	01/15/2020 7:50 A.	Online	
Timely	01/16/2020	01/31/2020	1318	111111111	111111111	10,000	1	3077	123123123	136666	9,998	1	456	102	01	No	01/15/2020 8:52 A.	Online	
Timely	01/16/2020	01/31/2020	37654	123456789	136666	1,000	1	3124	123123123	ABC	990	1	298	10	01	No	01/15/2020 9:34 A.	Online	

16,000 15,837 163

Gas Day: 01/16/2020 Total Receipt Qty: 16,000 Total Delivery Qty: 15,837 Total Fuel Qty: 163



- Enter the desired gas day to copy in the **From Gas Day** field and select **Retrieve**.

Nomination Copy

From Gas Day: 01/16/2020 Svc Req K: 136664 (IT/TT) Svc Req/Name: 123456789 ABC SHIPPER COMPANY Retrieve

- Enter the **Beg Date** and **End Date** to copy and select **Add**.

Nomination Copy

From Gas Day: 01/16/2020 Svc Req K: 136664 (IT/TT) Svc Req/Name: 123456789 ABC SHIPPER COMPANY Retrieve

Beg Date: 02/01/2020 End Date: 02/29/2020 Add

Rec Loc	Up ID	Up K	Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Pkg ID	Fuel Qty	TT	Proc Right	Receipt Time	Source	Nom Trk ID	Created By
1318	111111111	111111111	5,000	1	192	123123123	80010	4,949	1	123	81	01	No	01/16/2020 7:50 A.	Online		CSUser
1318	111111111	111111111	10,000	1	5077	123123123	136666	9,898	1	456	102	01	No	01/16/2020 8:52 A.	Online		CSUser
37664	123456789	136666	1,000	1	3124	123123123	ABC	990	1	258	10	01	No	01/16/2020 9:34 A.	Online		CSUser

- The copied nomination (e.g., February 1 – 29, 2020) will appear. User can now make changes to the records and then select **Submit** to save the changes.
- Note: The **blue** records are considered new records until user selects **Submit**. The records change to **black** after they have been saved.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage Nomination Maintenance

Valid nominations were copied for the specified date range.

Gas Day: 02/01/2020 Svc Req K: 136664 (IT/TT) Svc Req/Name: 123456789 ABC SHIPPER COMPANY Agent/Name: 987987987 ABC SHIPPER AGENT Retrieve

Add New Copy Submit

Cycle	Beg Date	End Date	Rec Loc	Up ID	Up K	Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Pkg ID	Fuel Qty	TT	Proc Right	Receipt Time	Source	Nom Trk ID
Timely	02/01/2020	02/29/2020	1318	111111111	111111111	10,000	1	5077	123123123	136666	9,898	1	456	102	01	No	01/16/2020 2:03 P.	Online	
Timely	02/01/2020	02/29/2020	1318	111111111	111111111	5,000	1	192	123123123	80010	4,949	1	123	81	01	No	01/16/2020 2:03 P.	Online	
Timely	02/01/2020	02/29/2020	37664	123456789	136666	1,000	1	3124	123123123	ABC	990	1	258	10	01	No	01/16/2020 2:03 P.	Online	

16,000 15,837 163

Gas Day: 02/01/2020 Total Receipt Qty: 16,000 Total Delivery Qty: 15,837 Total Fuel Qty: 163



Nomination Copy

- This screen allows a user to copy a contract's nominations from a specified date to a specified date range. The process will only copy paths with valid upstream and downstream contract numbers for the dates selected.
- To copy a nomination, select **Nominations** and then **Nomination Copy**.
- User will have the option to select one individual record or multiple records to copy.
- Enter the gas day to copy from the **From Gas Day** field and enter the **Svc Req K**. Select **Retrieve**.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

From Gas Day: 01/15/2020 Svc Req K: 136664 (IT/TT) Svc Req/Name: 123456789 ABC SHIPPER COMPANY Agent/Name: 987987987 ABC SHIPPER AGENT

Retrieve

- Enter the **Beg Date** and **End Date** you want to copy to and select **Add**.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

From Gas Day: 01/15/2020 Svc Req K: 136664 (IT/TT) Svc Req/Name: 123456789 ABC SHIPPER COMPANY Agent/Name: 987987987 ABC SHIPPER AGENT

Retrieve

Beg Date: 02/01/2020 End Date: 02/29/2020

Add

Rec Loc	Up ID	Up K	Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Plg ID	Fuel Qty	TT	Proc Sight	Receipt Time	Source	Nom Trk ID	Created By	Updated By
1318	111111111	111111111	5,000	1	192	123123123	980010	4,949	1	123	51	01	No	01/15/2020 7:50 AM	Online		CSHUser	CSHUser
1218	111111111	111111111	10,000	1	3077	123123123	136666	9,898	1	456	102	01	No	01/15/2020 8:32 AM	Online		CSHUser	CSHUser
37654	123456789	136666	1,000	1	3104	123123123	ABC	990	1	258	10	01	No	01/15/2020 9:34 AM	Online		CSHUser	CSHUser

- The copied nominations (e.g., February 1 – 29, 2020) will appear. User can now make changes to the records and then select **Submit** to save the changes.
- Note: The **blue** records are considered new records and have not been saved until user selects **Submit**. The saved records will then change to **black**.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Valid nominations were copied for the specified date range.

Gas Day: 02/01/2020 Svc Req K: 136664 (IT/TT) Svc Req/Name: 123456789 ABC SHIPPER COMPANY Agent/Name: 987987987 ABC SHIPPER AGENT

Retrieve

Add New Copy Submit

Drag here to test row groups

Cycle	Beg Date	End Date	Rec Loc	Up ID	Up K	Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Del Qty	Del Rank	Plg ID	Fuel Qty	TT	Proc Sight	Receipt Time	Source	Nom Trk ID
Timely	02/01/2020	02/29/2020	1318	111111111	111111111	10,000	1	3077	123123123	136666	9,898	1	456	102	01	No	01/14/2020 7:59 A...	Online	
Timely	02/01/2020	02/29/2020	1318	111111111	111111111	5,000	1	192	123123123	980010	4,949	1	123	51	01	No	01/14/2020 7:59 A...	Online	
Timely	02/01/2020	02/29/2020	37654	123456789	136666	1,000	1	3104	123123123	ABC	990	1	258	10	01	No	01/14/2020 7:59 A...	Online	

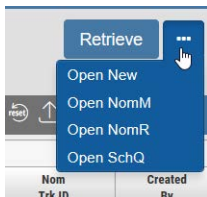


Nomination Quantities by Cycle

- This report provides nomination data for one or more contracts by gas day and cycle with the ability to export as a PDF file.

- A user can access the **Nomination Maintenance** screen in order to add, change or delete a nomination.

- Select the  to view options.



- 1. Select **Open New** to open a separate tab.
- 2. Select **Open NomM** to open nomination maintenance for the selected contract.
- 3. Select **Open NomR** to view the nomination reconciliation screen.
- 4. Select **Open SchQ** to view the scheduled quantity screen.

Nomination Reconciliation

- This screen allows the user to view and filter nomination mismatches, scheduling mismatches and confirmation mismatches.
- To view the Nomination Reconciliation screen select **Nominations** and then **Nomination Reconciliation**.



TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main

Nomination

Confirmation

Scheduled Quantity

Storage

Nomination Reconciliation

Gas Day:04/01/2020

Cycle:Intraday 2

View By:Svc Req Prop

14716

Svc Req/Name: 999999999 ABC ENERGY SERVICES

Retrieve

FILTERS

View Type:All Nominations

Loc Type:All Locations

Svc Req K Type:All Contracts

Svc Req/Name:All Entities

Hide Zero Nom Qty Records

Open NomM

Drag here to set new groups

Svc Req K	Rate Sch	Loc	Loc Name	K Fls	Nom Qty	Up/Dn K	Up/Dn ID	Up/Dn K	Nom Diff	Coef Qty	Coef Diff	Sched Qty	Sched Diff	Svc Req	Nom Typ
136973	TI	192	NSPL/NG VENTURA	R	100	555555	666666666					100		999999999	Standard
136973	TI	1318	TBPL/NG BEATRICE	D	99	111111111	111111111					99		999999999	Standard

Final A.M. Nomination List

- The Final 8:00 A.M. process is designed for users to true up actual usage using storage service or to redirect quantities from one delivery location to another. The **Final A.M. Nomination List** screen displays the user's contract changes and enables the user to view and verify nomination changes and check for any INV (invalid) Reason Codes and/or Up, Down or Both codes in the Out of Balance column that need to be corrected.
- To view this screen, select **Nominations** and then **Final A.M. Nomination List**.
- The default sort is **Sum By Svc Req K**.
- If a record has an **RR** code **INV**, it will also have a **Comment** associated with the **INV**. In the **Out of Balance** column, the system will show associated nominations and display in **red UP** (upstream) or **DOWN** (downstream) or **BOTH** (upstream and downstream).
- In the screen print below, the transportation contract No. 136664 has an **RR** code **INV** and the **Comment** is Qty Change at Loc 197. This is an invalid nomination due to a nomination change at an interconnect location. The associated contract is storage contract No. 136663, which displays **UP** in the **Out of Balance** column. This indicates which lines to reference for the invalid nomination when **UP** is displayed.

TMS TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY																									
Main Nomination Confirmation Scheduled Quantity Storage																									
Final A.M. Nomination List																									
Gas Day: 03/02/2020 <input type="checkbox"/> Emulate External User: Retrieve																									
<input checked="" type="checkbox"/> Sum By Svc Req K <input type="checkbox"/> Show Invalid Noms Only <input type="checkbox"/> Show Associated Noms																									
Bus	Rate	Svc Req K	Svc Req	Agent	Svc Type	TT	Loc	Loc Name	Up K	Nom Qty	Sched Qty	Adj. Qty	Del Loc	Del Loc Name	Del Qty	Plg ID	Nom	Sched	Adj.	Del	Net Qty	Out of Balance	Comment	Updated By	
01/27/20	*	136663	136663	ABC SHIPPER A	Q	08	62389	DEMARC DEF	136664	10,000	0	0	300		0		0	0	0	0	0	UP		Veradim	
Total																									
01/27/20	*	136664	136664	ABC SHIPPER A	IT	01	197	NSPL/NG VENTURA	11111111	10,000	0	0	300	234	NSPL/NG VENTURA	11111111	10,000	0	0	0	0	UP	Qty Change at Loc 197	Veradim	
Total																									
01/27/20	*	136665	136665	ABC SHIPPER A	PD	07				0	0	0	62389	DEMARC DEF	136665		1,000	0	0	0	0	DOWN		Veradim	
Total																									
01/27/20	*	136666	136666	ABC SHIPPER A	PT	01	192	NSPL/NG VENTURA	11111111	10,000	0	0	300	300	ZONE ELP CENTE	11111111	0,000	0	0	0	0			Veradim	
01/27/20	*	136666	136666	ABC SHIPPER A	PT	01	192	NSPL/NG VENTURA	11111111	0	0	0	300	300	ZONE ELP NSPL	11111111	0,000	0	0	0	0			Veradim	
Total																									
01/27/20	*	136666	136666	ABC SHIPPER A	PT	01	192	NSPL/NG VENTURA	11111111	10,000	10,000	0	300	300	ZONE ELP NSPL	11111111	0,000	0,000	0	0	0			Veradim	
Total																									
01/27/20	*	136666	136666	ABC SHIPPER A	PT	01	62389	DEMARC DEF	136665	100	0	0	300	99	ODDEN DEF	136665	99	0	0	0	0	BOTH		Veradim	

- In the screen print below, the transportation contract No. 136664 has an **RR** code **INV** and the **Comment** is Qty Change at Loc 234. The receipt point is POI 62389 (Demarc Deferred Delivery) referencing contract No. 136665. The associated contract is storage contract No. 136665 which displays **DOWN** in the **Out of Balance** column.

- In the screen print below, the transportation contract No. 136666 displays **BOTH** in the **Out of Balance** column. This is due to no injection of 100 Dth on storage nomination No. 136665 and no withdrawal of 99 Dth on storage nomination No. 136665. There is no **RR** code **INV** because this is a valid record. The user just needs to nominate on its storage contract.

- To display only records associated with the **INV** records:
 - Highlight the **INV** record
 - Select **Show Associated Noms**
 - The record that displays **UP** is the record that is associated with the **INV** record.

Zone Percentages

- This screen shows the percentage rights a contract has at an allocated group(s) for each zone(s) within the group.
- For users to view the Zone Percentages screen, select **Nominations** and then **Zone Percentages**.



TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage Zone Percentages

Gas Day: 03/31/2020 Cycle: Evening Retrieve

Group	Group Name	Loc Zn	Loc Zn Name	Svc Req K *	Svc Req Name	Svc Req	Zone Pct
487	EARLVILLE EAST ALLOCATION G.	3113	ZONE D-TIPTON	0			100
487	EARLVILLE EAST ALLOCATION G.	3122	ZONE D-WISCONSIN GAS	0			100
487	EARLVILLE EAST ALLOCATION G.	3124	ZONE D-WISCONSIN PBL	0			100
487	EARLVILLE EAST ALLOCATION G.	89643	ZONE D-WISCONSIN ELECTRIC P.	0			100
487	EARLVILLE EAST ALLOCATION G.	60230	ZONE D-MADISON GAS	0			94.3158
488	BELLEVILLE EAST ALLOCATION G.	3122	ZONE D-WISCONSIN GAS	0			18.7464
488	BELLEVILLE EAST ALLOCATION G.	3124	ZONE D-WISCONSIN PBL	0			27.1877
488	BELLEVILLE EAST ALLOCATION G.	89643	ZONE D-WISCONSIN ELECTRIC P.	0			100
488	BELLEVILLE EAST ALLOCATION G.	60230	ZONE D-MADISON GAS	0			82.2464
581	OGDEN NORTH ALLOCATION GR.	3054	ZONE E-E-AMER	136789	JKL ENERGY SERVICES	044444444	80
581	OGDEN NORTH ALLOCATION GR.	3077	ZONE ABC - MIDAMERICAN	136780	ABC ENERGY SERVICES	999999999	0
581	OGDEN NORTH ALLOCATION GR.	60226	ZONE ABC - HYDROSTATE POWER	136789	JKL ENERGY SERVICES	044444444	0
581	OGDEN NORTH ALLOCATION GR.	3026	ZONE EF-CENTERPOINT ENERGY	0			92.7518

Nomination Quantities by Cycle Report

- This report retrieves data for one or more contract(s), or type of contract, for a gas day and cycle.
- To view the Nomination Quantities by Cycle Report select **Nominations, Reports** and then **Nomination Quantities by Cycle**.
- Enter **Gas Day, Cycle, Contract/Type** and select what format (**PDF** or **Excel**) to view the file. Select **Retrieve**.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage Nomination Quantities By Cycle Reports

Gas Day: 01/16/2020 Cycle: Intraday 1 PDF Excel Retrieve

Contract/Type: Svc Req K: 136664 (IT/TT) Svc Req/Name: 123456789 ABC SHIPPER COMPANY (IT)

☐ All Transportation Contracts
☐ All Storage Contracts
☐ All Pooling Contracts

- The data is populated in PDF format.

Nomination Quantities By Cycle
For Transportation Service

TSP/TSP Name: 784158214 NORTHERN NATURAL GAS COMPANY Stmt D/T: 01/16/2020 8:56 am

Gas Day: 01/16/2020 Svc Req K: 136664 (IT/TT)
Cycle: Intraday 1 Svc Req/Name: 123456789 ABC SHIPPER COMPANY Agent/Name: 987987987 ABC SHIPPER AGENT

Nom Chng	Rec Loc	Up ID	Up K	Rec Qty	Rec Rank	Del Loc	Dn ID	Dn K	Del Qty	Del Rank	Pkg ID	Fuel Qty	TT	Receipt Time	Source ID	Nom Trk	Created By	Update By
	1318	111111111	111111111	5,000	1	192	123123123	RF0010	4,949	1	123	51	01	01/15/2020 7:50 am	Online		CSRUser	CSRUser
				Subtotal:					4,949			51						
	1318	111111111	111111111	10,000	1	3077	123123123	136666	9,898	1	456	102	01	01/15/2020 8:52 am	Online		CSRUser	CSRUser
				Subtotal:					9,898			102						
	37654	123456789	136666	1,000	1	3124	123123123	ABC	990	1	258	10	01	01/15/2020 9:34 am	Online		CSRUser	CSRUser
				Subtotal:					990			10						
				Total:					15,837									



Confirmations Menu

Confirmation Maintenance

- This screen allows the user to view, edit, add and delete confirmations.
- To view the Confirmation Maintenance screen, select **Confirmations** and then **Confirmation Maintenance**.
- The Confirmation Maintenance screen opens.
- Select a **Gas Day**
- Select a **Cycle**
- User can view this screen with multiple options:
 - Select **Loc**. Enter a location.
 - Select **Conf Svc ID Prop** (legal entity). Enter an ID Prop.
 - Select **Conf Svc K**. Enter a contract.
- Select **Retrieve**.

- There is an advanced search for all three options.
- Select **Retrieve**.

- The screen populates with the selected criteria.
- Select **Confirm All** to confirm all records.



TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage Confirmation Maintenance

Gas Day: 02/06/2020 Cycle: Timely View By: Loc 1318 Loc Name: TBPL/NG BEATRICE

Conf Req/Name: 784158214 NORTHERN NATURAL GAS COMPANY Conf Pty/Name: 013665749 TRAILBLAZER PIPELINE COMPANY LLC

Conf Filter: All Nom Type Filter: Standard/Makeup

Confirm All Loc Total

Loc	K	Up/Dn ID	Up/Dn Name	Up/Dn K	Svc Req	Svc Req Name	Svc Req K	Svc Type	Nom Qty	Prelim Sched Qty	Qty (Conf)	RR	Sched Qty	End Date	Source	Conf Trk ID	Val Cd	Val Mo
1318	R	111111111	111111111	123456789	ABC SHIPPER COMP.	136664	IT	15,000						02/26/2020				

For Operator Choice methods of Active or Passive, Northern is the Confirmation Requester. For Confirmation by Exception, Northern is the Confirming Party.

- To confirm a record, highlight the record to be confirmed. When the grid entry form opens, select **Submit**.
- To unconfirm a record, highlight the record to be unconfirmed and select **Unconfirm**.
- If user wants to confirm a volume up or down, highlight the record user wants to confirm, change the **Qty (Conf)** and select **Submit**.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage Confirmation Maintenance

Gas Day: 02/06/2020 Cycle: Timely View By: Loc 1318 Loc Name: TBPL/NG BEATRICE

Conf Req/Name: 784158214 NORTHERN NATURAL GAS COMPANY Conf Pty/Name: 013665749 TRAILBLAZER PIPELINE COMPANY LLC

Conf Filter: All Nom Type Filter: Standard/Makeup

Confirm All Loc Total

Loc	K	Up/Dn ID	Up/Dn Name	Up/Dn K	Svc Req	Svc Req Name	Svc Req K	Svc Type	Nom Qty	Prelim Sched Qty	Qty (Conf)	RR	Sched Qty	End Date	Source	Conf Trk ID	Val Cd	Val Mo
1318	R	111111111	111111111	123456789	ABC SHIPPER COMP.	136664	IT	15,000						02/26/2020				

Loc: 1318
Loc Name: TBPL/NG BEATRICE
Conf Svc K: 23067
Oper Choice: Passive
K Flo: R

Up ID: 111111111
Up ID Name:
Up K: 111111111
Svc Req: 123456789
Svc Req Name: ABC SHIPPER COMPANY
Svc Req K: 136664
CSR Name:

Nom Qty: 15,000
Prelim Sched Qty:
Beg Date: 02/06/2020
End Date: 02/06/2020
Qty (Conf): 15000
RR/Name: None

Submit Unconfirm


For Operator Choice methods of Active or Passive, Northern is the Confirmation Requester. For Confirmation by Exception, Northern is the Confirming Party.

- Select **Loc Total** to open the **Location Total** screen.



- To close the screen, select the  in the upper right hand corner.

Location Total



Gas Day: 02/06/2020 Cycle: Timely Loc: 1318

reset print upload

Svc Req K Up/Dn K

Svc Req K ↓	Nom Qty	Prelim Sched Qty	Qty (Conf)	Sched Qty
136664	15,000		15,000	

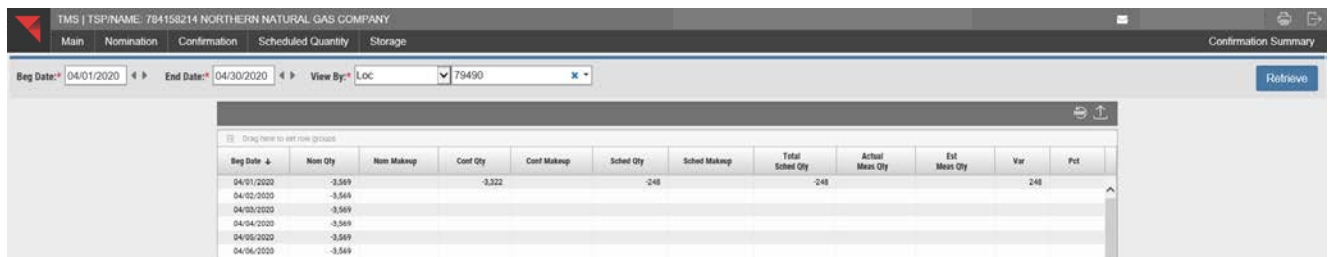
Receipt Total: 15,000 15,000

Delivery Total:

Net Total: 15,000 15,000

Confirmation Summary

- This screen provides user a view of its daily and monthly scheduled quantities, nominations, confirmations and actual measured quantities at its locations for a specified date range.
- To view the Confirmation Summary screen, select **Confirmations** and then **Confirmation Summary**.



TMS | TSP/NAME: 794158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage Confirmation Summary

Beg Date: 04/01/2020 End Date: 04/30/2020 View By: Loc: 79490 Retrieve

Beg Date ↓	Nom Qty	Non Makeup	Conf Qty	Conf Makeup	Sched Qty	Sched Makeup	Total Sched Qty	Actual Meas Qty	Est Meas Qty	Var	Pct
04/01/2020	-3.569		-3.322		-248		-248			248	
04/02/2020	-3.569										
04/03/2020	-3.569										
04/04/2020	-3.569										
04/05/2020	-3.569										
04/06/2020	-3.569										

Location Reconciliation

- This screen allows a user to view, filter and compare nomination quantities to confirmation quantities between the current and previous cycle for a specified gas day.
- To view this screen, select **Confirmations** and then **Location Reconciliation**.



TMS | TSP:NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Welcome: USER SMITH

Main Nomination Confirmation Scheduled Quantity Storage Location Reconciliation

Gas Day: 04/01/2020 Cycle: Timely View: ☒ Norm Qty vs Conf Qty ☐ Norm Qty vs Prev Norm Qty

Retrieve

Hide Makeup Noms

Open ConfM

Loc	Loc Name	K Fld	Svc Reg #	Svc Reg Name	Svc Reg	Up/On K	Up/On ID	Prev Norm Qty	Prev Conf Qty	Norm Qty	Cost Qty	Oper Choice	SS	Conf Date/Time	Updated By
79490	ABC ENERGY SERVICES MARKET POINT	0	136789	JKL ENERGY SERVICES	044444444	136789	888888888			-1.583	-1.336	Passive		03/30/2020 9:22..	T100104

Late Nomination Notification

- This screen allows a user to select the individual cycles for which to receive a notification if a nomination is received at its location(s) between the original nomination cycle deadline and the extended cycle deadline.
- To view the Late Nomination Notification screen, select **Confirmations** and then **Late Nomination Notification**.

TMS | TSP:NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage Late Nomination Notification

An Email notification will be sent to all operator cut notice contacts for the entity for the selected cycle(s) when, in the event of a nomination deadline extension, a nomination is received at the operator's location(s) after the original nomination deadline.

Conf Svc ID Prop: 14712

Conf Svc Name: ABC SHIPPER COMPANY

☐ Timely
☐ Evening
☐ Non-Grid A.M.
☐ Intraday 1
☐ Intraday 2
☐ Intraday 3
☐ Final A.M.

Submit Clear



Scheduled Quantity Menu

Scheduled Quantities

- This screen allows the user to view nominated and scheduled quantities by cycle for a specified gas day.
- To view the Scheduled Quantities screen select **Scheduled Quantity** and then **Scheduled Quantities**.
- To detect a record that is getting cut, highlight the record with an **RR** code. Select the **RR Detail** button. If a record without an **RR** code is selected, the **RR Detail** button is inactive.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation **Scheduled Quantity** Storage Preliminary Scheduled Quantities

Gas Day: 01/17/2020 Sec Req K: 136654 (IT/TT) Sec Req/Name: 123456789 ABC SHIPPER COMPANY
 Cycle: Timely Agent/Name: 987987987 ABC SHIPPER AGENT

NOTE: Preliminary Scheduled Quantities may be affected by each cycle process (i.e. balancing, allocations, and confirmations processes). Scheduled Quantities will be displayed when the cycle is complete.

☒ Hide Zero Qty Records

Rec Loc	Up ID	Up K	Nom Rec Qty	Prelim Sched Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Nom Del Qty	Prelim Sched Del Qty	Del Rank	Pkg ID	RR	Nom Fuel Qty	Prelim Sched Fuel Qty	TT	Proc Right	Receipt Time	Stat
1318	111111111	111111111	5,418	1	192	123123123	870210		3,383	1	123	CCR		35	01	No	01/15/2020 12:00...	Online	
1318	111111111	111111111	6,855	1	3077	123123123	136666		6,765	1	456	CCR		70	01	No	01/15/2020 12:00...	Online	

TT/Desc: 01 - Cur Bus

Rec Loc: 1318 Del Loc: 3077
 Rec Loc Name: TBPL/NNG BEATRICE Del Loc Name: ZONE ABC - MIDAMERICAN
 Up K: 111111111 Dn K: 136666
 Up ID: 111111111 Dn ID: 123123123
 Up Name: Dn Name:
 Prelim Sched Rec Qty: Rec Rank: 1 Prelim Sched Del Qty: 6,765 Del Rank: 1

RR Detail: RATE: 1 RR DETAIL

Pkg ID: 456
 Nom Trk ID:
 Proc Right: No
 RR/Name: CCR - Pipeline Capacity Constraint at Receipt Loc...
 Prelim Sched Fuel Qty: 70

37654	123456789	136666		1	3124	123123123	ABC		1	258	PBR		01	No	01/15/2020 12:00...	Online
62399	123456789	136663		9999	37654	123456789	136662		9999	STORBAL	PBD*		01	No	01/16/2020 12:00...	Star B
62399	123456789	136663		9999	37654	123456789	136662		9999	STORBAL	PBD*		01	No	01/16/2020 12:00...	Star B
62399	123456789	136663		9999	37654	123456789	136662		9999	STORBAL	PBD*		01	No	01/16/2020 12:00...	Star B

Total Nom Receipt Qty: 0 Total Nom Delivery Qty: 0 Total Nom Fuel Qty: 0
 Total Prelim Receipt Qty: 10,253 Total Prelim Delivery Qty: 10,148 Total Prelim Fuel Qty: 105

- The **Reduction Reason Detail** screen opens which shows the reason the record was cut.

Reduction Reason Detail

Svc Req/Name: 123456789 ABC SHIPPER COMPANY
 Svc Req K: 136654 (IT/TT) Agent/Name: 987987987 ABC SHIPPER AGENT

Gas Day: 01/17/2020
 Cycle: Timely
 TT/Desc: 01 - Cur Bus

Rec Loc: 1318 Del Loc: 3077
 Rec Loc Name: TBPL/NNG BEATRICE Del Loc Name: ZONE ABC - MIDAMERICAN
 Up K: 111111111 Dn K: 136666
 Up ID: 111111111 Dn ID: 123123123
 Up Name: Dn Name:
 Prelim Sched Rec Qty: 6,835 Rec Rank: 1 Prelim Sched Del Qty: 6,765 Del Rank: 1

Pkg ID: 456
 Nom Trk ID:
 Proc Right: No
 RR/Name: CCR - Pipeline Capacity Constraint at Receipt Loc...
 Prelim Sched Fuel Qty: 70

	Nom Qty	Post Bal Qty	Post Thru Alloc Qty	Post Conf Qty	Sched Qty
Receipt		10,000		6,835	
Delivery		9,898		6,765	
Fuel		102		70	

Svc Req K Lookup:

RR/Cut Origin	Process	Rec Qty Cut	Del Qty Cut
CCR Allocation Cut at POINT 1318 - TBPL/NNG	Thru Alloc...	3,165	5,133
		3,165	5,133

Cut Sequence from Originator



- After **Balancing Completed** during a process, the user can view Preliminary Scheduled Quantities.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation **Scheduled Quantity** Storage

Gas Day: 01/17/2020 Svc Req K: 136664 (IT/IT) Svc Req/Name: 123456789 ABC SHIPPER COMPANY
 Cycle: Timely Agent/Name: 987987987 ABC SHIPPER AGENT

Retrieve

NOTE: Preliminary Scheduled Quantities may be affected by each cycle process (i.e. balancing, allocations, and confirmations processes). Scheduled Quantities will be displayed when the cycle is complete.

Hide Zero Qty Records

Rec Loc	Up ID	Up K	Non Rec Qty	Prelim Sched Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Non Del Qty	Prelim Sched Del Qty	Del Rank	Pkg ID	RR	Non Fuel Qty	Prelim Sched Fuel Qty	TT	Proc Right	Receipt Time	Source
1318	111111111	111111111		5,418	1	192	123123123	RF0010		2,363	1	123	CCR		3.8	01	No	01/15/2020 12:00	Online
1318	111111111	111111111		6,836	1	3077	123123123	136666		6,765	1	456	CCR		75	01	No	01/15/2020 12:00	Online
37654	123456789	136666			1	3124	123123123	ARC			1	258	PBR			01	No	01/15/2020 12:00	Online
62389	123456789	136663			9999	37654	123456789	136662			9999	STORBAL	PBD*			01	No	01/16/2020 12:00	Stor B
62389	123456789	136663			9999	37654	123456789	136662			9999	STORBAL	PBD*			01	No	01/16/2020 12:00	Stor B
62389	123456789	136663			9999	37654	123456789	136662			9999	STORBAL	PBD*			01	No	01/16/2020 12:00	Stor B

10,253 10,148 105

Total Nom Receipt Qty: 0 Total Nom Delivery Qty: 0 Total Nom Fuel Qty: 0
 Total Prelim Receipt Qty: 10,253 Total Prelim Delivery Qty: 10,148 Total Prelim Fuel Qty: 105

- When the Cycle Process Status screen shows **Cycle Completed**, the user can view Scheduled Quantities.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation **Scheduled Quantity** Storage

Gas Day: 01/17/2020 Svc Req K: 136664 (IT/IT) Svc Req/Name: 123456789 ABC SHIPPER COMPANY
 Cycle: Timely Agent/Name: 987987987 ABC SHIPPER AGENT

Retrieve

Hide Zero Qty Records

Rec Loc	Up ID	Up K	Non Rec Qty	(Sched) Rec Qty	Rec Rank	Del Loc	Del ID	Del K	Non Del Qty	(Sched) Del Qty	Del Rank	Pkg ID	RR	Non Fuel Qty	(Sched) Fuel Qty	TT	Proc Right	Receipt Time	Source
1318	111111111	111111111			1	192	123123123	RF0010			1	123	PBR*			01	No	01/15/2020 12:00	Online
1318	111111111	111111111			1	3077	123123123	136666			1	456	PBR*			01	No	01/15/2020 12:00	Online
37654	123456789	136666			1	3124	123123123	ARC			1	258	PBR			01	No	01/15/2020 12:00	Online
62389	123456789	136663			9999	37654	123456789	136662			9999	STORBAL	PBD*			01	No	01/16/2020 12:00	Stor Bal
62389	123456789	136663			9999	37654	123456789	136662			9999	STORBAL	PBD*			01	No	01/16/2020 12:00	Stor Bal
62389	123456789	136663			9999	37654	123456789	136662			9999	STORBAL	PBD*			01	No	01/16/2020 12:00	Stor Bal

Total Nom Receipt Qty: 0 Total Nom Delivery Qty: 0 Total Nom Fuel Qty: 0
 Total Sched Receipt Qty: 0 Total Sched Delivery Qty: 0 Total Sched Fuel Qty: 0

Print 0/1: 01/16/2020 1:17 PM



Scheduled Quantities Month to Date

- This screen allows the user to view nominated and scheduled quantities for a contract for a specified date range.
- To view this screen, select **Scheduled Quantity** and then **Scheduled Quantities Month to Date**.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY | Welcome: USER SMITH

Main Nomination Confirmation **Scheduled Quantity** Storage

Scheduled Quantities Month To Date

Gas Day: 04/30/2020 | Svc Req K: 136774 (ID/IDD) | Svc Req/Name: 999999999 ABC ENERGY SERVICES | Retrive

Agent/Name: 888888888 XYZ MARKETING LLC

☒ Hide: Zero Qty Records

Cycle	Gas Day	Rec Loc	Up ID	Up K	Nom Rec Qty	(Sched) Rec Qty	Res Rank	Del Loc	De ID	De K	Nom Del Qty	(Sched) Del Qty	Del Rank	Pkg ID	BS	Nom Fuel Qty	(Sched) Fuel Qty
Timely	04/01/2020	62389	999999999	136773	2,000,000	200,000	1								PSR		06
Timely	04/01/2020	62389	999999999	136780	1,000,000	190,000	500								SCC*		06

3,000,000 390,000 0 0 0 0

Begin Date: 04/01/2020 | Total Nom Receipt Qty: 3,000,000 | Total Nom Delivery Qty: 0 | Total Nom Fuel Qty: 0

End Date: 04/30/2020 | Total Sched Receipt Qty: 390,000 | Total Sched Delivery Qty: 0 | Total Sched Fuel Qty: 0

Scheduled Quantities By Service Requester

- This screen allows a user to view nominated and scheduled quantities for a specified date range by **Svc Req K**, as **Svc Req Prop** or as **Agent Prop**.
- To view this screen select **Scheduled Quantity**, **Scheduled Quantities By** and then **Service Requester**.



TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Welcome: USER SMITH

Scheduled Quantities By Service Requester

Main Nomination Confirmation **Scheduled Quantity** Storage

Begin Date: 04/01/2020 End Date: 04/30/2020 View By: as Svc Req Prop 14715 Svc Req/Name: 044444444 JKL ENERGY SERVICES [Retrieve](#)

FILTERS: ☐ Loc ☐ Up ID ☐ Dn ID ☐ Up K ☐ Dn K

Begin Date	Nom Rec Qty	Sched Rec Qty	Nom Del Qty	Sched Del Qty
04/04/2020	2,600	0	2,571	0
04/05/2020	2,600	0	2,571	0
04/06/2020	2,600	0	2,571	0
04/07/2020	2,600	0	2,571	0
04/08/2020	2,600	0	2,571	0
04/09/2020	2,600	0	2,571	0
04/10/2020	2,600	0	2,571	0
04/11/2020	2,600	0	2,571	0
04/12/2020	2,600	0	2,571	0
04/13/2020	2,600	0	2,571	0
04/14/2020	2,600	0	2,571	0
04/15/2020	2,600	0	2,571	0
04/16/2020	2,600	0	2,571	0
04/17/2020	2,600	0	2,571	0
04/18/2020	2,600	0	2,571	0
04/19/2020	2,600	0	2,571	0
04/20/2020	2,600	0	2,571	0
04/21/2020	2,600	0	2,571	0
04/22/2020	2,600	0	2,571	0
04/23/2020	2,600	0	2,571	0
04/24/2020	2,600	0	2,571	0
04/25/2020	2,600	0	2,571	0
04/26/2020	2,600	0	2,571	0
04/27/2020	2,600	0	2,571	0
04/28/2020	2,600	0	2,571	0
04/29/2020	2,600	0	2,571	0
04/30/2020	2,600	0	2,571	0
TOTAL	78,000	250	77,190	248

Scheduled Quantities By Operator

- This screen allows a user to view nominated and scheduled quantities for a specified date range by **Loc**, as **Conf Req Prop** or as **Agent Prop**.
- To view this screen, select **Scheduled Quantity**, **Scheduled Quantities By** and then **Operator**.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Welcome: USER SMITH

Scheduled Quantities By Service Requester

Main Nomination Confirmation **Scheduled Quantity** Storage

Begin Date: 04/01/2020 End Date: 04/30/2020 View By: as Svc Req Prop 14715 Svc Req/Name: 044444444 JKL ENERGY SERVICES [Retrieve](#)

FILTERS: ☐ Loc ☐ Up ID ☐ Dn ID ☐ Up K ☐ Dn K

Begin Date	Nom Rec Qty	Sched Rec Qty	Nom Del Qty	Sched Del Qty
04/04/2020	2,600	0	2,571	0
04/05/2020	2,600	0	2,571	0
04/06/2020	2,600	0	2,571	0
04/07/2020	2,600	0	2,571	0
04/08/2020	2,600	0	2,571	0
04/09/2020	2,600	0	2,571	0
04/10/2020	2,600	0	2,571	0
04/11/2020	2,600	0	2,571	0
04/12/2020	2,600	0	2,571	0
04/13/2020	2,600	0	2,571	0
04/14/2020	2,600	0	2,571	0
04/15/2020	2,600	0	2,571	0
04/16/2020	2,600	0	2,571	0
04/17/2020	2,600	0	2,571	0
04/18/2020	2,600	0	2,571	0
04/19/2020	2,600	0	2,571	0
04/20/2020	2,600	0	2,571	0
04/21/2020	2,600	0	2,571	0
04/22/2020	2,600	0	2,571	0
04/23/2020	2,600	0	2,571	0
04/24/2020	2,600	0	2,571	0
04/25/2020	2,600	0	2,571	0
04/26/2020	2,600	0	2,571	0
04/27/2020	2,600	0	2,571	0
04/28/2020	2,600	0	2,571	0
04/29/2020	2,600	0	2,571	0
04/30/2020	2,600	0	2,571	0
TOTAL	78,000	250	77,190	248



Scheduled Quantities Report (for Svc. Req. Operator or Meter Bounce Activity)

- This screen allows a user or operator to view nominated and scheduled quantities for a specified day or date range by **Svc Req K** or **Svc Req Prop**.
- User will need to select what format (**PDF or Excel**) to view the file.
- To view this screen, select **Scheduled Quantity, Reports** and then **Scheduled Quantities**.

TSP:784158214 TSP Name: NORTHERN NATURAL GAS COMPANY

Page: 1

Scheduled Quantities by Nomination & Location Report

Cycle:

Beg Date: 04/01/2020 End Date: 4/1/20

Start D/T 04/01/2020 2:23 am

Svc Req Name: ABC ENERGY SERVICES

Svc Req K: 136973

Svc Req Prop: 14716

Svc Type: Interruptible Throughput

Receipt

Rec Loc Name	Rec Rank	Up K	Up ID Up Name	Nom Qty	Rec Qty	MTD Nom	MTD Sched	Del Loc Name	Del Rank	Dn K	Dn ID Dn Name	Nom Qty	Del Qty	MTD Nom	MTD Sched	RR/ Plg Id	
192	500	555555	666666666	100	0*	100	0	1318	500	111111111	111111111	99	0*	99	0		
NBPL/NNG VENTURA								TBPL/NNG BEATRICE				ROY CLEMENTS					
Subtotal for Receipt Location				100	0	100	0					99	0	99	0		
Total for Contract:				136973	100	0	100	0					99	0	99	0	

Service Requester Scheduled Quantity Report

- This screen allows a user to view nominated and scheduled quantities for a specified day or date range by cycle by **Svc Req K**, **as Svc Req Prop** or **as Agent Prop**.
- User will need to select what format (**PDF or Excel**) to view the file.
- To view this screen, select **Scheduled Quantity, Reports** and then **Service Requester Scheduled Quantities**.

TMS | TSP NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Welcome: USER SMITH

Main Nomination Confirmation **Scheduled Quantity** Storage

Service Requester Scheduled Quantity Reports

Report Name:*

☒ Scheduled Quantities for Svc Req by Day

☐ Scheduled Quantities for Svc Req by Date Range

Gas Day: 04/01/2020 Cycle: Timely

View By: as Svc Req Prop 14715 Svc Req Name: 044444444 JKL ENERGY SERVICES

Group By: Del Loc

☐ PDF ☐ Excel **Retrieve**

- Enter requirements, select report format (PDF or Excel) and **Retrieve**. Report will generate, example below.



TSP: 784158214 TSP Name: Northern Natural Gas Company Shipper Nominations/Scheduled Quantities Report - Daily																						
Beg Date: 04/01/2020 Cycle: Timely					Subtotals By: Delivery Location					Statement Date/Time: 03/31/2021 10:27 am												
Service Requester/Name: 44444444 JKL ENERGY SERVICES					Svc Req K: 136789					Svc Type: Firm Throughput												
Agent/Name: 44444444 JKL ENERGY SERVICES																						
Receipt						Delivery																
Rec Loc	Zone/ Area	Rec Loc Name	Up ID	Up Name	Up K	Nom Rec Qty	Rec Qty	Rec Rank	Del Loc	Zone/ Area	Del Loc Name	Du ID	Du Name	Du K	Nom Del Qty	Del Qty	Del Rank	Cap Type	RR TT	Freight ID	Nom Fuel	Fuel Qty
192	MID 17	NEPLNNG VENTURA	99999999	ABC ENERGY SERVI	99999999	1,000	0	1	78623	MID 17	VENTURA POOL	99999999	ABC ENERGY SERVI	136777	-988	0	500	SS	FPC 01		-12	0
192	MID 17	NEPLNNG VENTURA	99999999	ABC ENERGY SERVI	99999999	0	0	1	78623	MID 17	VENTURA POOL	99999999	ABC ENERGY SERVI	136777	0	0	500	SP	FPC 01		0	0
192	MID 17	NEPLNNG VENTURA	99999999	ABC ENERGY SERVI	99999999	0	0	1	78623	MID 17	VENTURA POOL	99999999	ABC ENERGY SERVI	136777	0	0	500	PP	FPC 01		0	0
Delivery Location Totals:						1,000	0															
192	MID 17	NEPLNNG VENTURA	99999999	ABC ENERGY SERVI	99999999	0	0	1	79490	MID 17	ABC ENERGY SE	88888888	XYZ MARKETING LI	136789	0	0	500	PP	FPC 01		0	0
192	MID 17	NEPLNNG VENTURA	99999999	ABC ENERGY SERVI	99999999	250	250	1	79490	MID 17	ABC ENERGY SE	88888888	XYZ MARKETING LI	136789	-247	-248	500	SS	FPC 01		-3	-2
192	MID 17	NEPLNNG VENTURA	99999999	ABC ENERGY SERVI	99999999	250	0	1	79490	MID 17	ABC ENERGY SE	88888888	XYZ MARKETING LI	136789	-247	0	500	SS	01 2		-3	0
192	MID 17	NEPLNNG VENTURA	99999999	ABC ENERGY SERVI	99999999	0	0	1	79490	MID 17	ABC ENERGY SE	88888888	XYZ MARKETING LI	136789	0	0	500	SP	FPC 01		0	0
37654	MID 16 B	NNG FIELD/MTY DEM	99999999	ABC ENERGY SERVI	136775	500	0	1	79490	MID 17	ABC ENERGY SE	88888888	XYZ MARKETING LI	136789	-495	0	500	PS	FPC 01		-5	0
37654	MID 16 B	NNG FIELD/MTY DEM	99999999	ABC ENERGY SERVI	136775	0	0	1	79490	MID 17	ABC ENERGY SE	88888888	XYZ MARKETING LI	136789	0	0	500	PP	FPC 01		0	0
78623	MID 17	VENTURA POOLING P	99999999	ABC ENERGY SERVI	136777	600	0	1	79490	MID 17	ABC ENERGY SE	88888888	XYZ MARKETING LI	136789	-594	0	1	SS	FPC 01		-6	0
78623	MID 17	VENTURA POOLING P	99999999	ABC ENERGY SERVI	136777	0	0	1	79490	MID 17	ABC ENERGY SE	88888888	XYZ MARKETING LI	136789	0	0	1	SP	FPC 01		0	0
78623	MID 17	VENTURA POOLING P	99999999	ABC ENERGY SERVI	136777	0	0	1	79490	MID 17	ABC ENERGY SE	88888888	XYZ MARKETING LI	136789	0	0	1	PP	FPC 01		0	0
Delivery Location Totals:						1,600	250															
Contract Totals:						2,600	250															

Requesting Adjustments to Scheduled Volumes

In the event a service requester would like to adjust scheduled volumes after a gas day has completed, a written request will need to be submitted to Northern's customer service department for review. The five criteria outlined below must be met before scheduled volumes can be adjusted.

- 1) The change must be made prior to billing.
- 2) The change does not affect the scheduled volume at allocated groups or points.
- 3) All parties impacted have agreed in writing to the change.
- 4) Only a single MPS agreement can be affected for adjustments involving a pooling point.
- 5) The change may affect a transfer of account balances between IDD and PDD consistent with Tariff Sheet No. 145.



Storage Menu

Storage Contract Balance

- This screen displays nomination and scheduling activity for a selected contract.
- To view this screen, select **Storage** and then **Storage Contract Balance**.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY | Welcome: USER SMITH | Storage Contract Balance

Main | Nomination | Confirmation | Scheduled Quantity | Storage

Reg Date: 03/01/2020 | End Date: 03/31/2020 | Retrieve

Svc Req #: 136774 (JDRDD) | Svc Req/Name: 999999999 ABC ENERGY SERVICES

Reg Date	Loc	Nom In Qty	Sched In Qty	Nom W/D Qty	Sched W/D Qty	Bal Adj	Total Bal
03/01/2020			0		0	0	0
03/02/2020			0		0	0	0
03/03/2020			0		0	0	0
03/04/2020	62889	0	0	0	0	0	0
03/05/2020	62889	0	0	0	0	0	0
03/06/2020	62889	0	21,727	0	0	0	21,727
03/07/2020	62889	0	0	0	0	0	21,727
03/08/2020	62889	0	0	0	0	0	21,727
03/09/2020	62889	0	0	0	0	0	21,727
03/10/2020	62889	0	0	0	0	0	21,727
03/11/2020	62889	0	0	0	0	0	21,727
03/12/2020	62889	0	0	0	0	0	21,727
03/13/2020	62889	0	0	0	0	0	21,727
03/14/2020	62889	0	0	0	0	0	21,727
03/15/2020	62889	0	0	0	0	0	21,727
03/16/2020	62889	0	0	0	0	0	21,727
03/17/2020	62889	0	0	0	0	0	21,727
03/18/2020	62889	0	0	0	0	0	21,727
03/19/2020	62889	0	0	0	0	0	21,727
03/20/2020	62889	0	0	0	0	0	21,727
03/21/2020	62889	0	0	0	0	0	21,727
03/22/2020	62889	0	0	0	0	0	21,727
03/23/2020	62889	0	0	0	0	0	21,727
03/24/2020	62889	0	0	0	0	0	21,727
		1,000,000	21,727	0	0	0	

Storage Netting Activity

- This screen allows the user to view storage netting transaction detail for a particular entity and group based on user's input criteria.
- To access this screen, select **Storage** and then **Storage Netting Activity**.
- Enter **Gas Day**, **Agent/Svc Req Prop** and **Group Label**. Select **Retrieve**.



TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage Storage Netting Activity

Gas Day: 02/01/2020 Agent/Svc Req Prop: 14712 Svc Req/Name: 123456789 ABC SHIPPER COMPANY

Group Label: MO1IDD Rate Schedule: IDD Loc/Name: 62389 DEMARG DEF. - DELIVERY

Retrieve

Contract Rankings

Rank	Svc Req K	Svc Req Name
1	136663	ABC SHIPPER COMPANY

Activity/Results

Svc Req K	K File	Non Qty	Sched Qty	Up/Dn K	TT	Play ID
136663	O	250		136664	07	
136663	R	1,000		136664	06	
136663	R		750	136664	71	STORNET3TEST

Total Nom Receipt Qty: 1,000 Total Nom Delivery Qty: 250
Total Sched Receipt Qty: 750 Total Sched Delivery Qty: 0

Storage Netting Maintenance

- This screen allows users to “net” storage injection and withdrawal activity at a storage location each gas day. A user can add, change or delete records within an existing storage netting group.
- To view this screen, select **Storage** and then **Storage Netting Maintenance**.
- System defaults to **Create New** (create a new record).
- Enter **Agent/Svc Req Prop** (legal entity), **Group Label**, which is the user-defined group name (indicates the contracts that will be netted together), **Rate Schedule** and **Loc**. Select **Continue**.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage Storage Netting Maintenance

Create New Perform Maintenance

Agent/Svc Req Prop: 14712 Svc Req/Name: 123456789 ABC SHIPPER COMPANY

Group Label: 1 Rate Schedule: IDD Loc: 98 Loc Name: OGDEN DEF. DELIVERY

Continue Cancel

- Enter **Svc Req K**, **Netting Beg Date**, **Netting End Date** and **Rank**. Select **Add**.



TMS | TSP:NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Storage Netting Maintenance

Create New Perform Maintenance

Agent/Svc Req Prop: 14712 Svc Req/Name: 123456789 ABC SHIPPER COMPANY

Group Label: 1 Rate Schedule: IDD Loc: 98 Loc Name: OGDEN DEF. DELIVERY

Continue Cancel

Svc Req K: 13663 Svc Req/Name: 123456789 ABC SHIPPER COMPANY

Netting Beg Date: 01/17/2020 Netting End Date: 1/17/2020 Rank: 1

Add Clear

Drag and drop to reorder

Rank	Svc Req K	Svc Req Name	Netting Beg Date	Netting End Date	Create Date/Time	Created By	Update Date/Time	Updated By
No records to display.								

Add New Submit

- The new record is created. To save the record, select **Submit**.

TMS | TSP:NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Storage Netting Maintenance

Create New Perform Maintenance

Agent/Svc Req Prop: 14712 Svc Req/Name: 123456789 ABC SHIPPER COMPANY

Group Label: 1 Rate Schedule: IDD Loc: 98 Loc Name: OGDEN DEF. DELIVERY

Continue Cancel

Drag and drop to reorder

Rank	Svc Req K	Svc Req Name	Netting Beg Date	Netting End Date	Create Date/Time	Created By	Update Date/Time	Updated By
1	13663	ABC SHIPPER COMP.	01/17/2020	01/17/2020				

Add New Submit

Group Label applies to the storage contracts that a user wants to be netted or grouped together. The requirements for each group include only one storage location (e.g. 98) and only one service type per group (e.g. FDD). The same group number cannot be used if a contract is FDD and another contract is IDD. An example is provided below to show two different service types that require different group labels.

- Group 1** nets two IDD storage contracts at Ogden Deferred Delivery
- Group 2** nets two FDD storage contracts at Ogden Deferred Delivery
- To change a record select **Perform Maintenance**.
- Enter **Agent/Svc Req Prop** (legal entity) and select a **Group Label** from the drop down box.
- Select **Retrieve**.

TMS | TSP:NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Storage Netting Maintenance

Create New Perform Maintenance

Agent/Svc Req Prop: 14712 Svc Req/Name: 123456789 ABC SHIPPER COMPANY

Group Label: 1 Rate Schedule: IDD Loc: 98 OGDEN DEF. DELIVERY

Retrieve



- The current record appears.

- To delete a record, highlight the record and the grid entry form appears which allows a user to **Add**, **Change** or **Delete**.

Storage Information

- This screen allows the user to see all its storage balances by contract for a specified date range.
- To view this screen, select **Storage** and then **Storage Information**.

Contract Storage Balance by Day Report

- This report displays nomination and scheduling activity for a storage contract by gas day or month-to-date totals.
- To view this screen, select **Storage**, **Reports** and then **Contract Storage Balance By Day**.
- Select the format (i.e., **PDF** or **Excel**) to view the data.



TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Contract Storage Balance By Day Report

Beg Date: 04/01/2020 End Date: 04/01/2020 Svc Req K: 136774 (ID/DD) Svc Req/Name: 999999999 ABC ENERGY SERVICES

PDF Excel Retrieve

- Example of a PDF report generated.

TSP: 784158214 TSP Name: Northern Natural Gas Company
Storage Inventory Management System
Contract Balance by Shipper/Contract Report

Start Date: 03/31/2020 2:46 pm
Page: 1 of 1

Contract Number: 136774 Service Type: ID Contract Sub Type: Shipper Name: ABC ENERGY SERVICES

Max Monthly Injection: 0 Min Monthly Injection: 0 Max Monthly Withdrawal: 0 Min Monthly Withdrawal: 0

Loc: 62389
Loc Name: DEMARC DEF. DELIVERY

Beg Date	Nominated Injection (dth)	Scheduled Injection (dth)	Nominated Withdrawal (dth)	Scheduled Withdrawal (dth)	Balance Adjustment	Total Balance (dth)	Firm Balance (dth)	Interruptible Balance (dth)	Max Daily Injection (dth)	Min Daily Injection (dth)	Max Daily Withdrawal	Min Daily Withdrawal
4/1/20	3,000,000	390,000	0	0	0	411,727	40,954	370,773	0	0	0	0
Loc Total:	3,000,000	390,000	0	0								
Ctrc Total:	3,000,000	390,000	0	0	0							

***** END OF REPORT *****

Imbalance To Storage Monthly Control Report

- This report displays data for an imbalance month by legal entity.
- To view this screen, select **Storage, Reports** and then **Imbalance To Storage Monthly Control**.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Imbalance To Storage Monthly Control Report

Prod Mo: December 2019 View By: All Entities Svc Req Prop

PDF Excel Retrieve

Storage Balances By Day Report

- This report displays nomination and scheduling activity for a particular service type (i.e. **FD, ID**) for a gas day or date range.
- To view this screen, select **Storage, Reports** and then **Storage Balances By Day**.
- Select the format (i.e., **PDF** or **Excel**) to view the data.

TMS | TSP/NAME: 784158214 NORTHERN NATURAL GAS COMPANY

Main Nomination Confirmation Scheduled Quantity Storage

Storage Balances By Day Report

Beg Date: 01/01/2020 End Date: 01/31/2020 Svc Type: Select

Interruptible Deferred Delivery
FD-Preferred Deferred Delivery
FD-Firm Deferred Delivery
SW-Winter Peaking
SD-Drafting

PDF Excel Retrieve