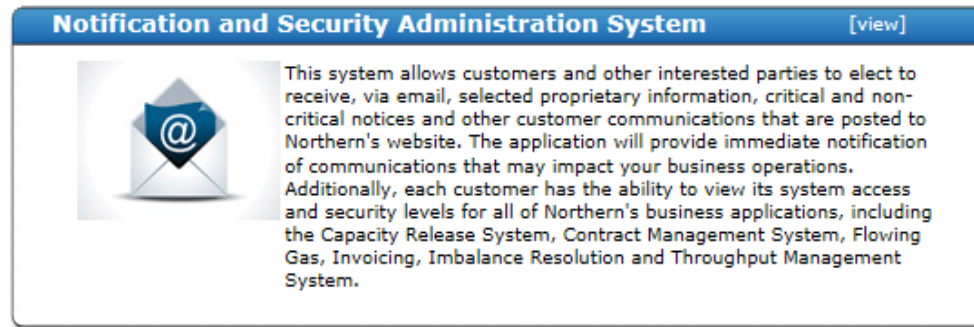




Notification and Security Administration Overview

Notification and Security Administration System

- This system allows customers and other interested parties to elect to receive, via email, selected proprietary information, critical and non-critical notices and other customer communications that are posted to Northern's website. Additionally, each customer has the ability to view its system access and security levels for all of Northern's business applications.



- Ability to view system access and security for Northern's business applications
- Addition of Customer Security Administrator role
 - Approve proprietary notification requests and security access on behalf of employee
- Modification to Northern's customer activities sign up form, including the ability to select which notifications to receive via email
- Ability to elect to receive regulatory communications

Notification Categories

- Proprietary
 - Private information that is associated with a specific legal entity
 - Shipper Scheduled Quantity Cut Notice
 - Operator Scheduled Quantity Cut Notice
 - Imbalance to Storage Notice
 - Bump Notice
 - Capacity Release Recall & Reput Notice
- Non-Proprietary
 - Public information that informs customers of critical and non-critical events that may impact the customers' business
 - Critical Notices
 - Non-Critical Notices
 - Other Customer Communications
 - Northern Daily Highlights
 - Northern Notes
 - Regulatory Communications
 - Certificate Filings
 - Orders on Tariff Filings
 - Tariff Filings

User Types

- **Authorized User**
 - Individual with a Northern issued User ID for proprietary applications
 - Security access to Northern’s business applications
 - Proprietary Notifications
 - Non-Proprietary Notifications
 - Critical
 - Non-Critical
 - Other Customer Communications
- **Public User**
 - Individual without a Northern issued User ID and not linked to a specific legal entity
 - No security access to Northern’s business applications
 - Non-Proprietary Notifications
 - Critical
 - Non-Critical
 - Other Customer Communications
 - Regulatory Communications

Notification Election Section

Non-Proprietary (Public Notices)

Non-Proprietary Notifications

Public Notices not associated to a Legal Entity

▶ Critical Notices

All Critical Notices

▶ Non-Critical Notices [Show Non-Critical Notices Definitions](#)

All Non-Critical Notices

- Allocation Notices
- Business Application Notices
- Capacity Release Notices
- Imbalance Resolution Notices
- Invoicing and Rate Notices
- Miscellaneous Notices
- Operational Notices
- Scheduling Notices
- Storage Notices
- TSP Capacity Offering Notices

▶ Other Customer Communications [Show Other Customer Communications Definitions](#)

All Other Customer Communications

- Northern Daily Highlights
- Northern Notes

▶ Regulatory Communications [Show Regulatory Communications Definitions](#)

All Regulatory Communications

- Certificate Filings
- Orders on Tariff Filings
- Tariff Filings

Proprietary (Non-Public Notices)

Proprietary Notifications

Notices associated to a Legal Entity. User ID is required to receive notices

Customer Company Name --- 123

Customer Security Administrator

Office:

Cell:

Fax:

Proprietary Notices [Show Proprietary Notices Definitions](#)

Throughput Management System (TMS)

- Shipper Scheduled Quantity Cut Notifications
- Operator Scheduled Quantity Cut Notifications
- Imbalance to Storage Notifications
- Bump Notifications

Capacity Release System (CRS)

- Capacity Release Recall / Reput Notifications

Critical Notices

- Non-proprietary notices that inform customers of critical events and/or other information that may impact the customers' business
- If elected, you will receive **ALL** critical notifications, including:
 - Force Majeure
 - Curtailment
 - Carlton Resolution
 - Critical Day
 - System Overrun Limitation (SOL) / System Underrun Limitation (SUL) / Critical Day

Note: Possible for other NAESB notice types to be made critical (e.g. Operational – System Conditions)

Non-Critical Notices

- Non-proprietary notices that inform customers of non-critical events and other basic information
- Approximately 30 different non-critical notice types have been combined to create 10 notice groups
- Option to receive all of the following notice groups or to select individual notice groups
 - Allocation
 - Business Application
 - Capacity Release
 - Imbalance Resolution
 - Invoicing and Rate
 - Miscellaneous
 - Operational
 - Scheduling
 - Storage
 - TSP Capacity Offering

Other Customer Communications

- Non-proprietary information regarding Northern that are not posted under the non-critical notices, but are available on Northern's website
- Option to receive all communications or to select individual communications
 - Northern Daily Highlights (emailed at 5 a.m. each morning)
 - Northern Notes (typically issued quarterly)

Regulatory Communications

- Non-proprietary information regarding regulatory communications with the Federal Energy Regulatory Commission
- Option to receive all communications or to select individual communications
 - Certificate Filings
 - Orders on Tariff Filings
 - Tariff Filings

Allocation Notice – Transport



TSP Name: Northern Natural Gas Company	Post Date/Time: 9/11/2015 11:09:33 AM
TSP: 784158214	Notice Effective Date/Time: 9/12/2015 9:00 AM
Notice Type: Capacity Constraint	Notice End Date/Time: 9/13/2015 8:59 AM
Cycle: Timely	For Gas Day(s): 9/12/2015
Critical: N	
Notice Text: Click the link(s) below to review capacity constraint notices that were posted for the Timely cycle for Gas Day 9/12/2015. Market Area <u>Point(s) Allocated</u> POI 388 GRLKS/NNG CARLTON <u>Group(s) Allocated</u> Group 488 BELLEVILLE EAST ALLOCATION GROUP Group 740 PALMYRA NORTH ALLOCATION GROUP Field Area <u>Point(s) Allocated</u> POI 800 OXY CROSSETT PLANT POI 1709 DCP LINAM RANCH PLANT OUTLET All capacity constraint notices are located on Northern's website at the following address - http://mowwww.northernnaturalgas.com/InfoPostings/Pages/AtaGlanceNotices.aspx	

- Displays allocated points and groups for Market and Field Areas
- Click on allocation notice links for additional detail
- If no points or groups are allocated, the notice will not be emailed
- Subject line of email will say “Transport”

Allocation Notice – Storage



TSP Name: Northern Natural Gas Company	Post Date/Time: 1/12/2017 8:12:22 PM
TSP: 784158214	Notice Effective Date/Time: 1/12/2017 9:00 AM
Notice Type: Capacity Constraint	Notice End Date/Time: 1/13/2017 8:59 AM
Cycle: Intraday 3	For Gas Day(s): 1/12/2017
Critical: N	
Notice Text:	
Click the link(s) below to review capacity constraint notices that were posted for the Intraday 3 cycle for Gas Day 1/12/2017.	
<u>Group(s) Allocated</u> Group 467 SYSTEM AREA STORAGE WITHDRAWALS	
All capacity constraint notices are located on Northern's website at the following address - http://www.northernnaturalgas.com//InfoPostings/Pages/AtaGlanceNotices.aspx	

- Displays allocated storage group(s)
- Click on allocation notice links for additional detail
- If no storage groups are allocated, the notice will not be emailed
- Subject line of email will say “Storage”

Security

- Authorized users can view their security access information
- Customer Security Administrator
 - Company must designate at least one individual for this role
 - Approves proprietary notification elections and security requests
 - Ensures that Northern is providing the proper individuals proprietary information and security access
 - Receives the Notification and Security Elections report which details the notification elections and security access for all individuals within the company
 - Report frequency
 - Annually (default)
 - Semi-annually
 - Quarterly

Security - Business Applications

- **Capacity Release System** – Provides customers the ability to release and/or acquire firm capacity from a third party
- **Contract Management System** – Provides customers access to contract information and the ability to view the status of contract requests
- **Operational Data Interchange (ODI)** – Provides customers the ability to view their intraday volume and pressure data
- **Flowing Gas and Invoicing** – Provides customers multiple invoice reports and supporting documents
- **Imbalance Resolution** – Provides customers the ability to select the method(s) to resolve their monthly transportation imbalance
- **Throughput Management System** – Provides customers the ability to enter and view nominations, operator confirmations, operator and service requester scheduled quantities and access various supporting reports on Northern's system

Notifications and Security Administration

Informational Postings Customer Activities News Safety and Public Awareness **Support** Expansion Projects

Northern Natural Gas
A BERKSHIRE HATHAWAY ENERGY COMPANY

About Us Careers Regulatory Contact Us

You are here: Home | Support

support Support Overview

We hope you find our Support section helpful. If you need immediate assistance, please call the Northern Helpdesk at 1-866-810-5268.

[Agreements / Forms](#)
Application and agreement forms to access request of service(s) on Northern

[Allocation of Capacity Overview](#)
Northern Natural Gas allocates transportation capacity on its pipeline to ensure integrity of the pipeline. The process to allocate the capacity is reviewed in this section along with allocation group maps relating to the market and field area groups

[Application Support](#)
Application support and technical information for access to Northern's business applications

[Change Northern Password](#)
Change your password here

[Contact Us](#)
Contact listing for application support, Customer Service, Marketing and Operations personnel

[Contract Cross Reference \(DUNS Lookup\)](#)
Company DUNS and contract number information (User ID needed to access this information)

[Customer Presentations](#)
Presentations made by Northern of interest to customers

[EDI Services](#)
If your company is interested in becoming an EDI trading partner

[Feedback Form](#)
Northern values your business and is always willing to provide the assistance necessary to ensure you have your questions resolved as quickly as possible. For general comments, inquiries, or suggestions please submit our Feedback Form

[Frequently Asked Questions \(FAQ's\)](#)
Frequently asked questions regarding new or existing services provided by Northern

[Notification and Security Administration](#)
Upon submission, the following forms will provide users the ability to receive email notifications and view security access for Northern's business applications

[User Manuals](#)
Provides user information and manuals for use of Northern's on-line business application

- Access Notification and Security Administration System through Northern's "Support" page

Notifications and Security Administration

Informational Postings Customer Activities News Safety and Public Awareness **Support** Expansion Projects Asset Modernization Cunningham



About Us Careers Regulatory Contact Us

You are here: Home | Support | Notification and Security Administration

support

Notification and Security Admin

Date Requested: Jan 13 2017 9:57 AM

Notification and Security Administration

This system allows customers and other interested parties to elect to receive, via email, selected proprietary information, critical and non-critical notices and other customer communications that are posted to Northern's website. The application will provide immediate notification of communications that may impact your business operations. Additionally, each customer has the ability to view its system access and security levels for all of Northern's business applications, including the Capacity Release System, Contract Management System, Flowing Gas, Invoicing, Imbalance Resolution and Throughput Management System.

Authorized User Profile Request Proprietary and Non-Proprietary Email Notifications and Security Access

Upon request, Northern will provide the following email notifications and security access to any **Authorized user** (an individual who has access to Northern's proprietary applications)

- Bump Notifications - *Proprietary*
- Shipper Scheduled Quantity Cut Notifications - *Proprietary*
- Capacity Release Recall & Reput Notifications - *Proprietary*
- Imbalance to Storage Notifications - *Proprietary*
- Critical Notifications
- Invoice Availability Notification
- Non-Critical Notifications
- Northern Notes Newsletter
- Northern Daily Highlights
- NEW!** ■ Regulatory Notifications (*Orders on Tariff Filings, Tariff Filings and Certificate Filings*)
- View System Access and Security Levels

Notification and Security Administration Overview

- High level overview of the Notification and Security Administration application
(Updated 11/2016)

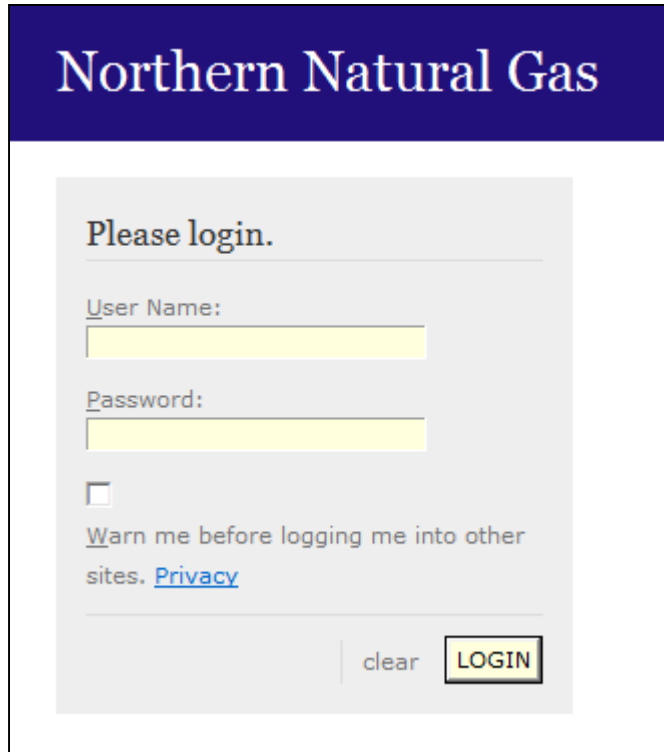
Public User Profile Request Non-Proprietary Email Notifications

Upon request, Northern will provide the following email notifications to any **Public user** (an individual who does not have access to Northern's proprietary applications)

- Critical Notifications
- Non-Critical Notifications
- Northern Notes Newsletter
- Northern Daily Highlights
- Invoice Availability Notification
- NEW!** ■ Regulatory Notifications (*Orders on Tariff Filings, Tariff Filings and Certificate Filings*)

- Authorized user link on Northern's "Support>Notification and Administration" page

Authorized User – Login Screen



Northern Natural Gas

Please login.

User Name:

Password:

Warn me before logging me into other sites. [Privacy](#)

Step 1: Login screen to business applications portal requesting Northern issued User ID and Password



Welcome to the Northern Natural Gas business application portal.

Contract Management System (CMS) [view]
 The Contract Management System allows Shippers to request transportation service online, track their requests from entry to activation and creates the contract documentation. CMS interfaces with CAS, CRS, GAS & TMS for shipper billing and nominations.

Capacity Release System (CRS) [view]
 The Capacity Release System allows Northern shippers to release their firm transportation or storage capacity to other shippers (third party) according to the current North American Energy Standards Board (NAESB) guidelines.

Notification and Security Administration System [view]
 This system allows customers and other interested parties to elect to receive, via email, selected proprietary information, critical and non-critical notices and other customer communications that are posted to Northern's website. The application will provide immediate notification of communications that may impact your business operations. Additionally, each customer has the ability to view its system access and security levels for all of Northern's business applications, including the Capacity Release System, Contract Management System, Flowing Gas, Invoicing, Imbalance Resolution and Throughput Management System.

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Step 2: Notification and Security Administration System link on Northern's business applications portal

Authorized User - Profile

Notice

This form allows an authorized user, an individual with a User ID for Northern's proprietary applications, to request and receive selected proprietary and non-proprietary notices, including critical and non-critical notices and other customer communications that have been posted to Northern's website. Notifications will be sent to the email address designated by the authorized user. Email notification elections may be amended at any time by accessing the Notification and Security Administration System using the individual's assigned User ID. Each authorized user is responsible for ensuring the email information is current. An authorized user has the ability to view its system access and security levels for all of Northern's business applications, including the Capacity Release System, Contract Management System, Flowing Gas, Invoicing, Imbalance Resolution and Throughput Management System.

Northern will not share or sell information provided in this form to third parties.

* Required Field

User Information

* User ID:

* First Name: * Last Name:

Designated Email Addresses (notices will be sent to all designated emails)

* Primary Email:

Secondary Email:

Optional Email:

System Access and Security

Roles

- ▶ Contract Management System
Update and View Access
Electronic Signature
- ▶ Daily Gas Quality Web Report, Operational Data Interchange Access(ODI), Flowing Gas/Invoicing Access
View Access Only
- ▶ Imbalance Resolution
Update and View Access
- ▶ Throughput Management System
Update and View Access as a Nominating Shipper and / or Agent
Update and View Access for Operator Confirmations

Legal Entities

Legal Entities: • MyGasCo -- 1234

To update system access, click here to access the Customer Activities form.

- View of authorized user profile page displaying user information and system access to Northern's business applications for each associated legal entity
- Link to Northern's Customer Activities form to update system access
- Description provided for each business application the user has access to by clicking on the name
- Primary email address is required, but user has the option to enter up to three, in which notifications will go to each

Authorized User - Profile (continued)

Notifications

Non-Proprietary Notifications
Public Notices not associated to a Legal Entity

▶ Critical Notices
 All Critical Notices

▶ Non-Critical Notices
 All Non-Critical Notices [Show Non-Critical Notices Definitions](#)

- Allocation Notices
- Business Application Notices
- Capacity Release Notices
- Imbalance Resolution Notices
- Invoicing and Rate Notices
- Miscellaneous Notices
- Operational Notices
- Scheduling Notices
- Storage Notices
- TSP Capacity Offering Notices

▶ Other Customer Communications
 All Other Customer Communications [Show Other Customer Communications Definitions](#)

- Northern Daily Highlights
- Northern Notes

▶ Regulatory Communications
 All Regulatory Communications [Show Regulatory Communications Definitions](#)

- Certificate Filings
- Orders on Tariff Filings
- Tariff Filings

Proprietary Notifications
Notices associated to a Legal Entity. User ID is required to receive notices

MyGasCo -- 1234

Customer Security Administrator

Office:
Cell:
Fax:

Proprietary Notices [Show Proprietary Notices Definitions](#)

Throughput Management System (TMS)

- Shipper Scheduled Quantity Cut Notifications
- Operator Scheduled Quantity Cut Notifications
- Imbalance to Storage Notifications
- Bump Notifications

Capacity Release System (CRS)

- Capacity Release Recall / Reput Notifications

Comments

- View of authorized user profile page displaying notice elections, both proprietary and non-proprietary information
- Ability to view notice definitions by clicking on associated link

Customer Activities Sign Up Form – Submitter Information

The screenshot shows the 'Customer Activities Sign Up' form for 'Submitter Information'. The form includes the following fields and sections:

- Submitter Information:**
 - First Name
 - Last Name
 - Company Name: A dropdown menu is open, showing a list of companies including ABE SOUTH GAZONIA, LLC, ABE-SMOK BARRI, S.V., ABE-ETHANOL, L.P., ACE POWER MARKETING, LLC, ACHERON-RESCO & STONE, INC., ADAMS RESOURCES MARKETING, LTD., ADP BUSINESS SERVICES, INC., ADP PROCESSING INC A COOPERATIVE GAS RESOURCES, AERIA RESOURCES LLC, AERIALWAY GENETICS, LLC, AERIA ENERGY, LLC, AERIA-WASTE ENERGY, INC., and AERIAWAY, LLC. A 'Company name not shown?' link is visible below the list.
 - NNG Legal Entity Number
 - Street Address
 - City
 - State/Province: A dropdown menu with 'Choose a State/Province' selected.
 - Zip
 - Country: A dropdown menu with 'United States' selected.
 - Phone Number: Includes fields for area code, number, and extension.
 - Fax Number: Includes fields for area code, number, and extension.
 - Call Number: Includes fields for area code, number, and extension.
 - Primary Email Address
 - Secondary Email Address
 - Optional Email Address
 - DUNS Number
 - Tax ID
- Shipper/Operator Information:**
 - Capacity Release System (CRS):** Includes checkboxes for 'Update and View Access' and 'View Access Only', with a 'View Information' link.
 - Contracts Management System (CMS):** Includes checkboxes for 'Update and View Access' and 'View Access Only', with a 'View Information' link.
 - Electronic Signature Authorization:** A radio button is selected. Text below reads: 'To request the "Business Signature Authorization" you will be required to submit the following [Electronic Contracting Agreement Form](#).' A 'View Information' link is present.
 - Flowing Gas and Invoicing Gas Quality Web Report Operational Data Interchange (ODI):** Includes a checkbox for 'View Access Only'.
 - Imbalance Resolution:** Includes a checkbox for 'Update and View Access'.
 - Throughput Management System (TMS) - Nominations and Confirmations:** Includes checkboxes for 'Update and View Access as a Nominating Shipper and / or Agent', 'View Access Only as a Nominating Shipper and / or Agent', 'Update and View Access for Operator Confirmations', and 'View Access Only for Operator Confirmations', with a 'View Information' link.
- Email Notifications:**
 - Non-Proprietary Email Notices:** Includes a 'View Information' link and checkboxes for 'All Critical Notices' and 'All Non-Critical Notices(Selects all boxes below)'. A list of non-critical notices includes Allocation Notices, Business Application Notices, Capacity Release Notices, Imbalance Resolution Notices, Invoicing and Rate Notices, Miscellaneous Notices, Operational Notices, Scheduling Notices, Storage Notices, and TSP Capacity Offering Notices.
 - Proprietary Email Notices:** Includes a 'View Information' link and checkboxes for 'Shipper Scheduled Quantity Cut Notification', 'Operator Scheduled Quantity Cut Notification', 'Imbalance to Storage Notification', 'Bump Notification', and 'Capacity Release System (CRS) Capacity Release Recall / Report Notifications'.
- Other Communications:** Includes a 'View Information' link and checkboxes for 'Northern Daily Highlights' and 'Northern Notes'.
- Additional Information / Comments:** A text area at the bottom of the form.

- View of Customer Activities Sign Up form with submitter information and legal entity selection
 - At least one legal entity is required, but have the option to select multiple legal entities

Customer Activities Sign Up Form – Shipper and Operator Information

The screenshot shows a web form titled "Shipper/Operator Information" with several sections and checkboxes:

- Capacity Release System (CRS)** [View Information](#)
 - Update and View Access
 - View Access Only
- Contracts Management System (CMS)** [View Information](#)
 - Update and View Access
 - View Access Only
- Electronic Signature Authorization**
To request the "Electronic Signature Authorization" you will be required to submit the following [Electronic Contracting Agreement](#) form.
- Flowing Gas and Invoicing** [View Information](#)
 - Gas Quality Web Report**
 - Operational Data Interchange (ODI)**
 - View Access Only
- Imbalance Resolution**
 - Update and View Access
- Throughput Management System (TMS) - Nominations and Confirmations**
 - Update and View Access as a Nominating Shipper and / or Agent [View Information](#)
 - View Access Only as a Nominating Shipper and / or Agent
 - Update and View Access for Operator Confirmations
 - View Access Only for Operator Confirmations

A red arrow points from the "View Information" link for the TMS section to a Mozilla Firefox browser window. The browser window displays the URL www.northernnaturalgas.com/_layouts/FormServer.aspx?XsnLoca and contains the following text:

- The Throughput Management System (TMS) application provides customers the ability to enter and view nominations, enter and view operator confirmations, view operator and service requester scheduled quantities and access various supporting reports on Northern's system.
- Customers have the option to request update and/or view access as a Nominating Shipper and/or Agent as well as update and/or view access for Operator Confirmations to TMS.
- Customers requesting access to TMS will be required to have the Citrix ICA client installed on their workstation. For additional information, please refer to Northern's Application Support page.

A "Close" button is visible at the bottom of the browser window.

- View of the shipper and operator section requesting security access to Northern's business applications
- Click on "View Information" for detailed description of each application

Customer Activities Sign Up Form – Email Notifications

The screenshot displays a web form for selecting email notifications. It is divided into two main columns: 'Non-Proprietary Email Notices' and 'Proprietary Email Notices'. Each column has a 'View Information' link. The 'Non-Proprietary' section includes 'Critical Notices' and 'Non-Critical Notices' with various checkboxes. The 'Proprietary' section includes 'Throughput Management System (TMS)' and 'Capacity Release System (CRS)' with checkboxes. Below these is an 'Other Communications' section with checkboxes for 'Northern Daily Highlights' and 'Northern Notes'. A red box highlights the 'View Information' link for 'Northern Daily Highlights', with a red arrow pointing to a browser window. The browser window shows a preview of the 'Northern Daily Highlights' email, which includes a summary of daily information, pipeline status, and capacity information. Below the preview is a 'Northern Notes' section. At the bottom of the form, there is a disclaimer and a 'Next' button.

Email Notifications

Non-Proprietary Email Notices [View Information](#)

Critical Notices

All Critical Notices

Non-Critical Notices

All Non-Critical Notices(Selects all boxes below)

Allocation Notices

Business Application Notices

Capacity Release Notices

Imbalance Resolution Notices

Invoicing and Rate Notices

Miscellaneous Notices

Operational Notices

Scheduling Notices

Storage Notices

TSP Capacity Offering Notices

Other Communications [View Information](#)

Northern Daily Highlights

Northern Notes

Additional Information / Comments

By submitting this Form, Customer and the employee identified herein verify that they have read the following "Terms and Conditions of Use" and agree that their use of Northern Natural Gas systems shall be subject to such "Terms and Conditions of Use."

[Next](#)

Proprietary Email Notices [View Information](#)

Throughput Management System (TMS)

(Nomination and Scheduling application)

Shipper Scheduled Quantity Cut Notification

Operator Scheduled Quantity Cut Notification

Imbalance to Storage Notification

Bump Notification

Capacity Release System (CRS)

Capacity Release Recall / Reput Notifications

Mozilla Firefox

www.northernnaturalgas.com/_layouts/FormSen

Northern Daily Highlights

The "Northern Daily Highlights" email provides customers with a high level summary of daily information that can be found on Northern's web site. The Daily Highlights includes pipeline status and capacity information for specific groups and points for the upcoming day, commercial and marketing information, as well as additional links to information on Northern's web site.

Northern Notes

Quarterly newsletter contains interesting articles and important information regarding the pipeline and new services provided by Northern.

- View of the Email Notifications section allowing proprietary and non-proprietary notice elections
- Click on “View Information” for detailed description of each notice or notice group

Customer Security Administrator

Home Profile Log Out

User Search

First Name: Last Name:
 User ID: Email:
 Legal Entities:
 Non-Proprietary Notifications:
 Proprietary Notifications:
 Roles:

Showing 3 results

First Name	Last Name	User ID	Legal Entity Name	Legal Entity Number	DUNS	Proprietary Notifications	Non-Proprietary Notifications	TMS Nomination Access	TMS Confirmation Access	Contracts Access	Capacity Release Access	Invoicing Flowing Gas	Imbalance Resolution	Measurement	Group	Select
Matt-test	Bowers	t21448	NORTHERN NATURAL GAS COMPANY	183	784158214	No	Yes	No	No	No	No	No	No	No	No	Select
NORTHERN NATURAL GAS	NORTHERN NATURAL GAS	usernng	NORTHERN NATURAL GAS COMPANY	183	784158214	No	No	View	View	View	View	Yes	No	Yes	No	Select
USER	VERIFY2	testle2	NORTHERN NATURAL GAS COMPANY	183	784158214	Yes	Yes	No	Update	Update	View	No	No	No	No	Select

- View of customer security administrator screen which list each individual user's security access and notification elections associated with each legal entity
- Customer security administrator has the ability to search by different criteria or view individual user profiles by selecting on their name
- Customer security administrator can view their own profile by clicking on the profile link in the top right corner

Customer Security Administrator – Profile

Non-Proprietary Notifications

Public Notices not associated to a Legal Entity

► Critical Notices

All Critical Notices

► Non-Critical Notices

All Non-Critical Notices [Show Non-Critical Notices Definitions](#)

- Allocation Notices
- Business Application Notices
- Capacity Release Notices
- Imbalance Resolution Notices
- Invoicing and Rate Notices
- Miscellaneous Notices
- Operational Notices
- Scheduling Notices
- Storage Notices
- TSP Capacity Offering Notices

► Other Customer Communications

All Other Customer Communications [Show Other Customer Communications Definitions](#)

- Northern Daily Highlights
- Northern Notes

► Regulatory Communications

All Regulatory Communications [Show Regulatory Communications Definitions](#)

- All Holders Letter
- Certificate Filings
- Tariff Filings

Proprietary Notifications

Notices associated to a Legal Entity. User ID is required to receive notices

NORTHERN NATURAL GAS COMPANY — 183 PLE

Customer Security Administrator

Office:

Cell:

Fax:

Proprietary Notices [Show Proprietary Notices Definitions](#)

Throughput Management System (TMS)


- Shipper Scheduled Quantity Cut Notifications
- Operator Scheduled Quantity Cut Notifications
- Imbalance to Storage Notifications
- Bump Notifications

Capacity Release System (CRS)

- Capacity Release Recall / Reput Notifications

Report Frequency:

Annually
Semi-Annually
Quarterly



- View of customer security administrator profile page with notification elections, both proprietary and non-proprietary
- Customer security administrator designation
- Option to receive Notification and Security Election Report
 - Annually (Default)
 - Semi-annually
 - Quarterly

Public User

- Public user login link on Northern's Support page

The screenshot shows the Northern Natural Gas website's support page. At the top, a blue navigation bar contains links for Informational Postings, Customer Activities, News, Safety and Public Awareness, Support (highlighted in yellow), Expansion Projects, Asset Modernization, and Cunningham. Below this is the Northern Natural Gas logo, with the tagline 'A BERKSHIRE HATHAWAY ENERGY COMPANY'. A secondary blue navigation bar includes links for About Us, Careers, Regulatory, and Contact Us. The main content area features a breadcrumb trail: 'You are here: Home | Support | Notification and Security Administration'. A search bar contains the word 'support', and the date 'Date Requested: Jan 13 2017 9:57 AM' is displayed. The page title is 'Notification and Security Administration'. The main text explains that the system allows customers to elect to receive proprietary information and critical/non-critical notices via email. It lists various notification types, including Bump Notifications, Shipper Scheduled Quantity Cut Notifications, Capacity Release Recall & Reput Notifications, Imbalance to Storage Notifications, Critical Notifications, Invoice Availability Notification, Non-Critical Notifications, Northern Notes Newsletter, Northern Daily Highlights, and Regulatory Notifications. A 'NEW!' notice highlights that users can now view system access and security levels. Two sidebars are present: a left sidebar with a yellow highlight on 'Notification and Security Administration' and a right sidebar with a yellow highlight on 'Public User Profile Request Non-Proprietary Email Notifications'. The right sidebar text states that public users can receive critical notifications, non-critical notifications, Northern Notes Newsletter, Northern Daily Highlights, Invoice Availability Notification, and Regulatory Notifications (Orders on Tariff Filings, Tariff Filings and Certificate Filings).

Informational Postings | Customer Activities | News | Safety and Public Awareness | **Support** | Expansion Projects | Asset Modernization | Cunningham

Northern Natural Gas
A BERKSHIRE HATHAWAY ENERGY COMPANY

About Us | Careers | Regulatory | Contact Us

You are here: Home | Support | Notification and Security Administration

support

Date Requested: Jan 13 2017 9:57 AM

Notification and Security Administration

This system allows customers and other interested parties to elect to receive, via email, selected proprietary information, critical and non-critical notices and other customer communications that are posted to Northern's website. The application will provide immediate notification of communications that may impact your business operations. Additionally, each customer has the ability to view its system access and security levels for all of Northern's business applications, including the Capacity Release System, Contract Management System, Flowing Gas, Invoicing, Imbalance Resolution and Throughput Management System.

[Authorized User Profile](#)
[Request Proprietary and Non-Proprietary Email Notifications and Security Access](#)

Upon request, Northern will provide the following email notifications and security access to any **Authorized user** (an individual who has access to Northern's proprietary applications)

- Bump Notifications - *Proprietary*
- Shipper Scheduled Quantity Cut Notifications - *Proprietary*
- Capacity Release Recall & Reput Notifications - *Proprietary*
- Imbalance to Storage Notifications - *Proprietary*
- Critical Notifications
- Invoice Availability Notification
- Non-Critical Notifications
- Northern Notes Newsletter
- Northern Daily Highlights

NEW! ■ Regulatory Notifications (*Orders on Tariff Filings, Tariff Filings and Certificate Filings*)- View System Access and Security Levels

[Notification and Security Administration Overview](#)

- High level overview of the Notification and Security Administration application (*Updated 11/2016*)

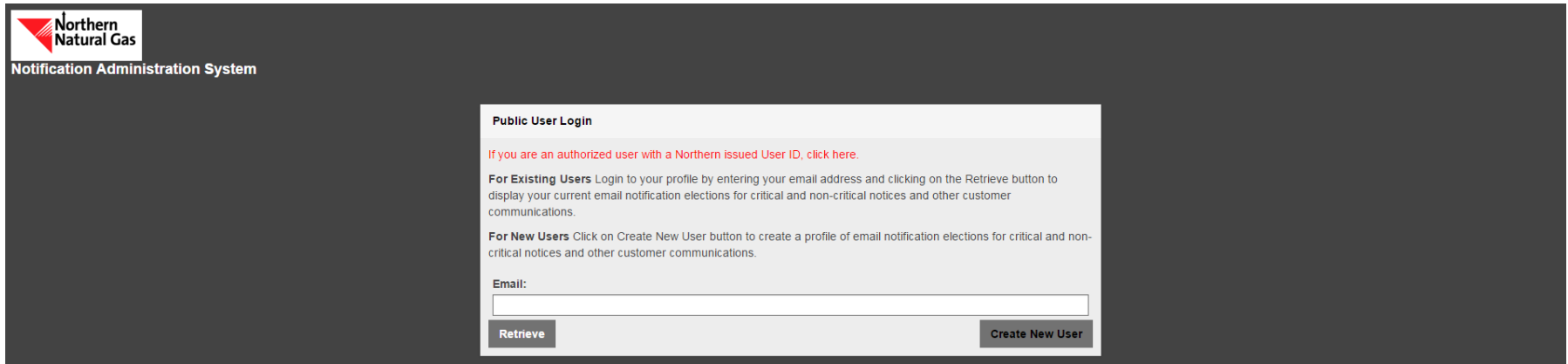
[Public User Profile](#)
[Request Non-Proprietary Email Notifications](#)

Upon request, Northern will provide the following email notifications to any **Public user** (an individual who does not have access to Northern's proprietary applications)

- Critical Notifications
- Non-Critical Notifications
- Northern Notes Newsletter
- Northern Daily Highlights
- Invoice Availability Notification

NEW! ■ Regulatory Notifications (*Orders on Tariff Filings, Tariff Filings and Certificate Filings*)

Public User – Login Screen



The screenshot shows the Northern Natural Gas Notification Administration System Public User Login screen. The page has a dark grey background. In the top left corner, there is the Northern Natural Gas logo and the text "Notification Administration System". The main content area is a white box with the following text:

Public User Login

If you are an authorized user with a Northern issued User ID, [click here](#).

For Existing Users Login to your profile by entering your email address and clicking on the Retrieve button to display your current email notification elections for critical and non-critical notices and other customer communications.

For New Users Click on Create New User button to create a profile of email notification elections for critical and non-critical notices and other customer communications.

Email:

Retrieve Create New User

- Existing public users must enter email address and click Retrieve to access user profile
- New public users must click Create New User to create a profile and make elections
- Authorized users should login from the authorized site and can click on red authorized link

Public User – Profile Page

Notice

This form allows a public user, an individual who does not have a User ID for Northern's proprietary applications, to request and receive selected non-proprietary notices, including critical and non-critical notices and other customer communications that have been posted to Northern's website. Notifications will be sent to the email address designated by the public user. Email notification elections may be amended at any time by accessing the Notification Administration System using the designated email address. Each public user is responsible for ensuring the email information is current.

Northern will not share or sell information provided in this form to third parties.

* Required Field

User Information

* Email Address:

* First Name: * Last Name:

* Company: * Phone Number:

Critical Notices

All Critical Notices

Non-Critical Notices

All Non-Critical Notices [Show Non-Critical Notices Definitions](#)

- Allocation Notices
- Business Application Notices
- Capacity Release Notices
- Imbalance Resolution Notices
- Invoicing and Rate Notices
- Miscellaneous Notices
- Operational Notices
- Scheduling Notices
- Storage Notices
- T SP Capacity Offering Notices

Other Customer Communications

All Other Customer Communications [Show Other Customer Communications Definitions](#)

- Northern Daily Highlights
- Northern Notes

Regulatory Communications

All Regulatory Communications [Show Regulatory Communications Definitions](#)

- All Holders Letter
- Certificate Filings
- Tariff Filings

- View of public user profile page with user information and notice elections
- Hover over notice or notice group for detailed description
- Any changes to user information on this public site will not be saved to other Northern system applications
 - You must record those changes using our Contact Update form under the Support page on Northern's website

Public User – Profile Page (continued)

- “Submission Successful” message displays after submitting any changes
- Changes to elections should display immediately for review
- To exit your profile click the Cancel button in the lower left hand corner

✔ Submission successful

Notice

This form allows a public user, an individual who does not have a User ID for Northern’s proprietary applications, to request and receive selected non-proprietary notices, including critical and non-critical notices and other customer communications that have been posted to Northern’s website. Notifications will be sent to the email address designated by the public user. Email notification elections may be amended at any time by accessing the Notification Administration System using the designated email address. Each public user is responsible for ensuring the email information is current.

Northern will not share or sell information provided in this form to third parties.

* Required Field

User Information

* Email Address:	<input type="text" value="bill.schedinheimer@mygasco"/>		
* First Name:	<input type="text" value="Bill"/>	* Last Name:	<input type="text" value="Schedinheimer"/>
* Company:	<input type="text" value="My Gas Co"/>	* Phone Number:	<input type="text" value="1234567890"/>

Critical Notices

All Critical Notices

Non-Critical Notices

All Non-Critical Notices [Show Non-Critical Notices Definitions](#)

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Cancel**Submit**