



National Fuel®

Choice Program Overview

National Fuel Gas Distribution of Ohio, LLC.

Last updated 10/2026

***National Fuel Gas Distribution of Ohio, LLC
Choice Supplier
Requirements and Approval Process***

National Fuel Ohio's Choice Supplier Requirements and Approval Process

Supplier Requirements:

1. Complete and sign Company's Choice Supplier registration Form and Credit Application; Supplier must indicate on the application:
 - Customer list request, customer billing options selection (consolidated or dual), pooling intentions (mercantile, non- mercantile), requested contact information, connectivity profile
2. Sign National Fuel's Choice Supplier Pooling Agreement
3. Pay a \$1,000 fee for National Fuel to obtain and maintain a first priority perfected Uniform Commercial Code-1 ("UCC-1") lien and related administrative procedures
4. Remit a \$3,000 deposit for Electronic Data Interchange ("EDI") testing and successfully complete EDI Testing requirements. If the Choice supplier applicant is approved to participate in the Choice Program and begins service Choice customers within 60 days of approval, the EDI testing deposit will be refunded without interest. If the Choice Supplier is not approved to participate in the Choice Program or does not begin service Choice customers within 60 days of approval, National Fuel Ohio shall retain the deposit and apply it to general revenues
5. Maintain comparable firm capacity as set out in the Choice Supplier Pooling Service Terms and Conditions
6. Adhere to the terms and conditions of this Rate Schedule, Choice Pooling Agreement with National Fuel Ohio, and any other applicable provisions of National Fuel Ohio Tariff
7. Maintain a computer and internet connection necessary to access National Fuel's GTS
8. Attend a training session on National Fuel Ohio gas transportation program
9. Become an approved bidder on National Fuel Ohio pipelines, provide an up to date and accurate Dun & Bradstreet D-U-N-S' Number (or a successor program offered by Dun & Bradstreet D-U-N-S' Number from an alternative source by the company or an alternative type of information satisfactory to National Fuel Ohio
10. Provide Choice Supplier's public PGP encryption Keys to National Fuel
11. Provide a copy of, and maintain thereafter, the certificate demonstrating that Choice Supplier applicant is certified by the PUCO to provide retail natural gas service

What's Next?

Once approved by National Fuel Ohio, Choice Supplier may proceed with the following:

1. Solicit customers
 - Within 60 days of receiving approval to participate in the Choice program, Choice Suppliers must achieve, and maintain, thereafter, a minimum customer base of at least 100 active customers or 10,000 Mcf annual load. National Fuel Ohio suggests attaining at least 150 customers to be enrolled in the first month as many will not be Choice eligible or may rescind the enrollment. If the Choice Supplier does not achieve or maintain the Minimum Requirements, National Fuel may take necessary actions, including but not limited to, providing notice to Choice Supplier of non-compliance, requesting within 10 days the Choice Supplier's plan to return to compliance, and initiating steps to terminate the Choice Supplier.
2. Receive eligible customer list
 - National Fuel Ohio will host an ftp for purposes of providing supplier with a Choice Eligible Customer List, and monthly reports
 - Files are encrypted, and PGP keys will need to be exchanged
3. Submit request for rates via an approved National Fuel Ohio's Rate Submittal Form (Microsoft Word or Excel) to SupplierRateGroup@CenterPointenergy.com and a copy to TSD-Billing@natfuel.com. For a copy of the form, call National Fuel Ohio transportation 716-857-7446.
4. New Supplier rates must be received by National Fuel Ohio at least 30 days in advance of the 1st of the month start date.
5. Inclusion in PUCO "Apples to Apples" Chart
 - Rates may be submitted to PUCO

National Fuel Ohio will provide one on one training via conference calls with new Choice Supplier's business units.

Choice Supplier Performance Obligations

Must be listed on pipelines' approved bidders list and accept monthly mandatory capacity releases of National Fuel Ohio Capacity. Current capacity includes:

- Panhandle
- Columbia Gas Pipeline
- TETCO
- ANR

Maintain comparable firm capacity/supplies

Proof must be submitted annually to National Fuel Ohio by October 31st

Maintain no less than 100 eligible customers or 10,000 Mcf/year

Choice Suppliers will be removed from the Choice Program if PUCO certification is rescinded, not maintained, abandoned, or otherwise removed or invalidated. Choice Suppliers will be removed if Choice Supplier's customer base or annual sales forecast falls below the Minimum Requirements; Choice Supplier fails to establish sufficient creditworthiness; Choice Supplier fails to meet the Requirements for Choice Supplier Participation within sixty (60) days; or Choice Supplier otherwise materially fails to comply with the requirements of this Rate Schedule, other applicable provisions of Company's Tariff, its Contract with Company, or the statutes and regulations applicable to retail natural gas suppliers and service. The foregoing acts or failures to act may be considered material acts of default under Chapter 4901:1-27 OAC.

If Choice Supplier's participation in the Program was previously terminated due to Choice Supplier's default or for any other reason, Choice Supplier will not be eligible to participate for a period of six (6) months. In addition, Choice Supplier in its new application shall provide information acceptable to Company that such cause for termination has been corrected and will be avoided in the future.

Adhere to National Fuel Ohio tariff terms and conditions, and National Fuel Ohio's executed Choice Supplier Pooling Agreement.

ELIGIBLE CUSTOMERS

Mercantile vs. Non-Mercantile

- Mercantile Customer” is a non-residential customer that uses > 5,000 Ccf/year at a single location or > 3 locations.
- Rules for competitive retail gas service (i.e. HB 9) are effective for Non-Mercantile customers and their Suppliers.
- National Fuel Ohio’s Choice tariffs are available to Mercantile and Non-Mercantile customers using < 150,000 Ccf/year. Therefore, it implements the same (HB 9) requirements for both with the exception of:
 - PUCO Certification required to serve Non-Mercantile
 - PUCO approval required to terminate Non-Mercantile Supplier
- Mercantile and Non-Mercantile customers may be combined in the same pool (and thereby one DDQ and pool bill) provided that:
 - Supplier is certified with PUCO
 - Mercantile default process is followed
- National Fuel Ohio strongly suggests one combined pool to reduce Supplier administration.

Choice Eligible Customers

- Uses < 150,000 Ccf/year
- Is not 35 days past due and owe more than \$100 at time of enrollment
- Is not past due on a payment arrangement
- Is not a PIPP customer

Breakdown of Choice Eligible Customers

- Customers with annual usage < 150,000 CCF as of July 2024

	July-24
Total Customer Count	330,164
Choice Eligible	315,302
Total Choice	151,267
Pipp	8,988

CUSTOMER ENROLLMENT

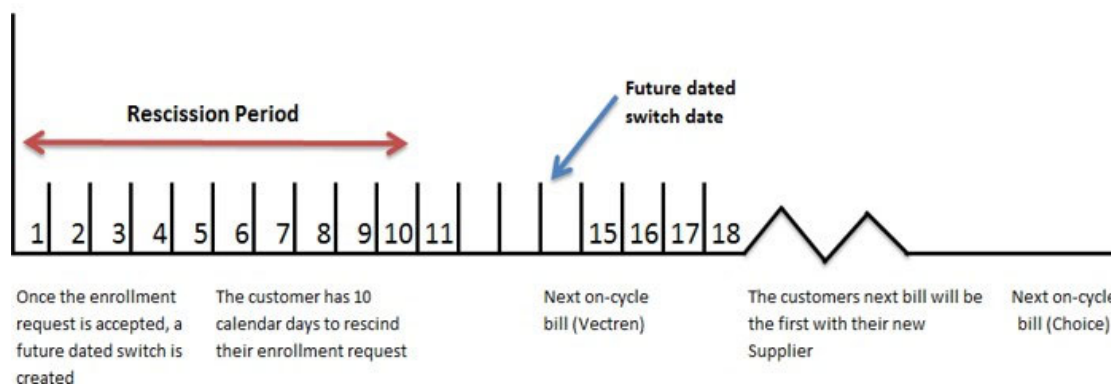
High Level Customer Enrollment Process

1. Customer enters a contract with a Choice Supplier.
2. Choice Supplier sends EDI enrollment request transaction to National Fuel Ohio.
3. National Fuel Ohio validates the enrollment request and sends an acceptance or rejection EDI transaction to the Choice Supplier within 3 business days.
 - Response target is 1 business day
 - File contains customer's anticipated enrollment date
4. Customer joins the Choice Supplier's pool with their next on-cycle read date after a 10-calendar day rescission period (from the date National Fuel Ohio sends letter to customer).

Timing

- Projected Enrollment Date is set at the next meter read date 10 calendar days (typically 7 business days) after the customer notice is created.
- National Fuel Ohio must receive enrollment request from Suppliers 10 calendar days prior to scheduled read date.

Meter Read Cycle	Customer Notice Created	Rescission Period End	Next On-Cycle Bill Date	Enroll Date
1	15-Apr	25-Apr	1-May	1-May
14	15-Apr	25-Apr	24-Apr	24-May
18	15-Apr	25-Apr	29-Apr	29-Apr



Reasons for Rejection of an Enrollment

- Main Reasons an Enrollment is rejected:
 - Account is delinquent
 - Inaccurate Account Number
 - Customer is on PIPP
 - Account is Inactive
 - Customer is already pending with a new Supplier for that period
 - Customer usage > 150,000 ccf/year
- Customers remain with their Supplier until:
 - The Supplier sends a drop request
 - The customer is DNP for delinquency
 - The customer joins the PIPP program
 - Another Supplier enrolls the customer
 - The customer asks National Fuel Ohio to drop them
 - The customer moves out of their current residence

TRANSACTION PROCESSING

Energy Service Group (ESG)

- Choice file transfers between the National Fuel Gas Distribution of Ohio Customer Information System (CIS) and Suppliers will come through ESG, a third party transaction management services provider. All Choice file transfers will come through ESG.
- All Choice Suppliers must pass EDI testing with ESG before initiating enrollments.
- ESG will contact Supplier once Supplier meets National Fuel Ohio participation requirements.
- ESG and Supplier will implement a test plan that tests connectivity and data transmission. This test plan is tailored to the Supplier's billing election (dual or consolidated).
- Testing takes approximately 4 weeks for dual billing and 6 weeks for consolidated.

Batch Processing

- Communication via FTP using PGP encryption
- Suppliers may send files 24 hours a day
- Inbound files are processed by ESG Hourly
- Supplier transactions will be processed by National Fuel Ohio's CIS once a day as part of the nightly batch process.
- Outbound files are processed by ESG immediately

Transaction Types

- General Account Administration (GAA)
 - Enrollments
 - Changes
 - Drops
 - Reinstatement
- Usage (USG)
 - Monthly (original, cancelled)
 - Historical Usage (on request)
- Invoice (INV)
- National Fuel Ohio does not send payment files
- All transactions must be sent through ESG using the defined standards.

High Level Customer Drop Process

- It is not necessary for the current Supplier to submit a file to drop a customer before the customer can be served by another Supplier.
- If two Suppliers send a request to enroll a customer in the same processing period, the customer will be assigned to the Supplier whose request was received first.
- Customers may rescind via phone, mail, or through National Fuel Ohio's Call Center. Only the Customer (not the current Supplier) may rescind an enrollment during the recession period.
- If a customer rescinds their enrollment, a drop notification is sent to the recent Supplier, and a reinstatement transaction is sent to the previous Supplier.

Enrollments for New Accounts

- Customers can enroll their new, inactive account with a Choice Supplier
- Suppliers must submit the enrollment before the read date + the rescind period.
- If the enrollment is received within that date, the enrollment will be rejected, and the customer will be billed on the SCO Rate.
- National Fuel Ohio will advise the customer of the new account number when the service order is created.
- National Fuel Ohio will also advise current Choice customers that they may call their Supplier to advise them of the move and the new account number so that any existing contracts can be transferred.

CUSTOMER RATES & BILLING

Bills to Customers

Supplier must select one option for all of its Choice customers:

- **National Fuel Ohio-generated Consolidated bill** A first priority security interest in the customer receivables (in the case of Suppliers electing to utilize consolidated billing); or
- An irrevocable standby letter of credit from a financial institution that meets National Fuel Ohio's approval in an amount equal to the expected customer receivables from the prospective Supplier's customers for the peak two consecutive months over the year (in the case of Suppliers electing to utilize consolidated or dual billing).
- **Dual Billing** A letter of credit to fully collateralize any potential exposure deemed necessary by National Fuel Ohio.
- This option can be changed annually with 90 days prior written notice. All the Supplier's existing customers will be migrated to the new billing option.
- On the onset of the program, there is no charge for billing services.
- National Fuel Ohio will not bill Supplier's penalties or termination fees.
- National Fuel Ohio does not bill for Suppliers' non-commodity products and services.
- National Fuel Ohio is not able to include Supplier's logo on its bills.

Consolidated Billing

Sales tax on Supplier charges:

- Supplier charges are subject to sales tax.
- Supplier will provide the taxing county on the enrollment request.
- Supplier will provide any customer tax exemption information on the enrollment request or a subsequent change request.
- Supplier rates submitted to National Fuel Ohio should be exclusive of sales tax.
- Suppliers will be responsible for remitting sales tax to the relevant state and county authorities (Information needed by Supplier is contained in EDI customer invoice files).
- National Fuel Ohio does not refund billed taxes. Customer must request the refund from the State.

Consolidated Billing Continued

- National Fuel Ohio performs all meter reading, charge calculation, bill preparation and collections responsibilities.
- Supplier may use any rate structure automatically billed by National Fuel Ohio's standard billing system. Charges may be negotiated for adapting billing system to bill alternate rate structures.
- Supplier's charges are subject to the same billing proration rules as National Fuel Ohio's sales service which is currently based on days of service and heating degree days.
- Prices for each Supplier rate may only be changed once per month effective with the first day of the month.
- Suppliers are limited to 25 new rates per year, and there is no charge for rate submittals.
- National Fuel Ohio currently purchases 100% of the receivables

Submittal of Supplier Rates

Timeline:

- Suppliers will notify National Fuel Ohio of changes to existing rates no later than Noon CST on the 2nd business day prior to the end of the month **using one of the approved** National Fuel Ohio's Rate Request Form. All rate requests should be e-mailed to SupplierRateGroup@CenterPointenergy.com and a copy to TSD-Billing@natfuel.com.
- National Fuel Ohio will send out changes for confirmation by 10 AM CST on the last business day prior to the end of the month.
- Suppliers must confirm the proposed changes no later than Noon CST the last business day of the month in order for the rate to become effective.
- If confirmation is not received by noon the last business day of the month, the current rate will remain in affect and the proposed change will not go into effect until the next business month.
- National Fuel Ohio will need 30 days notice for new rates. The new rate form must be submitted 30 days in advance. The actual rate to be billed to customers can be updated based on the changes to the existing rate timeline outlined above.
- National Fuel Ohio is not responsible for any customers being billed the rate submitted on the original new rate form if Supplier does not submit the actual rate change within the timeline outlined above. In such case, the customers' bills will not be corrected.
- *Note - If an EDI rate change request is made within 7 days of the last read date, the new rate will take effect as of that read date.

Dual Billing

- National Fuel Ohio performs all meter reading.
- Meter reading information will be provided to the Supplier to enable them to bill the customer for the supply charges.
- National Fuel Ohio will bill for its own charges only.
- The National Fuel Ohio bill indicates the Supplier's name and a statement that Supplier charges will be invoiced separately by their Choice Supplier.

Budget Billing

- Choice customers may participate in budget billing upon program implementation.
- A budget customer who enrolls in Choice will automatically remain on the budget program.
 - No settle up or change in budget amount at Choice enrollment.
 - A non-budget Choice customer may join the budget billing program at any time.
 - The budget bill amount will be adjusted for Customers enrolling in Choice with a Supplier electing Dual Billing.
- Suppliers electing Consolidated Billing will be paid the value of the gas consumed (utility receives budget payment amount).

Customer Delinquency

Customer Delinquency

- When on Choice, a customer will be disconnected for non-payment of charges contained on its National Fuel Ohio bill.
- Customers are dropped from Choice for non-payment when the physical disconnection of gas takes place.
- Customers with past due charges on their National Fuel Ohio bill will be warned via a bill message that they will be dropped from Choice if they are disconnected for non- payment.
- If the customer is disconnected, the customer will be dropped from Choice. The customer will be informed by a bill message & the Supplier will be informed by an EDI file.
 - If service is reconnected within 10 days, a reinstatement transaction will be created with the reactivation date.
 - If service is not reconnected within 10 days, an eligibility check will be done. If eligible, they will be enrolled with the SCO Provider for the premise. If not eligible, they will default to DSS Service.

Customer Delinquency Continued

- Dual Billing Delinquency:
 - National Fuel Ohio can drop the customer for past due National Fuel Ohio charges.
 - The Supplier has collection responsibilities for its own charges.
 - The Supplier cannot request National Fuel Ohio to disconnect the customer.
 - The Supplier can drop the customer from Choice after the Supplier has issued mandated notices to the customer.
- Re-enrollment after Delinquency Drop:
 - When a customer has been dropped from Choice for non-payment, any past due balance with National Fuel Ohio must be paid before the customer may re-enroll in Choice.
 - A new enrollment is required for the customer to re-enroll in the Choice program, unless the customer reconnects within a 10 day period.

GOVERNMENTAL AGGREGATION

Government Aggregation

- What is Government Aggregation?
 - Ohio's laws allow for communities - such as cities and counties - to form aggregated buying groups on behalf of their citizens. The governmental aggregator chooses a Supplier for all of the customer-members in its group.
- What Certifications are Required?
 - Supplier and Government Aggregator must be PUCO certified.
 - The Supplier must meet National Fuel Ohio requirements.
- Which customers are not eligible?
 - PIPP customers,
 - Customers already under contract with a Supplier as part of Choice (unless they terminate their current Supplier agreement), and
 - Customers using > 5,000 Ccf/year (Mercantile customers)

Government Aggregation Continued

- Opt-in Aggregation

- A program that permits each customer to sign up individually to participate in the program. If the local government chooses Opt-in aggregation, it can proceed to develop a plan and start signing up customers.

- Opt-out Aggregation

- A program that automatically enrolls all local residents, unless they individually opt-out of the program. If a community chooses this form of aggregation, a number of steps are required:

Formation of an Opt-out Aggregation:

- A majority of voters must authorize opt-out aggregation in an election.
- If authorized by a majority of the vote, the local government must form a plan of operation and management. They must also hold at least two public hearings to allow customers to voice any concerns over the proposed plan.
- Each customer to be aggregated must be notified that they will be automatically enrolled in the program unless they specifically elect not to participate.

National Fuel Ohio - Responsibilities

- National Fuel Ohio will work with approved aggregators to provide a list of eligible customers within the specified boundaries.
 - A minimum of two weeks lead time is required.
- National Fuel Ohio can support identification of the boundaries through Zip codes (not Zip+4).

Gas Management

National Fuel Ohio's System Balancing

- National Fuel Ohio's Columbia Pipeline Group (TCO) Firm Storage Service (FSS) agreement provides most of National Fuel Ohio's system balancing capability – hourly, daily and monthly.
- SCO/Choice Suppliers collectively balance National Fuel Ohio's system
 - National Fuel Ohio does not retain a portion of TCO storage to perform the system balancing function.
 - National Fuel Ohio mandates release of its TCO storage capacity to these Suppliers. The Suppliers are responsible for filling and emptying the storage account.
 - Choice/SCO holders of National Fuel Ohio's released TCO storage capacity collectively provide system balancing via an auto-balancing feature on TCO that has been specifically designed for National Fuel Ohio
- The Suppliers must agree to allow their TCO storage (individually and in aggregate) to be used to balance the National Fuel Ohio system.
- Suppliers must agree to follow National Fuel Ohio-established:
 - Min/Max boundaries for daily storage injection/withdrawal
 - Minimum storage inventory balances to ensure sufficient storage inventory injection/withdrawal capability to balance the system each day

National Fuel Ohio's System Balancing, Continued

- All SCO and Choice Suppliers will be required to enter into a TCO Agency Agreement on a monthly basis giving National Fuel Ohio the rights to view all of the Suppliers' nominations and storage information on their National Fuel Ohio released contracts.
 - TCO Agency Agreements will be submitted to TransCanada/Columbia Pipeline Group at navigates@transcanada.com by Suppliers.
 - The expiration date is populated to allow access to the multiple FSS contracts during the entire phase in the event there is a prior period adjustment that would need to be updated in National Fuel Ohio's system.
- SCO/Choice Suppliers will receive the cash-outs and premiums charged to Large Transporters/Pool Operators on a monthly basis based on their CRP's for providing balancing services.

National Fuel Ohio's System Balancing, Continued

- Suppliers must agree to allow National Fuel Ohio to shift some TCO storage capacity among the Suppliers at the start of each month due to Customer migrations or intra-month if a large migration occurs. Capacity follows the Customer; storage inventory does not.
 - National Fuel Ohio reserves the right to adjust PDA's intra-month if a large Choice migrations occur or to resolve any other imbalance issues between SCO and Choice Suppliers.
 - TCO will bill the individual Suppliers that overrun their individual storage limitations.
 - Nominated storage injections, withdrawals and off-system storage withdrawals must be nominated on National Fuel Ohio's EBB.
- Minimum Storage Levels
 - Suppliers must have at least the minimum storage level designated by National Fuel Ohio in their storage account at all times.
 - Volumes below the minimum storage level are subject to Storage Non-Compliance Charges.

National Fuel Ohio's System Balancing, Continued

- Daily minimum and maximum injection and withdrawal limits will be established for each SCO and Choice Supplier in order to balance the system and adhere to TCO's tariff limits.
- Daily limits can vary depending on HDD. TCO will bill the individual Suppliers that overrun their individual storage limitations.
- Suppliers must have at least the minimum storage level designated by National Fuel Ohio in their storage account at all times.
- Suppliers must set their PDA's accordingly at the shipper level.

National Fuel Ohio's TCO Storage Min/Max Injection/Withdraw Requirements

Historic Maximum MMBTU Max of Day-Ahead Forecast to Actual
NFOCO 7/1/2007 to 6/30/2014

	HFOCO	HCO6	HCO11	HCO16	HCO21	HCO26	HCO31	HCO36	HCO41	HCO46	HCO51	HCO56	HCO61	HCO66	HCO71	HCO76
January	11,549	33,314	37,126	37,380	34,532	32,347	48,437	34,343	38,574	36,887	44,308	36,821	41,181	36,783	44,000	-
February	13,988	7,868	32,620	37,851	36,580	36,736	31,905	45,336	38,113	43,550	31,968	19,680	-	-	-	-
March	15,978	19,116	30,340	43,761	40,586	39,476	32,937	38,485	18,574	25,720	23,710	-	-	-	-	-
April	33,082	30,590	19,136	39,362	39,360	6,144	25,749	-	-	-	-	-	-	-	-	-
May	23,468	24,375	37,126	34,267	42,379	-	-	-	-	-	-	-	-	-	-	-
June	15,846	13,414	-	-	-	-	-	-	-	-	-	-	-	-	-	-
July	13,853	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
August	13,480	732	-	-	-	-	-	-	-	-	-	-	-	-	-	-
September	13,860	12,468	24,266	14,210	-	-	-	-	-	-	-	-	-	-	-	-
October	15,087	33,670	30,749	37,147	38,306	18,540	-	-	-	-	-	-	-	-	-	-
November	6,581	39,943	46,720	47,888	40,869	36,706	34,528	14,570	8,780	-	-	-	-	-	-	-
December	17,680	7,729	37,310	32,859	31,847	43,130	37,511	49,602	34,037	34,670	14,638	-	-	-	-	-

FOR GAS DAYS ON AND AFTER 09/01/2014

Max Injection Table

Month	Max Inj	HFOCO	HCO6	HCO11	HCO16	HCO21	HCO26	HCO31	HCO36	HCO41	HCO46	HCO51	HCO56	HCO61	HCO66	HCO71	HCO76
January	36,500	11,549	33,314	37,126	37,380	34,532	32,347	48,437	34,343	38,574	36,887	44,308	36,821	41,181	36,783	44,000	-
February	30,500	17,584	32,726	7,868	37,260	37,851	36,580	31,905	45,336	38,113	43,550	31,968	19,680	-	-	-	-
March	30,500	15,978	19,116	30,340	43,761	40,586	39,476	32,937	38,485	18,574	25,720	23,710	-	-	-	-	-
April	41,388	30,590	19,136	39,362	39,360	6,144	25,749	-	-	-	-	-	-	-	-	-	-
May	31,184	37,126	34,267	34,917	18,305	-	-	-	-	-	-	-	-	-	-	-	-
June	31,184	30,338	47,725	-	-	-	-	-	-	-	-	-	-	-	-	-	-
July	31,184	48,831	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
August	31,184	47,724	46,452	-	-	-	-	-	-	-	-	-	-	-	-	-	-
September	36,730	36,500	37,304	15,475	33,540	-	-	-	-	-	-	-	-	-	-	-	-
October	21,414	6,327	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
November	13,747	6,186	39,730	33,976	38,740	38,738	18,588	17,910	11,305	8,367	-	-	-	-	-	-	-
December	26,498	7,894	37,310	32,770	36,730	36,340	38,620	38,138	38,138	38,138	38,138	38,138	38,138	38,138	38,138	38,138	38,138

FOR GAS DAYS ON AND AFTER 09/01/2014

April Max Injection Detail

Month	HCO6	HCO11	HCO16	HCO21	HCO26	HCO31	HCO36	HCO41	HCO46	HCO51	HCO56	HCO61	HCO66	HCO71	HCO76
April	30,590	19,136	39,362	39,360	6,144	25,749	-	-	-	-	-	-	-	-	-

Max Withdrawal Table

Month	TCO Max	HFOCO	HCO6	HCO11	HCO16	HCO21	HCO26	HCO31	HCO36	HCO41	HCO46	HCO51	HCO56	HCO61	HCO66	HCO71	HCO76
January	300,000	184,411	179,588	182,474	178,813	181,368	148,753	151,573	148,487	140,326	145,843	145,891	148,126	158,833	173,207	194,000	200,000
February	300,000	187,002	182,134	177,871	182,149	182,411	161,364	168,045	154,864	161,887	158,430	164,881	180,390	190,000	200,000	200,000	200,000
March	150,000	114,433	113,884	99,751	87,239	87,414	100,324	87,943	87,915	111,426	109,239	107,299	130,000	130,000	130,000	130,000	130,000
April	150,000	158,588	164,492	162,864	163,536	163,536	163,536	163,536	163,536	163,536	163,536	163,536	163,536	163,536	163,536	163,536	163,536
May	150,000	75,330	75,126	72,876	73,730	67,795	-	-	-	-	-	-	-	-	-	-	-
June	150,000	88,154	86,588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
July	150,000	87,847	150,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
August	150,000	86,540	86,364	-	-	-	-	-	-	-	-	-	-	-	-	-	-
September	150,000	86,150	87,534	75,886	83,790	-	-	-	-	-	-	-	-	-	-	-	-
October	200,000	184,813	186,121	188,851	182,883	181,284	180,880	-	-	-	-	-	-	-	-	-	-
November	200,000	183,419	181,057	183,276	182,711	184,131	183,206	184,472	185,590	191,220	200,000	200,000	200,000	200,000	200,000	200,000	200,000
December	200,000	183,341	180,222	183,784	187,731	188,158	187,839	188,488	194,958	179,463	188,024	185,104	185,000	190,000	190,000	190,000	190,000

FOR GAS DAYS ON AND AFTER 04/01/2012

Min Withdrawal Table

Month	TCO Min	HFOCO	HCO6	HCO11	HCO16	HCO21	HCO26	HCO31	HCO36	HCO41	HCO46	HCO51	HCO56	HCO61	HCO66	HCO71	HCO76
November	200,000	-	-	18,888	20,000	20,000	20,000	20,000	20,000	20,000	-	-	-	-	-	-	-

FOR GAS DAYS ON AND AFTER 04/01/2012

Minimum Daily TCO Storage Inventory Requirements

Attachment 17B			
National Fuel Gas Distribution of Ohio, LLC MONTHLY TCO STORAGE REQUIREMENTS			
Month	Daily Minimum Required % of SCQ in TCO Storage	Daily Minimum Recommended % of SCQ in TCO Storage	Maximum Required % of SCO in TCO Storage
April	0.00%	2.5%*	TCO Tariff
May	0.00%	2.5%*	TCO Tariff
June	0.00%	2.5%*	TCO Tariff
July	0.00%	2.5%*	TCO Tariff
August	0.00%	2.5%*	TCO Tariff
September	0.00%	2.5%*	TCO Tariff
October	0.00%	2.5%*	TCO Tariff
November	30%	30%**	TCO Tariff
December	30%	30%**	TCO Tariff
January	30%	30%**	TCO Tariff
February 1-15	30%	30%**	TCO Tariff
February 16-28	0.00%	2.5%*	TCO Tariff
March	0.00%	2.5%*	TCO Tariff

* National Fuel Ohio (NFOH) will not require a minimum balance in inventory from February 16th through the end of October. NFOH RECOMMENDS a minimum of 2.5% at all times to ensure that a three day historic maximum forecast miss will not result in a negative storage balance and excessive penalties.

** NFOH will require all the released capacity holders of the NFOH TCO FSS storage service to maintain a minimum balance of 30% of the released TCO SCQ capacity in inventory until February 15th of each year. This is needed in order for NFOH to be assured that the first TCO storage ratchet is not reached prior to February 15th each year.

Recommended TCO Storage Inventory

Columbia Gas Transmission - Recommended Operating Parameters per National Fuel Gas Distribution of Ohio, LLC				
	Storage Contract Quantity		7,648,483	
Date	Max SCQ%	Min SCQ%	Max Dth	Min Dth
December 15th	100%	75%	7,648,483	5,736,362
January 15th	80%	55%	6,118,786	4,206,666
February 15th	55%	30%	4,206,666	2,294,545
March 15th	30%	10%	2,294,545	764,848

Capacity Release

- National Fuel Ohio's holding of capacity equals approximately 75% of its total SCO/DSS and Choice load.
- National Fuel Ohio's pipeline firm transportation capacity will be temporarily released on a monthly basis, with recall rights, to SCO and Choice Suppliers on a pro-rata basis (Capacity Release Percentage –CRP).
- CRP's are available to SCO and Choice Suppliers in GTS when Capacity is released, typically by the 20th of each month.
- The volumes and costs associated with the capacity may be provided upon request.
- Transportation capacity follows the Customer.
- Supplier will not be permitted to change any primary points of receipt or delivery associated with assigned pipeline transportation contracts.
- For specific parcels of capacity identified by National Fuel Ohio, Supplier may not utilize any delivery point other than those primary and secondary points identified by National Fuel Ohio unless the capacity is released at the pipeline's full tariff rate or unless an alternate capacity billing arrangement is agreed to by Supplier and National Fuel Ohio.
- National Fuel Ohio will continue to retain prospectively a combination of interstate pipeline transportation and storage capacity along with alternate peaking supplies to serve approximately 75% of total system requirements (not including Large Transporter loads) for releasing to SCO and Choice Suppliers.

Capacity Release, Continued

- Suppliers must execute capacity release documents in the timeframe specified by National Fuel Ohio.
- National Fuel Ohio reserves the right to adjust capacity release quantities intra-month if needed.
- National Fuel Ohio will release capacity to those Suppliers participating as both an SCO Supplier and a Choice Supplier collectively; however, the Supplier will have a Choice Pool and a separate SCO Pool with its own DDQ, nominations, usage, etc. for billing purposes.
- Capacity contract numbers will change monthly by the pipelines as capacity is recalled and re-released.

*Note – A new Choice Supplier must have 100 enrollments or enrollments with 10,000 CCF of annual load collectively submitted before the release date in order to be awarded capacity. Once the capacity is awarded, the new Choice Supplier will be responsible for fulfilling the Minimum Storage amount by the first of the month.

- Suppliers will be notified of the released pipeline contracts, volumes and offer numbers typically by the 20th of each month.
 - Suppliers must accept capacity within 48 hours of the release.
- National Fuel Ohio's Tri-Party Capacity Agreement must be fully executed if capacity is not to be released directly to the SCO Supplier.

Capacity Release of Storage

- Suppliers that have an SCO and a Choice pool will receive capacity released jointly for the combined CRP of both pools.
- Capacity follows the customer:
 - Monthly reassignment of capacity to Suppliers based on design peak day market share.
- The TCO storage capacity (FSS & SST) released to Suppliers cannot be re-released.
- The costs of the released storage and related transportation capacity must be paid directly to the pipelines pursuant to pipeline capacity release payment procedures.
- The released capacity is subject to recall at any time if:
 - Supplier does not perform in accordance with the SCO or Choice Supplier Agreements or;
 - Fails to comply with other relevant provisions set forth in National Fuel Ohio's Tariff
- Storage is recalled and re-released on a monthly basis which changes the contract numbers each month
- Suppliers must transfer their end of the month storage balance to their new contract the beginning of each month

National Fuel Ohio's Capacity Portfolio

NATIONAL FUEL GAS DISTRIBUTION OF OHIO, LLC.

Capacity Portfolio April 2027 - March 2028
(Volumes in Dth)

<u>Pipeline</u>	<u>Svc Type</u>	<u>Contract Number</u>	<u>Primary Receipt</u>	<u>Primary Delivery</u>	<u>Apr '27</u>	<u>May '27</u>	<u>Jun '27</u>	<u>Jul '27</u>	<u>Aug '27</u>	<u>Sep '27</u>	<u>Oct '27</u>	<u>Nov '27</u>	<u>Dec '27</u>	<u>Jan '28</u>	<u>Feb '28</u>	<u>Mar '28</u>
					MDQ	MDQ	MDQ	MDQ	MDQ	MDQ	MDQ	MDQ	MDQ	MDQ	MDQ	MDQ
TCO	SST	99599	33/Stow	Stol/33	100,000	100,000	100,000	100,000	100,000	100,000	200,000	200,000	200,000	200,000	200,000	200,000
ANR	ETS	126278	742252	1400988	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
ANR	ETS	126279	742252	1400988	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
TETCO	LLFT	870172	74902	72911	31,225	10,500	10,500	10,500	10,500	10,500	10,500	10,500	31,225	31,225	31,225	31,225
TETCO	LLFT	870173	74902	73269	0	0	0	0	0	0	0	23,580	23,580	23,580	23,580	23,580
TETCO	FT	910555	79951	73105	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200
PEPL	EFT	20349		Rural	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Total City Gate Deliverability					196,425	175,700	175,700	175,700	175,700	175,700	275,700	299,280	320,005	320,005	320,005	320,005

<u>Pipeline</u>	<u>Svc Type</u>	<u>Contract Number</u>	<u>Primary Receipt</u>	<u>Primary Delivery</u>	<u>SCQ</u>	<u>Apr '27</u>	<u>May '27</u>	<u>Jun '27</u>	<u>Jul '27</u>	<u>Aug '27</u>	<u>Sep '27</u>	<u>Oct '27</u>	<u>Nov '27</u>	<u>Dec '27</u>	<u>Jan '28</u>	<u>Feb '28</u>	<u>Mar '28</u>
						MDQ	MDQ	MDQ	MDQ	MDQ	MDQ	MDQ	MDQ	MDQ	MDQ	MDQ	MDQ
TCO	FSS (SCQ)		Stol	Stow	7,648,483												
	FSS	99600	33/Stow	Stol/33		200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000

Allocation of National Fuel Ohio Purchased Peaking Supplies

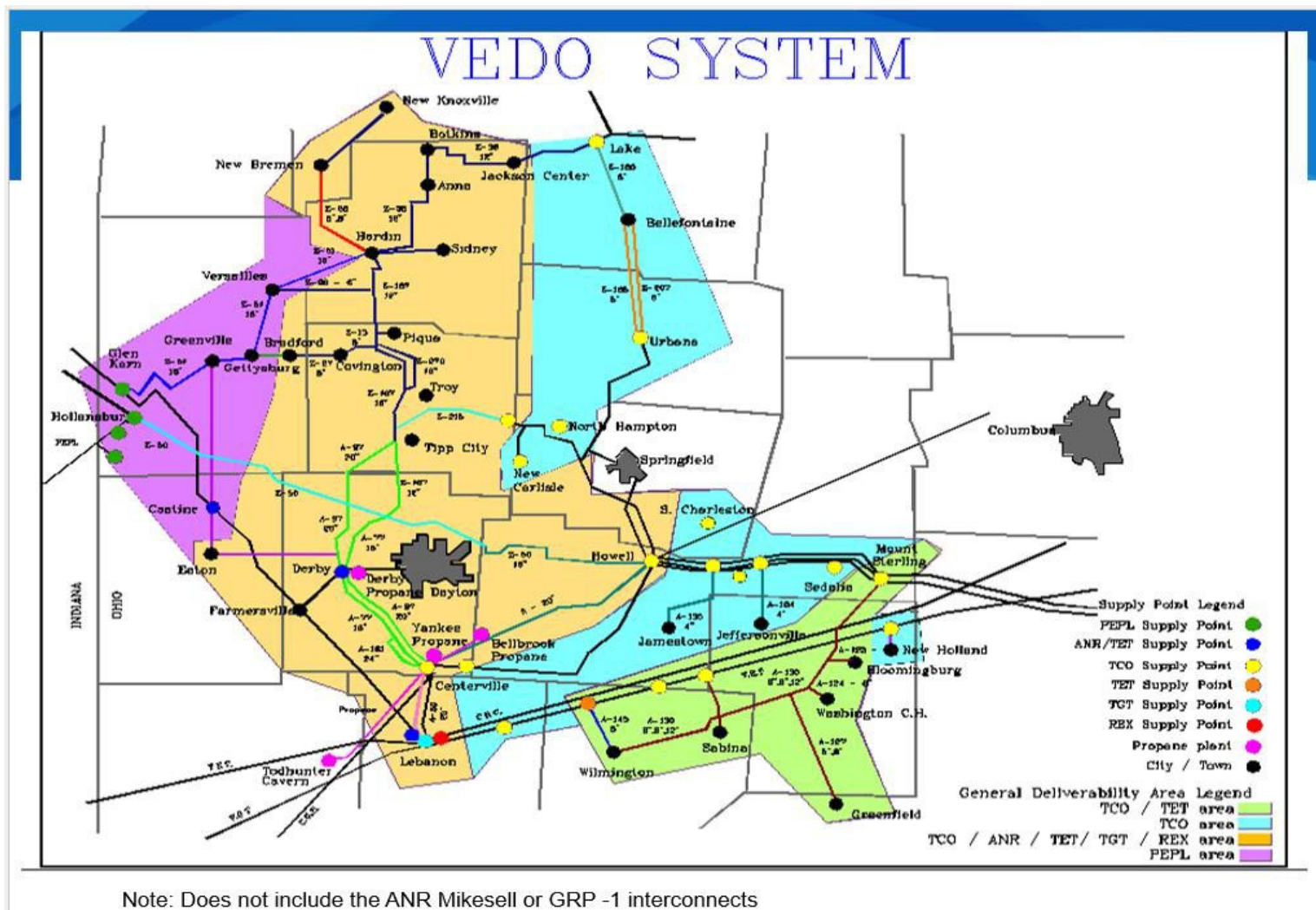
- Each Choice/SCO Supplier agrees to retain sufficient firm interstate pipeline transportation and storage capacity with primary delivery points to the National Fuel Ohio city-gates and/or city-gate firm gas supply arrangements to meet 100% of their monthly design peak day demand.
 - National Fuel Ohio provides approximately 75% of the capacity peak day needs
- National Fuel Ohio will allow a physical call for 10 peaking days at the National Fuel Ohio city-gate to cover an SCO and/or Choice Supplier's firm capacity obligation.
- Plans and proof of comparable firm capacity should be submitted directly to TJ Noland at jerry.noland@CenterPointenergy.com and copy TSOhio@natfuel.com no later than October 31st of each year.
 - Actual proof of capacity may be submitted during the month of October or on a monthly basis. If submitted on a monthly basis, the proof must be submitted by the 25th of the preceding winter month for the months of December, January and February.
- National Fuel Ohio may verify the Suppliers' compliance with this requirement at any time.

Pipeline Delivery Point Imbalances

- Differences between the actual deliveries through the Delivery Point meters and the nominations to those meters will be managed by National Fuel Ohio as shown below.
 - Texas Gas – Lebanon Point
 - No OBA in place.
 - Imbalance volumes are allocated pro-rata to shippers on a daily basis.
 - Texas Eastern – Derby, Red Lion and Gano Road Points
 - OBA in place.
 - Imbalances are managed to minimal levels through TETCO Gas Control adjusting flow.
 - Month-end imbalance carries month to month.
 - Imbalance is not cashed out.
 - ANR – Derby, Red Lion, & effective April 1, 2016, VEDO GRP-1 140098
 - OBA in place.
 - Imbalances are managed to minimal levels through ANR Gas Control adjusting flow.
 - Month-end imbalance carries month to month.
 - Imbalance is not cashed out.
 - Panhandle – Rural Point
 - OBA in place.
 - Rockies Express – Clear Creek
 - POA in place.
 - Imbalances are managed to minimal levels through REX Gas Control adjusting flow.
 - Imbalance < 20,000 Dths carries month to month.
 - Imbalance > 20,000 Dths is cashed out.

Comparable Firm Capacity

- Each SCO Supplier agrees to retain sufficient firm interstate pipeline transportation and storage capacity with primary delivery points to the National Fuel Ohio city-gates and/or city-gate firm gas supply arrangements to meet 100% of the monthly design peak day demands for its tranches.
 - National Fuel Ohio provides approximately 75% of the capacity peak day needs.
- National Fuel Ohio may verify the Suppliers' compliance with this requirement at any time.
- National Fuel Ohio will allow a physical call for 10 peaking days at the National Fuel Ohio city-gate to cover an SCO and/or Choice Supplier's firm capacity obligation.
- Choice and SCO Suppliers must provide capacity supply plans in October to demonstrate their supply plans for the upcoming season.
- Actual proof of capacity may be submitted at that time or on a monthly basis. If submitted on a monthly basis, the proof must be submitted by the 25th of the preceding winter month for the months of December, January and February.
- Plans and proof of comparable firm capacity should be submitted directly to TJ Noland at jerry.noland@CenterPointenergy.com



City-Gate Delivery Requirements

- The allowable minimum and maximum delivery percentages are recalculated and communicated to Suppliers periodically.
 - Typically, a four-month minimum notification will be provided on changes to the city-gate allocation tables.
- Required minimum/maximum delivery requirements vary by Heating Degree Day.
- Deliveries to a grouped city-gate delivery point in National Fuel Ohio's city-gate allocation table allow delivery by various pipelines.
- A City-Gate Allocation Non-Compliance Charge will be assessed on the quantity difference if the SCO Supplier's confirmed daily pipeline nomination is less than the minimum or greater than the maximum city-gate allocation requirements.
- Due to the changes to National Fuel Ohio's portfolio, city-gate delivery requirements have also changed:
 - No deliveries will be accepted at Panhandle Glen Karn or Hollansburg as of April 1, 2016.
 - Panhandle Rural deliveries are still required
 - Deliveries will be required at ANR VEDO GRP-1 1400988 April 1, 2016.
- National Fuel Ohio's city-gate allocation delivery requirement table can be found on nationalfuel.com.

City-Gate Information

National Fuel Ohio's Non LGT Pipeline & City Gates			
Pipeline	Pipeline Meter Point	Pipeline City-Gate Name	NFOH City-Gate Delivery Groupings
ANR	295956	Lebanon /Derby	Derby Hub
ANR	108796	Lebanon/Red Lion	Lebanon Hub
ANR	VEDO GRP-1	Loc ID: 1400988	VEDO GRP-1
ANR	Mikesell	Loc ID: 1401911	Mikesell
Columbia	33-3	Dayton-3	33-3
Columbia	33-6	Dayton-6	33-6
PEPI	2603	New Paris	New Paris
Rex	44472	Clear Creek (Lebanon Lateral)	Lebanon Hub
TETECO	73970	Farmersville-Derby Delivery	Derby Hub
TETECO	73105	Clinton, OH (Gano Rd)	Gano Rd
TETCO	72909	Red Lin, OH (Lebanon Lateral) - 72909	Lebanon Hub
TGT	Zone 4-1720	Lebanon-Dayton-Zone 4	Lebanon Hub

Operational Flow Orders (OFO)

National Fuel Ohio may issue an OFO, in its reasonable discretion upon determination that an action is required in order to:

- Alleviate conditions which threaten the integrity or reliability of Company's gas system
- To maintain the system in balance
- To maintain adequate storage levels
- To assure deliveries of gas supplies by Suppliers to the customers
- Protect the reliability of Company's gas system
- Assure deliveries of gas supplies by Suppliers to the customers
- Adhere to the various interstate pipeline companies' balancing requirements, as stated in their FERC approved gas tariffs under which Company is served
- Direct Suppliers to different city-gates or institute different city-gate delivery allocations due to system maintenance or system constraints
- Any other condition warranting a change to delivery requirements

Operational Flow Orders (OFO's) Continued

- An OFO may be issued to all Suppliers delivering gas to National Fuel Ohio's city-gates, individual transport programs, or an individual Supplier, when necessary, in Company's sole judgment.
 - Violations of OFO requirements will be subject to a \$35.00 charge per Dth for any volumes over or under the specified restriction.
 - An e-mail notification of OFO's or critical periods will be posted to GTS and received by all registered Suppliers.

Operational Flow Orders Guidelines

National Fuel Ohio will issue an OFO in the following situations:

- Columbia Pipeline Group (i.e. TCO) issues a Transport Critical Day or OFO, and the TCO Storage inventory levels are above 30%.
- TCO issues a Storage Critical Day or OFO regardless of the collective storage inventory level.
 - Off-system withdrawals are forbidden by National Fuel Ohio when TCO issues a Storage Critical Day, and any other time as deemed necessary by National Fuel Ohio.
- Certain circumstances may result in exceptions to National Fuel Ohio's practice of issuing OFO's. Such exceptions will be communicated to internal stakeholders as part of the normal OFO process.
- Off-System storage withdrawals are not allowed during a Cold OFO

Choice Supplier Reconciliation Billing

Choice Supplier Billing

Supplier Charges

- Choice Supplier Monthly Statements (bills) will be rendered each month by the 25th day of the month, for the prior month's activity.
- National Fuel Ohio will pay the Choice Suppliers for the dollars billed to their Choice customers for the revenue month.
- Payment to Supplier from National Fuel Ohio typically is made within three days of issuance of the monthly invoice statement via wire.
- Payment from Supplier to National Fuel Ohio is due within five days of receipt of the electronic monthly invoice statement.

Choice Supplier Billing, Continued

Receivables

- National Fuel Ohio will purchase 100% of the Choice Supplier receivables without discount so long as National Fuel Ohio has continuing authority pursuant to Commission Entry to seek recovery for unpaid customer receivables.
- Customer Billed Supply Charges and Customer Billed Supply Tax Charges (i.e. Receivables) are credited to the Supplier's bill monthly.
 - The dollars reflect the dollars billed to customers the previous revenue month.
 - National Fuel Ohio bills on a 21-cycle basis. Receivables for April will be paid in May.

Choice Supplier Billing, Continued

Bill Detail Report

- Sent via e-mail and reflects the charges billed to their customers for the preceding revenue month (i.e. breakdown of receivables by customer).
 - Suppliers will need Excel 2007 in order to receive this file. The file will consist of the following information:
 - Customer's account number
 - Rate (Supplier's rate code)
 - Charge
 - Tax Rate
 - County Code
 - Tax Charge
 - CcfAmount
- Please note that the usage associated to the receivables is based on a revenue month, and the usage used in the monthly reconciliation of deliveries is calendarized usage.

Choice Supplier Billing, Continued

Choice Supplier Monthly Charges include the following:

- Choice Eligible Customer Account List Fee
 - Annual Option - \$.08 charge for each account included on the initial list, with updated lists provided the three subsequent quarters at no additional cost.
 - Quarterly Option - \$.05 charge for each account included on the list. Such lists shall be available quarterly.
 - Nomination Error Charge - A \$0.50 per Dth charge based upon the quantity difference between the Choice Supplier's daily pipeline nomination and the pipeline daily confirmed volume delivered to National Fuel Ohio, for each day of difference.
 - This fee is not charged if the difference is due to pipeline allocations or cut volumes.
- DDQ Non-Compliance Charge - A \$15.00 charge per Dth fee for the daily difference between the Supplier's DDQ and the aggregate deliveries which includes scheduled storage withdrawals.
 - This fee is not charged if the difference is due to pipeline allocations.
- City-Gate Allocation Non-Compliance Charge - A \$5.00 charge per Dth for any daily city-gate scheduled nomination less than the minimum or greater than the maximum city-gate allocation requirement stated on the DDQ.
 - This fee will not be charged if National Fuel Ohio cuts scheduled deliveries greater than the maximum allowed at the city-gate.
- OFO Non-Compliance Charge - A \$35.00 per Dth charge for any volumes over or under the specified restriction.

Choice Supplier Billing, Continued

- Non-Compliance charges will apply as normal to volumes outside of the daily delivery, city-gate, and storage requirements that are not affected by the Operational Flow Order.
- Storage Non-Compliance Charge –
 - A \$35.00 per Dth charge for each occurrence during the term of the contract.
 - Supplier is considered in default upon the fifth occurrence.
 - Charges apply to any volumes greater than the National Fuel Ohio-established maximums or less than the National Fuel Ohio-established minimums for the daily injection and/or withdrawal requirements.
 - Charges will apply daily for any volumes less than the daily minimum storage inventory requirements.
- In the event that TCO allows daily over-injection or over-withdrawal rights, Company shall not impose the Storage Non-Compliance Charge on any volumes injected or withdrawn less than the minimum or greater than the maximum daily injection limits set by Company. However, over-injection and over-withdrawal rights do not preclude the TCO Storage Holders from maintaining their daily storage levels within the minimum limitations set by the Company.

Choice Supplier Billing, Continued

- Related Charges - Supplier shall reimburse National Fuel Ohio for all charges National Fuel Ohio incurs in connection with interstate pipeline transportation of Choice Supplier-Delivered Gas including any gas costs, penalty charges, or cash-outs.
- System Balancing Charge - Because the Suppliers' TCO storage accounts are used to balance the system including the Large Transporters, the imbalance gas costs and premiums payable by/to the Transporters will be allocated among the Suppliers based on their portion of TCO storage (monthly CRP) in addition to other non-compliance charges.
- Monthly Reconciliation Charge - The price utilized will be the IFERC Gas Market Report First-of-the-month price for Columbia Gas Transmission Corp, Appalachia with retention and firm commodity rate included.
- Alternate Peaking Supplies Charge - The cost of alternate supplies provided by Company for SCO/Choice Supplier as set out in the Allocation of Alternate Supplies section of the SCO Supplier Service Terms and Conditions.
- The actual costs of the alternate supply provided by Company hereunder shall be allocated to Choice and SCO Suppliers.
- POLR Charge – Any charges associated with providing provider of last resort services due to the default of Supplier.

Reconciliation

- SCO and Choice Suppliers' deliveries will be reconciled to their supply requirements and cashed-out on a monthly basis.
- On a monthly basis, Company will compare each Supplier's Deliveries to the Supplier's Pool and Allocated Requirements to determine the Supplier's Monthly Reconciliation Volumes.
 - The Supplier's Deliveries will be the sum of the Supplier's confirmed deliveries to the city-gate, its no-notice storage activity, and its allocated share of alternate peaking supply.
 - The Supplier's Pool Requirements will be determined by adjusting the Supplier's Pool's actual billed usage for annual Standard Btu Value and the UAFG % identified in National Fuel Ohio's Tariff.
- The Supplier's Allocated Requirements will include the Supplier's portion of Large Transporter Imbalance volumes (sum of their deliveries minus National Fuel Ohio tariff unaccounted for gas percentage minus usage converted to Dth using National Fuel Ohio's monthly average BTU), National Fuel Ohio Line Pack changes, and National Fuel Ohio Operational Balancing Agreement (OBA) volume changes.
- The reconciliation cash-out price for each month will be the IFERC Gas Market Report First-of-the-month price for Columbia Gas Transmission Corp, Appalachia plus applicable variable costs including fuel retention and pipeline variable charges.

Reconciliation, Continued

- The sum of the monthly reconciliation cash-out amounts, plus any applicable taxes, will be the monthly cash-out credit or charge.
 - The monthly cash-out charge or credit will be recovered/passed back in the Exit Transition Cost (ETC) Rider charged to the customers.
- Such reconciliations will be performed the second month following the end of the last month of flow in each SCO Phase in order to have sufficient time to obtain all billed usage for the applicable period and prior usage adjustments.
- Monthly Volume Reconciliation statements remain subject to revision based on any corrections to underlying data and any issues identified in the annual ETC Audits.

Reconciliation Calculation Example

1	Confirmed Deliveries
2	Allocated Peaking Supply
3	Auto Balancing Activity
4	Total Supplied (lines 1+2+3)
5	Pool Usage (MCF)
6	Standard BTU
7	Pool Usage (Dth) (lines 5*6)
8	Pool Requirements (line 7/-UAFG%)
9	Allocated LGT Imbalance (Deliveries minus shrink minus usage)
10	Allocated Pipeline OBA Change
11	Allocated Line Pack Change
12	Total Requirements (lines 8-9-10-11)
13	Reconciliation Volumes (line 4-12)
14	Reconciliation Price (first of the month Columbia Appalachia plus TCO fuel and Commodity)
15	Reconciliation Amount (lines 13*-14)

Pool usage shall be the Pool's billed usage using the monthly Energy Conversion Factor.

Reconciliation Timeline Example

- Supplier bill issued in May
 - Non-Compliance charges for Supplier's April deliveries
 - Billed receivables – April usage billed in April
- Supplier bill issued in June
 - Non-Compliance Charges for Supplier's May deliveries
 - Billed receivables – April and May usage billed in May
 - Reconciliation volumes for April
 - Allocation of credits/charges for non-compliance charges from all SCO/Choice Suppliers, and cash-outs and premiums from Large Transporters for April activity.

Reconciliation Timeline Example, Continued

Annual Phase - April 1 thru March 31			
Month customer receivables billed	Gas Flow	Bill Month (by the 25th)	Reconciliation Month
January	January	February	December reconciliation Allocation of cash-outs, premiums, and non-compliance penalties charged in December
February	February	March	January reconciliation Allocation of cash-outs, premiums, and non-compliance penalties charged in January
March	March	April	February reconciliation Allocation of cash-outs, premiums, and non-compliance penalties charged in February
Remaining March bills that bill in April		May	March reconciliation Allocation of cash-outs, premiums, and non-compliance penalties charged in March
Start of Annual Phase			
April	April	May	

Note: Allocation of cash-outs, premiums, and non-compliance penalties includes those billed to SCO Suppliers, Choice Suppliers and Large Transporters

Provider of Last Resort (POLR)

- In the SCO Phase, the POLR responsibility will include temporarily providing supply to cover SCO tranche loads in the event of an SCO Supplier default. The SCO Supplier Agreement and relevant tariff sheets will hold the defaulting SCO Supplier financially responsible.
- Defaulting Suppliers will be required to reimburse for any incremental POLR costs incurred.
- National Fuel Ohio, SCO Suppliers, Choice Suppliers, and Large Transporters/ Pool Operators would all be involved.
- National Fuel Ohio will act as POLR Coordinator, identifying the need for POLR supply and notifying the non-defaulting SCO and Choice Suppliers.

Provider of Last Resort (POLR), Continued

In the event of Supplier default, National Fuel Ohio will take the following short-term action with regard to obtaining POLR supply:

- SCO/Choice Suppliers collectively will provide supply to meet POLR needs, using their individual TCO storage inventories. The withdrawn storage inventory will be subsequently replaced with the cost assessed to the defaulting Supplier.
- If National Fuel Ohio determines that the daily quantity of gas needed due to Supplier default(s) may affect the reliability of the system, an OFO will be issued, to ensure that Large Transporters/Pool Operators are delivering enough supply for their Transport Customer load during the POLR period.
- Next, as soon as possible, all transportation and storage capacity released to the defaulting Supplier will be recalled by National Fuel Ohio who will use it to meet some portion of the immediate needs of the defaulting Supplier's customers. National Fuel Ohio will claim the defaulting Supplier's storage inventory, as needed, to meet the defaulting Supplier's customer loads.
- National Fuel Ohio will fill any remaining shortfall through acquiring additional temporary capacity and supply or city-gate delivered gas.
- National Fuel Ohio will coordinate the provision of POLR service for the remainder of the billing month in which the default occurs, and the subsequent month, or until an alternate solution is effectuated.

Provider of Last Resort, Continued

- In the event of Supplier removal, National Fuel Ohio will take the following action with regard to an alternate solution:
 - If a Choice Supplier defaults, per the Choice Tariff, National Fuel Ohio will offer non-defaulting Choice Suppliers the option of assuming the customers of the defaulting Supplier. If there are no takers, the customers will revert to SCO service.
 - If an SCO Supplier defaults or Choice Suppliers do not assume the customers of a removed Choice Supplier:
 - a) The remaining SCO Suppliers loads will be increased to cover the defaulted load on a pro rata basis. Such incremental load will be limited to 50% of initial Tranches awarded.
 - b) For the portion of increased load quantity greater than 50% of initial Load Tranches awarded to remaining SCO Suppliers, Company shall solicit non-defaulting SCO Suppliers to serve the defaulted load through the end of the current SCO Phase at the SCO price established in the auction governing the current SCO Phase.
 - c) If assignment to SCO Suppliers under part (a) and voluntary solicitation under part (b) does not accommodate assignments of the entire load of the removed SCO Supplier, Company shall solicit non-defaulting Choice Suppliers to serve the defaulted load through the end of the current SCO Phase unless Customer enters into a contract with a Choice Supplier.
 - d) If after taking the above actions unserved SCO load remains, the remaining unserved load will be assigned to a new SCO Supplier based on an accelerated auction process.
 - e) The removed SCO Supplier will be responsible for all costs associated with (a) through (d) as described herein.

Directed Delivery Quantity (DDQ)

- DDQ's will typically be posted no later than 9:00 a.m. Central Clock Time (CCT) for the gas day beginning 9:00 a.m. CCT the following day.
- The DDQ's will be the sum of:
 - The Expected Demand of the Suppliers' tranches or customer load for that gas day, plus;
 - System UAFG quantities based on National Fuel Ohio's UAFG Percentage, plus;
 - Any necessary adjustments for interstate pipeline and/or National Fuel Ohio operating constraints.
- National Fuel Ohio will post the Suppliers' Expected Demands for the subsequent four days as well as the Heating Degree Days (HDD's) used to calculate the Expected Demands.
 - Expected Demands are subject to change, and may or may not result as the actual DDQ for that date
- At the time of posting the DDQ, National Fuel Ohio will indicate:
 - The minimum and maximum (or exact) Dth quantity required to be delivered by Supplier to each National Fuel Ohio city gate to achieve the DDQ
 - The minimum and maximum TCO storage injection and withdrawal quantities

Viewing DDQ's

- View the total Directed Delivery Quantity (DDQ) and the DDQ by City Gate.
- –Enter *Gas Day*
- –Enter *Pool*
- –Click *Retrieve*
- •Choice/SCO Suppliers will deliver according to their pipeline/city gate minimum and maximum volumes and total volume specified on their pool's DDQ.
- •Ohio DDQ's will display the pool's Capacity Release Percentage (CRP) and the Average BTU factor.
- •Click on the Forecast Tab to view the “Five Day Forecast” and the “Daily Storage Tolerances” (Ohio Only).
- –Min/Max Storage Withdrawals and Storage Injections volumes
- All Choice/SCO Suppliers must nominate TRANSPORTATION nominations to the pipeline/city-gate combinations within their min and max delivery requirement totaling to their DDQ:

Daily DDQ Requirements - Vectren Energy Delivery of Ohio

Gas Day: 05/01/2018

Pool: CONVERGENCE POWER MARKETING/CHIVEDO

Retrieve

Print

Help

Average BTU Factor: 1.071

Capacity Release % (CRP): 114334

Customer Assumptions

Customer Type	Customer Count	Timestamp
Choice Small Gas Transportation Accounts	35,736	4/30/2018 12:02 PM
Choice General Gas Transportation Accounts - Small	3,118	4/30/2018 12:02 PM
Choice General Gas Transportation Accounts - Large	164	4/30/2018 12:02 PM
TOTALS	39,018	

Gas Day Detail

Forecasts

DDQ

Requirement	DDQ	Timestamp
DDQ (dth)	2,284	4/30/2018 12:02 PM
Utility Peaking Supply	0	4/30/2018 12:02 PM
CBA and Other Adjustments to Supply	0	4/30/2018 12:02 PM
Forecast Demand Calibrated to Meet System Required Supply	2,284	4/30/2018 12:02 PM

DDQ By City Gate

Citygate	Min	Max	Timestamp
Clinton, OH (Gano Rd)	143	143	4/30/2018 12:02 PM
Derby	0	1,142	4/30/2018 12:02 PM
Lebanon/Fred Lion (Lebanon Lateral)	0	1,142	4/30/2018 12:02 PM
Market Area 33-3	1	1	4/30/2018 12:02 PM
Market Area 33-6	437	1,485	4/30/2018 12:02 PM
Pinnacle Rd	9	2,000	4/30/2018 12:02 PM
Rural	114	114	4/30/2018 12:02 PM
VEDO Grp-1	822	1,348	4/30/2018 12:02 PM

Daily Storage Tolerances

Gas Day	Min W/D	Max W/D	Min Iq	Max Iq	Timestamp
05/01/2018	0	4,749	0	4,313	5/1/2018 12:19 PM

Gas Day Detail

Forecasts

Five Day Forecast

Gas Day	DDQ (dth)	HDD	Type	Timestamp
04/30/2018	0	Actual		4/30/2018 12:02 PM
05/01/2018	2,284	0	Estimated	4/30/2018 12:02 PM
05/02/2018	1,874	0	Estimated	5/8/2018 12:02 PM
05/03/2018	1,886	0	Estimated	5/8/2018 12:02 PM
05/04/2018	2,116	3	Estimated	5/8/2018 12:02 PM
05/05/2018	2,652	6	Estimated	5/8/2018 12:02 PM

Daily Storage Tolerances

Gas Day	Min W/D	Max W/D	Min Iq	Max Iq	Timestamp
05/01/2018	0	4,749	0	4,313	5/1/2018 12:19 PM
05/02/2018	0	4,749	0	4,313	5/31/2018 12:19 PM
05/03/2018	0	4,749	0	4,313	5/31/2018 12:19 PM
05/04/2018	0	4,749	0	4,313	5/31/2018 12:19 PM
05/05/2018	0	4,749	0	4,313	5/31/2018 12:19 PM

Heating Degree Days (HDD)

- Forecasted and Actual HDD and DDQ information by Gas Day.
- –View *Forecast*, *Actual*, or *Both*
- •Go to *Forecasting & Actuals>Daily DDQ Forecast & Actual*
- –Enter *Gas Month*
- –Enter *Pool*
- –Click *Retrieve*
- •HDD information can also be found on the *Forecast & Actual Weather* page.
- •Go to *Forecasting & Actuals >Forecast & Actual Weather*
- –Enter *Gas Month*
- –Click *Retrieve*

Daily DDQ Forecast & Actual - Vectren Energy Delivery of Ohio

Gas Month: 03/2018 Weather Station: All Operating System: All Post: CONVERGENCE POWER MARKETING/CHVEDO

Print Export Help

Forecast Actual Both

All Volumes in Dth at the Citygate

Gas Day	Day of Week	Number of Service Point IDs	Forecast		Actual	
			HDDs	DDQ	HDDs	DDQ
VEDO - VEDO - CONVERGENCE POWER MARKETING/CHVEDO						
03/31/2018	Saturday	40118	22	12,638.00	23	
03/31/2018	Saturday	40118	22	12,638.00	23	
03/30/2018	Friday	40118	25	13,957.00	25	
03/30/2018	Friday	40118	25	13,957.00	25	
03/29/2018	Thursday	40118	18	10,854.00	18	
03/29/2018	Thursday	40118	18	10,854.00	18	
03/28/2018	Wednesday	40118	11	6,417.00	13	
03/28/2018	Wednesday	40118	11	6,417.00	13	
03/27/2018	Tuesday	40118	12	8,606.00	13	
03/26/2018	Monday	40118	24	15,392.00	21	
03/25/2018	Sunday	40118	31	19,326.00	31	

Forecast & Actual Weather - Vectren Energy Delivery of Ohio

Gas Month: 03/2018 Operating System: All Weather Type: All Retrieve

Print Export Help

Gas Day	Day of Week	Forecast HDD	Forecast HDD Date	Actual HDD	Actual HDD Date
VEDO - VEDO					
3/31/2018	Saturday	22	3/31/2018 12:00 AM	23	3/31/2018 12:00 AM
3/30/2018	Friday	25	3/30/2018 12:00 AM	25	3/30/2018 12:00 AM
3/29/2018	Thursday	18	3/29/2018 12:00 AM	18	3/29/2018 12:00 AM
3/28/2018	Wednesday	11	3/28/2018 12:00 AM	13	3/28/2018 12:00 AM

Nomination Status and Timelines

Nomination Cycles Effective April 1, 2016		
	Time Shifts -- All times CCT	Nomination Deadline
Timely	Timely (Day-Ahead) Nomination Deadline	1:00 PM
Timely 2	Evening (Day-Ahead) Nomination Deadline	6:00 PM
Intraday 1	ID1 (Current Day) Nomination Deadline	10:00 AM
Intraday 2	ID2 (Current Day) Nomination Deadline	2:30 PM
Intraday 3	ID3 (Current Day) Nomination Deadline	7:00 PM
TCO No-Notice	No-Notice (Previous Day) Nomination Deadline	12:00 PM CST

- All noms EXCEPT Storage Withdrawal and Storage Injection, can be edited until the end of the Intraday3 status.
- Storage Injection and Storage Withdrawals can be entered/edited until the end of the TCO No-Notice status.

Nomination & Balancing Provisions

- Nominations must be submitted daily by 1:00 p.m. CST, one day prior to gas flow via GTS.
 - Large General Transportation nominations are due on Friday for Saturday, Sunday and Monday's flows, and on the last business day prior to Company observed holidays.
 - Company may accept nominations submitted after the deadlines within its reasonable discretion.
 - All Suppliers should be utilizing the variance reports on GTS to ensure all deliveries are within Company's city-gate requirements.
 - Gas Transportation Operations will typically notify Suppliers of variances as a courtesy; however, notification is not guaranteed, and all city-gate non-compliant deliveries are subject to penalty.
 - Company will not waive city-gate non-compliance charges due to the lack of due diligence by the Supplier in identifying and addressing nomination and city-gate variances.
 - Gas Transportation Operations will typically notify Suppliers of scheduling errors as a courtesy; however, notification is not guaranteed. It is the Supplier's responsibility to ensure the correct volumes are scheduled correctly, and in a timely manner. This includes any third-party deliveries to your pool(s).

Pipeline/GTS Nomination Variances

- Company's confirmation process:
 - By 3:30 p.m. CT – Suppliers may view their confirmed timely nominations via GTS delivery reports.
 - Scheduled volumes will be updated to match the pipe if a discrepancy between GTS and the pipe occurs.
 - Once all nominations are confirmed, GTS will send automated emails to advise of any known discrepancies at that time.
 - To correct nominations submitted on GTS, Supplier must edit the nominated volume to match what is on the pipe, if correct, or advise GT Operations that the nominated volume is correct.
 - A nomination error charge of \$0.50 per Dth will be assessed on the delivery difference between the nomination made to Company and the pipeline nomination.

Intraday Nominations/Retro Nominations

- Intraday changes are acceptable for rescheduling due to pipeline cuts. Intraday nomination changes on the day of flow are subject to Company's approval, and for just cause. Suppliers are advised to keep intraday changes to a minimum.
- Retro Nominations are subject to Company's approval. Suppliers must submit a Retro Nomination in GTS and are required to enter an adequate note explaining why the Retro Request is being made. Lack of sufficient details will result in denial of the Retro Request.

Nomination Types

- TRANSPORTATION
 - Requires selection of a pipeline
 - Requires selection of a city-gate
 - Nomination status will default based on the time submitted
 - Contract number is required
- STORAGE INJECTION AND STORAGE WITHDRAWAL
 - Requires selection of Columbia pipeline.
 - Requires selection of city-gate
 - Columbia restricted to Market Area 33-6
 - Contract Number is required.
 - No-Notice Nominations can only be made for Columbia Storage Injections and Withdrawals.
 - No-Notice nominations may be made to Supplier's scheduled storage withdrawal nominations by National Fuel Ohio via TCO's EBB by noon for the prior day's flow if such SCO/Choice Supplier has not delivered adequate supplies to meet its DDQ or has not met its TCO minimum city-gate allocation delivery volume. These no-notice nominations are necessary to lessen the impact to other SCO and Choice Suppliers' system imbalance allocations.
- OFF-SYSTEM STORAGE WITHDRAWAL
 - Does not require a city-gate or contract number.
 - No-Notice nominations cannot be made on Off-System Storage Withdrawals.
 - All off-system storage withdrawals must be nominated to National Fuel Ohio via the Marketer Extranet.
 - Must be entered into GTS
 - Lack of entry will result in a Nomination Error Charge on the off-system withdrawal volume
 - Off-System storage withdrawal volumes entered in GTS should be the TCO storage volume minus TCO's withdrawal loss.

Columbia Imbalance Report

- The Columbia Imbalance Report details out on a daily basis what the no-notice storage activity is

Columbia Imbalance Report - Vectren Energy Delivery of Ohio

Gas Month: 06/2018

Gas Day	33-3 Nominations			33-6 Nominations			Total 33-6	Total Nominations	33-3 Measurement	33-6 Measurement	Total Measurement	Auto Bal W/D	Auto Bal Drg	Total Auto Bal.
	Choice	SCO	Total 33-3	Choice	SCO	LOT								
06/01/2018	17	5	22	2,938	3,726	24,101	30,765	30,787	302	28,564	28,866	0	1,921	(1,921)
06/02/2018	17	5	22	2,973	3,901	31,640	38,514	38,536	287	36,710	36,997	0	1,539	(1,539)
06/03/2018	17	5	22	3,361	4,506	31,252	39,119	39,141	212	35,922	36,134	0	3,007	(3,007)
06/04/2018	17	5	22	3,089	4,723	33,336	41,148	41,170	199	36,185	36,384	0	4,786	(4,786)
06/05/2018	17	5	22	1,983	3,023	34,049	39,055	39,077	232	41,130	41,362	2,285	0	2,285
06/06/2018	17	5	22	1,346	1,662	35,390	38,398	38,420	277	41,010	41,287	2,867	0	2,867
06/07/2018	17	5	22	2,702	3,457	39,032	45,191	45,213	267	43,168	43,435	0	1,778	(1,778)
06/08/2018	17	5	22	2,711	3,518	39,054	45,283	45,305	263	41,670	41,933	0	3,372	(3,372)
06/09/2018	17	5	22	2,973	3,872	38,052	44,897	44,919	248	45,299	45,547	628	0	628
06/10/2018	17	5	22	2,016	2,511	30,191	34,718	34,740	190	34,163	34,353	0	387	(387)
06/11/2018	17	5	22	2,322	3,529	28,376	34,227	34,249	185	30,163	30,348	0	3,901	(3,901)
06/12/2018	17	5	22	2,571	4,045	29,112	35,728	35,750	219	35,335	35,554	0	196	(196)
06/13/2018	17	5	22	1,566	2,024	30,393	33,963	34,005	264	36,075	36,339	2,334	0	2,334
06/14/2018	17	5	22	1,708	2,133	29,689	29,530	29,552	182	26,465	26,647	0	2,905	(2,905)
06/15/2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/16/2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/17/2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/18/2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/19/2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/20/2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/21/2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/22/2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/23/2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/24/2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/25/2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/26/2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/27/2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/28/2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/29/2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/30/2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/31/2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	238	70	308	34,259	46,630	449,667	530,556	530,864	3,327	511,859	515,186	8,114	23,792	(15,678)

Storage Balance Management

- Each day you can view:
 - Injections
 - Withdrawals
 - Off-System Storage Withdrawals
 - Withdrawal Autobalance
 - Injection Autobalance
 - Ending Balance
- Totals are displayed at the bottom
- Report has Download to Excel capability

Storage Balance Management - Vectren Energy Delivery of Ohio

Gas Month: 05/2018 Pool: All Retrieve

Print Export Help

Gas Day	Withdrawal	Withdrawal Off System Volume	Injection Volume	Withdrawal Autobalance	Injection Autobalance	Ending Balance
05/01/2018	2	0	14,544	1,812	0	385,363
05/02/2018	2	0	14,544	0	1,438	401,343
05/03/2018	2	0	14,544	0	2,632	418,517
05/04/2018	2	0	14,544	0	392	433,451

Storage Balance Management - Vectren Energy Delivery of Ohio

Gas Month: 05/2018 Pool: CONVERGENCE POWER MARKETING/COV/EDD Retrieve

Print Export Help

Gas Day	Withdrawal	Withdrawal Off System Volume	Injection Volume	Withdrawal Autobalance	Injection Autobalance	Ending Balance	Aug. Daily Balance	Calculation Type	Timestamp
05/01/2018	1	0	7,272	768	0	151,150	151,150	System Calculated	05/11/2018 08:47 AM
05/02/2018	1	0	7,272	0	556	158,976	155,064	System Calculated	05/11/2018 08:47 AM
05/03/2018	1	0	7,272	0	1,021	167,271	158,131	System Calculated	05/11/2018 08:47 AM

Storage Balance Management - Vectren Energy Delivery of Ohio

Gas Month: 05/2018 Pool: CONVERGENCE POWER MARKETING/COV/EDD Retrieve

Print Export Help

Gas Day	Withdrawal	Withdrawal Off System Volume	Injection Volume	Withdrawal Autobalance	Injection Autobalance	Ending Balance	Aug. Daily Balance	Calculation Type	Timestamp
05/01/2018	1	0	7,272	1,109	0	234,213	234,213	System Calculated	05/11/2018 08:47 AM
05/02/2018	1	0	7,272	0	880	242,384	238,188	System Calculated	05/11/2018 08:47 AM
05/03/2018	1	0	7,272	0	1,811	251,246	242,901	System Calculated	05/11/2018 08:47 AM
05/04/2018	1	0	7,272	0	340	258,751	248,043	System Calculated	05/11/2018 08:47 AM
05/05/2018	1	0	7,272	258	0	265,770	250,470	System Calculated	05/11/2018 08:47 AM
05/06/2018	1	0	7,272	282	0	272,798	254,184	System Calculated	05/11/2018 08:47 AM
05/07/2018	1	0	7,272	0	1,171	282,201	258,187	System Calculated	05/11/2018 08:47 AM
05/08/2018	1	0	7,272	0	1,199	290,471	262,247	System Calculated	05/11/2018 08:47 AM
05/09/2018	1	0	7,272	0	1,089	298,540	268,310	System Calculated	05/11/2018 08:47 AM
05/09/2018	1	0	7,272	0	817	301,210	271,825	LOC Entered	05/11/2018 08:30 AM

Storage Summary

Each day you can view:

- Beginning Balance
- Ending Balance
- SCQ
- Recommended Balance
- Minimum Required Balance
- Variance from Required
- % Full

Storage Summary - Vectren Energy Delivery of Ohio

Gas Month: 06/2018 Pool: All Retrieve

Print Export Help

Gas Day	Beginning Balance	Ending Balance	SCQ	Recommended Balance	Minimum Required Balance	Variance from Required	% Full
06/01/2018	819,725	810,511	2,237,335	55,933	0	0	36.23 %
06/02/2018	810,511	803,397	2,237,335	55,933	0	0	35.91 %
06/03/2018	803,397	796,124	2,237,335	55,933	0	0	35.58 %
06/04/2018	796,124	785,545	2,237,335	55,933	0	0	35.11 %

Storage Summary - Vectren Energy Delivery of Ohio

Gas Month: 06/2018 Pool: CONVERGENCE POWER MARKETING/CH/VEDO Retrieve

Print Export Help

Gas Day	Beginning Balance	Ending Balance	SCQ	Recommended Balance	Minimum Required Balance	Variance from Required	% Full	Timestamp
06/01/2018	316,414	312,856	863,611	21,590	0	0	36.23 %	07/11/2018 06:51 AM
06/02/2018	312,856	310,109	863,611	21,590	0	0	35.91 %	07/12/2018 06:51 AM
06/03/2018	310,109	307,300	863,611	21,590	0	0	35.58 %	07/13/2018 06:51 AM
06/04/2018	307,300	303,215	863,611	21,590	0	0	35.11 %	07/14/2018 06:51 AM

02/09/2018	1,807	1,805	5,996	1,799	1,799	0	30.10 %
02/10/2018	1,805	1,778	5,996	1,799	1,799	(21)	29.65 %
02/11/2018	1,778	1,735	5,996	1,799	1,799	(64)	28.94 %
02/12/2018	1,735	1,724	5,996	1,799	1,799	(75)	28.75 %

Events

The Events screen allows you to search for:

- Cold OFO's
- Cold OFO's with Storage Restrictions
- Warm OFO's
- Warm OFO's with Storage Restrictions
- Curtailments

Event Management - Vectren Energy Delivery of Ohio

Start Date: 03/01/2019 End Date: 03/31/2019 Operating System: VEDO Retrieve

+ Add New Print Export Help

Start Date: 03/01/2019 End Date: 03/31/2019 Operating System: VEDO

Priority 1: Individual Operating System and Individual Program Type
Priority 2: Individual Operating System and All Program Types
Priority 3: All Operating Systems and All Program Types

Event	Program Type	Imbalance Type	Operating System	Start Date	End Date
AS	All		All		
GFO	All	Cold OFO with Storage Restrictions	VEDO	03/01/2019	03/07/2019

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