

Reference Manual

CHOICE® Program

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I. Program Information

Reference Material

The information and instructions in this manual are in keeping with the Rules and Regulations set forth in the following three documents:

- Columbia Gas of Ohio Tariff
- House Bill 9
- [Ohio Administrative Code \(Utilities\)](#)

Code of Conduct

Suppliers or Governmental Aggregators participating in Columbia's Customer Choice SM Program shall:

Conduct its competitive retail natural gas service activities consistent with the Ohio Administrative Code and the Commission's Minimum Standards for Competitive Retail Natural Gas Services.

Review House Bill 9 Rules for full Code of Conduct rules.

Program Overview

CHOICE Program

Eligibility

Customers using less than 6,000 Mcf a year or are human needs are eligible for Choice.

Enrollment

Electronically through the COH File Exchange site. Customers can sign a consent form, enroll via the Internet, or be enrolled telephonically through recorded voice verification.

Gas Deliveries

- ✓ Required to use Aviator to nominate on COH system.
- ✓ Follow Demand and Supply Curves as specified in the COH Tariff.
- ✓ Make deliveries by using Pipeline Scheduling Point.
- ✓ Firm Transportation is required.
- ✓ Capacity Storage and Balancing Fees.
- ✓ Supplier Aggregation pools are required.

Rate Schedules

FRSGTS: Full Requirements Small General Transportation Service

FRGTS: Full Requirements General Transportation Service

FRLGTS: Full Requirements Large Transportation Service

FRCTS: Full Requirements Cooperative Transportation Service

Billing

Customers are billed nightly. Suppliers are billed after all the meters have been read or calculated for the billing cycle and nominations have been confirmed, approximately the 6th working day of the month.

Governmental Aggregation (GA)

In Ohio, communities such as townships, cities, and counties are, by law, allowed to form aggregated buying groups. A formed group is called a governmental aggregation (GA). The purpose of this group is to provide these aggregated customers the opportunity of more “buying power” by soliciting the lowest price for their gas needs.

For more information, please visit the Ohio Public Utilities Commission website listed below:

<https://www.puco.ohio.gov/>

Who is Eligible?

Columbia Gas of Ohio proudly offers Certified Retail Natural Gas Suppliers (CRNGS) the ability to provide governmental aggregation gas services to customers under the CHOICE[®] program. All customers eligible for CHOICE[®] may also participate in governmental aggregations under the condition that the communities these customers reside in are PUC certified aggregations.

Intend to Serve an Aggregation?

For CRNGS unfamiliar or new to governmental aggregations, below is the information vital to start service for a brand-new aggregation or become a new provider to an existing aggregation:

Notify Columbia

- Upon winning a bid to serve a community, **CRNGS are to notify Columbia Gas no later than 45 days prior to intended enrollment month**. Failure to do so may result in delayed service start dates for customers.

Governmental Aggregation List *(available for purchase upon request)*

- If the retail natural gas supplier chooses to purchase a list, Columbia Gas must be provided with an executed Certified Retail Natural Gas Supplier Customer Information Agreement. Supplier must submit the aggregation list request via eFTP.
 - Cost for the list is \$0.07 per record for the first list released each year, and \$0.02 per record for up to three quarterly lists thereafter. Costs are deducted from the supplier receivables.
 - List is prepared using real time data, on a best effort basis, and based on the information available in Columbia’s customer information system at the time of processing.

- Applicant is responsible to review and scrub the customer list provided by Columbia to ensure compliance with all applicable legal and regulatory requirements.
- For more information on how to request a GA list please review our [Ohio Choice File Layout](#) guide on requesting lists.
- What information is provided in the Governmental Aggregation List?
 - Customer Name
 - Customer Service Address
 - Customer Mailing Address
 - Customer Account Number
 - Customer Billing Unit
 - Consumption Unit of Measure
 - Total Annual Consumption
 - Twelve Month's Consumption (broken out by month)
- Different types of Government Aggregation List
 - GA Legacy List Includes:
 - All eligible customers
 - Excludes those already enrolled in a GA
 - GA Eligible List Includes:
 - All eligible customers
 - Includes those already enrolled in a GA
- All approved list result files will be transferred to the supplier's CMP Folder.
- Governmental Aggregators and Brokers may request a customer list or generic load pattern information by providing an executed Governmental Aggregator Customer Information Agreement or Retail Natural Gas Broker Customer Information Agreement.
 - Governmental Aggregators and Brokers who wish to request the customer list would need to provide the following requirements:
 1. PUCO Certification must not be suspended or revoked
 2. Submission of \$250.00 administration fee
 3. Completion of File Exchange Testing
 4. Purchase of Governmental Aggregation Eligible Customer List
 - Generic Load Pattern Information will be free of charge and includes total customer count and total annual MCF throughput by customer type.

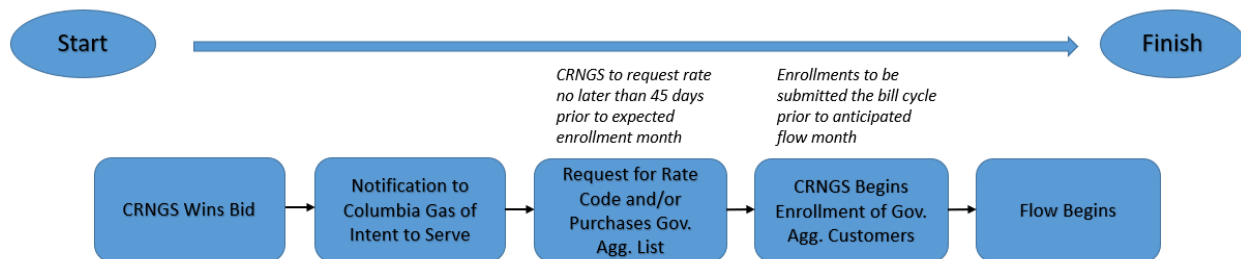
Rate Code(s) for Governmental Aggregation(s)

- CRNGS are required to submit the request for a new rate code no later than **45 days** prior to intended enrollment month. This request may be emailed to choice@nisource.com or the assigned CHOICE[®] Specialist
- Governmental aggregations may choose to have two rate codes assigned to the community. This is due to the **OPT-IN** and **OPT-OUT**

nature of the program. For example, **OPT-IN** will be XXG## while **OPT-OUT** will be XXGXX. These two rate codes will have to reflect the same price to ensure consistency for all customers in the program. For more information, please contact your CHOICE Specialist.

- Like regular Choice rate codes, enrollments follow the rolling enrollment schedule, and it is recommended GA rate codes be requested effective the **month prior to the supplier's intended flow with the community (enrollment month)**.

Exemplary Timeline



Currently Serving an Aggregation?

For CRNGS presently serving aggregations that would like to renew or end their service at the end of their term, below is the information on how to proceed:

Notify Columbia

- CRNGS are required to notify Columbia **no later than 30 days prior to end of term** whether there will be a service renewal or termination.

Termination

- If notifying of termination, Columbia will monitor accounts to ensure a smooth transition for customers, however, it is the suppliers' responsibility to submit drops for their accounts.

Renewal

- If notifying of renewal, suppliers are responsible for any changes necessary to continue service.
- Refreshed lists for renewals are available for purchase.
- For renewals, no new rate codes will be issued, and it is the suppliers' responsibility to update pricing. For a timeline on when to submit the price update, please refer to the RRQ file in the reference manual.

The only exception to this is for communities that are moving from one rate type to another such as NYMEX to fixed pricing.

Standard Choice Offer (SCO)

The Standard CHOICE Offer (SCO) is a commodity service available to CHOICE eligible customers that have not elected a CHOICE supplier and are not being served through a Governmental Aggregation Program.

Columbia's Default Sales Service (DSS) is a Commission-regulated sales service applicable to CHOICE ineligible customers, PIPP customers and transition customers currently not participating in CHOICE or Governmental Aggregation or assigned to a SCO Supplier at the commencement of the billing month.

As a result of the SCO Auction, a winning SCO bidder receives the right and obligation to provide gas commodity for a specified list of CHOICE eligible customers that have not elected a CHOICE Supplier and are not being served through a Governmental Aggregation Program, plus their proportionate share of DSS customer's load.

For more information, please visit the Nisourcesupplier.com website for our [SCO Reference Guide](#) Document.

II. New Supplier Set up

Creditworthiness Requirements

A Supplier desiring to participate in Columbia's Customer Choice SM Program and SCO Program must establish credit levels acceptable in accordance with [Section VII, Part 14 of the Columbia Gas of Ohio \(COH\) Tariff](#). The Supplier will be required to provide the following information as part of the credit evaluation process:

1. All Suppliers must complete and sign the Company's [Retail Natural Gas Supplier Registration Form](#) to be considered for participation in the Columbia Customer Choice Program and SCO Program.
2. It or its parents most recent independently audited financial statements.
3. It and or its parents most recent annual report, 10K or 10Q and current financial statements prepared since the last audited report.
4. A minimum of three bank and trade references.
5. A list of parent company affiliates and corporate structure.

The evaluation will be based on standard credit factors such as previous customer history, financial and credit ratings, trade references, bank references, unused line of credit, financial information and Supplier 's accounts receivable where Columbia is provided a first secured interest.

Based upon the number of standard credit factors met by the Supplier, Columbia will assign a dollar credit level range for each Supplier. Columbia will have sole discretion to determine creditworthiness based on the listed criteria but will not deny creditworthiness without reasonable cause. Columbia may at its option, require the use of any of the following as a form of financial security:

1. A guarantee of payment.
2. An irrevocable Letter of Credit.
3. A cash deposits.
4. Or other mutually agreeable security or arrangement.

A fee of \$50.00 will be assessed for each credit evaluation performed. Columbia reserves the right to conduct additional evaluations at any time during the course of the program.

Please contact the Transportation Support Services Team at transportevaluations@nisource.com or Choice Team at choice@nisource.com for accepted forms of payment.

Choice Supplier Requirements

Suppliers must be licensed by the Public Utilities Commission of Ohio (PUCO)

CHOICE Supplier agrees to execute the necessary agreements which include:

- ✓ [Ohio Retail Natural Gas Broker-Aggregator Registration Application](#)
- ✓ [Ohio Aggregation Agreement](#)
- ✓ [Ohio Billing Option Agreement](#)
- ✓ [Ohio Purchase of Receivable Agreement](#)
- ✓ [ACH Form](#)
- ✓ W-9
- ✓ [Ohio Supplier Logo Agreement](#) (optional) Quarterly Implementation
 - Suppliers and Governmental Aggregators, at the Company's option, may include their Company Logo on bills to their Customers.
 - \$400 set up or logo change fee and \$.015 per end-user invoice fee.
- ✓ [Ohio Supplier Bill Message Agreement](#) (optional)
 - Suppliers and Governmental Aggregators, at the Company's option, may include bill messages on bills to their Customers.
 - \$400 set up or message change fee and \$.05 per end-user invoice fee.
- ✓ [Ohio Contract Portability Election Agreement](#) (optional)
 - Allows Columbia CHOICE customers who transfer natural gas service from one address to another, within Columbia's service territory, to have the ability to transfer their existing CHOICE contract to their new service address.
- ✓ [Ohio Immediate Choice Election Agreement](#) (optional)
 - Allows Columbia customers the option to enroll in the Choice Program at the time "connect" service is requested of Columbia.
- ✓ [CHOICE Program C&I Contract Assignment Form](#) (optional)
 - Allows the assignment of an existing choice contract of a specific Commercial or Industrial (C&I) customer at specified location (premise level) to a new owner/party.

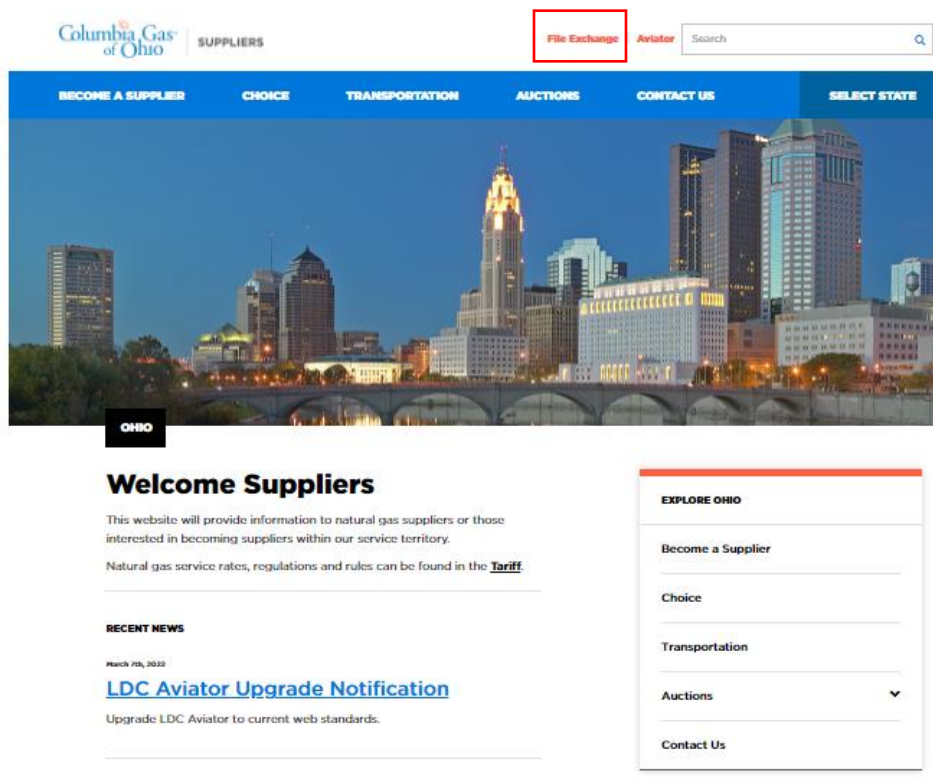
For more information, please contact choice@nisource.com.

The initial set up process can take 60 to 90 days. Please refer to www.nisourcesuppliers.com for the full onboarding checklist. You may use this to check-off objectives as they are completed to ensure you are providing the necessary information to your Choice Specialist for setup completion.

III. Maintenance of Choice Accounts

File Exchange Access

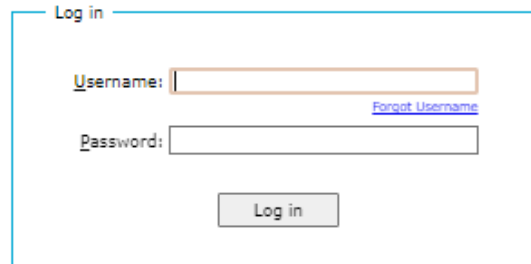
Initial Access to File Exchange via [Columbia Supplier site](#)



Choose the “File Exchange Login” text box.

Next you will be directed to the member file exchange login.

Log on to the File Exchange by entering your user ID and password in their respective boxes. Both fields are **case sensitive**



The screenshot shows a login interface with a blue border. At the top left, it says "Log in". Below this, there are two input fields. The first is labeled "Username:" and has a red border. To its right is a blue link that says "Forgot Username". The second input field is labeled "Password:" and has a grey border. Below these fields is a grey button with the text "Log in".

Note: If you do not have log in information, check with your Choice Specialist to ensure you have completed initial set up.

If you forget your File Exchange log in access, refer back to the Supplier setup sheet provided to you during initial set up. If you are still unable to find your log on information, contact your Choice Specialist or email choice@nisource.com.

For transaction file descriptions, timelines and reference tables, please visit the Nisourcesupplier.com website for the Columbia Gas of Ohio File Layout.

IV. Customer Billing and Rates

Billing Options

Per the COH tariff, there are two billing options for CHOICE Suppliers; consolidated billing or dual billing. They must select the billing option at the time they sign the Choice Aggregation Agreement. Their election can be changed annually. For SCO Suppliers, consolidated billing is the only billing option available.

Dual Billing – Natural Gas Supplier issues a bill for its gas costs and Columbia issues a bill for its transportation costs.

Consolidated Billing - Columbia issues the total bill for gas commodity and transportation costs. Choice Suppliers that have elected consolidated billing have the following rate options.

Bill structure options:

Choice Suppliers will be permitted to have a maximum of 100 billing rate codes.

Fixed rate - per Mcf to be multiplied by Customer's consumption to determine the applicable billing charges.

NYMEX – final settlement price for the month along with the supplier +/- adder value per Mcf to be multiplied by the Customer's consumption determine the applicable billing charge.

Flat rate – total amount per month to be billed to the Customer.

Bill Ready - Supplier sends Columbia a customer specific charge for metered consumption data. Columbia prepares a bill with exact charge and associated rate provided by supplier to the customer.

For more information, please visit the Nisourcesupplier.com website for the [Bill Ready Training and Certification](#) Video.

Sales Tax Exemptions

The Choice/SCO Supplier has the responsibility for identification of the sales tax status of its customers including, but not limited to:

1. Collection and maintenance of certificates of exemption for current and newly assigned/enrolled customers.
2. Identification of governmental Customers exempt from sales tax, but not required to submit certificates of exemption.
3. Submission to the Company via electronic means of information related to the Customers' sales tax exemption status.
4. Processing of retroactive adjustments of bills and pass back of refunds where Customers were exempt from the payment of sales tax, but exemptions were not timely recognized.
5. Responsible for payment to the State of Ohio of all sales taxes on gas costs billed by the Company on behalf of the Supplier for the sale of volumes by that Supplier through Company's Customer CHOICE program and SCO Programs.

If the Company receives a Sales Tax Exemption Certificate, the Company will not process the exemption. Instead, the Company will fax the certificate to the applicable Supplier for processing and record retention.

The Company assumes no responsibility or liability for the Supplier's misapplication of tax-exempt status to a customer. The Supplier shall release, waive and hold the Company harmless for any assessments, penalties, liabilities or claims of any kind whatsoever, related to the Supplier's proper and timely reporting and remitting of sales tax collections to the State of Ohio.

V. Supplier Invoicing

Supplier Invoicing Timeline

Monthly Billing

The Supplier delivers gas on a daily basis and the customers are billed on a 21 unit billing cycle. After all meters have been read or calculated and nominations have been confirmed, the process for billing the RNGS begins approximately the 6th working day of the month.

If the Supplier participates in the Purchase of Receivables Program, the Receivables credit amount will appear on the invoice. Adjustment will be processed to reflect any amount owed Columbia which will be withheld from the Receivables.

Supplier Charges

Offsets for computation of payments to the Choice and SCO Supplier may include, but are not limited to the following:

1. Local Gas Purchase Charge
2. Demand and Supply Curve Non-Compliance Charge
3. Related charges for reimbursement to Columbia for pro rate share of all charges Columbia incurs in connection with interstate pipeline transportation of Supplier-Delivered Gas (if applicable)
4. Credit Evaluation Fee
5. Late Payment Charge
6. Gross receipts taxes, or any other applicable taxes, on amounts billed by Columbia to Suppliers.
7. All other documented amounts which Columbia is entitled to recoup from a Supplier

Annual Reconciliation of Imbalances

On March 31st of each year, Columbia will reconcile the imbalance between the Choice Supplier's deliveries and their customer's actual consumption, including any adjustments applicable for the 12 months ending March 31st.

On March 31st of each year, Columbia will reconcile the imbalance between the SCO Supplier's deliveries and;

- Their SCO customer's actual consumption, including any adjustments applicable for the 12 months ending March 31st
- Plus the allocated DSS customer consumption per Tranche, including any adjustments applicable for the 12 months ending March 31st, multiplied by the number of Tranches for which the SCO Supplier is responsible for providing gas supplies to Columbia.

Supplier's deliveries shall include all nominations confirmed by upstream pipeline to Columbia at the appropriate PSP and the Local Gas Purchase Requirement volumes purchased monthly by the Supplier from Columbia, adjusted as applicable by Columbia's System-Wide Retention Factor and Weighted Average BTU Conversion Factor. The consumption of Choice Aggregation Pools shall incorporate an unbilled adjustment. The SCO consumption shall reflect billed volumes. SCO Suppliers that are also CHOICE Suppliers will be reconciled on a combined basis.

Annual Imbalance Charge

If the imbalance is negative, the Supplier must purchase the deficient volume from Columbia. If the imbalance is positive, the Company will purchase the excess from the Supplier.

The price to be paid (cash out price) to resolve any such imbalance shall be equal to the TCO Monthly Index adjusted for TCO SST retainage, the TCO SST Commodity charge, FSS retainage and the FSS Injection charge.

Annual Reconciliation of Imbalances

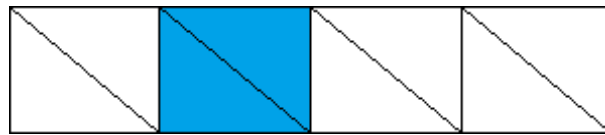
Columbia of Ohio reads meters and bills customers on a billing month basis. The first billing cycle is read just prior to the first day of the month and represents gas consumed, for the most part, in the previous month. The final billing cycle is processed near the end of the month and represents gas consumed primarily in the current month. This is why the billed portions of the current month are represented by the lower left triangle in each calendar month. The upper right triangles represent the unbilled portion of the month, i.e. gas that was consumed but not billed.

The illustrations below show calendar months as rectangles and billing months as parallelograms. Billing months can also be thought of as the previous month's unbilled volume (upper triangle) plus the current month's billed volume (lower triangle).

Billing Month

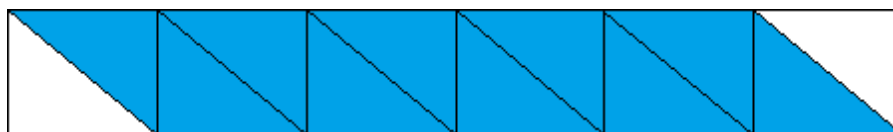


Calendar Month



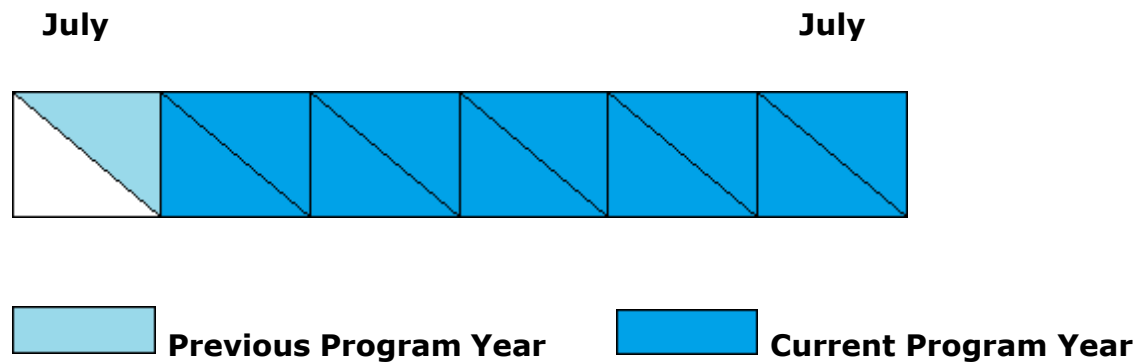
Payments for the program year are made by billing months as represented below. They include compensation for gas delivered during the unbilled portion of March last year, but not for the unbilled portion of March this year. This represents 12 full months of consumption.

March



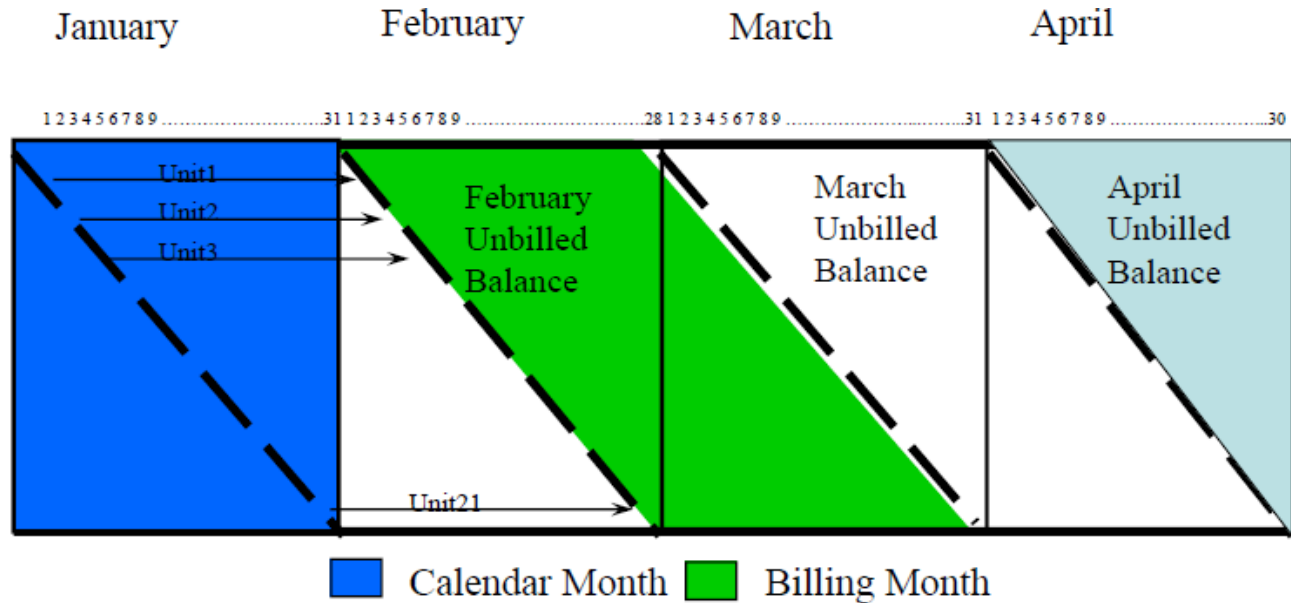
March

Suppliers deliver gas by calendar months as represented below. Current year deliveries represent 12 full months of consumption. These deliveries as designed to cover gas consumed for the calendar months of April – March. The unbilled portion of last March was supplied in the previous calendar year. That is why the true-up must leave a positive imbalance for March 31 – the balance is there to cover consumption that occurred during March, but was not billed. If the imbalances were adjusted to zero, Columbia would be returning gas to the Suppliers that was consumed by their customers, but not yet billed. Payments for this imbalance gas will be included in the April payment.



Unbilled Term

Calendar and Billing Months



The **Unbilled Balance** for a month is the upper right triangle for the month.

The **Unbilled Entry** or **Activity** for a month is the month's unbilled balance minus the previous month's unbilled balance.

Calendar Month = Billing Month + Current Month Unbilled - Previous Month Unbilled.

Choice Invoice Image – Monthly

Choice Opt 1 Invoice Sample

Columbia Gas[®]
of Ohio

CHOICE INVOICE FOR
JUNE 2017

Page 1 of 8
Invoice Date
07/13/17 1,664

Invoice Group Number
00099999 000 000 3
Print Date
07/14/17 14:25:18

Billing Statement For : AGG-CH COMPANY NAME
JOHN DOE

Account Summary :	Previous Account Balance	\$583,194.87	Credit
	Payments Received	\$0.00	
	Other Debits And Credits	\$583,194.87	
	Adjustment	\$423.49	
	Balance At Billing	\$423.49	
	Current Charges	\$358,274.03	Credit
	Present Balance	\$357,850.54	Credit
	Present Balance Amount	\$357,850.54	Credit
	NO PAYMENT REQUIRED		

GENERAL INFORMATION

For questions regarding your Delivery Service charges on this invoice or your Columbia Gas Delivery Service agreement, please call your Columbia Representative - [Representative Name] at (614) 460-XXXX.

If your complaint is not resolved after you have called Columbia Gas of Ohio, or for general utility information, residential and business customers may contact the public utilities commission of Ohio (PUCO) for assistance at 1-800-485-7828 (toll free) from eight a.m. to five p.m. weekdays, or at <http://www.puco.ohio.gov>. Hearing or speech impaired customers may contact the PUCO via 7-1-1 (Ohio relay service).

Payment Option: Electronic Check Payments can be made on the Aviator website located at www.ldcaviator.com. Please contact the representative listed on your invoice for access information and details.

ADJUSTMENT SUMMARY INFORMATION

Miscellaneous Adjustment :	Amount
Month Adjusted	
ACT File Charge	\$253.37
Marketer Billing Rate	\$150.00
GROSS RECEIPTS TAX ADJUSTMENT	\$20.12

Columbia Gas[®]
of Ohio

CHOICE INVOICE FOR
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Invoice Group Number
00099999 000 000 3
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RATE SCHEDULE INFORMATION

Nomination Group : 9999	True-up Period : OPT 1 YRLY	Next true-up date : MAR 2018
<u>Rate Schedule : 919</u>	<u>Rate</u>	<u>Volume</u> <u>Amount</u>
Transportation Charges		
Base Rate	0.00000	0.0 \$0.00
Other Charges		
Local Gas Purchase Rate (Dth)	6.89000	60.0 \$413.40
	Rate Schedule 919 Total	\$413.40
Taxes		
Gross Receipts Tax		\$20.62
Gas Sales Debit (Dth)	0.0000	4,318.8 \$0.00
	Nomination Group 9999 Total	\$434.02

Nomination Group : 9998	True-up Period : OPT 1 YRLY	Next true-up date : MAR 2018
<u>Rate Schedule : 919</u>	<u>Rate</u>	<u>Volume</u> <u>Amount</u>
Transportation Charges		
Base Rate	0.00000	0.0 \$0.00
Other Charges		
Local Gas Purchase Rate (Dth)	6.89000	270.0 \$1,860.30
	Rate Schedule 919 Total	\$1,860.30
Taxes		
Gross Receipts Tax		\$92.77
	Nomination Group 9998 Total	\$1,953.07

Nomination Group : 9997	True-up Period : OPT 1 YRLY	Next true-up date : MAR 2018
<u>Rate Schedule : 919</u>	<u>Rate</u>	<u>Volume</u> <u>Amount</u>
Transportation Charges		
Base Rate	0.00000	0.0 \$0.00
Other Charges		
Local Gas Purchase Rate (Dth)	6.89000	90.0 \$620.10
	Rate Schedule 919 Total	\$620.10
Taxes		
Gross Receipts Tax		\$30.92
	Nomination Group 9997 Total	\$651.02

Choice Opt 2 Invoice Sample



CHOICE INVOICE FOR
JUNE 2017

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Invoice Date
07/13/17 1,194

Invoice Group Number
00099999 000 000 2
Print Date
07/14/17 14:25:18

Billing Statement For : AGG-CH COMPANY NAME

Account Summary :

Previous Account Balance	\$667,072.32	Credit
Payments Received	\$0.00	
Other Debits And Credits	\$667,072.32	
Adjustment	\$1,814.05	
Balance At Billing	\$1,814.05	
Current Charges	\$395,522.60	Credit
Present Balance	\$393,708.55	Credit

Present Balance Amount	\$393,708.55	Credit
NO PAYMENT REQUIRED		

GENERAL INFORMATION

For questions regarding your Delivery Service charges on this invoice or your Columbia Gas Delivery Service agreement, please call your Columbia Representative - [Representative Name] at (614) 460-XXXX.

If your complaint is not resolved after you have called Columbia Gas of Ohio, or for general utility information, residential and business customers may contact the public utilities commission of Ohio (PUCO) for assistance at 1-800-686-7826 (toll free) from eight a.m. to five p.m. weekdays, or at <http://www.puco.ohio.gov>. Hearing or speech impaired customers may contact the PUCO via 7-1-1 (Ohio relay service).

Payment Option: Electronic Check Payments can be made on the Aviator website located at www.ldcaviator.com. Please contact the representative listed on your invoice for access information and details.

ADJUSTMENT SUMMARY INFORMATION

Miscellaneous Adjustment :	
Month Adjusted	Amount
ACT File Charge	\$413.43
GROSS RECEIPTS TAX ADJUSTMENT	\$20.62



CHOICE INVOICE FOR
JUNE 2017

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Invoice Date
07/13/17 1,194

Invoice Group Number
00099999 000 000 2
Print Date
07/14/17 14:25:18

RATE SCHEDULE INFORMATION

Nomination Group : 9999 True-up Period : OPT 2 YRLY W/MNTH RT Next true-up date : MAR 2018

Rate Schedule : 971

	Rate	Volume	Amount
Transportation Charges			
Base Rate	0.00000	0.0	\$0.00
All Gas (Mcf)			
Other Charges			
Local Gas Purchase Rate (Dth)	6.89000	240.0	\$1,653.60
Rate Schedule 971 Total			\$1,653.60
Taxes			
Gross Receipts Tax			\$82.47
Bank Purchase Credit (Dth)	0.0000	234.1	\$0.00
Nomination Group 9999 Total			\$1,736.07

Nomination Group : 9998 True-up Period : OPT 2 YRLY W/MNTH RT Next true-up date : MAR 2018

Rate Schedule : 971

	Rate	Volume	Amount
Transportation Charges			
Base Rate	0.00000	0.0	\$0.00
All Gas (Mcf)			
Other Charges			
Local Gas Purchase Rate (Dth)	6.89000	300.0	\$2,067.00
Rate Schedule 971 Total			\$2,067.00
Taxes			
Gross Receipts Tax			\$103.08
Bank Purchase Credit (Dth)	0.0000	513.9	\$0.00
Nomination Group 9998 Total			\$2,170.08

Nomination Group : 9997 True-up Period : OPT 2 YRLY W/MNTH RT Next true-up date : MAR 2018

Rate Schedule : 971

	Rate	Volume	Amount
Transportation Charges			
Base Rate	0.00000	0.0	\$0.00
All Gas (Mcf)			
Other Charges			
Local Gas Purchase Rate (Dth)	6.89000	300.0	\$2,067.00
Rate Schedule 971 Total			\$2,067.00
Taxes			
Gross Receipts Tax			\$103.08
Bank Purchase Credit (Dth)	0.0000	513.9	\$0.00
Nomination Group 9997 Total			\$2,170.08

SCO Invoice Sample



SCO INVOICE FOR
JUNE 2017

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Invoice Date
07/13/17 1,686

Invoice Group Number
00099999 000 000 7
Print Date
07/14/17 14:25:18

Billing Statement For : AGG-SC COMPANY NAME
JOHN DOE

Account Summary :

Previous Account Balance	\$3,289,963.94	Credit
Payments Received	\$0.00	
Other Debits And Credits	\$3,289,963.94	
Balance At Billing	\$0.00	
Current Charges	\$1,781,378.80	Credit
Present Balance	\$1,781,378.80	Credit

Present Balance Amount	\$1,781,378.80	Credit
NO PAYMENT REQUIRED		

GENERAL INFORMATION

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SCO INVOICE FOR
JUNE 2017

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Invoice Group Number
00099999 000 000 7
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07/14/17 14:25:18

RATE SCHEDULE INFORMATION

Nomination Group : 9999	True-up Period : OPT 1 YRLY	Next true-up date : MAR 2018
<u>Rate Schedule : 921</u>		
	<u>Rate</u>	<u>Volume</u> <u>Amount</u>
Transportation Charges		
Base Rate	0.00000	0.0 \$0.00
All Gas (McF)		
Other Charges		
SCO DSS Commodity Payment (McF)	4.68600 Credit	790.0 \$3,701.94 Credit
Local Gas Purchase Rate (Dth)	6.89000	120.0 \$826.80
	Rate Schedule 921 Total	\$2,875.14 Credit
Taxes		
Gross Receipts Tax		\$41.23
	Nomination Group 9999 Total	\$2,833.91 Credit
Nomination Group : 9998	True-up Period : OPT 1 YRLY	Next true-up date : MAR 2018
<u>Rate Schedule : 921</u>		
	<u>Rate</u>	<u>Volume</u> <u>Amount</u>
Transportation Charges		
Base Rate	0.00000	0.0 \$0.00
All Gas (McF)		
Other Charges		
SCO DSS Commodity Payment (McF)	4.68600 Credit	8,503.0 \$39,845.06 Credit
Local Gas Purchase Rate (Dth)	6.89000	500.0 \$6,201.00
	Rate Schedule 921 Total	\$3,644.06 Credit
Taxes		
Gross Receipts Tax		\$309.24
	Nomination Group 9998 Total	\$33,334.82 Credit
Nomination Group : 9997	True-up Period : OPT 1 YRLY	Next true-up date : MAR 2018
<u>Rate Schedule : 921</u>		
	<u>Rate</u>	<u>Volume</u> <u>Amount</u>
Transportation Charges		
Base Rate	0.00000	0.0 \$0.00
All Gas (McF)		
Other Charges		
SCO DSS Commodity Payment (GMB) (McF)	4.89200 Credit	24.0 \$110.21 Credit
SCO DSS Commodity Payment (McF) Local	4.68600 Credit	3,310.0 \$15,510.66 Credit
Gas Purchase Rate (Dth)	6.89000	390.0 \$2,687.10
	Rate Schedule 921 Total	\$12,533.77 Credit
Taxes		
Gross Receipts Tax		\$134.01
	Nomination Group 9997 Total	\$12,799.76 Credit

Choice Invoice Image – Annual Reconciliation

Choice Opt 1 – Annual Reconciliation

Columbia Gas[®] of Ohio CHOICE/SCO INVOICE FOR Page 1 of 9
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Invoice Group Number 00099999 000 000 3

Billing Statement For : AGG-CS COMPANY NAME
JOHN DOE

Account Summary :	Previous Account Balance	\$15,601,129.97	Credit
	Payments Received	\$0.00	
	Other Debits And Credits	\$15,601,129.97	
	Adjustment	\$399.32	
	Balance At Billing	\$399.32	
	Current Charges	\$9,810,527.01	Credit
	Present Balance	\$9,810,527.69	Credit

Present Balance Amount \$9,810,527.69 Credit

NO PAYMENT REQUIRED

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Annual Reconciliation of Imbalances

The Annual Reconciliation of delivered volumes and actual usage is complete. The March ending imbalances have been determined and are reflected on this invoice.

Payment Option: Electronic Check Payments can be made on the Aviator website located at www.idcaviator.com. Please contact the representative listed on your invoice for access information and details.

ADJUSTMENT SUMMARY INFORMATION

Miscellaneous Adjustment :	Amount
Month Adjusted	
ACT File Charge	\$266.06
Marketer Billing Rate	\$100.00
GROSS RECEIPTS TAX ADJUSTMENT	\$10.26

Columbia Gas[®] of Ohio CHOICE/SCO INVOICE FOR Page 2 of 9
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RATE SCHEDULE INFORMATION

Nomination Group : 9999 True-up Period : OPT 1 YRLY Next true-up date : MAR 2018

Rate Schedule : 916

	Rate	Volume	Amount
Gas Purchased from Columbia			
Base Rate			
All Gas (Mcf)	0.00000	0.0	\$0.00
Other Charges			
Cash Out - Debit (Dth)	2.69630	15,238.6	\$41,087.84
SCO DSS Commodity Payment (Mcf)	4.05700 Credit	6,092.0	\$24,715.24 Credit
Local Gas Purchase Rate (Dth)	5.93000	2,082.0	\$12,345.26
Rate Schedule 916 Total			\$28,718.86

Taxes Gross Receipts Tax \$2,664.76

Nomination Group 9999 Total \$31,383.62

Nomination Group : 9998 True-up Period : OPT 1 YRLY Next true-up date : MAR 2018

Rate Schedule : 916

	Rate	Volume	Amount
Gas Purchased from Columbia			
Base Rate			
All Gas (Mcf)	0.00000	0.0	\$0.00
Other Charges			
Cash Out - Debit (Dth)	2.69630	99,466.9	\$268,192.60
SCO DSS Commodity Payment (Mcf)	4.05700 Credit	40,654.0	\$165,054.99 Credit
Local Gas Purchase Rate (Dth)	5.93000	8,205.0	\$48,655.65
Rate Schedule 916 Total			\$151,793.26

Taxes Gross Receipts Tax \$15,801.22

Nomination Group 9998 Total \$167,594.48

Nomination Group : 9997 True-up Period : OPT 1 YRLY Next true-up date : MAR 2018

Rate Schedule : 916

	Rate	Volume	Amount
Gas Purchased from Columbia			
Base Rate			
All Gas (Mcf)	0.00000	0.0	\$0.00
Other Charges			
Cash Out - Debit (Dth)	2.69630	45,263.7	\$122,098.44
SCO DSS Commodity Payment (Mcf)	4.05700 Credit	14,486.0	\$58,769.70 Credit
Local Gas Purchase Rate (Dth)	5.93000	3,634.0	\$22,735.62
Rate Schedule 916 Total			\$86,064.36

Taxes Gross Receipts Tax \$7,222.87

Nomination Group 9997 Total \$93,287.23

Choice Opt 2 – Annual Reconciliation

Columbia Gas[®] of Ohio
CHOICE INVOICE FOR
MARCH 2017

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Invoice Group Number
00099999 000 000 2
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Billing Statement For : AGG-CH COMPANY NAME

Account Summary :	Previous Account Balance	\$2,170,952.88	Credit
	Payments Received	\$0.00	
	Other Debits And Credits	\$2,170,952.88	
	Adjustment	\$1,682.52	
	Balance At Billing	\$1,682.52	
	Current Charges	\$1,304,123.85	Credit
	Present Balance	\$1,302,441.33	Credit
	Present Balance Amount	\$1,302,441.33	Credit
	NO PAYMENT REQUIRED		

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ADJUSTMENT SUMMARY INFORMATION

Miscellaneous Adjustment :	Amount
Month Adjusted	
Pipeline charges for use of unauthorized receipt/delivery points	\$216.06
ACT File Charge	\$434.04
GROSS RECEIPTS TAX ADJUSTMENT	\$10.77
GROSS RECEIPTS TAX ADJUSTMENT	\$21.65

Columbia Gas[®] of Ohio
CHOICE INVOICE FOR
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RATE SCHEDULE INFORMATION

Nomination Group : 9999 True-up Period : OPT 2 YRLY W/MNTH RT Next true-up date : MAR 2018

Rate Schedule : 971	Rate	Volume	Amount
Gas Purchased from Columbia			
Base Rate			
All Gas (Mcf)	0.00000	0.0	\$0.00
Other Charges			
Local Gas Purchase Rate (Dth)	5.93000	1,470.0	\$8,717.10
Rate Schedule 971 Total			\$8,717.10
Option 2 Annual True Up			
April Cash Out Debit (Dth)	1.8633	1,248.7	\$2,326.70
May Cash Out Debit (Dth)	1.9451	1,197.6	\$2,329.45
June Cash Out Credit (Dth)	1.9247	1,422.9	\$2,738.66 Credit
July Cash Out Credit (Dth)	2.9061	910.4	\$2,645.71 Credit
August Cash Out Credit (Dth)	2.6812	1,570.7	\$4,211.36 Credit
September Cash Out Credit (Dth)	2.7835	2,291.6	\$6,378.67 Credit
October Cash Out Debit (Dth)	2.8755	3,193.8	\$9,183.77
November Cash Out Debit (Dth)	2.6465	5,595.7	\$14,809.02
December Cash Out Debit (Dth)	3.1671	964.0	\$3,053.08
January Cash Out Debit (Dth)	3.6409	7,348.7	\$26,225.62
February Cash Out Debit (Dth)	3.2591	6,247.2	\$20,360.25
March Cash Out Debit (Dth)	2.4628	5,907.1	\$14,548.01
Taxes			
Gross Receipts Tax			\$5,164.19

Nomination Group 9999 Total \$92,742.79

Nomination Group : 9998 True-up Period : OPT 2 YRLY W/MNTH RT Next true-up date : MAR 2018

Rate Schedule : 971	Rate	Volume	Amount
Gas Purchased from Columbia			
Base Rate			
All Gas (Mcf)	0.00000	0.0	\$0.00
Other Charges			
Local Gas Purchase Rate (Dth)	5.93000	124.0	\$735.32
Rate Schedule 971 Total			\$735.32
Option 2 Annual True Up			
April Cash Out Debit (Dth)	1.8633	254.4	\$474.02
May Cash Out Debit (Dth)	1.9451	307.2	\$597.53
June Cash Out Credit (Dth)	1.9247	122.7	\$236.16 Credit
July Cash Out Credit (Dth)	2.9061	113.4	\$329.55 Credit
August Cash Out Credit (Dth)	2.6812	138.8	\$372.15 Credit
September Cash Out Credit (Dth)	2.7835	184.9	\$514.67 Credit
October Cash Out Debit (Dth)	2.8755	240.2	\$699.70
November Cash Out Debit (Dth)	2.6465	659.6	\$1,745.63
December Cash Out Debit (Dth)	3.1671	0.7	\$2.22
January Cash Out Debit (Dth)	3.6409	179.6	\$659.83
February Cash Out Debit (Dth)	3.2591	436.7	\$1,423.25
March Cash Out Debit (Dth)	2.4628	234.8	\$578.27
Taxes			
Gross Receipts Tax			\$345.94

Nomination Group 9998 Total \$5,830.18

Supplier Payment

Supplier must be set up to receive Automatic Clearing House (ACH) Payment.

Payments to Suppliers will be made on or before the 25th of each month for the prior months activity.

Payment will be made on a net basis, i.e., all cost or charges owed Columbia directly or indirectly shall be offset against or recouped from what Columbia may otherwise owe Suppliers.

All amounts billed to Suppliers, with the exception of Credit Evaluation Fee(s), will be credited to the CSRR.

CHOICE Supplier Payments

Will be based on actual billed commodity gas cost and sales taxes to their CHOICE customers during the prior billing month.

VI. Demand Curves & Capacity

Daily Delivery Requirements

Columbia shall develop Demand Curves and Supply Curves for CHOICE/SCO Suppliers on an equivalent basis.

Demand Curves

Are based on Supplier's customers' most recent 12 months of consumption adjusted to represent normal weather. Customer counts and volumes are reduced by the current attrition percentage to account for attrition. Demand Curves are posted on the columbiasuppliers.com website in a comma delimited format.

Choice Demand Curve Reports

Report 1. Calendar Month Report provides the normalized volumetric information for the current group of customers based on their actual historical consumption. Volumes on this report are increased for retainage and decreased for customer attrition. The volumes have not been reduced by the Local Gas Purchase Percentage.

Report 1. Normalized Dth Calendar Months

																	Annual Calendar	
Company	Cust Type	Mktr	PSP	Nom	Bal	2011-02	2011-03	2011-04	2011-05	2011-06	2011-07	2011-08	2011-09	2011-10	2011-11	2011-12	Dth	Mktr Name
		Id		Group	Type													
34 CHO	XX	22-		1101 N		8100	5252	1939	691	498	515	515	530	1763	4660	9014	44507	XX NAME
34 CHO	XX	23-1		1104 N		93570	70249	32569	12716	7980	8246	8246	9391	26482	55865	98015	540403	XX NAME
34 CHO	XX	23-3		1105 N		18505	13801	6351	2430	1474	1524	1524	1744	4905	10909	19559	106157	XX NAME
34 CHO	XX	23-4		1106 N		22440	17264	8349	3558	2189	2261	2261	2513	6506	13566	23690	132944	XX NAME
34 CHO	XX	23-5		1100 N		107775	77474	35580	16350	12678	13101	13101	13606	29504	64982	115077	638135	XX NAME
34 CHO	XX	23-6		1107 N		51710	37156	16581	7122	5374	5553	5553	5822	13622	30925	55983	302666	XX NAME
34 CHO	XX	23-8		1108 N		46724	34117	15169	6030	4027	4161	4161	4561	12368	27645	50129	269228	XX NAME
34 CHO	XX	23-9		1109 N		36107	26147	11155	4151	2686	2776	2776	3126	9155	21383	39180	205629	XX NAME
34 CHO	XX	23N-2		1102 N		71955	56242	28181	12065	7465	7713	7713	8221	19349	40952	74121	423519	XX NAME
34 CHO	XX	23N-7		1103 N		44787	34860	17131	7097	4250	4391	4391	4779	11979	25719	46212	261456	XX NAME
34 CHO	XX	24-35		1110 N		24193	18101	8139	3242	2021	2088	2088	2335	6843	14433	25828	140418	XX NAME
34 CHO	XX	24-39		1111 N		180	138	66	28	17	17	17	19	51	108	190	1059	XX NAME
Total						526046	390801	181210	75480	50659	52346	52346	56647	142527	311147	556998	3066121	

Report 2 Billing Month Report provides the normalized billing month volumetric information based on actual historical information. Columbia bills the customer on billing cycles and Suppliers deliver on calendar months. This report reflects that difference.

Volumes on this report are increased for retainage and decreased for customer attrition. The volumes have not been reduced by the Local Gas Purchase Percentage.

Report 2. Normalized Dth Billing Months

																			Annual Billing	
Company	Cust Type	MktrId	PSP	NomGr	Bal	oup	Type	2011-02	2011-03	2011-04	2011-05	2011-06	2011-07	2011-08	2011-09	2011-10	2011-11	2011-12	Dth	Mktr Name
34 CHO	XX	22-		1101	N			10060	6830	3427	1230	551	511	486	509	872	2606	6724	44507	XX NAME
34 CHO	XX	23-1		1104	N			109634	85917	52400	23674	10664	8685	7437	7998	13887	33778	73719	540403	XX NAME
34 CHO	XX	23-3		1105	N			21766	16386	9781	4177	1933	1594	1418	1476	2690	6778	15086	106157	XX NAME
34 CHO	XX	23-4		1106	N			26257	20346	12474	5932	2843	2410	2111	2158	3729	8694	18323	132944	XX NAME
34 CHO	XX	23-5		1100	N			128884	96209	56261	26144	14729	13630	12360	12653	17536	39416	86186	638135	XX NAME
34 CHO	XX	23-6		1107	N			60978	44195	24709	10962	6573	5752	5120	5546	8538	20216	44445	302666	XX NAME
34 CHO	XX	23-8		1108	N			55754	41443	23973	10426	5114	4346	3910	4010	6756	16848	38096	269228	XX NAME
34 CHO	XX	23-9		1109	N			43540	32123	18484	7696	3461	2960	2539	2682	4708	12624	29189	205629	XX NAME
34 CHO	XX	23N-2		1102	N			83723	65089	41095	19650	10025	8262	7039	7318	11343	26114	56593	423519	XX NAME
34 CHO	XX	23N-7		1103	N			52329	41496	26421	12716	5774	4547	4086	4273	6479	15257	34206	261456	XX NAME
34 CHO	XX	24-35		1110	N			28781	21736	12949	5624	2661	2173	1937	2042	3614	9072	19637	140418	XX NAME
34 CHO	XX	24-39		1111	N			205	156	93	41	19	19	15	17	33	76	166	1059	XX NAME
Total								621911	471926	282067	128272	64347	54889	48458	50682	80185	191479	422370	3066121	

Report 3 Dth Summary Report provides number of customers, operational information, daily like and kind adjustment, and daily and annual volumes. Bal Type = N indicates non- temperature balancing or Bal Type = F indicates full balancing for Co-Operatives.

Report 3. Dth Summary

										Annual		Over/		Over/		Demand				
Company	Cust Type	Mktrid	PSP	Nom Group	Bal Type	Num Cust	Attrition Factor	BTU Factor	Prior 12 Months	Normal Calendar	Peak Design	Peak Demand	Under Delivery %	Under DeliveryD	Weather Daily Dth	Daily Like In Kind Adjust	Curve Plateau Dth	PSP Name	Mktr Name	
34 CHO	XX	22-		1101	N	556		1.034	40071	44507		0	739	0	0	0	-3	529	PORTSMOUTH	XX NAME
34 CHO	XX	23-1		1104	N	5810		1.034	502531	540403	-7	6361	0	0	0	41	4583	TOLEDO	XX NAME	
34 CHO	XX	23-3		1105	N	1192		1.034	95875	106157	-8	1299	0	0	0	-5	931	LIMA	XX NAME	
34 CHO	XX	23-4		1106	N	1346		1.034	122866	132944	-7	1590	0	0	0	-11	1134	ALLIANCE	XX NAME	
34 CHO	XX	23-5		1100	N	8117		1.034	571338	638135	-6	8102	0	0	0	57	5837	COLUMBUS	XX NAME	
34 CHO	XX	23-6		1107	N	3609		1.034	270869	302666	-7	3939	0	0	0	20	2838	DAYTON	XX NAME	
34 CHO	XX	23-8		1108	N	2965		1.034	242602	269228	-6	3375	0	0	0	13	2432	MANSFIELD	XX NAME	
34 CHO	XX	23-9		1109	N	2464		1.034	187045	205629	-4	2750	0	0	0	-19	1962	OH MISC	XX NAME	
34 CHO	XX	23N-2		1102	N	4202		1.034	384931	423519	-6	5029	0	0	0	-24	3600	PARMA	XX NAME	
34 CHO	XX	23N-7		1103	N	2580		1.034	239399	261456	-6	3078	0	0	0	-9	2209	SANDUSKY	XX NAME	
34 CHO	XX	24-35		1110	N	1532		1.034	127226	140418	-5	1813	0	0	0	-8	1298	PITTSBURGH	XX NAME	
34 CHO	XX	24-39		1111	N	11		1.034	968	1059	-7	13	0	0	0	0	9	NEW CASTLE	XX NAME	
Total						34384			2785721	3066121		38088			0	52	27363			

Report 4 Nom Group Dth Curve Report shows daily delivery volumes by temperature. The balance point temperature is 60 degF. Volumes on this report have been reduced by 2.94%, the Local Gas Purchase Percentage.

Note: The volumes on all reports include unaccounted-for volumes, hence they represent volumes at the city gate.

Report 4. Nom Group Dth Curves

The Daily Delivery Dth volumes include like-in-kind adjustment.

Company	Cust Type	MktrId	PSP	NomGroup	Temp	Daily Delivery	Dth	PSP Name	Mktr Name
34	CHO	XX	23-1	1104	-15		5367	TOLEDO	XX NAME
34	CHO	XX	23-1	1104	-16		5465	TOLEDO	XX NAME
34	CHO	XX	23-1	1104	-17		5563	TOLEDO	XX NAME
34	CHO	XX	23-1	1104	-18		5661	TOLEDO	XX NAME
34	CHO	XX	23-1	1104	-19		5759	TOLEDO	XX NAME
34	CHO	XX	23-1	1104	-20		5857	TOLEDO	XX NAME
34	CHO	XX	23-1	1104	-21		5955	TOLEDO	XX NAME
34	CHO	XX	23-1	1104	-22		6053	TOLEDO	XX NAME
34	CHO	XX	23-3	1105	54		70	LIMA	XX NAME
34	CHO	XX	23-3	1105	53		89	LIMA	XX NAME
34	CHO	XX	23-3	1105	52		108	LIMA	XX NAME
34	CHO	XX	23-3	1105	51		127	LIMA	XX NAME
34	CHO	XX	23-3	1105	50		146	LIMA	XX NAME
34	CHO	XX	23-3	1105	49		165	LIMA	XX NAME
34	CHO	XX	23-3	1105	48		184	LIMA	XX NAME
34	CHO	XX	23-3	1105	47		203	LIMA	XX NAME
34	CHO	XX	23-3	1105	46		222	LIMA	XX NAME
34	CHO	XX	23-3	1105	45		241	LIMA	XX NAME
34	CHO	XX	23-3	1105	44		260	LIMA	XX NAME
34	CHO	XX	23-3	1105	43		279	LIMA	XX NAME

Report 3 shows the unaccounted-for factor

Capacity

Capacity Allocation Process

If an SCO Supplier is also a Choice Supplier, Columbia will make a single capacity assignment by PSP each month during the SCO period.

Capacity Allocated/Assigned on “Level Playing Field” Basis

- Equal percentage levels of storage and FTS assigned to each PSP and equal percentage level of Columbia provided Peaking Service provided in each PSP.
- Equal percentage of Supplier provided firm capacity/supply for each PSP.
- Percentages are identical for CHOICE and SCO.

Capacity Assignment based on Design Peak Day Demand

- Capacity will be released for one month at a time.
- Releases of Columbia Gas Transmission (TCO) capacity will be made by contract with releases to multiple PSPs performed in single release whenever possible.
- Suppliers may re-release the capacity assigned by Columbia subject to recall by Columbia. Releases of assigned Panhandle capacity do not entitle any third-party access to Columbia’s distribution system unless such third party has specifically been named as an agent for the releasing Supplier for purposes of meeting that Supplier’s Supply Curve requirements.
- Any re-release of Tennessee capacity does not alter the Supplier’s responsibility to follow the delivery requirements of its Dungannon Supply Curve.
- Any re-release of Panhandle capacity does not alter the Supplier’s responsibility to follow the delivery requirements of its Maumee Supply Curve.
- All costs associated with the released capacity will be paid directly to the pipelines by the CHOICE/SCO Suppliers pursuant to applicable pipelines’ capacity release payment procedures.

Capacity Assignment

Columbia holds certain discounted contracts on Panhandle, Trunkline and Tennessee where the utilization of unauthorized alternate points may cause Columbia to incur additional costs. Any costs incurred by Columbia as a result of a Supplier or another party to which a Supplier has released the Columbia assigned capacity utilizing an unauthorized alternate point shall be paid by the Supplier. Please see Tariff.

Columbia's total contracted capacity and supply resources to be assigned and/or utilized in the Columbia provided Peaking Service is determined annually after setting aside of TCO FTS and FSS/SST capacity to provide certain services to TS Customers (Standby Service and Capacity Release).

- Columbia will retain TCO FSS/SST to provide Standby Service to TS customers that sign up for the service.
- Columbia shall retain some TCO FTS for release/assignment to TS customers.

Allocation steps followed by Columbia in determining the amount of assets to be assigned by PSP are as follows:

- Overall percentage of capacity Columbia shall assign including the peaking service will be up to 100% of Suppliers peak day demand. For the 2022-2023 winter, Columbia assigned capacity will equate to approximately 100% of the Supplier's peak day demand.
- Columbia will retain capacity equivalent to approximately 22% of peak day demand to provide Non- Temperature Balancing Services for CHOICE/SCO Suppliers.
- Columbia will assign approximately 51% of the peak day demand as storage.
 - For the PSP that includes the Maumee Gate the percentage of storage assignment shall include Panhandle FS and TCO FSS.

Columbia will assign approximately 18% of the peak day demand as FTS

- Panhandle FTS will be included in the FTS assigned to the Toledo PSP
- For the Alliance PSP, the TCO FTS assignment shall include Tennessee FT-A as the upstream pipeline.
- All other TCO FTS assigned shall also have Rockies Express (REX), NEXUS, and TCO-LXP assigned as the upstream pipeline.

Columbia will also retain the North Coast and Crossroads capacity.

Total capacity utilized by Columbia to provide peaking is approximately 31% of peak day demand

Capacity Allocation Steps

Determination of the amount of storage Columbia will retain to provide Non-Temperature Balancing Services for CHOICE/SCO Suppliers (22.12% of Stipulated Design Peak Day Demand of 1,970,900 Dth).

Determination of the percentage of peak day demand for each Demand Curve to be assigned as storage. For the PSP that includes the Maumee Gate the percentage of storage assignment shall include Panhandle Pipeline FS and TCO FSS. Current estimate is 48.2%.

Determination of the percentage peak day demand for each Demand Curve to be assigned as FTS. For PSPs that include deliveries from Panhandle Pipeline, the percentage of FTS assignment shall include Panhandle Pipeline EFT and Trunkline FT. For the Alliance PSP, the TCO FTS assignment shall include Tennessee FT-A as the upstream pipeline. All other TCO FTS assigned shall also have Rockies Express, NEXUS and TCO-LXP assigned as the upstream pipeline. Approximately 7% of TCO FTS will receive upstream capacity on these pipes.

To the extent that, under this methodology, Columbia is not able to assign all contracted FTS to Suppliers, it will retain the excess as Operationally Retained Capacity and use such capacity in providing its Peaking Service.

- Columbia currently projects that it will retain as Operationally Retained capacity approximately 7,900 Dth of North Coast and related Crossroad's capacity and 50,600 Dth of TCO FTS and related Tennessee FT-A capacity.

Determination of the percentage of peak day demand for each Demand Curve to be provided as a peaking service by Columbia. Local, Retained and Peaking is approximately 31% of Peak Day Demand.

System Balancing

Columbia shall retain approximately 22% of the Peak Day Demand to provide System Balancing.

- Majority of the retained storage will be TCO FSS/SST to balance differences between deliveries by Suppliers (Demand Curve requirements) with the actual demand of the CHOICE/SCO and DSS customers.
- Small portion of retained storage will be Panhandle FS/EFT to balance Maumee Gate.

Columbia shall utilize the storage assets retained to provide balancing and to provide its non- firm Banking and Balancing Service for its TS Customers.

- The daily balancing component of the non-firm Banking and Balancing Service will be reduced or interrupted when the assets Columbia retained are required to provide CHOICE/SCO and DSS balancing and/or peaking services.
- All Banking and Balancing fees collected by Columbia will be credited to the CSRR.

Storage Management

Based on Columbia's historical planning practices the following minimum storage inventory levels are recommended:

Nov. 1	98%
Feb. 15	30%
Mar. 5	20%
Mar. 22	10%
Apr. 1	2%

All CHOICE/SCO Suppliers have the sole responsibility to fill and manage the storage inventories of the TCO FSS and Panhandle FS capacity assigned them on a monthly basis.

For the months of October through April, CHOICE/SCO Suppliers shall manage natural gas supply nominations and deliveries to Columbia to match deliveries as specified by their individual Demand Curves at the actual temperatures posted by Columbia through utilization of TCO FSS and SST capacity. Such utilization shall generally consist of adjustments to their FSS/SST nomination at the end of the gas day such that all confirmed supplies delivered to Columbia (including the FSS/SST nomination adjustment) in each PSP match the specified Demand Curve volumes at the actual temperature as posted by Columbia.

Each CHOICE /SCO Supplier is solely responsible for ensuring that they have adequate injection or withdrawal rights to match their Demand Curve obligations.

Main Points:

- Flow gas by calendar month - Receive payment by billing month.
- Expect more deliveries than collections October-January.
- Increasing Apparent Gas Banks and Negative Cash Flow in the fall.
- Expect more collections than deliveries February-April.
- Decreasing Apparent Gas Banks and Positive Cash Flow in the spring.
- Actual deliveries and collections affected by weather and Like-in-Kind adjustment.
- Flow Adjusted Daily Average for the months May-September.
- Flow according to Daily Temperature Demand Curve for the months October-April.
- Demand Curves posted on or before the 20th of each month.
- Deliveries based on 54-degree HDD.
- Like-in-Kind adjustment is used to compensate both Columbia and the Choice Supplier for the difference between the Flow month and the Billing cycles. This is only calculated for new gains and losses.
- Demand curves show your customers' peak day consumption on Columbia's design peak day.

Failure to deliver according to the demand and supply curve requirements will result in **Non-compliance charges** based on the difference between confirmed volumes and required deliveries.

Non OFO/OMO days

A per Dth Non-Compliance Charge equal to the higher of a \$10.00 or 150% times the TCO Daily Index adjusted for SST commodity and shrinkage will be billed to the Supplier based upon the Dth quantity difference between the Supplier's daily Demand and/or Supply Curve requirement and the actual pipeline daily confirmed volume delivered to Columbia, for each day of difference.

OFO/OMO day in place

A per Dth Non-Compliance Charge equal to the higher of a \$30.00 or 150% times the TCO Daily Index adjusted for SST commodity and shrinkage will be billed the Supplier based upon the Dth quantity difference between the Supplier's daily Demand and/or Supply Curve requirement and the actual pipeline daily confirmed volume delivered to Columbia, for each day of difference.

In addition to the above Non-Compliance Charges, on days when Columbia incurs a penalty from an upstream pipeline provider, CHOICE/SCO Suppliers that have failed to match deliveries to Columbia with those specified by their Demand Curves and/or Supply Curves applicable to deliveries by the penalizing pipeline, shall pay a proportionate share of the penalty costs incurred by Columbia.

Any Supplier that serves one or more Choice Aggregation Pools and also serves one or more SCO Tranches must make a combined daily nominations for Choice and SCO. The combined nominations apply to both Demand Curves and Supply Curves.

Supply Curves

Are posted on Aviator on or before the 25th of each month. Supply Curves are developed based on the operational requirements and/or ability of non-TCO points of delivery to accept supplies. Volumes scheduled into COH based on a Supply Curve(s) can be allocated to CHOICE/SCO requirements, Transportation Service (TS) customers, sold to a third party, or a combination.

- Daily Supply Curve volumes allocated to CHOICE/SCO will be part of the Supplier's daily Demand Curve requirements for the PSP in which the Supply Curve is located.
- Supply Curve required deliveries cannot be assigned to another party except when the CHOICE/SCO Supplier has named an alternate Supplier as its agent for purposes of meeting the Supply Curve delivery requirements.
- Supply Curves provided to Supplier's assigned non-TCO capacity.
- Failure to deliver according to the Supply Curves will result in the Supplier incurring a per Dth non-compliance charge to be paid to Columbia.
- Non-compliance charges will be based on the difference between the Supply Curve required volumes and the actual deliveries.

Maumee Gate

- Direct interconnect between Panhandle and COH.
- Supply Curves provided for each Supplier assigned Panhandle /Trunkline pipeline capacity with a primary delivery point at the Maumee Gate.
- Supplies at the Maumee Gate are operationally required.
- Required daily deliveries during months of November – March.
- Deliveries through the Maumee Gate for April through October are not required and will not be accepted.
- Flow according to Daily Temperature Supply Curve at the relevant forecasted temperature of the PSP for the months November – March.

Dungannon Interconnect (Tennessee)

- Interconnection between Tennessee and TCO.
- Suppliers must schedule daily at a minimum the volume indicated by the Supply Curve at the forecasted temperature.
- Suppliers may deliver volumes in excess of the Supply Curves if acceptable to TCO.
- Suppliers must schedule the Dungannon scheduled volumes on Navigates for delivery to the COH city gate.
- Deliveries may be scheduled at any city gate subject to TCO restrictions.
- Deliveries via Tennessee (Dungannon) required any time Alliance PSP temperatures are forecast below 42 degrees (approx.)
- Supplies via Tennessee to TCO at Dungannon are operationally required.

REX Fairfield Interconnect (Rockies Express)

- Interconnection between REX and TCO.
- REX supply must be scheduled via TCO/REX Fairfield interconnect to Columbus 23-5 at temperatures (and colder) where the Demand curve turns flat (in the 12 -15 degree range)
- At temperatures warmer than plateau, suppliers may source the REX and TCO Fairfield capacity as they see fit, subject to pipeline constraints.

Non-Temperature Balancing Service

The Company will provide Non-Temperature Balancing Services to Suppliers participating in the CHOICE and SCO Program.

Non-Temperature Balancing Service provides supply for the difference between:

- The actual demand of the Aggregation Pool and;
- The volume projected by the Demand Curve at the actual temperature experienced as provided by Columbia on the day after the Gas Day.

Applicable to all volumes consumed by the following:

- Choice customers under rate schedules FRSGTS, FRGTS, or FRLGTS; and
- SCO and DSS Customers.

RATE

- A fixed fee of \$.27 per Mcf will be charged directly to the customer. Each Choice Supplier is required to ensure that the charge is not passed on to the Choice customers as an embedded charge within the Supplier's rate code, as to avoid the customers being charged twice for the same service.
- All costs incurred by Columbia to provide balancing, along with all balancing revenue received by Columbia, will be charged/credited to the CHOICE/SCO Reconciliation Rider (CSRR).

Full Balancing Service

The Company will provide Full Balancing Services to Suppliers serving customers under rate schedule Full Requirements Cooperative Transportation Service (FRCTS).

Firm Storage Service or Storage Service Transportation (FSS and SST) capacity is assigned by Columbia to Suppliers serving customers under rate schedule Full Requirements Cooperative Transportation Service (FRCTS).

Full Balancing Service the Company is balancing the supply difference between:

- The actual demand of the Aggregation Pool and;
- The volume projected by the Demand Curve at the temperature projected on the day preceding the Gas Day.

Applicable to all volumes consumed by the following:

Customers under rate schedule FRCTS or any special contract rate schedule.

RATE

A fee of \$.4694 per Mcf will be charged to customers under rate schedule FRCTS or any special contract, for all volumes consumed in the Choice Supplier's Aggregation Pool(s) for each billing month.

VII. Appendix

Glossary of Terms

Terms	Descriptions
Balancing	Equalizing a shipper's receipts of gas into a pipeline with withdrawals out of a pipeline system. Balancing may be accomplished daily, monthly, or seasonally, with penalties assessed for excessive transportation imbalance.
BTU	A btu, British Thermal Unit, is the amount of heat required to raise the temperature of one (1) pound of water from 60 degrees Fahrenheit to 61 degrees Fahrenheit at a constant pressure of 14.73 psi.
Capacity	Total volume of gas that can flow through a pipeline over a given period of time, considering factors such as pipeline diameter, pressure, and time interval.
Capacity Assignment	The ability to reassign interstate pipeline capacity to other entities on a non- discriminatory basis. A shipper with excess capacity could relinquish space back to the pipeline for it to resell.
Choice Supplier	A Retail Natural Gas Supplier serving customers under the Columbia Gas CHOICE Program.
Daily Scheduled Quantities	Volumes of transported gas (Dth/Day) to be delivered by interstate pipeline at Shipper's direction for Shipper's account, after retainage of interstate pipeline's company use and unaccounted for volumes.
DSS	Shall mean a Commission regulated "Default Sales Service" provided by Columbia to Transition Customer. Those customers not eligible to participate in the CHOICE program or Governmental Aggregation Program and PIPP customers.
Firm Service	The highest quality sales or transmission service offered to customers under a filed rate schedule which anticipates no planned interruption.
FTS	Firm Transportation Service from Columbia Gas Transmission Corporation.
Human Needs	A term used in curtailment plans to describe those customers relying upon natural gas for heat for the protection of life: residences, nursing homes, hospitals, hotels, etc.
Imbalance	The difference between the Scheduled Quantities and the Actual Tendered Quantity.

Continuation: Glossary of Terms

Terms	Descriptions
Local Gas Purchase Price	The TCO Monthly Index plus a fixed dollar amount, which is determined annually.
Local Gas Purchase Requirement	A volume of gas that CHOICE/SCO Suppliers shall purchase from Columbia monthly. Which shall equal to an estimate of the Columbia purchases of Ohio Production.
Nymex	Is an acronym which stands for New York Mercantile Exchange.
Peak Day	The highest usage day during the winter season; a 24-hour period of delivery greater than any other day.
POR	Purchase of Receivables is an agreement between the Supplier and Columbia whereby Columbia purchases at 100% of the Supplier's gas cost that is billed to the customer when the combined billing option has been chosen in the execution of the COH Choice Full Requirements Aggregation Agreement.
PSP/Pipeline Scheduling Point	The single delivery point or set of delivery points grouped or designed by an upstream pipeline for purposes of scheduling gas supplies for delivery by such upstream pipeline; or the single delivery point or set of delivery points grouped or designed by Columbia for operational purposes. The PSPs of Columbia Gas Transmission, LLC shall be utilized by Columbia for the purpose of developing Demand Curves.
Retail Price Adjustment	The rate per Mcf an auction bidder offers in addition the NYMEX closing price to devise the Retail sales price for SCO/DSS commodity services.
SCO/DSS Price	Shall equal the Retail Price Adjustment plus Market Price (Market price equals monthly NYMEX closing price).
SCO Service	A commodity service available to Choice eligible customers that have not elected a Choice Retail Natural Gas Supplier and are not served through Governmental Aggregation Program.
SCO Supplier	A winning SCO Auction bidder that has received both the right and obligation to provide natural gas commodity for a specified list of Choice eligible customers that have not elected a Choice Retail Natural Gas Supplier and are not served through Governmental Aggregation Programs plus their proportionate share of DSS customer requirements.
Storage or Storage Capacity	Typically, depleted gas wells used to store gas which has been transferred from its original location. Shall mean TCO FSS and Related SST and /or Panhandle Pipeline FS and Related EFT.
Summer Season	That part of a contract year from the beginning of April through the end of October.

Continuation: Glossary of Terms

Terms	Descriptions
System- Wide Retention Factor	A percentage representing Columbia's system average lost and unaccounted for volumes and company use gas.
Supplier	Retail Natural Gas Supplier.
TCO Monthly Index	The price as reported in Platts Inside FERC's Gas Market Report for the month of purchase, in the monthly report titled "Pricing of spot gas delivered to pipelines," under the column heading "Index" for "Columbia Gas, Appalachia".
Transition Customers	Those customers eligible to participate in the CHOICE Program or Governmental Aggregation programs not enrolled in either program or assigned to an SCO Supplier at the commencement of the billing month.
Winter Season	That part of a contract year from the beginning of November through the end of the following March.

Acronyms

Acronym	Descriptions
BCF	One Billion Cubic Feet
CCF	One Hundred Cubic Feet
COH	Columbia Gas of Ohio
CSD	Commissions Consumer Services Department
DIS	Distributive Information System - low Pressure Accounts billed in the same month
DTH	Dekatherm (Ten Therms, One Million Btu's)
DSS	Default Sales Service
FSS	Firm Storage Service
FT	Firm Transportation
FT-1	Firm Transportation - 1
FTP	File Transfer Protocol
FTS	Firm Transportation Service (tariff)
GAS/GMB	Gas Measurement Billing - high pressure accounts billed on a one month lag
GTS	Gas Transportation Service
HDD	Heating Degree Day
LIFO	Last In First Out
MCF	One Thousand Cubic Feet
MDQ	Maximum Daily Quantity
MDSQ	Maximum Daily Storage
MMCF	One Million Cubic Feet
MDSQ	Maximum Daily Storage
NCGT	North Coast Gas Transmission, LLC
NGS	Natural Gas Supplier
PSIA	Pounds per Square Inch Absolute
PSP	Pipeline Scheduling Point
PUCO	Public Utilities Commission of Ohio
SCO	Standard Choice Offer
SCQ	Storage Contract Quantity
SST	Storage Service Transportation
TCO	Columbia Gas Transmission Corporation

