



***National Fuel Gas Distribution Corporation  
New York Division  
Utility Maintained EDI Guide***

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***July 19, 2019***

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## **A. INTRODUCTION**

### **1. Brief Description of UMEG Contents**

National Fuel Gas Distribution Corporation's ("Distribution" or "Company") Utility Maintain EDI Guide ("UMEG") is designed to supplement New York's EDI Standards documents ("EDI Standards"), i.e. the Implementation Guides, Data Dictionaries, Business Process Documents, etc. that comprise the EDI Standards. The modifications to the EDI Standards approved in Order Approving Modifications to the Electronic Data Interchange Standards, issued and effective March 2, 2015 in Case 12-M-0476 et.al. ("EDI Order") include cites to UMEGs for this purpose throughout.

The UMEG contains references to Distribution's website. For general purposes the URL is:

<http://www.nationalfuelgas.com/marketers/default.aspx>

### **2. Disclaimers**

Those obtaining copies of the UMEG from the internet are responsible for the maintenance and monitoring of any changes. Notices of changes will be placed on the internet for convenience.

Distribution assumes no responsibility should the UMEG holder fail to download notices in a timely manner.

Changes to the contents of the UMEG not set forth in Distribution's tariff will generally be provided with at least thirty (30) days' notice. Notice may be less than 30 days in circumstances where timely implementation of the New York Public Service Commission ("Commission") Orders are required.

Until UMEG Version 1.00 is issued, the UMEG is to be considered work-in-progress and updates will be made without notice.

If there are inconsistencies between any procedures contained in the UMEG and Distribution's tariff, the tariff shall control.

## **B. EDI IMPLEMENTATION OVERVIEW**

### **1. General**

On July 23, 2001, the New York Public Service Commission issued Opinion 01-03 in Case 98-M-0667, approving policies and data standards for the implementation of electronic data interchange (“EDI”) in New York. The Commission’s decision, and subsequent decisions, continues the work of a collaborative industry effort that began in New York in 1998. Several other Orders detailing transaction sets and testing procedures have been issued subsequent to Opinion 01-03.

EDI is the primary means of transactional communications between utilities and Energy Service Companies (“ESCOs”) in New York. Detailed information on EDI standards and protocols in New York is publicly available on the Commission’s website at: <http://www.dps.ny.gov/98m0667.htm>

New York’s Uniform Business Practices (“UBPs”), initially adopted in Order Adopting Uniform Business Practices and Requiring Tariff Amendments, Issued and Effective January 22, 1999 in Case 98-M-1343 and amended from time-to-time, govern the working relationship between the utility and ESCOs. The UBPs require ESCOs to comply with EDI transaction set standards and processing protocols and/or use properly functioning EDI systems as a condition of maintaining ESCO eligibility to serve customers. Additionally, the UBPs are incorporated as an addendum to the tariff and applicable throughout, particularly in Service Classification No. 19 (“SC 19”) - Supplier Transportation, Balancing and Aggregation (“STBA”).

Distribution makes the NY EDI transactions Supported Transactions available as a communication option for Natural Gas Suppliers (“NGSs”) operating under MMNGS and/or SATS services that serve the Monthly Metered Transportation (“MMT”) and Small Aggregation Transportation Customer (“SATC”) markets in its Pennsylvania service territory. While the UMEG generally reflects terminology used in Distribution’s New York service territory, some New York terms have Pennsylvania equivalents. Further, in some cases the UMEG uses generic terms. For example, an ESCO in New York is equivalent to an NGS in Pennsylvania and the terms “Marketer” or “Supplier” are often used to generically describe both ESCOs and NGSs. As used in the UMEG, the terms ESCO and NGS are interchangeable with the terms “Marketer” or “Supplier” unless noted otherwise.

### **2. EDI Web Site**

Distribution maintains a web page purposed for its EDI implementation. The web page includes contact information and a listing of notices pertaining to Distribution’s EDI Implementation. Suppliers and EDI Service Providers should stay current with such notices.

### **3. EDI Contacts & Technical Support**

Distribution has contracted with EC Infosystems for EDI Technical Support Services. With regard to the processing of EDI transactions, Suppliers who receive EDI services from EC Infosystems will not be afforded any advantage over, or be treated any differently than those who receive EDI services from other EDI Vendors.

The EDI Contacts for Distribution are as follows:

<u>Types of EDI Questions</u>	<u>Person</u>	<u>Phone Number</u>	<u>e-mail Address</u>
Testing Initiation	Beverly Hogan	(716) 857-7950	<a href="mailto:HoganB@natfuel.com">HoganB@natfuel.com</a>
Business Issues	Nicole Barker Andrea Vasbinder	(716) 857-7541 (716) 857-7593	<a href="mailto:BarkerN@natfuel.com">BarkerN@natfuel.com</a> <a href="mailto:VasbinderA@natfuel.com">VasbinderA@natfuel.com</a>
General Technical & Processing Issues, Testing, Network Outages	EDI Support Team	(516) 739-1001 ext. 25	<a href="mailto:nfg.edisupport@ecinfosystems.com">nfg.edisupport@ecinfosystems.com</a>

Regulatory Issues	Maryann Stankovski	(716) 857-7886	<a href="mailto:Stankovski@natfuel.com">Stankovski@natfuel.com</a>
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#### 4. Third-Party EDI Service Providers

While some Suppliers have implemented EDI in-house, many utilize third-party EDI Vendors (“EDI Service Providers”) to process EDI transactions. Should a Supplier wish to change their EDI Service Provider, some (possibly all) EDI Testing may need to be recompleted. To initiate a change in EDI Service Providers, the Supplier should contact the Transportation Services Department (Attn. Beverly Hogan) in written form at least two (2) months in advance of the intended effective date in order to ensure sufficient lead time for EDI Testing. The written form should be an original signed letter on company letterhead, signed by a company officer. A courtesy email to [HoganB@natfuel.com](mailto:HoganB@natfuel.com) would also be appreciated.

#### 5. EDI Trading Partner Agreement

Suppliers will also be required to sign an EDI Trading Partner Agreement (TPA) prior to the exchange of EDI transactions. The North American Energy Standards Board’s TPA is utilized, subject to modifications particular to Distribution’s implementation in each service territory. The form of TPA is North American Energy Standards Board, Retail Gas Quadrant Model Business Practice RXQ.6.1, adopted June 15, 2009. The form of TPA is available from NAESB through its website [www.naesb.org](http://www.naesb.org). Absent mutual agreement otherwise, to execute a TPA the Supplier must provide its D-U-N-S® (Number) as the Legal Entity Common Code. The D-U-N-S ®(Number) from a Supplier’s parent, subsidiary or any other affiliate will not be accepted.

The Transportation Services Department will initiate the process and administer the TPAs for Distribution. Changes to Supplier information contained within the NAESB TPA Exhibits, if any, must be submitted to Distribution in written form five (5) business days in advance of the intended effective date. The written form should be an original signed letter on company letterhead, signed by a company officer. Except for Direct Customers (as provided within the UBPs), all ESCOs in New York will be required to use EDI to conduct transactions covered by the UBPs, as applicable.

The Transportation Services Department will initiate the process and administer the TPAs for Distribution. Changes to the Trading Partner Worksheet/Connectivity Profile (see FORMS in APPENDICES) must be submitted to the Transportation Services Department (Attn. Beverly Hogan) in written form five (5) business days in advance of the intended effective date and may be communicated via email to the EDI Support Team (see Section B.3). The written form should be an original signed letter on company letterhead, signed by a company officer. A courtesy email to [HoganB@natfuel.com](mailto:HoganB@natfuel.com) would also be appreciated.

#### 6. EDI Service Disruptions

In cases where a Supplier’s EDI system has failed unexpectedly or in cases of EDI system maintenance of extremely limited duration, the Supplier should contact Transportation Services to determine whether it is appropriate to utilize alternative means to communicate business transactions that normally occur via EDI. If appropriate, the Company will provide alternative communications on a short-term basis only.

## **C. EDI TRANSACTION IMPLEMENTATION NOTES**

### **1. Supported Transactions**

<b>Transaction Set Number</b>	<b>Document Name</b>
814E	Enrollment Request
814E	Enrollment Request Response
814D	Drop Request
814D	Drop Request Response
814HU	Historical Usage Request
814HU	Historical Usage Request Response
814C	Change Request
814C	Change Request Response
814R	Reinstatement Request
814R	Reinstatement Response
824AA	Application Advice (Negative Notification)
867HU	Historical Usage
867MU	Monthly Usage
810URR	Invoice Transaction – Utility Rate Ready
810SR	Invoice Transaction – Single Retailer
820	Remittance Advice
248AA	Account Assignment Transaction
997	Functional Acknowledgement

Non-supported Bill-Ready<sup>1</sup> transactions:

810UBR	Invoice Transaction – Utility Bill Ready
568AR	Accounts Payment Advisement
824PN	Application Advice (Positive Notification)

Other non-supported transactions:

503	Pricing History <sup>2</sup>
568AR	Accounts Receivable Advisement
867HIU	Historic Interval Usage Transaction
867MIU	Monthly Interval Usage Transaction

<sup>1</sup> For Utility Consolidated Billing, Distribution supports rate-ready transactions.

<sup>2</sup> In lieu of supporting the 503 EDI transaction, Distribution provides a web file [C3 - Monthly Billing Comparison] in the Secure Transactions section of its web site. The file layout and other details are available from the link: [https://nationalfuelgas.com/marketers/tech\\_docs/markfile.aspx#C3](https://nationalfuelgas.com/marketers/tech_docs/markfile.aspx#C3)

## 2. 248AA - Account Assignment Transaction

- a. Overview
- b. Implementation Guide Notes

<b>Segment</b>	<b>Segment Name</b>	<b>Notes and Comments</b>
NM1*SJ	Individual or Organizational Name (ESCO)	
NM1*8S	Individual or Organizational Name (Utility)	
HL	Hierarchical Level	
NM1*D4	Individual or Organizational Name (Customer)	
REF*11	Reference Identification (ESCO Customer Account Number)	
REF*12	Reference Identification (Utility Customer Account Number)	
REF*45	Reference Identification (Previous Utility Customer Account Number)	The Company does not change an existing customer's account number as a business process therefore it does not support this segment.
REF*AJ	Reference Identification (Utility Account Number for the ESCO)	
REF*QY	Reference Identification (Commodity)	
PER*IC	Administrative Communications Contact (Customer Contact Information)	
BAL*CD	Balance Detail (Amount)	
DTP*630	Date or Time or Period (Assignment Date)	
DTP*003	Date or Time or Period (Invoice Information)	
AMT*5	Monetary Amount (Invoice Amount)	
REF*IK	Reference Identification (Invoice Number)	
REF*22	Reference Identification (Assignment Reason Code)	

- c. Other Notes



### 3. 810SR - Invoice Transaction – Single Retailer

#### a. Overview

Under Distribution’s New York tariff, the default billing method for customers transporting at ceiling rates<sup>3</sup> is the Single Retailer Model, where the ESCO provides the consolidated retail billing to the customers. Under this billing model, sometimes referred to as Marketer Combined Billing (“MCB”), customers should contact Distribution for non-billing matters; this is not full Single Retailer Model implementation. Nevertheless, customers served by ESCOs providing MCB bills should direct billing inquiries to their ESCO. Transaction protocols for ESCO Single Retailer Billing are posted on Distribution’s website and are included in the Appendices of Distribution’s New York GTOP. MCB is not available in Pennsylvania.

Further details of Single Retailer Billing are available in Distribution’s New York GTOP and Tariff.

Distribution issues a Summary Invoice to the ESCO on, or about, the fifth (5<sup>th</sup>) business day of each month, billing for customer level transportation charges and supplier level charges, as applicable. Prior to implementation of Distribution’s new customer information system in early July 2015, customer level transportation charges are calculated using a Calendar Month Estimate (“CME”) of the prior month’s consumption. Following implementation, customer level transportation charges will be calculated using the customer’s cycle consumption during the period since the prior month’s Summary Invoice.

ESCO are provided with consumption data, as applicable, on the meter read cycles.

#### b. Implementation Guide Notes

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
REF*OI	Reference Identification (Original Invoice Number)	
REF*12	Reference Identification (Utility Customer Account Number)	
REF*AJ	Reference Identification (Utility Account Number for the ESCO)	
N1*SJ	Name (ESCO)	
N1*8S	Name (Utility)	
N1*8R	Name (Customer)	
ITD	Terms of Sale/Deferred Terms of Sale	
BAL*P*YB	Balance Detail (Prior Balance)	

<sup>3</sup> Customers transporting at non-ceiling rates may be limited to dual-bill or Utility Combined options.

<b>Segment</b>	<b>Segment Name</b>	<b>Notes and Comments</b>
BAL*P*TP	Balance Detail (Total Payments and Refunds)	
BAL*M*J9	Balance Detail (Beginning Balance)	
BAL*M*YB	Balance Detail (Total Outstanding Balance)	
PAM	Period Amount (Payment Posted or Refund Applied)	
IT1	Baseline Item Data (Charge Level)	
TXI*LS	Tax Information	
REF*BF	Reference Identification (Bill Cycle)	
REF*NH	Reference Identification (Utility Rate Service Class)	
REF*PR	Reference Identification (Utility Rate Subclass)	
REF*VI	Reference Identification (Gas Pool ID)	
DTM*150	Date/Time Reference (Period Start Date)	
DTM*151	Date/Time Reference (Period End Date)	
SLN	Subline Item Detail (Item Counter)	
DTM*009	Date/Time Reference (Process Date)	
SAC	Service, Promotion, Allowance, or Charge Information (Charges/Adjustments)	
TDS	Total Monetary Value Summary	
CTT	Transaction Totals	

## c. Other Notes

#### 4. 810URR - Invoice Transaction – Utility Rate Ready

##### a. Overview

In both New York and Pennsylvania, Distribution provides a “rate ready” billing service to Suppliers. Under this service, the supplier provides a rate to Distribution to be applied to the customer’s cycle consumption to determine the Supplier gas supply charges for the billing period. Distribution’s billing service, often referred to as ‘Choice Billing’ and can also be described as Utility Consolidated Billing (“UCB”) or Utility Combined Billing. Further details of this billing service are available in Distribution’s GTOP and Tariff.

Suppliers must provide rates to Distribution using a defined Excel format (see FILE FORMATS in APPENDICES).

Distribution’s billing service includes a Company Purchase of Receivables (“POR”) for billing amounts due to Supplier from Customers. In New York, the POR feature is limited to accounts with consumption less than 25,000 Mcf/year. In Pennsylvania, the POR feature is limited residential customers and non-residential customers with consumption less than 1,000 Mcf per year under Rate Schedule SATC.

Those selecting this option must execute a Consolidated Billing Service (“CBS”) Billing Services Agreement (“BSA”). The provisions of the BSA have been established through prior procedures and may be changed prospectively. A standard form BSA is presented in the Distribution’s GTOP Appendices.

##### b. Implementation Guide Notes

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
REF*OI	Reference Identification (Original Invoice Number)	
REF*11	Reference Identification (ESCO Customer Account Number)	
REF*12	Reference Identification (Utility Customer Account Number)	
REF*45	Reference Identification (Previous Utility Customer Account Number)	The Company does not change an existing customer’s account number as a business process therefore it does not support this segment.
REF*AJ	Reference Identification (Utility Account Number for the ESCO)	
REF*BLT	Reference Identification (Bill Presenter)	
REF*PC	Reference Identification (Bill Calculator)	
REF*VI	Reference Identification (Gas Pool ID)	
N1*SJ	Name (ESCO)	
N1*8S	Name (Utility)	
N1*8R	Name (Customer)	

<b>Segment</b>	<b>Segment Name</b>	<b>Notes and Comments</b>
ITD	Terms of Sale/Deferred Terms of Sale (Payment Due Date)	
BAL*M*YB	Balance Detail (Total Outstanding Balance)	
BAL*Y	Balance Detail (Budget Plan Cumulative Difference)	
BAL*M*41	Balance Detail (Budget Plan Current Month Difference)	
IT1	Baseline Item Data (Charge Category)	
TXI	Tax Information	
REF*MG	Reference Identification (Meter Number)	
DTM*150	Date/Time Reference (Period Start Date)	
DTM*151	Date/Time Reference (Period End Date)	
SLN	Subline Item Detail	
SAC	Service, Promotion, Allowance, or Charge Information (Charges/Adjustments)	
TDS	Total Monetary Value Summary (Total Current Charges)	
CTT	Transaction Totals	

## c. Other Notes

**5. 814C - Change Transaction**

- a. Overview
- b. Implementation Guide Note

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
N1*SJ	Name (ESCO)	
N1*8S	Name (Utility)	
N1*8R	Name (Customer)	
N3	Address Information (Service Address)	
N4	Geographic Location (Service Address)	
PER*IC	Administrative Communications Contact (Customer Phone Number)	
N1*BT	Name (Name for Mailing)	
N3	Address Information (Mailing Address)	
N4	Geographic Location (Mailing Address)	
PER*IC	Administrative Communications Contact (Customer Phone Number)	
LIN	Item Identification	
ASI	Action or Status Indicator	
REF*7G	Reference Identification (Reject Response Reasons)	
REF*TD	Reference Identification (Reason for Change - Account Level)	
REF*11	Reference Identification (ESCO Customer Account Number)	
REF*12	Reference Identification (Utility Account Number)	

<b><u>Segment</u></b>	<b><u>Segment Name</u></b>	<b><u>Notes and Comments</u></b>
REF*45	Reference Identification (Previous Utility Account Number)	The Company does not change an existing customer's account number as a business process therefore it does not support this segment.
REF*AJ	Reference Identification (Utility Account Number for ESCO)	
REF*65	Reference Identification (Meter Cycle Code)	
REF*BF	Reference Identification (Bill Cycle Code)	
REF*BLT	Reference Identification (Bill Presenter)	
REF*PC	Reference Identification (Bill Calculator)	
REF*NR	Reference Identification (Current Budget Billing Status)	
REF*LF	Reference Identification (ESCO Late Fees)	Where the Company purchase the ESCO/NGS receivables, this segment is ignored.
REF*PGC	Reference Identification (Partial Participation Portion)	Not Supported by NFGDC.
REF*SU	Reference Identification (Customer on Life Support)	Not Supported by NFGDC.
REF*VI	Reference Identification (Gas Pool ID)	This segment is not supported by NFGDC, however, ESCOs/NGSs can submit pool changes can be submitted via the REF*VI segment of the 814E transaction. Pool changes follow the timeline rules generally applicable to enrollment transactions.
REF*GC	Reference Identification (Gas Capacity Assignment/Obligation)	

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
REF*SPL	Reference Identification (ISO Location Based Marginal Pricing Zones)	Since the Company provides gas service only, this segment is not supported.
REF*RP	Reference Identification (Portion Taxed Residential)	Not Supported by NFGDC – ESCOs/NGSs must include the tax exemption percentage to the residential [AMT*9M] or commercial (non-residential) [AMT*9N] customer’s tax rate.
REF*TDT	Reference Identification (Account Settlement Indicator)	Not Supported by NFGDC.
REF*YP	Reference Identification (NYPA Discount Indicator)	Since the Company provides gas service only, this segment is not supported.
REF*SG	Reference Identification (Utility Discount Indicator)	
REF*IJ	Reference Identification (Industrial Classification Code)	
REF*TX	Reference Identification (Tax Exempt Status)	
REF*IU	Reference Identification (Interval Usage Option)	Since the Company provides gas service only, this segment is not supported.
REF*5E	Reference Identification (APP Status)	
REF*KY	Reference Identification (Special Meter Configuration)	Since the Company provides gas service only, this segment is not supported.
DTM*007	Date/Time Reference (Effective Date of Change)	
DTM*150	Date/Time Reference (Assigned Service Start Date)	
DTM*151	Date/Time Reference (Assigned Service End Date)	
DTM*AB2	Date/Time Reference (ICAP Effective Date)	Since the Company provides gas service only, this segment is not supported.

<b>Segment</b>	<b>Segment Name</b>	<b>Notes and Comments</b>
AMT*B5	Monetary Amount (ESCO Budget Plan Installment Amount)	Not Supported by NFGDC – Budget Plan Amounts are determined by the Company.
AMT*DP	Monetary Amount (Tax Exemption Percent)	Not Supported by NFGDC – ESCOs/NGSs must include the tax exemption percentage to the residential [AMT*9M] or commercial (non-residential) [AMT*9N] customer's tax rate.
AMT*RJ	Monetary Amount (ESCO Commodity Price)	Not Supported by NFGDC – ESCO/NGS commodity prices are provided to the Company via a non-EDI process.
AMT*FW	Monetary Amount (ESCO Fixed Charge)	Not Supported by the Company.
AMT*9M	Monetary Amount(Customer's Tax Rate for ESCO Charges -1)	Used by ESCOs/NGSs to communicate the sales tax rate to be applied by the Company to the ESCO/NGS's portion of a residential customer's bill under the Utility Consolidated Billing (UCB) Model.
AMT*9N	Monetary Amount(Customer's Tax Rate for ESCO Charges -2)	Used by ESCOs/NGSs to communicate the sales tax rate to be applied by the Company to the ESCO/NGS's portion of a commercial (non-residential) customer's bill under the Utility Consolidated Billing (UCB) Model.
AMT*KZ	Monetary Amount (ICAP)	Since the Company provides gas service only, this segment is not supported.
AMT*7	Monetary Amount (ESCO Pricing Adjustment Credit)	
AMT*UJ	Monetary Amount (ESCO Generic Credit)	
AMT*B1	Monetary Amount (Basic HEAP Payment Amount Received)	
AMT*BK	Monetary Amount (Emergency HEAP Payment Amount Received)	
NM1*MX	Metered or UnMetered Service Points	
REF*TD	Reference Identification (Reason for Change - Meter Level)	
REF*46	Reference Identification (Old Meter Number)	



<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
REF*NH	Reference Identification (Utility Rate Service Class)	
REF*PR	Reference Identification (Utility Rate Sub Class)	
REF*LO	Reference Identification (Utility Load Profile Group Code)	Not Supported by the Company.
REF*MT	Reference Identification (Measurement Type and Reporting Interval)	
REF*TU	Reference Identification (Use Time of Day)	Not Supported by the Company.
REF*RB	Reference Identification (ESCO Rate Code)	

## c. Other Notes

**6. 814D – Drop Transaction**

- a. Overview
- b. Implementation Guide Notes

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
N1*SJ	Name (ESCO)	
N1*8S	Name (Utility)	
N1*8R	Name (Customer)	
N3	Address Information (Service Address)	
N4	Geographic Location (Service Address)	
N1*BT	Name (Mailing Address)	
N3	Address Information (Mailing Address)	
N4	Geographic Location (Mailing Address)	
LIN	Item Identification	
ASI	Action or Status Indicator	
REF*1P	Reference Identification (Drop Reason and Initiating Party)	
REF*7G	Reference Identification (Reject Response Reason)	
REF*11	Reference Identification (ESCO Customer Account Number)	
REF*12	Reference Identification (Utility Account Number)	
REF*45	Reference Identification (Previous Utility Account Number)	The Company does not change an existing customer's account number as a business process therefore it does not support this segment.
REF*AJ	Reference Identification (Utility Account Number for ESCO)	
REF*VI	Reference Identification (Gas Pool Id)	
DTM*151	Date/Time Reference (Service End Date)	

- c. Other Notes

Contest Period Reinstatement Requests are not supported in Distribution's Pennsylvania service territory; restoring a customer to the current NGS can be accomplished through a last-in enrollment transaction provided such transaction is received on the business day prior to the scheduled switching date.

**7. 814E – Enrollment Transaction**

a. Overview

b. Implementation Guide Notes

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
N1*SJ	Name (ESCO)	
N1*8S	Name (Utility)	
N1*8R	Name (Customer)	
N3	Address Information (Service Address)	
N4	Geographic Location (Service Address)	
PER*IC	Administrative Communications Contact Customer Phone Number)	
N1*BT	Name (Name for Mailing)	
N3	Address Information (Mailing Address)	
N4	Geographic Location (Mailing Address)	
PER*IC	Administrative Communications Contact Customer Phone Number)	
LIN	Item Identification	
ASI	Action or Status Indicator	
REF*7G	Reference Identification (Reject Response Reasons)	
REF*1P	Reference Identification (Response Information or Warnings)	
REF*11	Reference Identification (ESCO Customer Account Number)	
REF*12	Reference Identification (Utility Account Number)	
REF*45	Reference Identification (Previous Utility Account Number)	The Company does not change an existing customer's account number as a business process therefore it does not support this segment.
REF*AJ	Reference Identification (Utility Account Number for ESCO)	

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
REF*65	Reference Identification (Meter Cycle Code)	
REF*BF	Reference Identification (Bill Cycle Code)	
REF*BLT	Reference Identification (Bill Presenter )	
REF*PC	Reference Identification (Bill Calculator)	
REF*NR	Reference Identification (Current Budget Billing Status)	
REF*LF	Reference Identification (ESCO Late Fees)	
REF*PGC	Reference Identification (Partial Participation Portion)	
REF*SU	Reference Identification (Customer on Life Support)	
REF*VI	Reference Identification (Gas Pool ID)	
REF*GC	Reference Identification (Gas Capacity Assignment/Obligation)	
REF*GS	Reference Identification (Gas Supply Service Option)	
REF*ALC	Reference Identification (Human Needs Customer)	
REF*SPL	Reference Identification (ISO Location Based Marginal Pricing Zones)	Since the Company provides gas service only, this segment is not supported.
REF*RP	Reference Identification (Portion Taxed Residential)	
REF*TDT	Reference Identification (Account Settlement Indicator)	
REF*YP	Reference Identification (NYPA Discount Indicator)	Since the Company provides gas service only, this segment is not supported.
REF*SG	Reference Identification (Utility Discount Indicator)	

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
REF*IJ	Reference Identification (Industrial Classification Code)	
REF*TX	Reference Identification (Utility Tax Exempt Status)	
REF*IU	Reference Identification (Interval Usage Option)	Since the Company provides gas service only, this segment is not supported.
REF*PG	Reference Identification (Public Aggregator)	The Company does not support this segment.
REF*5E	Reference Identification (APP Status)	
REF*KY	Reference Identification (Special Meter Configuration)	Since the Company provides gas service only, this segment is not supported.
DTM*150	Date/Time Reference (Assigned Service Start Date)	
DTM*AB2	Date/Time Reference (ICAP Effective Date)	Since the Company provides gas service only, this segment is not supported.
DTM*AB4	Date/Time Reference (ICAP Future Effective Date)	Since the Company provides gas service only, this segment is not supported.
AMT*B5	Monetary Amount (ESCO Budget Plan Installment Amount)	
AMT*BD	Monetary Amount (ESCO Budget Plan Balance)	
AMT*DP	Monetary Amount (Tax Exemption Percent)	
AMT*RJ	Monetary Amount (Commodity Price)	
AMT*FW	Monetary Amount (ESCO Fixed Charge)	The Company does not support this segment.
AMT*9M	Monetary Amount (Customer's Tax Rate for ESCO Charges - 1)	
AMT*9N	Monetary Amount (Customer's Tax Rate for ESCO Charges - 2)	
AMT*KZ	Monetary Amount (ICAP)	Since the Company provides gas service only, this segment is not supported.
AMT*8B	Monetary Amount (Future ICAP)	Since the Company provides gas service only, this segment is not supported.
NM1*MQ	Metered or Un-Metered Service Points	

<b><u>Segment</u></b>	<b><u>Segment Name</u></b>	<b><u>Notes and Comments</u></b>
REF*NH	REF Reference Identification (Utility Rate Service Class)	
REF*PR	Reference Identification (Rate Sub Class)	
REF*LO	Reference Identification (Utility Load Profile Group Code)	Since the Company provides gas service only, this segment is not supported.
REF*MT	Reference Identification (Measurement Type and Reporting Interval)	
REF*TU	Reference Identification (Use Time of Day)	Since the Company provides gas service only, this segment is not supported.
REF*RB	Reference Identification (ESCO Rate Code)	

## c. Other Notes

**8. 814HU – Historical Usage Transaction**

- a. Overview
- b. Implementation Guide Notes

<b><u>Segment</u></b>	<b><u>Segment Name</u></b>	<b><u>Notes and Comments</u></b>
N1*SJ	Name (ESCO)	
N1*8S	Name (Utility)	
N1*8R	Name (Customer)	
N3	Address Information (Service Address)	
N4	Geographic Location (Service Address)	
LIN	Item Identification	
ASI	Action or Status Indicator	
REF*7G	Reference Identification (Reject Response Reasons)	For new accounts that have not yet completed one billing cycle, limited non-usage information may be available from the Company's Customer Information Inquiry secure website.
REF*1P	Reference Identification (Response Information or Warnings)	
REF*11	Reference Identification (ESCO Customer Account Number)	
REF*12	Reference Identification (Utility Account Number)	
REF*45	Reference Identification (Previous Utility Account Number)	The Company does not change an existing customer's account number as a business process therefore it does not support this segment.
REF*AJ	Reference Identification (Utility Account Number for ESCO)	

- c. Other Notes

**9. 814R – Reinstatement Transaction**

- a. Overview
- b. Implementation Guide Notes

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
N1*SJ	Name (ESCO)	
N1*8S	Name (Utility)	
N1*8R	Name (Customer)	
LIN	Item Identification	
ASI	Action or Status Indicator	
REF*7G	Reference Identification (Rejection Reason)	
REF*11	Reference Identification (ESCO Customer Account Number)	
REF*12	Reference Identification (Utility Account Number)	
REF*45	Reference Identification (Previous Utility Account Number)	The Company does not change an existing customer's account number as a business process therefore it does not support this segment.
REF*AJ	Reference Identification (Utility Account Number for ESCO)	
DTM	Date/Time Reference (Reinstatement Date)	

- c. Other Notes



**10. 820 – Remittance Advice**

- a. Overview
- b. Implementation Guide Notes

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
TRN*3	Trace	
REF*AJ	Reference Identification (Utility Account Number for the ESCO)	
DTM*097	Date/Time Reference (Transaction Creation Date)	
N1*PR	Name (Payer)	
N1*PE	Name (Payee)	
ENT*1	Entity	
RMR	Remittance Advice Accounts Receivable Open Item Reference	
NTE*CCG	Note/Special Instruction (Customer Name)	
REF*11	Reference Identification (ESCO Customer Account Number)	
REF*45	Reference Identification (Previous Utility Account Number)	The Company does not change an existing customer's account number as a business process therefore it does not support this segment.
REF*60	Reference Identification (Cross Reference Number)	
REF*IK	Reference Identification (Invoice Number)	
REF*QY	Reference Identification (Commodity)	Since the Company provides gas service only, the Company does not populate REF03. This segment is always REF*QY*GAS
DTM*809	Date/Time Reference (Date Posted)	

- c. Other Notes

**11. 824AA – Application Advice**

- a. Overview
- b. Implementation Guide – Positive Notes

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
N1*SJ	Name (ESCO)	
N1*8S	Name (Utility)	
N1*8R	Name (Customer)	
REF*11	Reference Identification (ESCO Customer Account Number)	
REF*12	Reference Identification (Utility Account Number)	
REF*45	Reference Identification (Previous Utility Account Number)	The Company does not change an existing customer's account number as a business process therefore it does not support this segment.
REF*AJ	Reference Identification (Utility Account Number for ESCO)	
OTI	Original Transaction Identification	
REF*6O	Reference Identification (Cross Reference Number)	
DTM*311	Date/Time Reference (Payments Applied Through Date)	
DTM*814	Date/Time Reference (Payment Due Date)	
AMT*ADD	Monetary Amount (Total Payments Applied)	
AMT*BD	Monetary Amount (Total Amount Due)	

- c. Implementation Guide – Negative Notes

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
N1*SJ	Name (ESCO)	
REF*AJ	Reference Identification (Utility Account Number for ESCO)	
N1*8S	Name (Utility)	
N1*8R	Name (Customer)	
REF*12	Reference Identification (Utility Account Number)	

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
REF*45	Reference Identification (Previous Utility Account Number)	The Company does not change an existing customer's account number as a business process therefore it does not support this segment.
OTI	Original Transaction Identification	
REF*6O	Reference Identification (Cross Reference Number)	
REF*PW	Reference Identification (Purchase Order Number)	
TED*848	Technical Error Description	
NTE*ADD	Note/Special Instruction	

## d. Other Notes

**12. 867HU – Consumption History Transaction**

a. Overview

b. Implementation Guide Notes

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
N1*SJ	Name (ESCO)	
N1*8S	Name (Utility)	
N1*8R	Name (Customer)	
N3	Address Information (Service Address)	
N4	Geographic Location (Service Address)	
REF*12	Reference Identification (Utility Account Number)	
REF*45	Reference Identification (Previous Utility Account Number)	The Company does not change an existing customer's account number as a business process therefore it does not support this segment.
REF*SPL	Reference Identification (ISO Location Based Marginal Pricing Zones)	Since the Company provides gas service only, this segment is not supported.
REF*VI	Reference Identification (Gas Pool ID)	
PTD*BO	Product Transfer and Resale Detail (Metered Summary)	
REF*NH	Reference Identification (Utility Rate Service Class)	
REF*PR	Reference Identification (Rate Sub Class)	
REF*LO	Reference Identification (Load Profile)	
QTY*FL	Quantity	
MEA	Measurements	
DTM*150	Date/Time Reference (Period Start Date)	
DTM*151	Date/Time Reference (Period End Date)	
PTD*BC	Product Transfer and Resale Detail (Unmetered Usage)	
REF*NH	Reference Identification (Utility Rate Service Class)	

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
REF*PR	Reference Identification (Rate Sub Class)	
REF*LO	Reference Identification (Load Profile)	
QTY*FL	Quantity	
MEA	Measurements	
DTM*150	Date/Time Reference (Period Start Date)	
DTM*151	Date/Time Reference (Period End Date)	
PTD*BQ	Product Transfer and Resale Detail (Metered Consumption Detail)	
REF*MG	Reference Identification (Meter Number)	
REF*NH	Reference Identification (Utility Rate Service Class)	
REF*PR	Reference Identification (Rate Sub Class)	
REF*LO	Reference Identification (Load Profile)	
QTY*FL	Quantity	
MEA	Measurements	
DTM*150	Date/Time Reference (Period Start Date)	
DTM*151	Date/Time Reference (Period End Date)	
PTD*PG	Product Transfer and Resale Detail (Gas Profile Factors)	
DTM*193	Date/Time Reference (Profile Period Start Date)	
DTM*629	Date/Time Reference (Date Customer Initiated Service)	
REF*NH	Reference Identification (Utility Rate Service Class)	
REF*PR	Reference Identification (Rate Sub Class)	
QTY*1Y	Quantity (Base)	Not Supported by the Company.
QTY*FJ	Quantity (Slope)	Not Supported by the Company.
QTY*LP	Quantity (Load Factor)	Not Supported by the Company.

<b>Segment</b>	<b>Segment Name</b>	<b>Notes and Comments</b>
QTY*LH	Quantity (UFG Rate)	Not Supported by the Company.
QTY*CG	Quantity (Maximum Delivery)	Not Supported by the Company.
PTD*SM	Product Transfer and Resale Detail (Gas Profile Data)	Not Supported by the Company.
DTM*582	Date/Time Reference (Report Month)	Not Supported by the Company.
QTY*AY	Quantity (Projected Monthly Usage)	Not Supported by the Company.
QTY*70	Quantity (Projected Monthly Delivery Quantity)	Not Supported by the Company.
QTY*WD	Quantity (Projected Daily Delivery Quantity)	Not Supported by the Company.
QTY*BA	Quantity (Projected Balancing Use)	Not Supported by the Company.
AMT*SW	Monetary Amount (Projected Swing Charges)	Not Supported by the Company.
PTD*FG	Product Transfer and Resale Detail (Additional Information)	
REF*0N	Reference Identification (Customer Supply Status)	
REF*IJ	Reference Identification (Industrial Classification Code)	
REF*TX	Reference Identification (Utility Tax Exempt Status)	
REF*TDT	Reference Identification (Account Settlement Indicator)	
REF*YP	Reference Identification (NYPA Discount Indicator)	Since the Company provides gas service only, this segment is not supported.
REF*SG	Reference Identification (Utility Discount Indicator)	
REF*ZV	Reference Identification (Enrollment Block)	
REF*BF	Reference Identification (Bill Cycle Code)	

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
QTY*KZ	Quantity (ICAP)	Since the Company provides gas service only, this segment is not supported.
DTM*007	Date/Time Reference (ICAP Effective Dates)	Since the Company provides gas service only, this segment is not supported.
QTY*9M	Quantity (Number of Meters)	
REF*MG	Reference Identification (Meter Number)	

## c. Other Notes

**13. 867MU – Monthly Usage Transaction**

- a. Overview
- b. Implementation Guide Notes

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
DTM*634	Date/Time Reference (Next Meter Read Date)	
N1*SJ	Name (ESCO)	
N1*8S	Name (Utility)	
N1*8R	Name (Customer)	
N3	Address Information (Service Address)	
N4	Geographic Location (Service Address)	
REF*11	Reference Identification (ESCO Customer Account Number)	
REF*12	Reference Identification (Utility Account Number)	
REF*45	Reference Identification (Previous Utility Account Number)	The Company does not change an existing customer's account number as a business process therefore it does not support this segment.
REF*BLT	Reference Identification (Bill Option)	
PTD*BO	Product Transfer and Resale Detail (Metered Consumption Summary)	
REF*NH	Reference Identification (Utility Rate Service Class)	
REF*PR	Reference Identification (Rate Sub Class)	
QTY*FL	Quantity	
AMT*ZT	Monetary Amount (Back Out Credit)	
MEA	Measurements	
DTM*150	Date/Time Reference (Period Start Date)	
DTM*151	Date/Time Reference (Period End Date)	
PTD*BC	Product Transfer and Resale Detail (Un- metered Consumption)	



<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
REF*NH	Reference Identification (Utility Rate Service Class)	
REF*PR	Reference Identification (Rate Sub Class)	
QTY*FL	Quantity	
AMT*ZT	Monetary Amount (Back Out Credit)	
MEA	Measurements	
DTM*150	Date/Time Reference (Period Start Date)	
DTM*151	Date/Time Reference (Period End Date)	
PTD*BQ	Product Transfer and Resale Detail (Metered Consumption Detail)	
REF*MG	Reference Identification (Meter Number)	
REF*NH	Reference Identification (Utility Rate Service Class)	
REF*PR	Reference Identification (Rate Sub Class)	
QTY*FL	Quantity	
AMT*ZT	Monetary Amount (Back Out Credit)	
MEA	Measurements	
DTM*150	Date/Time Reference (Period Start Date)	
DTM*151	Date/Time Reference (Period End Date)	
PTD*BK	Product Transfer and Resale Detail (Interim Bill Notice)	
PTD*PM	Product Transfer and Resale Detail (Metered Usage Detail)	
REF*MG	Reference Identification (Meter Number)	
REF*LU	Reference Identification (Service Point ID)	
REF*IX	Reference Identification (Number of Dials)	

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
REF*NH	Reference Identification (Utility Rate Service Class)	
REF*PR	Reference Identification (Rate Sub Class)	
QTY*FL	Quantity	
AMT*ZT	Monetary Amount (Back Out Credit)	
MEA	Measurements (Usage)	
MEA**MU	Measurements (Meter Multiplier)	
MEA**B1	Measurements (Metered Base Load)	
MEA**CF	Measurements (Therm Factor)	The Company does not support this segment. Instead BTU adjustment factors are provided on its web site at <a href="https://nationalfuelgas.com/marketers/GasMeas/btu9900.asp">https://nationalfuelgas.com/marketers/GasMeas/btu9900.asp</a>
MEA**TPF	Measurements (Degree Day Factor)	The Company does not support this segment. Instead BTU adjustment factors are provided on its web site at <a href="https://nationalfuelgas.com/marketers/GasMeas/btu9900.asp">https://nationalfuelgas.com/marketers/GasMeas/btu9900.asp</a>
MEA**CO	Measurements (Transformer Loss Adjustment Factor)	Since the Company provides gas service only, this segment is not supported.
DTM*150	Date/Time Reference (Period Start Date)	
DTM*151	Date/Time Reference (Period End Date)	

## c. Other Notes

**14. 997 – Functional Acknowledgement**

a. Overview

b. Implementation Guide Notes

<u>Segment</u>	<u>Segment Name</u>	<u>Notes and Comments</u>
AK1	Functional Group Response Header	
AK2	Transaction Set Response Header	
AK3	Data Element Note	
AK4	Transaction Set Response Trailer	
AK5	Functional Group Response Trailer	

## **D. WEB FILES/NON-EDI DATA EXCHANGE**

Distribution's website includes a secured portal for Direct Customers or NGSs to provide certain customer information not available via EDI. Data is provided in structured delimited ASCII flat files.

File layouts and narrative descriptions for these flat files are available on Distribution's website at:

[http://nationalfuelgas.com/marketers/tech\\_docs/markfile.aspx](http://nationalfuelgas.com/marketers/tech_docs/markfile.aspx)

The delimited ASCII flat files and Distribution's form of electronic data exchange and should not be confused with X12 EDI standards required for ESCOs. Access to the information available via ASCII flat files on the website is dependent upon qualification under aggregation services and a user ID/password obtained through Transportation Services Department.

## **E. EDI TESTING**

### 1. General EDI Qualification Requirements

To exchange data using EDI transactions with Distribution in New York, ESCOs must first complete Phase I Testing and Certification – see NY DPS Electronic Data Interchange (EDI) - Testing & Certification web page at: <http://www3.dps.ny.gov/W/PSCWeb.nsf/ArticlesByTitle/90172D773887F5A385257687006F391D?OpenDocument> for details. ESCOs must also successfully complete Phase III Testing and Certification with Distribution covering a prescribed series of datasets and/or transactions based upon an ESCO's business plan (e.g. depending upon the billing scenarios employed by the ESCO). Detailed information on EDI standards and protocols in New York is publicly available on the Commission's website at:

<http://www.dps.ny.gov/98m0667.htm>

Pennsylvania NGSs do not have to complete Phase I testing, however, Distribution may either consult with the NGS's EDI Service Provider or supplement the Phase III Testing requirements as a substitute for the intent of Phase I Testing.

Phase III Testing, applicable to ESCOs and NGSs electing to utilize EDI, is conducted in conformance with the New York EDI Technical Operating Profile document and its supplements available at:

[http://www.dps.ny.gov/98m0667\\_current.htm](http://www.dps.ny.gov/98m0667_current.htm)

### 2. Testing with Distribution

Distribution generally performs EDI testing on an "as needed" basis upon Supplier request. Depending upon the demand for testing, Distribution will test in batch mode. Distribution will provide notification of batch scheduling on its website on those occasions where required testing impacts all or a significant majority of ESCOs. On occasions where the Commission orders EDI changes but testing is not required by all parties and no effective date is specified within the Order, Distribution will post a schedule showing a cutover date to the updated transaction. Such date will typically be within 90 days of the effective date of the Order, however, adjustments will be made, as appropriate.

Given the mature state of New York's EDI Standards, the prevalence of ESCOs contracting for services from EDI Service Providers and the discussion within the EDI Order encouraging ESCOs and utilities to streamline the EDI testing process, Distribution will adjust the testing components required of new ESCOs necessary to complete Phase III Testing and Certification. For example, a new ESCO using an EDI Service Provider that provides EDI services to other ESCOs active within Distribution's system may be subject to less rigorous testing than one using a new EDI Service Provider or an ESCO providing its own EDI functionality in-house. Similarly, an ESCO switching from one EDI Service Provider to another active on Distribution's system would likely face less rigorous testing requirements. In any event, if an ESCO believes more rigorous testing is appropriate, it may request such and Distribution will modify testing requirements, as it deems appropriate.

A Supplier may request EDI testing by submitting an EDI Testing Application to Transportation Services via fax at (716) 857-7479 or by email to Bev Hogan: [HoganB@natfuel.com](mailto:HoganB@natfuel.com)

**APPENDICES****FORMS****National Fuel Gas Distribution Corporation  
Trading Partner Worksheet/Connectivity Profile****EDI/GISB Worksheet**

1. Please complete the applicable shaded areas below and e-mail to: [TSSsupport@natfuel.com](mailto:TSSsupport@natfuel.com) and [nfg.edisupport@ecinfosystems.com](mailto:nfg.edisupport@ecinfosystems.com)
2. All information must be complete for Marketer/Suppliers doing business with National Fuel Gas Distribution Corporation (“NFGDC”).

**Marketer/Supplier Information**

Date Submitted:	
Company Name	
Company Street Address	
Company City	
Company State	
Company Zip Code	

**Utility Contact Information**

Utility Test Coordinator:	Roy McMaster	rmcmaster@ecinfosystems.com	Ph#: (516) 874-8025
			Fax: (516) 739-4724
Utility Technical Contact	Tech Support	<a href="mailto:nfg.edisupport@ecinfosystems.com">nfg.edisupport@ecinfosystems.com</a>	Ph#: (516) 874-8020
			Fax: (516) 739-4724

**Marketer/Supplier Contact Information**

Marketer/Supplier Business Contact	Name	E-mail	Phone
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**EDI Technical Contact Information – Vendor or in-house**

EDI Technical Contact	Name	E-mail	Phone
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## National Fuel Gas Distribution Corporation Trading Partner Worksheet/Connectivity Profile

### Billing Model(s) to be Tested\* (Indicate Yes or No)                      NY                      PA

Utility Rate Ready (Utility Consolidated Billing)		
Single Retailer (ESCO Consolidated Billing)		N.A.
NFGDC Bills for Delivery & ESCO Bills for Commodity (Dual Billing)		

\*At least one billing model must be selected.

### **ISA/GS/DUNS Information**

	NFGDC Test Environment	NFGDC Prod Environment
Utility ISA Qualifier	01	01
Utility ISA Number	006976666	006976666
Utility GS Information	006976666	006976666
Utility DUNS +4 (N1*8S)	006976666	006976666
Marketer/Supplier ISA Qualifier		
Marketer/Supplier ISA Number		
Marketer/Supplier GS Information		
Marketer/Supplier DUNS +4 (N1*8S)		

### **Delimiter Information**

	NFGDC	Marketer/Supplier
Element Delimiter	^	
Sub-element Delimiter		
Segment Terminator	~	

## National Fuel Gas Distribution Corporation Trading Partner Worksheet/Connectivity Profile

All information must be complete except production HTTP Login ID and HTTP Login Password.

GISB Information	Test Environment	Production Environment
Utility URL: Port/CGI	<a href="http://www.eccircle.com/intgisbt.asp">http://www.eccircle.com/intgisbt.asp</a> (Port 80)	<a href="http://edip.eccircle.com/intgisb.asp">http://edip.eccircle.com/intgisb.asp</a> (Port 80)
IP Address or IP Range	72.244.93.146 – 150	72.244.93.146 – 150
Utility PGP User ID	Intelsys	Intelsys
Utility HTTP Login ID	sent by email	sent by email
Utility HTTP Login Password	sent by email	sent by email
Utility GISB Common Code (To/From) ID	006976666	006976666
Marketer/Supplier URL: Port/CGI		
IP Address or IP Range		
Marketer/Supplier PGP User ID		
Marketer/Supplier HTTP Login ID		
Marketer/Supplier HTTP Login		
Marketer/Supplier GISB Common Code (To/From)		

PGP Key Copy	Test Environment	Production Environment
EC Infosystems Public Key		
Copy your Public Key and Digital Signature here as a file attachment		



**ACRONYMS**

<b>CBS</b>	Consolidated Billing Service
<b>CCF</b>	100 Cubic Feet (Volumetric)
<b>CIS</b>	Customer Information System
<b>CME</b>	Calendar Month Estimate
<b>DD</b>	Degree Day
<b>DPS</b>	Department of Public Service (New York)
<b>EBB</b>	Electronic Bulletin Board
<b>EBD PTR</b>	Elderly, Blind or Disabled Payment Troubled Residential Assistance Program
<b>ESCO</b>	Energy Services Company
<b>GRT</b>	Gross Receipts Tax
<b>GTOP</b>	Gas Transportation Operating Procedures manual
<b>HEAP</b>	Home Energy Assistance Program
<b>HEFPA</b>	Home Energy Fair Practices Act
<b>LDC</b>	Local Distribution Company or Utility, e.g. Distribution
<b>LIRA</b>	Low Income Residential Assistance
<b>MCB</b>	Marketer Combined Billing
<b>MCF</b>	Thousand Cubic Feet (volumetric) or approx. 10 therms
<b>NAESB</b>	North American Energy Standards Board
<b>NFGDC</b>	National Fuel Gas Distribution Corporation
<b>NGS</b>	Natural Gas Supplier
<b>NYPSC or PSC</b>	New York Public Service Commission
<b>PAPUC or PUC</b>	Pennsylvania Public Utility Commission
<b>POR</b>	Purchase of Receivables
<b>SC</b>	Service Class
<b>STBA</b>	Supplier Transportation, Balancing and Aggregation
<b>TPA</b>	Trading Partner Agreement
<b>TSS</b>	Transportation Scheduling System
<b>UBPs</b>	Uniform Business Practices
<b>UCB</b>	Utility Consolidated Billing or Utility Combined Billing
<b>UMEG</b>	Utility Maintained EDI Guide

**DEFINITIONS**

<b>Billing Cycle</b>	See UBP Definitions in GTOP Addendum 1, SECTION 1, Appendix B.
<b>Billing Service Agreement</b>	See UBP Definitions in GTOP Addendum 1, SECTION 1, Appendix B.
<b>Burner Tip Consumption</b>	Consumption at end-use customer's billing meter.
<b>Calendar Month Estimate (CME)</b>	An estimate of the volume used during a calendar month based upon billing cycle meter readings and/or estimates, weather and/or proration.
<b>Choice Billing</b>	Distribution's Utility Consolidated Billing Service that combines Marketer supply charges with utility delivery charges on one bill issued to the Customer by Distribution.
<b>Commercial</b>	A sector of customers or service defined as non-manufacturing business establishments, including but not limited to (i.e. apartment complexes = residential usage – but if in the complex or corp. name are commercial) hotels, motels, restaurants, wholesale businesses, retail stores, and health, social, and educational institutions. A utility may classify the commercial sector as all consumers whose demand or annual use exceeds some specified limit. The limit may be set by the utility based on the rate schedule of the utility.
<b>Commission</b>	As pertains to New York, Public Service Commission of the State of New York or, for Pennsylvania, Pennsylvania Public Utility Commission.
<b>Commodity Charge (or Rate)</b>	A charge per unit of service actually delivered to the customer.
<b>Commodity Costs</b>	Those costs that are allocated on the basis of actual use of service.
<b>Control Number</b>	The sequential number that determines a customer's meter read date.
<b>Control Date</b>	A date when a Customer's supply service may be switched from one ESCO to another ESCO or to or from Company provided sales service. See also <b>Billing Cycle</b> .
<b>Current NGS</b>	A term describing the current Supplier, when a Customer is scheduled to be switched to another NGS or returned to Company provided sales service as of the next Control Date. For New York, the equivalent term in Incumbent ESCO.
<b>Customer</b>	An individual, firm or organization that purchases service at one location under one rate classification, contract, or schedule. If service is supplied at more than one location or under more than one rate schedule, each location and rate schedule may be counted as a separate customer. See Class of Service.
<b>Customer Account Number</b>	The utility specific unique identifier associated with a utility customer.
<b>Customer Consent Form</b>	Form by which a transportation customer may select a Supplier.
<b>Cycle Billing</b>	A billing procedure that provides for the billing of a portion of customers each working day so that all customers are billed within a predetermined period, such as one month, two months, etc. See also <b>Billing Cycle</b> .
<b>Direct Customer</b>	See UBP Definitions in GTOP Addendum 1, SECTION 1, Appendix B.
<b>Distribution (Gas Utility) Company</b>	A company that obtains the major portion of its natural gas operating revenues from the operation of a retail gas distribution system and that operates no transmission system other than incidental connections within its own system or to the system of another company. See also <b>Local Distribution Company</b> .
<b>Dual Billing</b>	See UBP Definitions in GTOP Addendum 1, SECTION 1, Appendix B.
<b>Energy Services Company (ESCO)</b>	See UBP Definitions in GTOP Addendum 1, SECTION 1, Appendix B.
<b>Gross Receipts Tax (GRT)</b>	The tax based on the total sales revenues derived from the furnishing of utility services.
<b>GTOP</b>	The Company's Gas Transportation Operating Procedures Manual.

<b>Home Energy Assistance Program (HEAP)</b>	A federal benefit and assistance program that helps qualifying low income households pay their heating and cooling energy costs.
<b>Home Energy Fair Practices Act (HEFPA)</b>	HEFPA is the title part of the New York Public Service Law (sections 30 et seq.). HEFPA authorizes the Commission to adopt implementing regulations; these regulations are set forth in 16 NYCRR Part 11 and are referred to as HEFPA regulations. The law and regulations cover initiation and termination of service, credit and collection policies, security deposits and related rules for transactions between utilities and their customers.
<b>Incumbent ESCO</b>	A term describing the current Supplier, when a Customer is scheduled to be switched to another ESCO or returned to Company provided sales service as of the next Control Date. For Pennsylvania, the equivalent term in Current NGS.
<b>Involuntary Switch</b>	A process or situation where a customer's energy Supplier is changed from one provider to another without the customer's authorization. This would include situations where a customer returns to utility service as a result of a Supplier's failure to deliver. An involuntary switch that is not in accord with the "Discontinuance of Service" provision set forth in the rules is referred to as "slamming"; See Slamming.
<b>Low Income Residential Assistance (LIRA)</b>	A program designed to assist economically disadvantaged customers in the reduction of their arrearages. Eligible customers will receive a lower gas rate, arrearage forgiveness, a conservation credit (as earned), and case management counseling with referrals made to other available programs when appropriate.
<b>MCF</b>	One thousand (1000) cubic feet. This is a measure of gas usage. The average domestic user consumes 100-200 Mcf annually. Very roughly, 1 Mcf = 1 MMBtu = 1 Dth = 1 gigajoule.
<b>Market Pool</b>	A logical grouping of end-use transportation customer burner tips or an aggregation group designated and authorized to receive gas; within the context of EDI, equivalent to Gas Pool.
<b>Marketer</b>	A competitive gas supplier, equivalent to ESCO - See UBP Definitions in GTOP Addendum 1, SECTION 1, Appendix B.
<b>Natural Gas Supplier (NGS)</b>	For Pennsylvania, (1) An entity that sells or arranges to sell natural gas to customers that is delivered through the distribution lines of an NGDC. (2) An entity other than a NGDC, but including natural gas distribution company marketing affiliates (without regard to structural relationship), which provides natural gas supply services to retail gas customers utilizing the jurisdictional facilities of a NGDC. The term includes a NGDC that provides natural gas supply services outside its certificate service territories. The term includes a municipal corporation, its affiliates or any joint venture, to the extent that it chooses to provide natural gas supply services to retail customers located outside of its corporate or municipal limits. For New York – see ESCO.
<b>New Delivery Customer</b>	See UBP Definitions in GTOP Addendum 1, SECTION 1, Appendix B.
<b>Non-aggregated Transportation Customers</b>	A customer, with annual natural gas consumption in excess of 3,500 Mcf that acts on its own behalf as a Direct Customer under the UBPs in arranging to bring natural gas to the utility's City Gate.
<b>Non-residential Applicant</b>	Any person, corporation or other entity that has requested and made application for gas service as a non-residential customer.
<b>Non-residential Customer</b>	Any person, corporation or other entity, supplied by Distribution with gas service under Distribution's tariff and pursuant to an accepted application for service, who is not a residential customer as defined in Distribution's tariff.
<b>Normal Business Hours</b>	7:30 AM to 5:00 PM on normal business days, i.e. the hours staffed during the days on which the Company is open for regular business.

<b>North American Energy Standards Board (NAESB)</b>	A nonprofit North American industry association whose mission is to “propose and adopt voluntary standards and model business practices designed to promote more competitive and efficient natural gas and electric service, as such standards apply to electronic data interchange (“EDI”) record formats and communications protocols and related business practices that streamline the transactional processes of the natural gas and electric industries.”
<b>Pending ESCO</b>	A term describing the prospective Supplier, when a Customer is scheduled to be switched from sales service or another Supplier as of the next Control Date.
<b>Pennsylvania Public Utility Commission (PAPUC or PUC)</b>	The regulatory body in Commonwealth of Pennsylvania that governs procurement, gas sales and transportation services of Distribution.
<b>Pool</b>	Pools are groups of customers supplied by one Marketer; see Market Pool.
<b>Pool Agent</b>	The Pool Agent is responsible for establishing and maintaining a Pool. Only the Pool Agent can change the parameters of a Pool.
<b>Pool Operator</b>	A general term that is applicable to either Market Pool Operators or Production Pool Operators. In most cases, this term is interchangeable with Pool Agent.
<b>Public Service Commission of the State of New York (NYPSC or PSC)</b>	The regulatory body in New York State that governs procurement, gas sales and transportation services of Distribution.
<b>Rate</b>	The unit charge or charges made by an energy company or utility to customers for energy.
<b>Ratepayer Billing Account (RBA)</b>	A nine-digit number assigned to a transportation customer for identification purposes. See Distribution Utility Customer Account Number within the UBP Definitions in GTOP Addendum 1, SECTION 1, Appendix B.
<b>Residential</b>	Private household establishments which consume energy primarily for space heating, water heating, air conditioning, lighting, refrigeration, cooking and clothes drying. The classification of an individual consumer's account, where the use is both residential and commercial, is based on principal use.
<b>Residential Applicant/Customer</b>	Any person who requests gas service at a premises to be used as his or her residence or the residence of a third party on whose behalf the person is requesting service, and where the person meets the criteria set forth in 16 NYCRR, paragraph 11.2(a)(2).
<b>Retail Access Program</b>	The transmission, distribution, and delivery by Distribution to the customer of natural gas requirements, furnished to Distribution by the customer or by a third party on the customer’s behalf pursuant to the provisions of Commission No. 207 and in particular Rule 39.
<b>Retail Supplier</b>	An energy services company who has registered with the Commission, been approved as a provider of natural gas service to customers in New York, and has met all other approval requirements of Distribution; see ESCO.
<b>Restricted STBA</b>	For purposes of EDI and creditworthiness requirements, an STBA Group that limits enrollments to STBA Customer accounts under common ownership. All Restricted STBAs are also Direct Customers.
<b>Slamming</b>	See UBP Definitions in GTOP Addendum 1, SECTION 1, Appendix B.
<b>Special Meter Read</b>	See UBP Definitions in GTOP Addendum 1, SECTION 1, Appendix B.
<b>Special Needs Customer</b>	See UBP Definitions in GTOP Addendum 1, SECTION 1, Appendix B.
<b>Supplier Transportation Balancing and Aggregation (STBA)</b>	Service available under Distribution’s SC-19 whereby Distribution will provide transportation and balancing services to facilitate the redelivery of gas supplies from the City Gate to the customer.

<b>STBA Customer</b>	Transportation Service customer who has elected an alternative gas Supplier approved under the terms of SC-19 of Distribution's tariff.
<b>STBA Group</b>	The Supplier's Group of STBA customers, i.e. the Gas Pool.
<b>Supplier</b>	For New York, (1) Signatory to an STBA Agreement who, in the sole judgment of Distribution, has been determined creditworthy for participation in the STBA program or (2) A third party provider, aggregator or Marketer of natural gas; see ESCO. For Pennsylvania - see Natural Gas Supplier.
<b>Tariff</b>	A document filed by a regulated entity with either a federal or state commission. It lists the services the entity will provide, rates the regulated entity will charge to provide service to its customers, and the terms and conditions that it will follow in providing service.
<b>Telemetry</b>	Process by which measured quantities of gas are transmitted through telecommunication to a remote location.
<b>Transportation Customer</b>	Transportation Service customer of Distribution; an ESCO customer that receives delivery service from Distribution is a type of transportation customer.
<b>Uniform Business Practices (UBPs)</b>	Refers to the guidelines originally adopted by the Commission in Case No. 98-M-1343 as of April 15, 1999 and as modified from time to time.
<b>Voluntary Switch</b>	A process or situation where a customer's energy Supplier is changed from one provider to another with the customer's direct authorization.
<b>Website</b>	A set of related web pages on internet usually accessible from a single worldwide web domain. Distribution's website, for UMEG purposes, is <a href="http://www.nationalfuelgas.com/marketers/default.aspx">http://www.nationalfuelgas.com/marketers/default.aspx</a> .

## FILE FORMATS

### Electronic Exchange of Daily Delivery Quantity Data

ADDQ information (in PDF format) can be obtained through TSS each morning after 8:45 AM by executing the TSS shortcuts EADDQ (for aggregation market pools) or EEDDQ (for SC-16 market pools).

Additionally, ADDQ information is available in the standard file format for electronic exchange of daily delivery quantity data between LDCs and Marketers approved in the Commission's Opinion and Order on Implementation of Electronic Data Interchange (Opinion No. 00-05), issued April 12, 2000. As a general description, this is a flat ASCII file in comma separated value (.CSV) format. The first row of the file is comprised of the standard field names or standard abbreviations for the data elements in the order in which the corresponding data is to appear in all subsequent rows. The CSV ADDQ flat file contains one row of data per pool. Should a Marketer operate several pools, one row of data is provided per pool. In the case of non-aggregation transportation pools, one row of data is provided per RBA.

Distribution's implementation has the following file layout:

<b>Field Name</b>	<b>Abbreviation</b>
Transaction ID	Tran ID
System Date	Sys Date
Utility DUNS	TSP
Marketer DUNS	Svc Req
Transaction Type	TT
Unit of Measure for Energy	Units
ADDQ for Month/Year	Acct Per
Pool ID	Svc Req K
Account Number	Dn K
ADDQ for Day 1	A1
ADDQ for Day 2	A2
ADDQ for Day 3	A3
...	
ADDQ for Day 31	A31
Contact Name	Contact Name
Contact Phone	Contact Phone

To obtain a file in this format, TSS shortcuts EADDQF (for aggregation market pools) or EEDDQF (for MMT or DMT market pools) should be utilized.

## Utility Combined Billing Rate Submission

### File Format

The rates must be submitted as an Excel workbook attachment to the email. The format for the workbook consists of eight columns with a header row consisting of eight columns. In addition to the header row, a row should be provided for each Rate Code for which a rate change is being submitted. An example is shown below:

<b>Marketer ID</b>	<b>Rate Effective Date</b>	<b>Rate Code</b>	<b>Rate (\$ per ccf)</b>	<b>Prorate?</b>	<b>Commodity Discount</b>	<b>Total Bill Discount</b>	<b>Zero Percent Indic</b>
999999	11/28/2012	1A	0.987654	Y			

Alternatively, a sample file may be obtained by contacting Transportation Services.

### Process

All rates should be submitted to Transportation Service via email to [TSD-Notify@natfuel.com](mailto:TSD-Notify@natfuel.com).

## **TESTING SCRIPTS**