Vectren Energy Delivery of Ohio
EDI Choice File Standards

Natural Gas Choice Program

VECTREN

SUPPLIER EDI FILE STANDARDS

TABLE OF CONTENTS

Gas Customer Choice Overview

As Vectren Energy Delivery of Ohio enters the Customer Choice program in Ohio, it is necessary for Vectren to be able to communicate with trading partners via electronic transactions (see figure below). Since different systems are used by Vectren and the suppliers, a standard file format has been developed which all involved parties will adhere to. More information on the Vedo Supplier Format is described within this document.
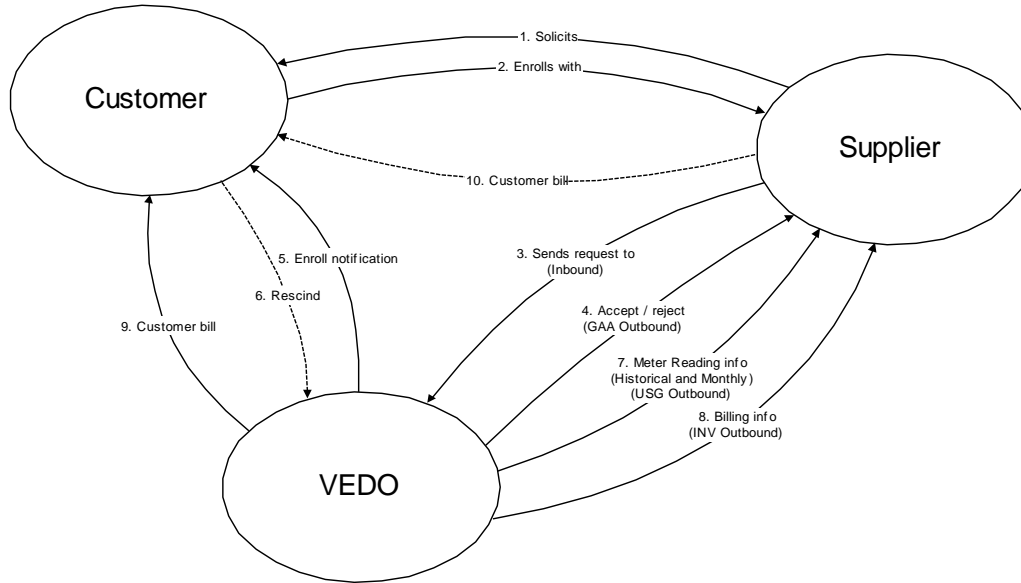
High Level Process

- The supplier submits an enrollment request which is accepted or rejected.
- After the next on-cycle billing, the customer will be switched to the new Supplier.
- From the next billing, the customer will bill under the choice agreement each month until they are dropped.
- Meter read information is sent to the supplier each month. Supplier invoice (charge) information will be sent to the suppliers each month for those suppliers that elect to use the consolidated, rate ready billing method.
- The supplier has the option to bill for their portion of the charges.
- Based on the billing option, VEDO will bill for all charges or just the VEDO charges.
- A drop request can come from the supplier; it can also be initiated by VEDO for a variety of reasons such as if the customer is disconnected or if the customer calls VEDO to drop.
- When a customer is dropped, they will return to VEDO sales service until another choice enrollment is accepted.

List of Ohio Gas Transactions

Action code	Action name	Request or response
VAPA	Application Advice from ESP	Response
VGAACRQ	Change	Request
VGAACRS	Change	Response
VGAADRQ	Drop	Request
VGAADRS	Drop	Response
VGAAE	Enrollment	Both
VGAAH	Historical Usage	Both
VINV	Invoice - LDC Cons. Billing	Request
VUSGH	Historical Usage	Response
VUSGM	Metered Usage	Response

Enrollment

Normal enrollment sequence of transactions

1) Supplier sends enrollment request to VEDO
2) VEDO sends enrollment response within 3 days of original request to Supplier:
   a) Accept response OR
   b) Reject response
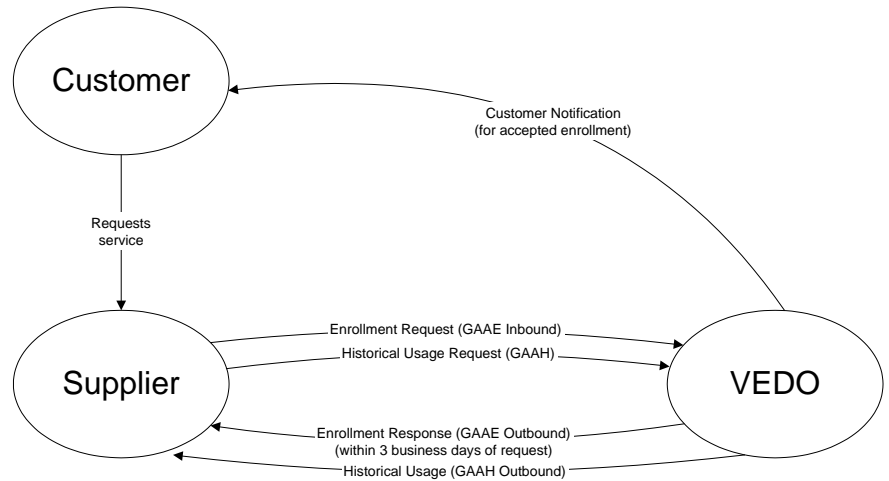
Customer enrolls with supplier B while already enrolled with supplier A

1) Supplier B sends enrollment request to VEDO
2) VEDO sends (within 3 days of original request):
   a) Enrollment response to Supplier B (Accept/Reject)
   b) Drop request to Supplier A if supplier B enrollment accepted
3) Supplier A sends drop response to VEDO within 3 days of drop request ONLY if rejected for data (no Accept transaction needed)
4) If customer rescinds enrollment with Supplier B within 10 days, VEDO sends:
   a) Rescind request to Supplier B
   b) Reinstate request to Supplier A
5) Supplier B sends rescind response to VEDO within 3 days of drop request ONLY if rejected for data (no Accept transaction needed)
6) Supplier A sends reinstate response to VEDO within 3 days of drop request ONLY if rejected for data (no Accept transaction needed)

Notes

A customer must enroll with their supplier to join the choice program. VEDO will not accept enrollment requests directly from customers.
The supplier will send in an enrollment request.
The enrollment request will be either be accepted or rejected based on the account criteria.
VEDO will inform the supplier of the acceptance or rejection of the enrollment request.
In the case of an accepted enrollment, VEDO will provide a written notification to the customer to confirm their enrollment.

Enrollment Replacement Flow
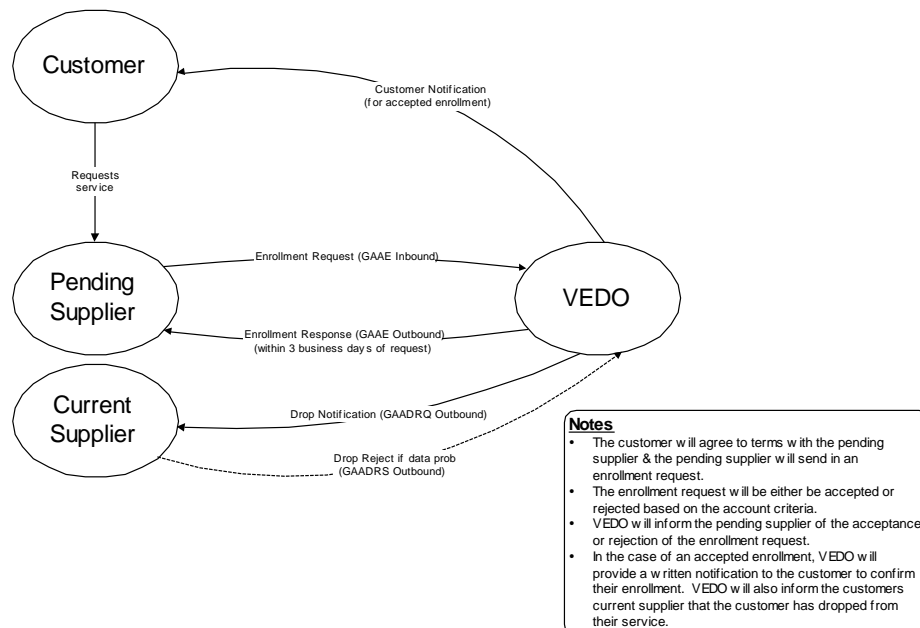
Notes
- The customer will agree to terms with the pending supplier & the pending supplier will send in an enrollment request.
- The enrollment request will be either be accepted or rejected based on the account criteria.
- VEDO will inform the pending supplier of the acceptance or rejection of the enrollment request.
- In the case of an accepted enrollment, VEDO will provide a written notification to the customer to confirm their enrollment. VEDO will also inform the customers current supplier that the customer has dropped from their service.

Customer Rescind Flow

Customer

Customer Rescind
Request

Supplier ← Rescind Notification
(GAADRQ Drop Request)

Rescind Notification
(GAADRS Drop Reject)

VEDO

Notes
- The customer will make a written or verbal notification to VEDO to rescind their enrollment request.
- VEDO will validate this request and will inform the supplier of this through a drop request.
- If the supplier does not agree with this, then they should work with the customer. The supplier would need to send a new enrollment request to reinstate the enrollment. The ONLY rejections that the supplier should send back to VEDO would be for data problems.

Drops

Supplier Initiated Drop

1) Supplier sends drop request to VEDO
2) VEDO sends drop response within 3 days of original request to Supplier:
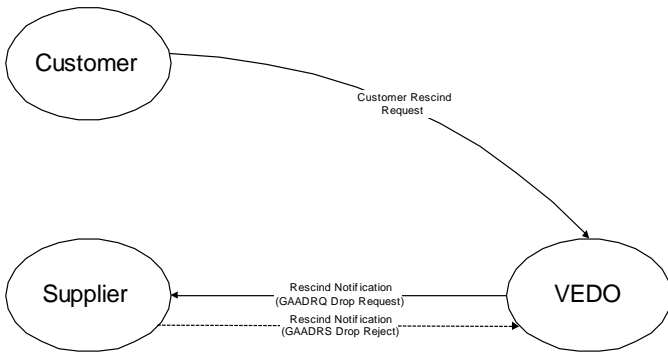   a) Accept response OR
   b) Reject response
3) Next on-cycle meter read, VEDO sends meter read transaction to Supplier which can be considered the customer's final read for service with the supplier

Customer

Request drop

Supplier → Drop Request (GAADRQ Inbound) → VEDO
← Drop Response (GAADRS Outbound) ←
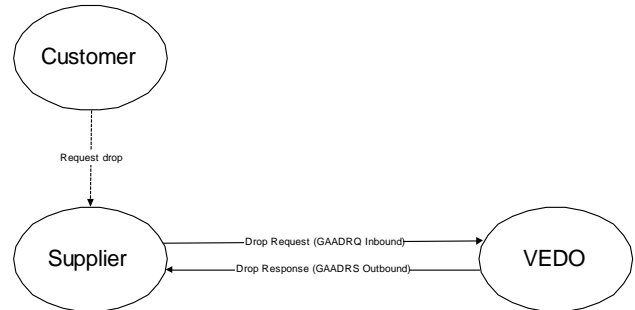
Notes
- A customer can contact supplier to drop from the choice program.
- If supplier agrees to customer request, they will send drop request transaction to VEDO
- If approved, VEDO will send a drop notification to supplier.

Customer

Requests drop

Supplier ← Drop Request (GAADRQ Outbound) ← VEDO

Drop Response (GAADRS reject only - Accept not needed)
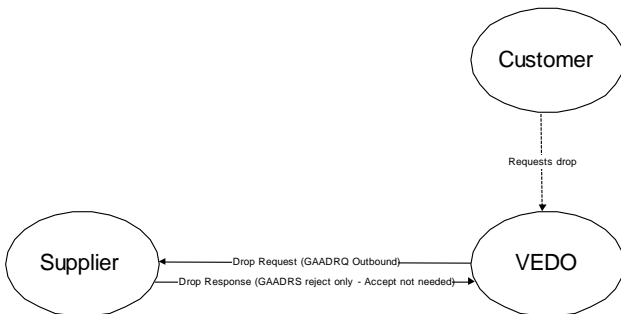
VEDO Initiated Drop

1) VEDO sends drop request to Supplier
2) Supplier sends reject response if data problem. If no data problems exist, an Accept transaction is NOT REQUIRED
3) Next on-cycle meter read, VEDO sends meter read transaction to Supplier which can be considered the customer's final read for service with the supplier

Notes
- A customer can contact VEDO to drop from the choice program.
- VEDO will process the drop request & update the system to record this.
- VEDO will inform the supplier of the customer drop request.
- If the supplier does not agree to the customer drop request, they will need to work this out with the customer & send in a new enrollment request to initiate service again for the customer.

Changes

Supplier initiated change

1) Supplier sends change request to VEDO for one of the following reasons:
   a) Change of Supplier customer account number
   b) Change of customer's tax exemption percentage
   c) Change Rate Code

Customer

Request change (change of exemption percentage)

Supplier — Change Request (GAACRQ Inbound) → VEDO

Notifies if problem; otherwise assume accepted
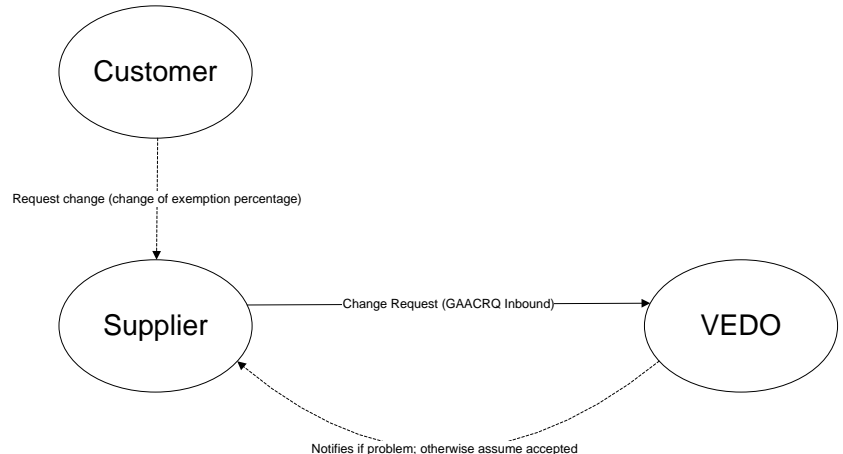
Notes
- A customer can contact supplier with an update to their tax exemption percentage.
- If supplier agrees to customer request or if the supplier changes the customers accoutn number, they will send change request transaction to VEDO
- If approved, VEDO will make the change and no transaction sent. If there is a problem, VEDO will notify supplier by rejected transaction.

VEDO initiated change

1) VEDO sends change request to Supplier for one of the following reasons:
   a) Change of customer's meter reading cycle
   b) Meter exchange
   c) Change of service start date
2) Supplier sends reject response if data problem. If no data problems exist, an Accept transaction is NOT REQUIRED

Customer

Requests change

Supplier — Change Request (GAACRQ Outbound) — VEDO
— Change Response (GAACRS reject only - Accept not needed) →
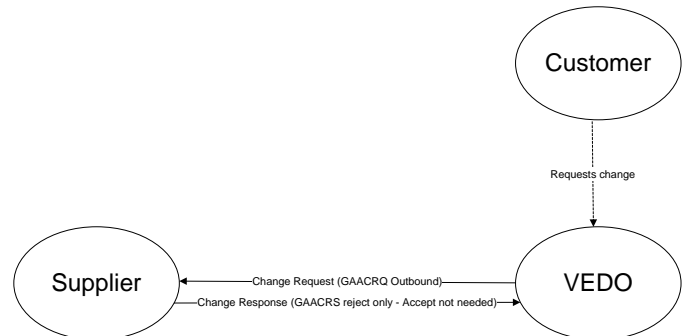
Notes
- A customer can contact VEDO to make administrative change (billing address, etc) or VEDO may make a change that produces a transaction to be sent to the supplier (meter exchange, etc).
- VEDO will process the change request & update the system to record this.
- VEDO will inform the supplier of the change request.
- The transaction can be rejected back to VEDO for Data, otherwise no Accept transaction required.

Billing

VEDO (Consolidated Rate Ready) Billing Flow

Revised: April, 2010

Each billing period, VEDO will send the following transactions:

1) Meter read transaction. The meter read transaction may be an original read, cancellation of previous read or duplicate.
2) Invoice transaction. The invoice transaction may include an original charge, cancelled charge, replacement (re-billed) charge or duplicate.
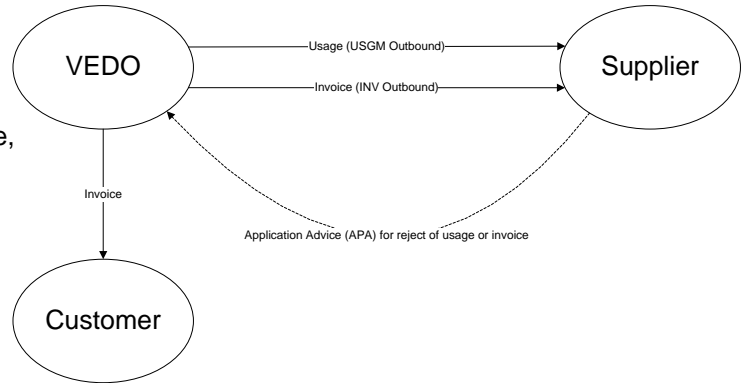
Notes
- VEDO will provide the supplier with meter reading & usage information on the USG outbound file.
- VEDO will calculate the supplier charges in the VEDO billing system & transmit these to the supplier on an 810 outbound file.
- VEDO will send the customer a single consolidated billing statement containing both VEDO & supplier charges.

Supplier and VEDO (Dual) Billing

Each billing period, VEDO will send a meter read transaction to the supplier. The meter read transaction may be an original read or a cancellation of previous read.
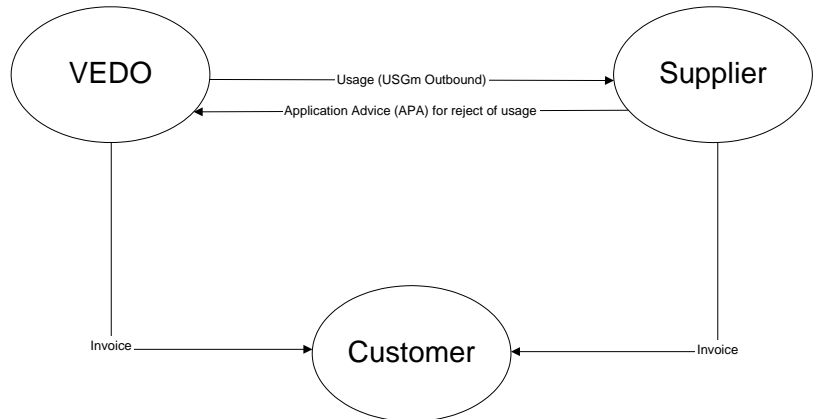
Notes
VEDO will provide the supplier with meter reading & usage information on the USG outbound file.
VEDO will calculate its own charges in the VEDO billing system & send the customer a bill containing the VEDO charges.
The supplier will calculate its own charges in its billing system & send the customer a bill containing the supplier charges.

SUPPLIER EDI FILE STANDARDS

File Specification Information

What is the VEDO Supplier Format?

VEDO's Supplier File Specification Format is a stream-lined, object-based interface layout. It is a format where each object, whether repeating or not, is represented with a tagged line of data, in a tab field delimited formatted and end of record delimited file. Tabs should be inserted as placeholders for non-used fields. The file is not a fixed width file since using delimiters drastically reduces the file size. It is more flexible than a flat-file format in its handling of repeating records or objects within a transaction objects (or records), ability to easily handle and has much less overhead than other tagged formats, such as XML.

What types of VEDO File Specification Documentation are there?

In this documentation, there is a series of *VEDO Structural Layout* documents and a series of *Data Dictionary* documents. Each is briefly described in more detail below:

***VEDO Structural Layout* documents:** These are the supersets of data elements used to support multiple markets (and Distribution Companies within states) for each transaction set. This would also contain, field maximum size and type. Field types reflected are:

Char	Character
Real	Decimal Number (+/-)
Integer	Whole Number (+/-)
Date	CCYYMMDD
Time	HHMMSS

Specifically, there are 4 Structural Layouts: VGAA, VUSG, VINV and VAPA which are described below.

- ***VGAA (814) Structural Layout:*** Superset of data elements for **General Account Administration** transactions, including all Enroll, Drop, Reinstatement, and Change transactions, as well as Secondary Service Requests (Requests for Historical Usage).

- ***VUSG (867) Structural Layout:*** Superset of data elements for **Usage** Information transactions, including Current Usage, and Historical Usage.

- ***VINV (810) Structural Layout:*** Superset of data elements for **Invoice** / Billing transactions, including Distributor (LDC) Consolidated Rate Ready Billing.

- ***VAPA (824) Structural Layout:*** Superset of data elements for **Application Advice** transactions, which are used for Responses to non-GAA transactions sets.

***Data Dictionary* documents:** These documents are Market, Transaction and Direction specific. They provide specifications for a certain transaction set (VGAA, VUSG, VINV and VAPA) and Action within that transaction set (Drop, Reinstatement, Enroll, etc.), the subset of elements (out of the superset in the *Structural Layout*) and each field's possible values, conditions and requirements. Data Dictionaries are also direction-specific (sending or receiving), identifies parties by acronym.

File Layout Record Types

Order Dependency

Order Dependency or Numerical Ordering of Records is required and validated within transaction type (VGAA, etc.). Records within a document are placed in numeric ascending order by each record's record indicator and grouped by the Sender Transaction ID. The exception to this rule occurs when the relationship associated with a subordinate record type is dependent on a particular parent record type. In these instances a construct of intermingling record types will occur to ensure the association between parent and child type records. Transactions that do not conform to this standard are considered invalid. A single transaction document may contain multiple transactions. Each record type's purpose is

defined below with [R] designating whether that record type can repeat. Records (or groups of data elements) are as follows:

Document Info (1000) (Mandatory on **ALL** Structural Layouts)
This indicates whom the file is from and whom it is going to. This uniquely identifies the document.

Transaction Info (2000) (Mandatory on **All** Structural Layouts)
This indicates what the action is for the transaction based on Action ID. This also contains the first reference to Transaction ID, which uniquely identifies this transaction and the sender and receiver.

Organization (3000) [R] (Mandatory on **ALL** Structural Layouts)
This further indicates all of the parties involved with the transaction.

Customer (4000) [R]
This details identity and contact information for customers.

Account (5000) (Mandatory on **VGAA, VUSG** and **VAPA** Structural Layouts)
This identifies specific account and activity that applies to the transaction.

Invoice (5000) (Mandatory on **VINV** Structural Layout)
This identifies account, balance and activity for a given time period for this transaction.

Account Exceptions Info (5500) [R]
This allows for multiple status and/or rejection reason codes and descriptions for this transaction.

Meter (6000) [R]
This identifies metering details associated with this account for the transaction.

Quantity (6000) [R] (Mandatory on **VINV** Structural Layout)
This identifies the metered quantities for a specific period associated with the transaction.

Tax (6000) [R]
This identifies the details of taxes for a specific period associated with the transaction.

Meter Exceptions Info (6500) [R]
This allows for multiple status and/or rejection reason codes and descriptions for this transaction.

Charge (7000) [R]
This identifies the details of charges for a specific period associated with the transaction.

Trailer (9900) (Mandatory on **ALL** structural layouts)
This identifies the end of this document and total records.

Example of VGAA Transaction File
1000	DOCUMENT INFO
2000	TRANSACTION INFO
3000	ORGANIZATIONS
3000	ORGANIZATIONS
4000	CUSTOMER
4000	CUSTOMER
5000	ACCOUNT
6000	METER
6000	METER
2000	TRANSACTION INFO
3000	ORGANIZATIONS

3000	ORGANIZATIONS
4000	CUSTOMER
5000	ACCOUNT
6000	METER
6500	METER EXCEPTIONS INFO
2000	TRANSACTION INFO
3000	ORGANIZATIONS
3000	ORGANIZATIONS
4000	CUSTOMER
5000	ACCOUNT
6000	METER
6500	METER EXCEPTIONS INFO
6000	METER
6500	METER EXCEPTIONS INFO
9900	TRAILER

Certification Testing

Introduction

This information is intended as a preliminary introduction to VEDO and Energy Service Group's testing and certification services. It provides an overview of the steps needed to go "into production" with **VEDO** in Ohio Gas deregulated energy markets. This document is a very important resource for understanding **VEDO's** technical and operational requirements. As such, it is critical that it is read and retained for future reference.

Roles and Responsibilities

It is critical that all involved in this project understand their Roles and Responsibilities. The following are high level roles and responsibilities as they relate to the performance of certification testing:

Transaction Processes

ESG is responsible for all tasks required to exchange VEDO GCC transactions with **VEDO**'s designated trading partners or suppliers in the Ohio Gas market.

Compliance with Business Rules and Data Processing Procedures

ESG's systems will process data and accounts according to specific business rules and procedures that have been established in the Ohio Gas market by the guidelines established by VEDO. This ensures that the flow of data is appropriate, efficient and compliant with VEDO GCC Data Standard rules. ESG will oversee all enrollment, drop, change, billing and metering processes so that **VEDO** can be assured that their data exchange operations are compliant with regulatory authorities.

Trading Partner Management and Certification

ESG manages **VEDO**'s trading partner relationships and the technology required to exchange data with them. ESG conducts trading partner certification testing on behalf of **VEDO**, according to the VEDO's requirements. ESG performs transaction scenario testing with trading partners to mutually certify the integrity of data processing systems and processes.

Translation

The formats that will be offered in the Ohio Gas market for participation in VEDO's Gas Choice Program are flat files or utilization of the VEDO Supplier Web Portal.

Pre-Testing and Certification Activities

Following are activities and issues related to the Trading Partner Testing & Certification phase:

Revised: April, 2010

- ESG will provide a trading partner contact and briefing on the prerequisites that **Supplier** will need to complete prior to entering the testing and certification phase. Each and every trading partner will have legal and business requirements to satisfy before recognizing as a trading partner. Valid **Suppliers** will be designated and pre-approved by **VEDO**. **Note: It is VEDO's responsibility to fulfill the business requirements of any trading partner relationship. ESG assumes responsibility for the technical and procedural requirements. VEDO is responsible for establishing the business relationship with each trading partner and for completing requisite documentation, if applicable.**

- ESG's Implementation Specialist, in conjunction with ESG's Operations staff and systems, will conduct the frame-based test plans for trading partner certification. ESG's Implementation Specialist will contact **VEDO**'s business contact for any information required to conduct the testing and certification process.

- Testing and certification efforts with distinct trading partners may be conducted simultaneously. The initiation of these efforts is dependent upon the schedules of **VEDO** and ESG, which in some cases may require a wait until another batch has been scheduled. ESG understands how important it is to achieve rapid certification with **Suppliers** and will facilitate these batch-testing scenarios as rapidly as possible.

- Timeframes for Testing and Certification depend largely on the billing option to be certified and the trading partner's ability to stay on schedule (see above). Testing and certification of dual billing options require approximately 2-3 weeks for completion per trading partner. Certification of Consolidated Rate Ready billing typically requires another 2 weeks per trading partner.

- The status of testing and certification efforts will be conveyed during regular discussions between **VEDO** and the ESG Implementation Specialist as well as via email with Trading Partner Reports.

- When testing and certification is completed, Trading Partners will be issued a certification letter (see Appendix). This will come from **VEDO** and will be received either directly via mail/email or forwarded through ESG. This letter will be sent to each trading partners business and technical contacts. **VEDO** will have final approval of all trading partner certifications.

- After achieving certification, production dates will be determined and scheduled between **VEDO**, ESG, and the trading partner.

Testing

Connectivity Testing

The purpose of connectivity testing is to confirm that protocols compliant with the secure FTP standards are in place and operational. All parties prior to entering any business transaction testing must successfully complete all connectivity tests. Connectivity testing includes basic connectivity, encryption/decryption and exchange failure. See Appendix for FTP and Directory information.

This test will be conducted by ESG on behalf of **VEDO**.

Certification Test Plan

The Certification Test Plan provided will be utilized to obtain certification. This test will be conducted by ESG on behalf of **VEDO**. Suppliers will be allowed to become certified with only 1 bill option being either Dual or LDC Consolidated Rate Ready which will be designated on the Supplier Profile. Suppliers will only be allowed one bill option in production. If enrollments are received with a non-certified bill option, the enrollment will be rejected.

Certification Testplans are available for either Dual or LDC Consolidated Rate Ready certification. The testplans reflect scenarios and within each scenario, frames or transactions are identified that will accomplish a specific scenario. Testing will be conducted based on frames so that all scenarios are tested simultaneously.

Revised: April, 2010

Test Plan Description:

- *Scenario Information*: Briefly describes what the components and anticipated results are for this section. Each test plan contains multiple scenarios.
- *Account Number*: Provided from VEDO's test system and to be used for a particular scenario
- *Scenario Number*: Used to quickly identify a specific scenario
- *Frame*: Used to identify the file or transaction within a particular scenario (usually all Frames with the same number in the test plan are transmitted within the same file). A Frame is usually equivalent to a 1-day turnaround.
- *Responsibility*: Group that is responsible for transmitting or handling a specific Frame or transaction
- *Transaction Set*: Identifies the actual transaction that should be submitted
- *Description of Frame*: Describes briefly what transaction or result should occur within a specified Frame
- *Status/Results*: This section is used to track any issues that arise in testing as well as to show when a Frame and Scenario have been completed.

Sample Supplier Testplan (Dual)

Supplier Certification Testplan - DUAL BILLING	
Transaction Types:	**VGAA, VUSG, VINV and VAPA**
State:	**OH GAS**
Revision Date:	**8/12/2002**

Scenario #1 Information:

		Commodity:	Gas
		LDC Acct#:	
		ESP Acct#:	
Scenario Description:	Supplier sends Enrollment Request to VECTREN. VECTREN accepts Enrollment. VECTREN sends Metered Usage for single meter account. VECTREN requests Drop. Supplier accepts Drop.	***Name:***	
		Eff. Date:	
		Billing Option:	Dual
		Meter Type:	Single

Test Date	Frame	Responsibility	Transaction	Description of Frame	Status/Results
	F1	Supplier	**VGAA-Enrollment Request**	*Supplier creates and sends enrollment request to VECTREN.*	
	F2	VECTREN	**VGAA-Accepted Enrollment Response**	*VECTREN creates and sends accepted enrollment response to Supplier.*	
	F3	VECTREN	**VUSG-Metered Usage**	*VECTREN creates and sends Metered Usage to Supplier.*	
	F5	VECTREN	**VGAA-Drop Request**	*VECTREN creates and sends Drop Request to Supplier. Drop Reason = 020*	
N/A	F6	Supplier	**VGAA-Accepted Drop Response**	*Supplier accepts, no transaction sent.*	

Scenario #2 Information:

		Commodity:	Gas
		LDC Acct#:	9999999999
		ESP Acct#:	
Scenario Description:	Supplier sends Enrollment Request to VECTREN. VECTREN rejects Enrollment.	***Name:***	
		Eff. Date:	
		Billing Option:	Dual
		Meter Type:	Single

Test Date	Frame	Responsibility	Transaction	Description of Frame	Status/Results
	F1	Supplier	**VGAA-Enrollment Request**	*Supplier creates and sends Enrollment Request to VECTREN using Invalid Account Number.*	
	F2	VECTREN	**VGAA-Rejected Enrollment Response**	*VECTREN creates and sends rejected Enrollment Response to Supplier due to Invalid Account Number. Reason Code = A76.*	

Exception/Resolution Process

```
┌─────────────────────────────────┐
│ Supplier identifies production  │
│ issue and submits inquiry via   │
│ vedosupport@energyservicesgroup.│
│            net                  │
└─────────────────────────────────┘
              │
              ▼
┌─────────────────────────────────┐
│ Email is received by ESG and    │
│ email response is sent with     │
│ Ticket Number assigned to VEDO  │
└─────────────────────────────────┘
              │
              ▼
┌─────────────────────────────────┐
│ Ticket Number is logged in      │
│ Inquiry System (AEGIS) and is   │
│ assigned to Production          │
│ Specialist for investigation    │
└─────────────────────────────────┘
              │
              ▼
┌─────────────────────────────────┐
│ Production Specialist researches│
│ inquiry, determines action and  │
│ responds to Supplier with       │
│ resolution and then closes      │
│ ticket or responds with an      │
│ email indicating that ESG is    │
│ still researching.              │
└─────────────────────────────────┘
              │
              ▼
         Issue resolved
         within 24 hours?  ──── Yes
              │
              No
              │
              ▼
┌─────────────────────────────────┐
│ Supplier submits email request  │
│ to Production Manager           │
└─────────────────────────────────┘
              │
              ▼
         Issue resolved
         within 12 hours?  ──── Yes
              │
              No
              │
              ▼
┌─────────────────────────────────┐
│ Supplier submits email request  │
│ to VEDO                         │
└─────────────────────────────────┘
              │
              ▼
         Issue resolved
         within 12 hours?  ──── Yes
              │
              No
              │
              ▼
┌─────────────────────────────────┐
│ VEDO and ESG determine          │
│ resolution                      │
└─────────────────────────────────┘
              │
              ▼
        Ticket Closed
```

Trading Partner Help Desk

ESG provides dedicated support to **VEDO**'s trading partners. This feature provides each trading partner with access to support resources capable of solving any technical business related problems. **VEDO**'s trading partners will communicate with ESG's resources rather than **VEDO** resources to address administrative as well as technical and procedural issues that are encountered during transactional data exchanges.

Occasionally situations will occur where a Supplier may need to work directly with **VEDO** to resolve an issue. These types of issues are usually more business than data related.

Escalation Process

ESG encourages Suppliers to follow the outlined process in order to ensure that all issues are logged and tracked.

·High priority issues will be escalated automatically internally at ESG.

·All incidents do not need to be escalated internally (some take time to resolve due to Utility involvement and timing of transactions).

Appendix

Appendix A – Glossary

This is a glossary of abbreviations, business and technical terms in relation to the gas customer choice program. Please note that definitions are also provided with each of the Implementation Guides/File Specifications.

Term	Definition
Action Code	Specific action performed within a particular transaction set. Each transaction set has specific codes for each action
VAPA	*(824) Structural Layout:* Superset of data elements for Application Advice transactions, which are used for Responses to non-GAA transactions sets.
Bill Ready	A GCC billing option where the supplier calculates the supplier charges for a bill & then passed them to VEDO to place on a consolidated bill for the customer.
Billing Party	The method the supplier has chosen to have their customers billed (I.e. Dual Billing, Consolidated Billing)
Buying the Receivable	When VEDO is performing the billing on behalf of the supplier, they will purchase the value of the supplier charges from the supplier at a negotiated discount. It will then be VEDO's responsibility to collect this money from the customer.
Calculating Party	The party who will be calculating the customers charges in a choice billing arrangement (i.e. the supplier, the utility)
Commission	Public Utilities Commission of Ohio
Consolidated Bill	A billing arrangement where the customer will receive one bill containing both the VEDO and the supplier charges.
Consolidated Rate Ready	A GCC billing option where the supplier provides the LDC with the way its charges are calculated. VEDO will then calculate the charges & place them on a consolidated bill for the customer.
Cooling off period	A period of time where the customer can re-consider their decision to change suppliers. During this time, the customer can change their decision to remain with their current gas supplier without penalty.
Direction	A Data Dictionary is for a specific direction: ESP->LDC = Supplier to Distribution Company, or LDC->ESP = Distribution Company to Supplier
Drop Request	The receipt of a request from a supplier or customer to leave the GCC program & revert back to VEDO sales service.
Enrollment Request	The receipt of an enrollment request from a supplier to enroll a customer in the GCC program.
ESG	Energy Services Group
ESP	Energy Service Provider
VGAA	*(814) Structural Layout:* Superset of data elements for General Account Administration transactions, including all Enroll, Drop, Reinstatement, and Change transactions, as well as Secondary Service Requests (Requests for Historical Usage).
GCC	Gas Customer Choice
Implementation	Specific level of a Data Dictionary, which is either at the state or Distribution Company level
VINV	*(810) Structural Layout:* Superset of data elements for Invoice / Billing transactions, including Distributor (LDC) Consolidated Rate Ready Billing.
LDC or UDC	Local Distribution Company or Utility Distribution Company (e.g. VEDO)
Request / Response	A Data Dictionary for the direction of LDC-> ESP (Distribution Company to Supplier) can be either a Request or Response
Rescind	When a customer enrolls in the choice program, they can cancel their enrollment request without penalty during a 7 day period after the supplier sends the enrollment request to the utility.
Supplier / Distribution Company	• ESP: Energy Service Provider; used consistently as standard term for Supplier • LDC: Local Distribution Company, used consistently as standard term for Distribution Company
Switch	The action of a request from a supplier to move the customer's rate from one supplier's service to another. This is a combination of an enrollment and a drop.

Revised: April, 2010

SUPPLIER EDI FILE STANDARDS

Trading Partner	Suppliers that will be establishing business relationships and exchanging transactions with VEDO
Transaction Sets	Specific transaction types, which are defined as: VGAA, VUSG, VINV and VAPA
VUSG	*(867) Structural Layout:* Superset of data elements for Usage Information transactions, including Current Usage, Historical Usage, and Historical Interval Usage.
VEDO	Vectren Energy Delivery of Ohio

VECTREN

SUPPLIER EDI FILE STANDARDS

Appendix B – Supplier Connectivity Profile (Sample)

Supplier Name:	
Supplier DUNS:	
	Consolidated Billing Choice Suppliers will be required to use a DUNS + 0000. SCO Suppliers will be required to use a DUNS+ 0001. Dual Billing Choice Suppliers will be required to use a DUNS + 0002.
Address:	
Billing Option:	
Date:	

Supplier Business Contact:
Name:
Email Address:
Telephone:
Fax:
Preferred Method of Contact:

Supplier Technical Contact:
Name:
Email Address:
Telephone:
Fax:
Preferred Method of Contact:

ESG Transaction Management Testing:
Contact Name: Gary Lawrence
Email Address: Implementation@EnergyServicesGroup.net
Telephone: (781) 347.9032
Fax: (781) 871.0792
Preferred Method of Contact: Email

ESG Production:
Contact Name: Kelly Vitt
Email Address: Production@EnergyServicesGroup.net
Telephone: (781) 347.9052
Fax: (781) 871.0792
Preferred Method of Contact: Email

ESG FTP:
Contact Name: Mike Doherty
Email Address: Security@EnergyServicesGroup.net
Telephone: (781) 347.9025
Fax: (781) 871.0792
Preferred Method of Contact: Email

VECTREN

SUPPLIER EDI FILE STANDARDS

Return this form to Teresa Lewis, Manager, Gas Transportation Programs, Vectren Energy Delivery, One Vectren Square, Evansville, IN 47708.

The information on this form is used to provide the supplier and ESG with primary contact information, to be used in the event of questions in the file transfer process between ESG and the supplier.

VECTREN

SUPPLIER EDI FILE STANDARDS

Appendix C – Connectivity (FTP / Directory Structure Information)

FTP Site Address: ftp://ftp.energyservicesgroup.net

|	
User Name (Test):	ftp_test_vedo_supplierA
Password:	To be supplied verbally by ESG
User Name (Production):	ftp_vedo_supplierA
Password:	To be supplied verbally by ESG

File Naming Convention: vedo_suppliername_transactiontype _yyyymmdd_hhmmss.txt
File Encryption (PGP):   Yes

- **transactiontype** indicates file type and contents:
    - o VGAA
    - o VUSG
    - o VINV
    - o VAPA
- **YYYYMMDD** is for year, month and day
- **HHMMSS** is for hours, minutes, and seconds

Directory / Site Structure:

- **Inbox:** Folder where ESG places files to be retrieved

- **Outbox:** Folder where files should be placed to be sent to ESG

- **Archive:** ESG will post a **copy** of files sent to any Inbox folder in the respective Archive folder.
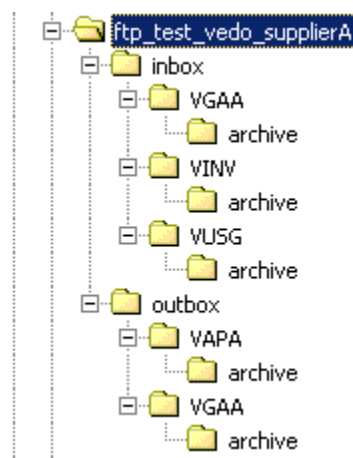
Appendix D – Operations Processing Schedule (Energy Services Group)

Energy Services Group Information:	
Address	33 Riverside Drive Pembroke, MA 02359
Telephone	(781) 829-9956
Fax	(781) 829-9967

Contact Information

PRODUCTION@ENERGYSERVICESGROUP.NET

Used for any Production related issues such as customer files or billing and is used to notify ESG that there is a problem with Production that needs investigating. Using this email list will automatically generate an email response with an incident ticket number.

Business Hours	
Monday – Friday: 8:00 a.m. - 5:00 p.m. EST (No holiday processing[1])	
Transaction Transmission Schedule	
Daily Inbound Transmission Schedule	Monday – Friday: 9:00 a.m., 12:00 p.m., 4:00 p.m. EST
Daily Outbound Transmission Schedule	Monday – Friday: 11:00 a.m., 1:00 p.m., 5:00 p.m. EST

Energy Services Group will support inquiries and transactional processing requests via our phone and/or e-mail both during normal business hours. Any messages received will be responded to during normal business hours within a 4-hour turn around time. In the event that turn around needs to be expedited, ESG will strive to accommodate such requests at no additional cost. However, depending on the situation, ESG reserves the right to charge a nominal fee for requests requiring substantial manual intervention.

VEDO CONTACTS:

TLEWIS@VECTREN.COM   Used to escalate issues directly to VEDO

EDICoordinators@vectren.com   Production Support

---

[1] *Energy Services Group currently adheres to the following Holiday schedule and does no processing on New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day or Christmas Day*

Revised: April, 2010

Custome

RE: Supplier Certification Letter

To Whom It May Concern:

This Certification Letter will confirm that **< Supplier Name>** and **Vectren Energy Distribution of Ohio** successfully completed **<Bill Type/Option>** testing of the **Ohio Gas** VEDO Formatted Transaction sets on **<Date of Certification>.** Completion of the **<Bill Type/Option>** testing certifies that both Companies successfully transmitted the following Transactions:

- VINV (810) Invoice
- VGAA (814) Change Request/Response
- VGAA (814) Drop Request/Response
- VGAA (814) Enrollment Request/Response
- VGAA (814) Historical Usage Request/Response
- VAPA (824) Application Advice
- VUSG (867) Historical Usage
- VUSG (867) Monthly Usage

< Supplier Name> is certified for the following bill options: **<Bill Type/Option>.**

If you should have any questions, please contact: **<Contact Name, Email and/or Phone>**