

Transaction Set Number	Document Name	Transaction Direction (Utility Perspective)		Central Hudson	Con Edison	Nat. Grid - Upstate	Nat. Grid - Downstate	NFG	NYSEG	O&R	RG&E
820	Remittance Advice	Utility Initiated	Outbound	YES	YES	YES	YES	YES	YES	YES	YES
248AA	Account Assignment Transaction	Utility Initiated	Outbound	NO	NO	NO	NO	YES	NO	NO	NO
503	Pricing History Request	<i>ESCO Initiated</i>	Inbound			YES	YES	T.B.D.	T.B.D.		T.B.D.
503	Pricing History Response	Utility Response	Outbound			YES	YES	T.B.D.	T.B.D.		T.B.D.
568AR	Accounts Receivable Advisement	<i>ESCO Initiated</i>	Inbound	NO	NO	NO	NO	YES	NO	NO	NO
568PA	Payments Advisement	Utility Initiated	Outbound	NO	NO	NO	NO	NO	NO	NO	NO
810 SR	Invoice Transaction – Single Retailer	Utility Initiated	Outbound	NO	NO	NO	NO	YES	NO	NO	NO
810 UBR	Invoice Transaction – Utility Bill Ready	<i>ESCO Initiated</i>	Inbound	NO	NO	NO	YES	NO	YES	NO	YES
810 URR	Invoice Transaction – Utility Rate Ready	Utility Initiated	Outbound	YES	YES	YES	NO	YES	NO	YES	NO
814C	Change Request	<i>ESCO Initiated</i>	Inbound			YES	NO	YES *	YES		YES
	Change Request Response		Outbound	YES	YES	YES	YES	YES	YES	YES	YES
	Change Request	Utility Initiated	Inbound			YES	NO		YES		YES
	Change Request Response		Outbound	YES	YES	YES	YES	YES	YES	YES	YES
814D	Drop Request	<i>ESCO Initiated</i>	Inbound	YES	YES	YES	YES	YES	YES	YES	YES
	Drop Request Response		Outbound	YES	YES	YES	YES	YES	YES	YES	YES
	Drop Request	Utility Initiated	Outbound	YES	YES	YES	YES	YES	YES	YES	YES
	Drop Request Response		Inbound			YES	YES		YES		YES
814E	Enrollment Request	<i>ESCO Initiated</i>	Inbound	YES	YES	YES	YES	YES	YES	YES	YES
	Enrollment Request Response	Utility Response	Outbound	YES	YES	YES	YES	YES	YES	YES	YES
814HU	Historical Usage Request	<i>ESCO Initiated</i>	Inbound	YES	YES	YES	YES	YES	YES	YES	YES
	Historical Usage Request Response	Utility Response	Outbound	YES	YES	YES	YES	YES	YES	YES	YES
814R	Reinstatement Request	Utility Initiated	Outbound	YES	YES	YES	YES	YES	YES	YES **	YES
	Reinstatement Response	<i>ESCO Response</i>	Inbound	YES	NO	YES	YES	YES	YES	NO	YES
824AA-NN	Application Advice (Negative Notification)	<i>ESCO Initiated</i>	Inbound	YES	NO	NO	YES	YES	YES	NO	YES
	Application Advice (Negative Notification)	Utility Initiated	Outbound			NO	YES		YES		YES
824AA-PN	Application Advice (Positive Notification)	Utility Initiated	Outbound	NO	NO	NO	YES	NO	YES	NO	YES
867HU	Historical Usage	Utility Response	Outbound	YES	YES	YES	YES	YES	YES	YES	YES
867MU	Monthly Usage	Utility Initiated	Outbound	YES	YES	YES	YES	YES	YES	YES	YES
997	Functional Acknowledgement	<i>ESCO Response</i>	Inbound	YES	YES	YES	YES	YES	YES	YES	YES
	Functional Acknowledgement	Utility Response	Outbound	YES	YES	YES	YES	YES	YES	YES	YES

\* ESCO 814C Requests are currently accepted for a limited subset of segments

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Workpaper - Prepared for Sep. 11, 2015 Meeting

Transaction Set Number	Name	Purpose
248AA	Account Assignment Transaction	<ul style="list-style-type: none"> <li>• This 248 Account Assignment Transaction Set may be used by a billing party to notify a non-billing party that the responsibility for collecting or applying an account receivable/credit has been reassigned to the non-billing party.</li> <li>• When the payment method is Pay-As-You-Get-Paid, a 248 transaction is used by the billing party to report to the non-billing party (in accordance with section 9.J.6.b. of the Uniform Business Practices) any balance remaining on its customer's account on or before 23 days after the final bill containing the non-billing party charges is issued</li> <li>• When the payment method is POR, a 248 transaction may be used by the billing party to notify the non-billing party that pre-POR balances, unpaid tax amounts and/or certain unpaid charges in connection with utility reconnection of service (also known as "lesser of" amounts) are reassigned to the non-billing party for collection.</li> <li>• The reconciliation of the receivables balances for amounts reassigned for collection (owed by the non-billing party) or credit balances being returned (owed to the non-billing party) will be affected via a debit or credit adjustment to a cash remittance with the detail communicated in an 820 Remittance transaction.</li> <li>• These standards are based on the ASC X12 Ver/Rel 004010 standard and related UIG guidelines. This transaction set is not applicable to the Single Retailer model.</li> </ul>
503	Pricing History	<ul style="list-style-type: none"> <li>• This 503 Pricing History Transaction Set is used to request bill amounts for what the utility would have charged the Customer if it had been the supplier during historic periods for which the requesting ESCO provided supply service to the Customer.</li> </ul>
568AR	Accounts Receivable Advisement	<ul style="list-style-type: none"> <li>• This 568 Account Receivables Advisement Transaction Set Standard is applicable to Utility Rate Ready Consolidated Billing Model. Transactions based on this standard are used by an ESCO, when the payment method is Pay-As-You-Get-Paid, to:                             <ul style="list-style-type: none"> <li>• communicate a beginning debit or credit balance on a customer's account, or</li> <li>• notify the Utility of account receivables adjustments for a customer's account that originated with the ESCO, or</li> <li>• provide amounts associated with either an ESCO initiated termination notice or a deferred payment agreement.</li> </ul> </li> <li>• This transaction is not used in the Utility Rate Ready Consolidated Billing Model when the payment method is POR.</li> <li>• This standard is based on the ASC X12 Ver/Rel 004010 standard and related UIG guidelines.</li> </ul>
568PA	Payments Advisement	<ul style="list-style-type: none"> <li>• The 568 Payment Advisement transaction is used by a Utility to communicate customer payment information to an ESCO when a customer receives a Utility Rate Ready consolidated bill and the payment processing method is Purchase of Receivables (POR) with Recourse.</li> <li>• The scope of this document addresses processes associated with Utility disposition of payments made on consolidated bills including payment allocation (between the billing and non-billing parties) and notification of customer payments (or payment reversals to the ESCO via an 568 Payment Advisement.</li> <li>• These standards are based on the ASC X12 Ver/Rel 004010 standard and related UIG guidelines.</li> </ul>
810 SR	Invoice Transaction – Single Retailer	<ul style="list-style-type: none"> <li>• This 810 Single Retailer Invoice Transaction Set is used to transmit billing information to the ESCO for charges due to the Utility. These standards are based on the ASC X12 Ver/Rel 004010 standard and related UIG guidelines.</li> </ul>
810 UBR	Invoice Transaction – Utility Bill Ready	<ul style="list-style-type: none"> <li>• This 810 Utility Bill Ready Invoice Transaction Set is used to transmit a Billing Invoice to the Utility when a consolidated bill is to be rendered that will include ESCO charges for their end use retail customer. These standards are based on the ASC X12 Ver/Rel 004010 standard and related UIG guidelines.</li> </ul>
810 URR	Invoice Transaction – Utility Rate Ready	<ul style="list-style-type: none"> <li>• This 810 Rate Ready Invoice Transaction Set is used to transmit a Billing Invoice to the ESCO when a consolidated bill is rendered for their end use retail customer. These standards are based on the ASC X12 Ver/Rel 004010 standard and related UIG guidelines.</li> </ul>
814C	Change Request & Response	<ul style="list-style-type: none"> <li>• An 814 Change transaction is used to communicate changes in customer account information between market participants. The 814 Change Standards are based on the ASC X12 Ver/Rel 004010 standard and related UIG guidelines.</li> </ul>
814D	Drop Request & Response	<ul style="list-style-type: none"> <li>• This 814 Drop Transaction Set is used to discontinue a customer's current or pending relationship with an Energy Supplier (Utility or ESCO). These standards are based on the ASC X12 Ver/Rel 004010 standard and related UIG guidelines. Refer to the Drop Business Process Document for a detailed description of the scenario's which require the use of a TS 814 Drop transaction.</li> </ul>
814E	Enrollment Request & Response	<ul style="list-style-type: none"> <li>• This 814 Enrollment Transaction Set will be used to enroll or switch a customer, and to request secondary services coincident with that customers' enrollment. These standards are based on the ASC X12 Ver/Rel 004010 standard and related UIG guidelines.</li> </ul>

Transaction Set Number	Name	Purpose
814HU	Historical Usage Request & Response	<ul style="list-style-type: none"> <li>This 814 Consumption History Transaction Set is used to request either electric or gas history on a customer's account. A request for a customer's history data may also be made in conjunction with an enrollment request (See the NY 814 Enrollment Transaction Implementation Guide). These standards are based on the ASC X12 Ver/Rel 004010 standard and related UIG guidelines.</li> </ul>
814R	Reinstatement Request & Response	<ul style="list-style-type: none"> <li>The 814 Reinstatement is used to reinstate a customer with their incumbent ESCO when a pending enrollment for a new ESCO is canceled.</li> </ul>
820	Remittance Advice	<ul style="list-style-type: none"> <li>This 820 Remittance Advice Transaction Set is used to transmit Remittance information to the ESCO when a consolidated bill is to be rendered and funds are owed to the non-billing party. These standards are based on the ASC X12 Ver/Rel 004010 standard and related UIG guidelines.</li> <li>An 820 Remittance transaction is used to transmit details regarding payments or adjustments pertaining to either (1) the non-billing party's share of customer payments received by the billing party or (2) billing party purchase of a non-billing party customer receivable.</li> <li>At the discretion of the billing party, an 820 Remittance transaction may be used to communicate amounts owed by (or to be credited to) the non-billing party for services performed by the billing party such as consolidated billing services, collection activities, balancing charges, late fees, etc.</li> <li>This implementation guide is not intended for use from the Utility or ESCO to the bank. However, please note the format requirements for the re-association trace number in the banking transaction as outlined below.</li> <li>This guideline is presented from the perspective of the sender initiating the payment remittance advice.</li> </ul>
824AA-NN	Application Advice (Negative Notification)	<ul style="list-style-type: none"> <li>An 824 Application Advice is sent to communicate a negative response or error situation to the initiator of a transaction when an EDI transaction, other than an 814, cannot be processed by the recipients system.</li> <li>In New York, an 824 Application Advice transaction may be used to reject the following EDI transactions: 248 (Account Assignment), 568 (Contract Management Report), 810 (Invoice), 820 (Payment Order/Remittance Advice), 867 HU (Consumption History/Gas Profile) or an 867 MU (Monthly Usage).</li> </ul>
824AA-PN	Application Advice (Positive Notification)	<ul style="list-style-type: none"> <li>An 824 Positive Notification transaction is used following receipt of an 810 Invoice to confirm acceptance of the Invoice transaction and to report bill details from the consolidated bill issued to the customer. Instructions for the Positive Notification are contained in a separate Implementation Guide.</li> <li>In New York, an 824 Positive Notification transaction is used by the billing party to notify the non-billing party of billing information presented in the customer's consolidated bill. The use of this transaction is limited to scenarios in which a consolidated bill is rendered using the Bill Ready model. In that model, an 824 Positive Notification transaction is sent by the billing party following receipt, processing and acceptance of an 810 Invoice from the non-billing party and presentation of the customer's consolidated bill.</li> <li>When an 810 Invoice sent by the non-billing party is rejected, the billing party will send an 824 Application Advice to notify the non-billing party. Please refer to the Implementation Guide for the 824 Application Advice and the Notification Advice for Consolidated Billing Business Processes – Bill Ready Models for more detailed information regarding processes associated with rejection of an 810 Invoice in the Bill Ready model.</li> </ul>
867HU	Historical Usage	<ul style="list-style-type: none"> <li>This 867 Transaction Set is used to return Historic Usage or Gas Profile information in response to an 814 Consumption History/Gas Profile Request or to a secondary request for history/gas profile data sent in an 814 Enrollment Request transaction. These standards are based on the ASC X12 Ver/Rel 004010 standard and related UIG guidelines.</li> </ul>
867MU	Monthly Usage	<ul style="list-style-type: none"> <li>This implementation guide describes the format and content for an 867 transaction containing either current consumption or usage data by account. This transaction will be sent to the ESCO/Marketer of record, subsequent to enrollment, after the data has been validated for billing.</li> </ul>
997	Functional Acknowledgement	<ul style="list-style-type: none"> <li>A 997 FA reports the results of syntactical analysis of transaction sets.</li> <li>A 997 FA may report the acceptance or rejection of the entire functional group, or may report acceptance or rejection of particular transaction sets within the functional group. In New York the 997 FA is required as a response to every transaction received (other than a 997). However, the entire functional group may be rejected if there are structural problems such as:                         <ul style="list-style-type: none"> <li>The functional group trailer record is missing</li> <li>The number of included transaction sets does not match the actual count.</li> </ul> </li> <li>A 997 FA essentially informs the sender of an EDI transaction that "I have received your message". The 997 also indicates that (1) the message that was received had no syntactical errors and was accepted, or (2) the message that was received had syntactical errors and was accepted with errors noted, or (3) the message that was received had syntactical errors and was rejected.</li> </ul>