
NYSEG/RG&E Supplemental EDI Implementation Guide



NYSEG



RG&E



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Document Change History

Date	Description
8/2015	Initial release of individual EDI transaction guides
6/2016	Combined transaction guides into one document
9/2017	Updated REF segment for 814 Enrollments
10/2017	Interval Usage requests not supported in 814C, 814E, 814HU, 867HIU, 867 MIU
10/2017	814D REF Reject Response Reason 7G A96 code not supported
1/9/2020	814HU- Interval Data requests via EDI, we do not support
3/13/2020	810UBR: added number of lines 810 cannot exceed; SAC04 CRE030; 814C: AMT*7; REF*7G rejection reason codes MOV & ECB; exchange of Customer email addresses & facsimile numbers with ESCOs via EDI; 814E: maximum number of enrollments per day; Support Service Portability via EDI; REF Identification (Public Aggregator) Segment; exchange of Customer email addresses & facsimile numbers with ESCOs via EDI; PER Administrative Communications Contact (Customer Phone Number) Segment to N1*BT loop via EDI; AMT03 in AMT Monetary Amount (Future ICAP) Segment incl. Special Program Adjustment Indicator; REF 5*E; 503: Pricing History 820: RMR07 code of GR; 867MU: REF*BLT (Bill Option - DUAL/ESP/LDC) segment; 867HU: REF*SPL (ISO Location Based Marginal Pricing Zone); REF*IV (Gas Pool ID); REF~BF /814E REF~65 changes; 867HIU/MIU EDI Standards and supporting changes; 814D: Support of ESCO Contest Period Expiration NPD Code (No Pending Drop); 814R: Support of ESCO Contest Period Expiration NPD Code;
6/1/2020	814C, 814D, 814E, 814HU, 814R: Added- REF Reference Identification (Utility Account Number for ESCO) Segment: Not supported
8/31/2020	814HU: Added maximum number of HU requests per day
3/4/2021	810: SAC10 segment: we do not support decimal points
7/29/2021	814HU: If both an enrollment block and a history block exist, then the code of CAB is returned, not HUR.
8/12/2021	814E: added maximum number enrollments per day/time
9/14/2021	810: Added times bill windows close
11/23/2021	Removed: 867mu REF*BLT (Bill Option-DUAL/ESP/LDC) segment not supported as NYSEG/RGE now supports
12/16/2021	814E: we do not support HI & HG in Lin segment for secondary requests
3/8/2023	814E: updated enrollment amounts/times that can be received daily
5/3/2023	814C & 814E: do not support REF*KY
5/25/2023	Added EDO 814 Transaction limit category



Date	Description



General Information about EDI/Retail Access

POD ID NUMBERS

Utility POD ID Account Number (REF*12)

The utility account numbers are 15 alphanumeric characters in length.

They are called POD ids at NYSEG and RG&E.

NYSEG PODs always start N01 for electric and N02 for gas.

RG&E PODs always start R01 for electric and R02 for gas.

ENROLLMENTS

Enrollments for Electric accounts need to be received 5 business days prior to the scheduled read date to be enrolled for that next period.

Gas enrollments need to be received 10 business days prior to the scheduled read date to be enrolled for that next period.

BLOCKS

We have two blocks, an enrollment block which will block enrollment requests and historical requests if included in the same request, and a historical block that will block historical requests when requested separately.



814 Historical Usage

INBOUND

- Segment: **LIN** Item Identification
Loop: LIN
Lin05: GP

NYSEG and RGE do not support requests for GP. If a request with this Lin Segment is received, provided there is sufficient data provided, a Historical Usage response will be sent.

NYSEG and RGE do not support requests for interval data requests.

RESPONSE

NYSEG and RG&E utilize 2 different customer blocks: enrollment blocks, and usage blocks. Customers may request one or the other, or both blocks to be placed on their account.

Scenario 1:

Historical usage request received for an account with no historical usage block, but no consumption history is available:

- Segment: **REF** reference Identification (Response Information or Warnings)
Loop: LIN
Ref01: 1P
Ref02: HUL

Maximum number of historical usage requests that can be received per day is 10,000; 5,000 in the a.m. and 5,000 in the p.m.



Scenario 2:

Historical usage request received for an account with a historical usage block. Also, if both an enrollment block and a history block exist, then the code of CAB is returned, not HUR.

- Segment: **REF** reference Identification (Reject Response)
Loop: LIN
Ref02: ~~HUR~~ CAB

Scenario 3:

Historical usage request received for an account with an incentive rate

- Segment: **REF** reference Identification (Reject Response)
Loop: LIN
Ref02: A13
Ref03: Customer on Incentive Rate

*Enrollment Blocks, if present will be identified in the 867 Historical Consumption transaction, when an 867 transaction is sent. Please refer to the corresponding 867 HU supplemental guide.

REF Reference Identification (Utility Account Number for ESCO) Segment

Not supported



814 Enrollments

NYSEG and RG&E will enroll customers with a supplier with the next regularly scheduled read, provided that Electric requests are received at least 5 Business days in advance of the date, and Gas requests are received at least 10 business days in advance of the date, and the customer has not rescinded the pending enrollment. Valid enrollment requests that do not comply with these rules for electric & gas will be enrolled on the next succeeding meter read date for that customer.

NYSEG and RG&E are Utility Bill Ready Utilities that also support dual billing.

Maximum number of enrollments that can be received per day is 5,000; 2,500 in the morning prior to 10:30am EST and 2,500 in the afternoon after 2:30p.m. EST.

Secondary requests

NYSEG and RG&E do not support requests for Gas Profiles. If a request with this Lin Segment is received, provided there is sufficient data provided, a Historical Usage response will be sent. A secondary request for consumption history will be rejected when the enrollment request is rejected.

N1 Name (Customer)

N106 Service Portability Indicator
Not supported.

PER – Administrative Communications Contact

Not supported, no exchange of customer phone #s, fax, or email addresses

LIN – Product/Service ID Qualifier (LIN05)

GP not supported.
HI not supported.
HG not supported.

REF – (Enrollment; Response Information or Warnings)

If there is a Secondary Request for Historical Usage on the enrollment and there is an incentive on the account, then A13 will be sent in the REF02 and REF03 will state Customer on Incentive Rate.



REF11 – (ESCO account number)

ESCO account number should be no more than 20 characters

REF Reference Identification (Public Aggregator) Segment

Not supported

REF Reference Identification (Utility Account Number for ESCO) Segment

Not supported

Bill Presenter (REF*BLT)

DUAL is supported for Dual Billing

LDC is supported for Utility Bill Ready Billing

Bill Calculator (REF*PC)

DUAL is supported for Dual Billing and for Utility Bill Ready Billing

Gas Capacity Assignment/Obligation (REF*GC)

Not supported.

NYPA Discount Indicator (REF*YP)

Supported.

Special Meter Configuration (REF*KY)

Industrial Classification Code (REF*IJ)

Note: NYSEG and RG&E do not regularly update this information, however we will provide the information that is currently stored on the customer account, and not all customers will have an industrial classification code.

ICAP Effective Dates (DTM*AB2) *

Supported.

Future ICAP Effective Dates (DTM*AB4)

Supported.

Future ICAP Tag (AMT*8B)

Supported. We populate the AMT03 segment.



*ICAP: will include current and future ICAP tags for the current capacity year and may include the ICAP tags for the future capacity year depending upon when the inbound request is received. In April, segments will be populated with the future information for the upcoming capacity year. When not in April, if a future ICAP amount has been determined it will be sent. Our capacity year is from May 1st thru April 30th.

Support Service Portability via EDI

Not supported.

PER Administrative Communications Contact (Customer Phone Number) Segment to N1*BT loop via EDI

Not supported.

Exchange of Customer email addresses and facsimile numbers with ESCOs via EDI

Not supported.

814 Change

INBOUND

- Segment: **REF** Reference Identification (Reason for Change – Account Level)
Loop: LIN
REF01: TD

The following REF02 codes will be accepted:

N18R – Change name or service address

N1BT – Change name for mailing or mailing address

PERIC – Change information contact information

REF11 – Change ESCO customer account number

REFSU – Change special processing code

REFBLT – Change billing type (bill presenter)

REFPC – Change billing type (bill calculator)

Use of any code other than listed above, will result in the following response in REF02*:

A13 – Changes of type (REF02 from the change request) are not accepted

***REFIU** – Is not supported, and no rejection response is sent

Use of the following REF02 codes will produce two 814 response transactions: one for the bill calculator, and a second for the bill presenter:

REFPC – Change billing type (bill calculator)

REFBLT – Change billing type (bill presenter)

- Electric bill presenter changes will take effect with the next on cycle meter read date if the inbound change request is received up to 5 business days prior to the next on cycle meter read date.
- Gas bill presenter changes will take effect with the next on cycle meter read date if the inbound change request is received up to 10 business days prior to the next on cycle meter read date.
- 814 Change with REFIU we will reject with an A13: Changes of type REFIU are not accepted. (Interval Usage)

RESPONSE

The transaction containing an accept response will contain the REF*TD(s) from the request transaction.

The transaction containing a reject response will contain the rejection reason (REF*7G) and will contain the REF*TD(s) from the request transaction.

AMT*7

Supported.

OUTBOUND

- Segment: **REF** Reference Identification (Reason for Change – Account Level)
Loop: LIN
REF01 TD

An outbound change request will be sent for the following changes to a customer account:

AMTKZ – Changes to ICAP for Electric service only. Including ICAP tag and its associated effective dates located in the DTM AB2 segment.

DTM007- Changes to effective date

Not sent for a change of assigned service start/stop date.

For AMTKZ the date will be the date the change was made

DTM150 - Changes to service period start dates

DTM151 - Changes to service period end dates

N18R - Changes to customer's name or service address

N1BT - Changes to customer mailing address

REFBF - Changes to billing cycle

REFIJ - Changes to the industrial classification code

Note: NYSEG & RG&E do not regularly update this information, however the OPCO will provide the information currently stored on customer account.

REFNR – Changes to Budget Billing Status

REFSU - Guarantee of supply changes, i.e., life support

REFTDT - Changes to Account Settlement Indicator

REFTX - Changes to Utility Tax Exempt Status

REFYP - Changes to NYPA Program

REF*KY

Not supported.

REF*5E

Not supported.

PER – Administrative Communications Contact (Customer Phone Number)

Not supported; no exchange of customer phone #s, fax, or email addresses

AMT – Monetary Amount (ICAP) is supported and the AMT03 will be populated. In April segments will be populated with the future information for the upcoming capacity year. When not in April, if a future ICAP amount has been determined it will be sent.

REF*7G rejection reason codes MOV & ECB

Not supported.

REF Reference Identification (Utility Account Number for ESCO) Segment

Not supported



814 Drops

Drop requests for Electric accounts need to be received 5 business days prior to the scheduled read date. Gas Drop requests need to be received 10 business days prior to the next meter read date.

ESCOs can send EDI drops for their own pending enrollment. This will cancel their enrollment attempt. To do this; the drop must be received at least one day before the switch date.

REF 7G A96 code

Not supported.

ESCO Contest Period Reinstatement Requests via EDI

Not supported.

Drop codes CHA/CHU

Not supported.

NPD code (No Pending Drop) ESCO Contest Period Expiration

Not supported.

REF Reference Identification (Utility Account Number for ESCO) Segment

Not supported



814 Reinstatements

Reinstatements requests are initiated by NYSEG/RG&E. NYSEG/RG&E does not accept Reinstatement requests from ESCO's.

NPD code (No Pending Drop) ESCO Contest Period Expiration
Not supported.

REF Reference Identification (Utility Account Number for ESCO) Segment
Not supported



810 Invoice – UBR

EDI 810s received prior to 4:30 PM EST, will be processed that business day. EDI 810s received after 4:30 PM will be processed the next business day.

810 Invoice - UBR

NYSEG/RG&E uses the Purchase of Receivables business model.

The number of “charge” lines where the ESCO can place their charges has a limit of no more than 75 lines

Total Outstanding Balance (BAL*M YB)

Not supported.

Beginning Balance (BAL*M J9)

Not supported.

CRE030 SAC04 Charge Type

Supported.

SAC10 Segment

Decimals not supported



820 Remittance

**NYSEG/RG&E uses the Purchase of Receivables business model
820 remittance files are generated**

RMR07 code of GR
Not supported.



824 – Notification



867 Historical Usage

We have two blocks, an enrollment block which will block enrollment requests and historical requests if included in the same request, and a historical block that will block historical requests when requested separately.

NYSEG and RGE provide up to 12 months of consumption history, if it is available.

REF Reference Identification (ISO Location Based Marginal Pricing Zones).

Not supported.

REF Reference Identification (Gas Pool Id)

Not supported.

REF~BF /814E REF~65 changes

Not supported.

NYSEG and RGE do not support requests for Gas Profile information. If a request is received with this LIN Segment, provided there is sufficient data provided, an 867 Historical Usage response will be sent.

NYSEG and RGE do not support requests for Interval data information.

- Segment: **PTD** Product Transfer and Resale Detail (Additional Information)

Loop: PTD

NYSEG and RG&E will support the following Ref segments in REF01:

IJ – Industrial Classification Code

Note: NYSEG and RG&E do not regularly update this information, however the OPCO will provide the information that is currently stored on the customer account, not all customers will have an industrial classification code.

YP – NYPA Discount Indicator is supported

- *Segment: **QTY** Quantity (ICAP)

Will include current and future ICAP tags for the current capacity year and may include the ICAP tags for the future capacity year depending upon when the inbound request is received.

We populate the QTY03. If it is April, all current and future ICAP information is sent for current and future capacity year. If not April, all current and future ICAP information is sent for current capacity year. The capacity year for ICAP runs May 1st thru April 30th.



867 Historical Interval Usage

NYSEG and RG&E do not currently support HIU (Interval Usage)



867 Monthly Usage

867 Monthly Usage files are generated during the nightly batch process and will be sent between mid-night and 7am in most cases.

REF Reference Identification (Bill Option)

Not supported.



867 Monthly Interval Usage

NYSEG and RG&E do not currently support MIU (Interval Usage)



EDI Tansaction Examples



EDI 814 Transaction Limits

At NYSEG/RGE an ESCO has a daily limit to submit EDI 814 transactions, which include 814E, 814C, 814D, 814R of 2,500 EDI 814 transactions in the morning (prior to 10:30am EST) and 2,500 EDI 814 transactions in the afternoon (after 2:30pm EST) for a total of 5,000 814 transactions per day. This limit does NOT include 814HU requests.





503 Pricing History

NYSEG and RG&E do not currently support this transaction