NYSEG/RG&E
Supplemental EDI Implementation Guide

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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 enrollment & history block exist, 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
10/14/24	867MU: MEA03-added character line limit. Added: Daily transaction cut-off time
12/2/24	Added 810: Prefer ESCOs use TP1002 rather than MSC001

Date	Description

NYSEG and RG&E General Retail Access Information

POD ID NUMBERS
Utility POD ID Account Number (REF*12)
The utility Point of Delivery (POD) number is 15 alphanumeric characters in length.
NYSEG PODs always start N01 for electric and N02 for gas.
RG&E PODs always start R01 for electric and R02 for gas.

BLOCKS
NYSEG and RG&E have two blocks, enrollment, and historical usage (HU). If an HU request is included in the enrollment that is being blocked, this will also block the HU from being released.

DAILY TRANSACTION CUT-OFF
EDI transactions received prior to 4:30 PM EST, are processed that business day. EDI transactions received after 4:30 PM EST will be processed the next business day.

DAILY TRANSACTION LIMIT
NYSEG and RG&E have a daily maximum system limitation for inbound transactions:

814E/814D/814C/814R:
Limit above noted 814 EDI transactions to 2,500 in the morning (prior to 10:30 AM EST) and 2,500 in the afternoon (after 2:30 PM EST) for a total of 5,000 EDI 814 transactions limit per day.

When an ESCO needs to submit multiple EDI 814 or EDI 810 transactions at one time, the ESCO should submit one EDI file with multiple transactions of the same type (814 or 810) within one 814 or 810 file instead of submitting one EDI file per EDI transaction.

814HU:
Limit 814HU request transactions to 5,000 in the morning (prior to 10:30 AM EST) and 5,000 814HU request transactions in the afternoon (after 2:30 PM EST) for a total of 10,000 814HU transactions per day.

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 and RG&E uses the Purchase of Receivables (POR) business model.

The number of "charge" lines where the ESCO can place their charges has a limit of no more than 95 lines.

Total Outstanding Balance (BAL*M YB)
Not supported.

Beginning Balance (BAL*M J9)
Not supported.

SAC04 Charge Type:
      CRE030 Supported.
      MSC001 Supported, however prefer ESCOs use **TP1002**.

SAC10 Segment
Decimals not supported.

814 Historical Usage

INBOUND

Limit 814HU request transactions to 5,000 in the morning (prior to 10:30 AM EST) and 5,000 in the afternoon (after 2:30 PM EST) for a total of 10,000 814HU transactions per day.

- 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

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 are Utility Bill Ready (UBR) 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.

INBOUND

NYSEG and RG&E enroll customers with a supplier on the next regularly scheduled read, provided:

- Electric enrollment request is received at least 5 Business days in advance of the date.
- Gas enrollment request is received at least 10 business days in advance of the date.

Enrollment requests not meeting above rules are enrolled with next succeeding meter read date.

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 – <u>Account Level</u>)
  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

Electric drop requests must be received 5 business days prior to the scheduled read date. Gas drop requests must be received 10 business days prior to the next meter read date.

ESCOs can send an EDI drop for their own pending enrollment. This will cancel their enrollment attempt. 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 and RG&E. NYSEG and RG&E do 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

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820 Remittance

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

RMR07 code of GR
Not supported.

824 – Notification

867 Historical Usage

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

When an EDI 814 HU request is included in an 814E transaction that is blocked, the HU will not be provided due to the enrollment being blocked (rejected). ESCO must send separate 814HU request for usage.

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 don't support requests for Gas Profile information. If request received with 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 don't regularly update this, however OPCO will provide the information currently stored on customers 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 current capacity year; may include 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.

MEA03
Limit of 10 characters spaces.

If cancelled use exceeds the 10-character limit, the negative (-) sign will not appear; however, it is a cancel transaction so ESCOs should be aware it is cancelled (negative) use.

867 Monthly Interval Usage

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

503 Pricing History

NYSEG and RG&E do not currently support this transaction.