



National Grid NY Supplemental EDI Implementation Guide

National Grid NY Utilities
(KEDNY, KEDLI and NMPC)

5/20/2015

This document contains information on NGRID utility specific business rules, functionality and processes for reference purposes only.

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General National Grid Utility Information for the NY Market

Utility Name	Duns Number	Bill Options
KEDNY – National Grid Downstate Metro NY (BUG)	178077227	Dual and Utility Bill Ready
KEDLI - National Grid Downstate Long Island	848068529	Dual and Utility Bill Ready
NMPC – Niagara Mohawk Power Company	006994735	Dual and Utility Rate Ready

-**DUNS + 4**- NMPC does support a 9 digit DUNS number or DUNS + 4; KEDNY and KEDLI utilities do not support DUNS + 4, ESCOs must use a 9 digit DUNS.

-**LDC Account Number**- National Grid NY Utility LDC Account Numbers are 10 numeric characters in length.

-**KEDNY and KEDLI Temperature Control and Firm Accounts**-Temperature Control (TC) accounts are also called Interruptible and have rate codes of TC6 or TCG. These accounts can only be Dual billed (regardless of what a marketer is certified for and must be manually enrolled via email). Firm accounts can only be LDC Consolidated billing (rates 1A, 1B, 2A, 2B, T3, 4A and 4B).

-**NMPC Batch 3 Accounts**-Info on NIMO Batch 3 accounts:

-When a Batch 3 account is enrolled on the web the account attributes are provided to the supplier via a daily report on the web (Enrollments/Drops).

-Monthly usage info is provided via EDI however interval data/billing determinants are supplied over the web.

-All transaction with the exception of enrollments, drops and interval data are provided via EDI

-Batch 3 accounts can be dual billing or rate ready.

Summary of Changes

May 20, 2015	Initial Release
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814 HU – KEDNY/LI and NMPC

-The National Grid NY Utilities do not support a Gas Profile transaction.

-KEDNY and KEDLI will include Gas Profile Factors in their Historic Consumption transactions when available.

LIN – Product/Service ID (LIN05)

National Grid NY Utilities do not support a Gas Profile transaction.

KEDNY and KEDLI will include Gas Profile Factors in their Historic Consumption transactions when available.

Utility Account Number (REF*12)

For all National Grid NY Utilities the Utility Account Numbers are 10 numeric characters in length.

Utility Account Number for ESCO (REF*AJ)

Not used by National Grid NY Utilities.

814 E – KEDNY/LI and NMPC

-NMPC 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 15 calendar days prior to the next read date to be enrolled for that next period.

-KEDNY and KEDLI enrollments need to be received 15 calendar days prior to the next read date to be enrolled for that next period.

Customer Name (N1*8R) Service Portability Indicator (N106)

Service Portability Enrollments and the N106 element are not currently supported by National Grid NY Utilities.

LIN – Product/Service ID (LIN05)

National Grid NY Utilities do not support a Gas Profile transaction.

KEDNY and KEDLI will include Gas Profile Factors in their Historic Consumption transactions when available.

Utility Account Number (REF*12)

For all National Grid NY Utilities the Utility Account Numbers are 10 numeric characters in length.

Utility Account Number for ESCO (REF*AJ)

Not used by National Grid NY Utilities.

Bill Presenter (REF*BLT)

DUAL is supported by all National Grid NY Utilities for Dual Billing.

LDC is supported by KEDNY and KEDLI for Utility Bill Ready Billing

LDC is supported by NMPC for Utility Rate Ready Billing

Bill Calculator (REF*PC)

DUAL is supported by KEDNY and KEDLI for Dual Billing (REF*BLT = DUAL) and for Utility Bill Ready Billing (REF*BLT = LDC)

DUAL is supported by NMPC for Dual Billing (REF*BLT = DUAL)

LDC is supported by NMPC for Utility Rate Ready Billing (REF*BLT = LDC)

Current Budget Billing Status (REF*NR)

Not used by KEDNY and KEDLI.

ESCO Late Fees (REF*LF)

Not used by KEDNY and KEDLI.

Gas Pool ID (REF*VI)

Not used by National Grid NY Utilities

Gas Supply Service Option (REF*GS)

Required by KEDNY, KEDLI and NMPC Gas

Not applicable for NMPC Electric

Human Needs Customer (REF*ALC)

Used by KEDNY, KEDLI and NMPC Gas for Non-Residential Human Needs Customers

Not applicable for NMPC Electric

ISO Location Zone (REF*SPL)

Used by NMPC Electric only

Not applicable for NMPC Gas, KEDNY or KEDLI

Portion Taxed Residential (REF*RP)

Used by NMPC for Utility Rate Ready Billing

Not used by KED NY or KEDLI

Account Settlement Indicator (REF*TDT)

Used by NMPC Electric only

Not applicable for NMPC Gas, KEDNY or KEDLI

NYPA Discount Indicator (REF*YP)

Used by NMPC Electric only

Not applicable for NMPC Gas, KED NY or KEDLI

Industrial Classification Code (REF*IJ)

NMPC and KEDLI will provide the SIC when available

ICAP Effective Dates (DTM*AB2)

Used by NMPC Electric only

Not applicable for NMPC Gas, KED NY or KEDLI

Future ICAP Effective Dates (DTM*AB4)

Used by NMPC Electric only

Not applicable for NMPC Gas, KED NY or KEDLI

ESCO Budget Plan Installment Amount (AMT*B5)

Not used by KED NY or KEDLI

ESCO Budget Plan Balance (AMT*BD)

Not used by KED NY or KEDLI

Tax Exempt Percentage (AMT*DP)

Used by NMPC for Utility Rate Ready Billing

Not used by KED NY or KEDLI

Commodity Price (AMT*RJ)

Not used by National Grid NY Utilities

ESCO Fixed Charge (AMT*FW)

Not used by KED NY or KEDLI

Customer Tax Rate - Residential (AMT*9M)

Used by NMPC for Utility Rate Ready Billing

Not used by KED NY or KEDLI

Customer Tax Rate – Commercial (AMT*9N)

Used by NMPC for Utility Rate Ready Billing

Not used by KED NY or KEDLI

ICAP Tag (AMT*KZ)

Used by NMPC Electric only

Not applicable for NMPC Gas, KEDNY or KEDLI

Future ICAP Tag (AMT*8B)

Used by NMPC Electric only

Not applicable for NMPC Gas, KEDNY or KEDLI

NMPC will provide the Special Program Adjustment Indicator in AMT03 of the Future ICAP Tag segment, similar to the AMT03 defined for the current ICAP Tag segment.

Utility Load Profile (REF*LO)

Used by NMPC Electric only

Not applicable for NMPC Gas, KEDNY or KEDLI

Use Time of Day (REF*TU)

Used by NMPC Electric only

Not applicable for NMPC Gas, KEDNY or KEDLI

ESCO Rate Code (REF*RB)

Required in Enrollments to NMPC when the bill option is Utility Rate Ready Billing. For NMPC the ESP Rate Code is a 5 character value made up of a 2 character “Pricing Group” and a 3 character “Program Code”. The Pricing Group is setup directly with the utility.

Not used by KEDNY or KEDLI

814 C -NMPC

-NMPC Bill option changes need to be received 4 business days prior to the next read date to be changed for that next period. This applies to both gas and electric.

-KEDNY and KEDLI do not process change requests from ESCOs. Please contact NGRID to make Bill Option changes offline.

Utility Account Number (REF*12)

For all National Grid NY Utilities the Utility Account Numbers are 10 numeric characters in length.

Utility Account Number for ESCO (REF*AJ)

Not used by National Grid NY Utilities.

Bill Presenter (REF*BLT)

NMPC: DUAL is supported by NMPC for Dual Billing.

NMPC: LDC is supported by NMPC for Utility Rate Ready Billing

KEDNY and KEDLI do not process Bill Option changes via EDI. Please contact NGRID to make these changes offline.

Bill Calculator (REF*PC)

NMPC: DUAL is supported by NMPC for Dual Billing (REF*BLT = DUAL)

NMPC: LDC is supported by NMPC for Utility Rate Ready Billing (REF*BLT = LDC)

KEDNY and KEDLI do not process Bill Option changes via EDI. Please contact NGRID to make these changes offline.

Current Budget Billing Status (REF*NR)

Not used by KEDNY and KEDLI.

ESCO Late Fees (REF*LF)

Not used by KEDNY and KEDLI.

Gas Pool ID (REF*VI)

Not used by National Grid NY Utilities

ISO Location Zone (REF*SPL)

Used by NMPC Electric only

Not applicable for NMPC Gas, KEDNY or KEDLI

Portion Taxed Residential (REF*RP)

Used by NMPC for Utility Rate Ready Billing

Not used by KED NY or KEDLI

Account Settlement Indicator (REF*TDT)

Used by NMPC Electric only

Not applicable for NMPC Gas, KEDNY or KEDLI

NYPA Discount Indicator (REF*YP)

NGRID: Used by NMPC Electric only

Not applicable for NMPC Gas, KED NY or KEDLI

Industrial Classification Code (REF*IJ)

NMPC and KEDLI will provide the SIC when available

ICAP Effective Dates (DTM*AB2)

Used by NMPC Electric only

Not applicable for NMPC Gas, KED NY or KEDLI

ESCO Budget Plan Installment Amount (AMT*B5)

Not used by KED NY or KEDLI

Tax Exempt Percentage (AMT*DP)

Used by NMPC for Utility Rate Ready Billing

Not used by KED NY or KEDLI

Commodity Price (AMT*RJ)

Not used by National Grid NY Utilities

ESCO Fixed Charge (AMT*FW)

Not used by KED NY or KEDLI

Customer Tax Rate - Residential (AMT*9M)

Used by NMPC for Utility Rate Ready Billing

Not used by KED NY or KEDLI

Customer Tax Rate – Commercial (AMT*9N)

Used by NMPC for Utility Rate Ready Billing

Not used by KED NY or KEDLI

ICAP Tag (AMT*KZ)

Used by NMPC Electric only

Not applicable for NMPC Gas, KEDNY or KEDLI

*****Future Use - Assistance Program Participation Credit (AMT*7)**

Used by NMPC for Utility Rate Ready Billing

Not used by KED NY or KEDLI

Utility Load Profile (REF*LO)

Used by NMPC Electric only

Not applicable for NMPC Gas, KEDNY or KEDLI

Use Time of Day (REF*TU)

Used by NMPC Electric only

Not applicable for NMPC Gas, KEDNY or KEDLI

ESCO Rate Code (REF*RB)

Used in Requests to NMPC when the bill option is Utility Rate Ready Billing. For NMPC the ESP Rate Code is a 5 character value made up of a 2 character “Pricing Group” and a 3 character “Program Code”. The Pricing Group is setup directly with the utility.

Not used by KEDNY or KEDLI

814 D – KEDNY/LI and NMPC

-NMPC ESCO drop transactions for Electric account drops need to be received 5 business days prior to the scheduled read date to be dropped for that next period. Gas drops need to be received 15 calendar days prior to the next read date to be dropped for that next period.

-KEDNY and KEDLI ESCO drop transactions need to be received 15 calendar days prior to the next read date to be dropped for that next period.

-All National Grid NY Utilities will accept an ESCO drop transaction to cancel a pending enrollment up to 4 business days prior to the scheduled enrollment effective date or scheduled meter read date. This applies to both gas and electric.

- KEDNY will send B38 - Dropped (ESCO Initiated) for the drop reason code when the customer is dropped due to an enrollment from another marketer. CHA – Customer Changed to Another Service Provider is typically used in this situation.

-KEDNY will not send a drop when an account is closed. They will send only a final usage transaction.

Utility Account Number (REF*12)

For all National Grid NY Utilities the Utility Account Numbers are 10 numeric characters in length.

Utility Account Number for ESCO (REF*AJ)

Not used by National Grid NY Utilities.

Drop Reason (REF*1P)

KEDNY or KEDLI allow Incumbent ESCOs to cancel a pending switch to another ESCO by sending an 814 Drop Request with Drop Reason CHA. For KEDNY or KEDLI accounts with no switch pending CHA should not be used for an ESCO Drop Request, B38 should be used instead.

NMPC does not allow ESCOs to cancel a pending switch using an 814 Drop Request.

Gas Pool ID (REF*VI)

Not used by National Grid NY Utilities.

814 R – KEDNY/LI

Not applicable to NMPC

Utility Account Number (REF*12)

For all National Grid NY Utilities the Utility Account Numbers are 10 numeric characters in length.

Utility Account Number for ESCO (REF*AJ)

Not used by National Grid NY Utilities.

810 UBR – KEDNY/LI

Used by KEDNY and KEDLI for Utility Bill Ready Billing only

Not applicable for NMPC

-KEDNY and KEDLI only allow tax info to be sent in a TXI Tax Record. Invoices with tax info sent in SAC Charge Records will be rejected.

PID Text Message Segments

KEDNY and KEDLI do not allow the use of free-text messages in 810 UBR Invoices that will appear on the bill. They do allow ESCOs to set up structured bill messages with a 400 character limit. The ESCO would need to submit the message or messages that they would like to have appear on customer bills to NGRID. If approved NGRID will assign a code to each message and the code would be sent in the UBR 810 Invoice PID05 Description with PID01 Description Type sent as “S” for structured message. (ex. PID~S~GEN~~~ES0001~R1)

TXI Tax Segments

KEDNY and KEDLI will reject any UBR 810 Invoice with more than 10 TXI Tax Segments as this is the NY Market maximum for this segment.

SAC Charge Segments

KEDNY and KEDLI will reject any UBR 810 Invoice with more than 25 SAC Charge Segments as this is the NY Market maximum for this segment.

Charge Code (SAC04)

-KEDNY and KEDLI only accept these SAC04 Charge Codes in 810 UBR Invoices:

- CRE001 for Courtesy Credit
- ADJ010 for Corrected Charges
- BUD001 for Monthly Budget Amount
- BUD002 for Budget True-Up/Budget Settlement
- ADJ002 for Adjustment/Credit
- ENC001 for Current Gas Charges
- CRE030 Assistance Program Participant Credit (**Future Use)

Quantity (SAC10)

KEDNY will reject any UBR 810 Invoice with a SAC10 Quantity value with more than 2 decimal positions.

810 URR - NMPC

**Used by NMPC for Utility Rate Ready Billing only
Not applicable for KEDNY or KEDLI**

867 HU - KEDNY/LI and NMPC

-Consumption History is supported by all National Grid NY Utilities. When available up to 24 months of Historical Consumption will be provided.

-The National Grid NY Utilities do not support a Gas Profile transaction. KEDNY and KEDLI will include Gas Profile Factors in their Consumption History transactions when available.

Metered Consumption History Detail Loop (PTD*BQ)

KEDNY will provide a PTD*BQ Loop in 867HU transactions when the information is available.

Metered Consumption History Summary Loop (PTD*BO)

KEDLI and NMPC will provide a PTD*BO Loop in 867HU transactions when the information is available.

Unmetered Consumption History Summary Loop (PTD*BC)

NMPC will provide a PTD*BC Loop in 867HU transactions for unmetered service points when the information is available.

Measurement Reference Code (MEA01 in the PTD*BQ and PTD*BO Loops)

KEDNY and KEDLI will send the value CQ - Calculated Quantity to designate a measurement that's been created but hasn't actually been consumed or billed.

Not applicable for NMPC

Gas Profile Factor Loop (PTD*BG)

KEDNY and KEDLI will provide a PTD*BG Loop in 867HU transactions when the information is available.

Not applicable to NMPC.

Profile Period Start Date (DTM*193 in the PTD*BG Loop)

Provided by KEDNY when available

Not used by KEDLI and Not applicable for NMPC

Customer Initiated Service Date (DTM*629 in the PTD*BG Loop)

Provided by KEDNY and KEDLI when available

Not applicable for NMPC

Base Quantity (QTY*1Y in the PTD*BG Loop)

Provided by KEDNY and KEDLI when available

Not applicable for NMPC

Slope Quantity (QTY*FJ in the PTD*BG Loop)

Provided by KEDNY and KEDLI when available

Not applicable for NMPC

Load Factor (QTY*LP in the PTD*BG Loop)

Provided by KEDNY and KEDLI when available

Not applicable for NMPC

UFG Rate (QTY*LH in the PTD*BG Loop)

Provided by KEDNY and KEDLI when available

Not applicable for NMPC

Account Settlement Indicator (REF*TDT)

Used by NMPC Electric only

Not applicable for NMPC Gas, KEDNY or KEDLI

NYPA Discount Indicator (REF*YP)

Used by NMPC Electric only

Not applicable for NMPC Gas, KED NY or KEDLI

Industrial Classification Code (REF*IJ)

NMPC and KEDLI will provide the SIC when available

ICAP Effective Dates (DTM*007)

Used by NMPC Electric only

Not applicable for NMPC Gas, KED NY or KEDLI

ICAP Tag (QTY*KZ)

Used by NMPC Electric only
Not applicable for NMPC Gas, KEDNY or KEDLI

867 MU – KEDNY/LI and NMPC

820 – KEDNY/LI and NMPC

-KEDNY 820 Payments- For the POR Discount KEDNY sends the Discount Amount (RMR06) which is a percentage of the line item Invoiced Amount (RMR05) and also sends a discount amount at the Supplier level that is a fixed price per account. This discount at the Supplier level will have a Supplier Account Number (or Master Account Number (RMR14)) that denotes the type of adjustment. Currently KEDLI sends:

9999900001 - Bill Fee
9999900004 - Credit and Collection Fee.

-KEDLI 820 Payments-For the POR Discount KEDLI sends the Discount Amount (RMR06) which is a percentage of the line item Invoiced Amount (RMR05) and also sends a discount amount at the Supplier level that is a fixed price per account. This discount at the Supplier level will have a Supplier Account Number (or Master Account Number (RMR14)) that denotes the type of adjustment. Currently KEDLI sends:

9999900002 - Bill Fee
9999900003 - POR/Credit and Collection Fee

-NMPC 820 Payments-For the POR Discount NMPC sends the Discount Amount (RMR06) which is a percentage of the line item Invoiced Amount (RMR05) and also sends a discount amount at the Supplier level. This discount at the Supplier level will have a Supplier Account Number (or Master Account Number (RMR14)) that denotes the type of discount or adjustment. Currently NMPC sends:

9999900001 - Bill Fee
9999900002 - Dupe Bill Credit
9999900003 - POR Fee
9999900004 - Collections Fee

824 – KEDNY/LI

248 – Account Assignment

Not used by NMPC, KEDNY or KEDLI

568 – Accounts Receivable Advisement

Not used by NMPC, KEDNY or KEDLI

