1.	One account per 814	Each change transaction may contain only one account for one commodity (i.e. electric or gas.).
2.	Multiple Change Requests Per Transaction	The 814 Change transaction standard can accommodate more than one change request per commodity per account. At Con Edison, when an account has multiple changes on one day, separate 814 Change transactions may be sent.
3.	Data Content	At Con Edison a null value will be used to indicate when a data segment goes from having a value to having no value. A null value is where only the segment is sent (the segment is empty). For example, if a mailing address is removed from an account, the change code N1BT will be sent with a null value in all the mailing address data elements.
4.	Changes Requested When an Enrollment Is Pending	All changes other than E/M initiated requests to change a customer's billing option (Bill Presenter and Bill Calculator segments) will be processed for accounts that are pending enrollment (i.e. enrollment is pending but not yet effective) at the time the Change Request is received. Requests for changes to pricing/tax related data that are not part of a billing option change will be processed for accounts that are pending enrollment (i.e. enrollment is pending but not yet effective) at the time the Change Request is received.
5.	NM1 Loop	Changes to meter information are communicated in the NM1 loop. Each NM1 loop may: • Contain all changes for a particular meter. For example, where a meter is exchanged, all changes related to that meter must be in the same loop. • Contain all changes affecting the unmetered service on the account. • Contain a single change that pertains to all metered or unmetered service points on the account (e.g., Utility service class change).
6.	Response Transaction	Each NM1 loop is sent within a single LIN loop. If changes on multiple meters are being requested, the changes pertaining to each meter or unmetered

		service are sent in separate NM1 loops. There must be one response LIN for each request LIN. Requests are accepted or rejected at the LIN level. Responses may be created and sent at different times in different 814 transactions, but the response for each request must be sent within 2 business days. At Con Edison, the Change Response transaction will be sent as follows: • An Accept Response will contain the REF*TD(s) from the request transaction, but will only echo back the following segments: ESCO commodity price, tax exempt percent (sales tax rate), fixed charge, and ESCO/Marketer Customer Account Number. • A Reject Response will contain the rejection reason (REF*7G) and, will contain, the REF*TD(s) from the Request Transaction and will echo back the segments that were sent in error.
7.	Use of REF*TD segment	The REF*TD segments are used to indicate to the receiver the type of change that is being requested. At least one REF*TD is required on a Request transaction. REF*TD segments are located at the account (LIN) or meter (NM1) level within the document: • Each data element that is being changed at the Account (LIN) level must be associated with a REF*TD segment in the LIN loop. • Each data element that is being changed at the Meter (NM1) level must be associated with a REF*TD segment in the NM1 loop.
8.	Dependent Data Elements	Where the status of an account is dependent upon more than one data segment, a change in one data segment will necessitate changes in other data segments. If a change in such a status is requested and all dependent data segments are not sent, the change will be rejected.

		Detail on dependent data segments follows:
		• All Utility Requests Except for Assigned Service Start and Service End Dates - The following segment must be sent -Effective Date of Change • Billing Option Change to LDC - The following segments must be sent: Bill Presenter (LDC); Bill Calculator (LDC) E/M Commodity Price, E/M Tax Exemption Percent (Sales Tax Rate) • Billing Option Change to Agency - The following segments must be sent: Bill Presenter (ESP), Bill Presenter Description (AGENT), Bill Calculator (DUAL) • Billing Option Change to Dual - The following segments must be sent: Bill Presenter (DUAL), Bill Calculator (DUAL) • E/M Commodity Price - The following segment must be sent when this segment is not being sent as part of a billing option change: Effective Date of Change • E/M Tax Exemption Percent (Sales Tax Rate) - The following segment must be sent when this segment is not being sent as part of a billing option change: Effective Date of Change. • E/M Fixed Charge - The following segment must be sent when this segment is not being sent as part of a billing option change: Effective Date of Change • Service Address - The following segment must be sent -Customer Name • Mailing Address/Customer Telephone Number - The following segment must be sent -Name for Mailing
9.	REF Reference Identification (Account Settlement Indicator)	On accept response, Con Edison will indicate form usage is metered.
10.	REF Reference Identification (NYPA Discount Indicator)	At Con Edison, Recharge New York customers will be the only customers to trigger a Y for this segment.

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11.	REF Reference Identification (Utility Discount Indicator)	At Con Edison, we currently do not have any customers who receive a discounted rate. This segment will always be N.
12.	REF Reference Identification (Industrial Classification Code)	At Con Edison, we do not utilize the SIC Code. We will only provide the NAICS Code on accept responses. Not all of our customers have a NAICS Code. We will provide 000000 when a customer does not have a NAICS Code.
13.	REF Reference Identification (Utility Tax Exempt Status)	On Accept Responses, N will be provided if customer is fully taxable. Y will be provided if there is any tax exemption.
14.	REF Reference Identification (Interval Usage Option)	Interval Usage Option change will be in effect for the current bill cycle, if it submitted at least four calendar days prior to the next cycle date.

15.	When the Effective Date of Change Is Provided (DTM *007 segment)	At Con Edison a DTM*007 segment (Effective Date of Change) is used to communicate the effective date for a requested change in the following circumstances:
		
		• Utility Request - Required for all Utility initiated requests except for changes to Assigned Service Start and Service End Dates
		• Utility Response - Will be sent as follows:
		   o Billing Option Changes - Required on positive response to ESCO request for billing option changes and is sent for all related data elements (bill presenter, bill calculator, commodity price, tax exemption percent, E/M fixed charge, E/M customer account number, portion tax residential).
		   o Other Change Requests - For requests where effective date is optional, Con will:
		      ▪ Respond without an effective date when information is not being updated in Con Edison system(s).

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		• Respond with a date when information is being updated in Con Edison system(s) (e.g. E/M customer account number change).
		• ESCO Request - Must be sent as follows:
		    o Pricing/tax related data - Required on the following segments when these segments are not sent as part of a billing option change:
		        ▪ E/M Commodity Price (AMT*RJ)
		        ▪ E/M Fixed Charge (AMT*FW)
		        ▪ Tax Exemption Percent (used for Sales Tax rate at Con Edison).
		In these cases, if the requested effective date of the change is at least 4 calendar days prior to the cycle reading date, the ESCO requested date will be the effective date and will be provided on the Utility response. Where the requested effective date is less than 4 calendar days prior to the cycle reading date, the involved data element will be rejected.
		      • Other Change Requests - For other requests, including billing option (Bill Presenter and Bill Calculator and E/M commodity price, fixed charge, and tax exempt percent when they are part of a billing option change), effective date should not be sent, but if sent by the ESCO, will be ignored.

16.	Last In Rule On Change Requests	The last in rule applies on all change requests except billing option changes as follows:
		    • If an ESCO submits multiple changes prior to the implementation of any of them, the last one received will be implemented.
		
		    • It is important to note that this applies to billing option change requests, specifically, where multiple changes to bill option are sent prior to one of them becoming effective, the last one in will be implemented.

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		- It also applies to E/M changes to commodity price change, tax rate change, fixed charge. Specifically, the last commodity price change/tax rate change/fixed charge and its effective date will be applied as follows: - Effective date is earlier than prior request - The last request will be implemented for the earlier date. - Effective date is later than prior request - The last request will be enforced for the later date.
17.	First In Rule On Billing Option Changes	The first in rules applies to billing option changes. Specifically, if multiple billing option requests are received during a period, the first one received is implemented.
18.	Rejections	- Customer Account Number Missing; Utility Account Number for E/M Missing; Invalid telephone number (A13). - Account Not Found (A76) - Change Reason (REF*TD) missing or invalid (C11) - When a Change Reason Code is sent and the associated segment(s) are missing, the transaction will be rejected (API). - When an 814 Change is sent with multiple changes that are not dependent, they are accepted or rejected independently. For example, if an 814 Change is sent requesting changes in E/M Commodity Price (AMT*RJ) and Tax Exemption Percent (used for Sales Tax rate at Con Edison), one may be accepted and one may be rejected. - Where more than one Utility account number is sent by the ESCO in the transaction, the entire transaction will be rejected (A13).

Rejections (continued)	• Where more than one commodity type is sent by the ESCO, the entire transaction will be rejected (A13).
	• If duplicate requests for the same segments are sent within the same transaction, all loops having the same change reason code will be rejected. In addition, when a billing option change is sent, if duplicate requests for billing option, commodity price and tax rate are sent in the same transaction, all billing related requests will be rejected (A13).
	• When a change in a dependent data segment is requested, if all dependent data segments are not sent or one is rejected, the change will be rejected (A13).
	• When a request is made to change a billing option to DUAL or ESP, if changes to ESCO commodity price, tax rate or fixed charge are sent, all billing related requests in the transaction will be rejected (A13).
	• When the ESCO submits a change they are not authorized to request, it will be rejected with an A13 reason, "Change request not allowed". Invalid Requested Effective Date (DTM*007) is sent (A13, Invalid Requested Effective Date).
	• When an E/M requests a billing option change to ESP, and they are not authorized as a illing Agent, the request will be rejected (A13, Marketer is not an authorized billing agent).
	• When an E/M requests a billing option change to LDC, and they are not approved for Utility Consolidated Billing (CUBS), the request will be rejected (A13, Marketer is not authorized for utility single bill.).
	• When a billing option change is requested on an account pending enrollment, the change will be rejected (A13,Account pending enrollment).

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	Rejections (continued)	• When a change to billing option to ESP is requested and the account has a Utility Payment Agreement in effect, the request will be rejected (A13, Account ineligible for Agent billing-has Payment Agreement). (This is currently under review.) • When changes in E/M commodity price, tax exemption percent, and fixed charge are requested, and the effective date of change requested is less than 4 calendar days from the cycle reading date, the requested change will be rejected (A13, Missed Read Cycle). • When a billing option change is requested for the same option that exists on the account at the time of the request, the change will be rejected (A13, Account is already billing option requested). • When a billing option change is requested that is a duplicate of one that is already pending with the same effective date the change will be rejected (ABN). • When a billing option is requested that has an incorrect bill presenter, bill calculator combination, it will be rejected (A13, Invalid Billing Option). • When a billing option change is requested where a billing option change is pending, it will be rejected (A13, Account pending ESB or USB). • When an invalid commodity price is requested, it will be rejected (A13, Invalid Price). • When an invalid tax rate is requested, it will be rejected (A13, Invalid tax rate). •
19.	When A Change That Has Been Accepted Does Not Become Effective	If an account is turned off or switched prior to the effective date of a change, the requested change will not take effect.
20.	N1 Name (E/M/Marketer) / E/M Name	Con Edison will provide the E/M Name as it appears in Con Edison files

21.	N1 Name (Customer) / Customer Name	Only sent if change is being reported in either the customer name associated with the account or the service address.
22.	N3/N4 (Service Address)	Only sent if Utility is reporting a change in the service address. Dependency = N1 Name.
23.	N1 Name (Name for Mailing)	Only sent if change is being reported on either the customer name associated with the mailing address, mailing address or the customer telephone number.
24.	N3/N4 (Mailing Address)	Only sent if change is being reported in the mailing address. Dependency = N1 Name.
25.	PER (Customer Phone Number)	Only sent if ESCO is reporting a change. At Con Edison the content of this segment will be validated to ensure that the phone number is all numeric or that for a change to remove a telephone number, the value is null.
26.	REF Reference Identification (E/M / Marketer Customer Account Number) / Reference Identification	Only sent if ESCO/Marketer is reporting a change.
27.	REF Reference Identification (Utility Account Number	Must be present on all transactions. When the Utility reports a change in account number, the new account number will be sent in this segment. Dependency = Effective date of change.
28.	REF Reference	Con Edison will provide the Previous Utility Account Number, where the account number has changed in the last 90 days.
29.	REF Reference Identification (Utility Account Number for E/M/ Marketer) / Reference Identification	At Con Edison, this segment must always be sent.
30.	REF Reference Identification (Meter Cycle Code) /Reference Identification	Only sent if Utility is reporting a change. Dependency = Effective date of change.
31.	REF Reference Identification (Bill Cycle Code) /Reference Identification	Only sent if Utility is reporting a change. Dependency = Effective date of change.

32.	REF Reference Identification (Bill Presenter) / Reference Identification	Only sent if change being reported. See Item 8 above for information on dependent data elements.
33.	REF Reference Identification (Bill Calculator) /Reference Identification	Only sent if change being reported. See Item 8 above for information on dependent data elements.
34.	REF Reference Identification (Current Budget Billing Status) / Reference Identification	Only sent if Utility is reporting a change. Dependency = Effective date of change
35.	REF Reference Identification (Partial Participation Portion) / Reference Identification	Not used at Con Edison, since partial participation does not apply to Con Edison accounts.
36.	REF Reference Identification (Customer on Life Support) / Reference Identification	Not used at Con Edison.
37.	REF Reference Identification (Gas Pool ID) / Reference Identification	Not used at Con Edison.
38.	REF Reference Identification (Gas Capacity Assignment/Obligation) / Reference Identification	Required on Con Edison Gas Enrollment Requests. For all Con Edison Gas Accounts, since E/M must arrange capacity for the Customer being enrolled E/M must always submit "N" indicating that E/M will arrange for Customer capacity. If ESCO submits a change request with a "YES", Con Edison will reject.
39.	Reason For Change	Change Effective Date (DTM007) - this will be the reason for change when there is a change in effective date on a pending billing option change (e.g., due to a change in meter read cycle, etc.).
40.	REF Reference Identification (ISO Location Based Marginal Pricing Zone)	Only sent if Utility is reporting a change. Dependency =Effective Date of Change (DTM*007).

41.	REF Reference Identification (Portion Taxed Residential) / Reference Identification	Not used at Con Edison.
42.	DTM (Assigned Service Start Date	Sent by the Utility when an enrollment is pending, and there is a change in enrollment date.
43.	DTM (Assigned Service End Date)	At Con Edison sent by the Utility when a drop is pending for the customer and there is a change in service end date.
44.	AMT Monetary Amount (Tax Adjustments)/ Monetary Amount	Used at Con Edison as sales tax rate. Sent if the ESCO is requesting a billing option change to LDC, or if the ESCO is reporting a change in sales tax. Dependency = Effective Date of Change (DTM*007) when not part of billing option change request; if date is sent when part of a billing option change, it will be ignored.
45.	AMT Monetary Amount (Commodity Price) / Monetary Amount	Sent if the ESCO is requesting a billing option change to LDC, or if the ESCO is reporting a change in commodity price. Dependency = Effective Date of Change (DTM*007) when not part of billing option change request; if date is sent when part of a billing option change, it will be ignored.
46.	AMT (E/M Fixed Charge)	Sent if the ESCO is requesting a billing option change to LDC, or if the ESCO is reporting a change in E/M fixed charge. Dependency = Effective Date of Change (DTM*007) when not part of billing option change request; if date is sent when part of a billing option change, it will be ignored.
47.	AMT Monetary Amount (Electric Capacity Assignment)	In the Enrollment Accept Response, Con Edison provides the ICAP tag (Installed Capacity Tag). ICAP changes will not be reported by Con Edison via the 814 Change transaction. Since these changes occur annually, an annual notification will be sent, and information provided in the Marketer Account Listing will be updated as applicable.
48.	NM101 Codes	The following codes are used to indicate the type of change being reported at the meter level: 'MA' is used for a meter addition. 'MQ' is used when changes to existing meter data are being sent. 'MX' is used for a meter exchange. 'MR' is used when a meter has been removed but the account will remain active.

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49.	Reporting Changes To Meters (REF*TD)	• For a meter addition, a REF*TD code of NM1MA must be present, and all new data reported in a single NM1 loop. • For a meter exchange, a REF*TD code of NM1MX must be present, and all data for the new meter is reported in a single NM1 loop (a REF*46 segment, containing the old meter number, is returned in the same NM1 loop). • For a meter removal (not an exchange), an NM1 segment and a REF*TD segment with a code of NM1MR must be present. No other segments or elements are required.
50.	REF Reference Identification (Old Meter Number)	Only sent if Utility is reporting a meter exchange (MX). New meter number is sent in the NM1 segment.
51.	REF Reference Identification (Utility Rate Service Class) / Reference Identification	Only sent if Utility is reporting a change. Dependency = Effective Date of Change (DTM*007).
52.	REF Reference Identification (Rate Sub Class) / Reference Identification	In the Enrollment Accept Response, Con Edison uses this segment to: indicate whether the account is High or Low Tension, provide a DC (direct current) indicator where "Y" means DC and "N" means AC, and also display a two digit code which indicates whether the account has Time of Use billing. (Format is: HI or LO space Y or N space ## (two-digit Time of Day Code). Example, "HI N 54 means that the service characteristics are high tension AC and Time of Day Code = 54. E/M's can obtain a description of Con Edison's "Time of Day Codes" via Con Edison's Retail Access Website at http://www.coned.com/retailaccess) When a change is sent to the Time Of Use indicator, Con Edison will send only the Time of Use indicator in this segment (i.e., Con Edison, will send only the two-digit Time of Use Code). When changes occur in either/and the Tension code or DC status, all elements will be sent (i.e., if the Tension Code changes, Con Edison will send DC/AC Indicator + TensionCode + TOD code). Dependency = Effective Date of Change (DTM*007).

53.	REF Reference Identification (Utility Load Profile Group Code) / Reference Identification	Only sent if Utility is reporting a change. Dependency = Effective Date of Change (DTM*007).
54.	REF Reference Identification (Measurement Type and Reporting Interval) / Reference Identification	Only sent if Utility is reporting a change. Dependency = Effective Date of Change (DTM*007).
55.	REF Reference Identification (Use Time of Day) / Reference Identification	Only sent if Utility is reporting a change. Dependency = Effective Date of Change (DTM*007).
56.	REF Reference Identification (E/M Rate Code) / Reference Identification	Not used at Con Edison.