

**Orange and Rockland Utilities, Inc**  
**Change Request and Response Supplemental Information**  
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1.	One account per 814	Each change transaction may contain only one account for one service (i.e. Electricity, Gas, Unmetered lighting).
2.	Multiple Change Requests Per Transaction	The 814 Change transaction standards can accommodate more than one change request per commodity per account.
3.	Data Content	At O&R 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.	ASI Action or Status Indicator	As part of O&R's Power Switch program, we submit the price change for the ESCO during the first two months. This price change will show up as an Accept <b>Response</b> . (ASI~WQ~001)
5.	Changes Requested When an Enrollment Is Pending	Requests for changes to bill option, pricing/tax related data that will NOT be processed for accounts that are pending enrollment (i.e. enrollment is pending but not yet ACTIVE) If a pricing/tax related request is desired the ESCO must wait until the acct becomes Active with that ESCO.

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6.	Response Transaction	<p>There must be one response LIN for each request LIN.</p> <p>Requests are accepted or rejected at the LIN level.</p> <p>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.</p> <p>At O&amp;R, the Change Response transaction will be sent as follows:</p> <ul style="list-style-type: none"> <li>• An Accept Response will contain the REF*TD(s) from the request transaction, but will <i>only</i> echo back the following segments: ESCO commodity price, portion taxed residential, and ESCO/Marketer Customer Account Number.</li> <li>• 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.</li> </ul>
7.	Use of REF*TD segment	<p>The REF*TD segments are used to indicate to the receiver the type of change that is being requested.</p> <p>At least one REF*TD is required on a Request transaction.</p>

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8.	Dependent Data Elements	<p>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.</p> <p>Detail on dependent data segments follows:</p> <ul style="list-style-type: none"><li>• <u>All Utility Requests Except for Assigned Service Start and Service End Dates</u> – The following segment must be sent - Effective Date of Change</li><li>• <u>Billing Option Change to LDC</u> – The following segments must be sent: Bill Presenter (LDC); Bill Calculator (LDC) E/M Commodity Price.</li><li>• <u>Billing Option Change to Dual</u> - The following segments must be sent: Bill Presenter (DUAL), Bill Calculator (DUAL)</li><li>• <u>Service Address</u> – The following segment must be sent – Customer Name</li><li>• <u>Mailing Address/Customer Telephone Number</u> - The following segment must be sent –Name for Mailing</li></ul>
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9.	When the Effective Date of Change Is Provided (DTM *007 segment)	<p>At O&amp;R a DTM*007 segment (Effective Date of Change) is used to communicate the effective date for a requested change in the following circumstances:</p> <ul style="list-style-type: none"> <li>• <u>Utility Request</u> – Required for all Utility initiated requests except for changes to Assigned Service Start and Service End Dates</li> <li>• <u>Utility Response</u> – Will be sent as follows: <ul style="list-style-type: none"> <li>○ <b>Billing Option Changes</b> - 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, portion taxed residential, ESCO customer account number).</li> <li>○ <b>Other Change Requests</b> - For requests where effective date is optional, O&amp;R will: <ul style="list-style-type: none"> <li>▪ Respond <i>without</i> an effective date when information is not being updated in O&amp;R’s system(s).</li> <li>▪ Respond <i>with</i> a date when information is being updated in O&amp;R’s system(s) (e.g. ESCO customer account number change).</li> </ul> </li> </ul> </li> <li>▪ <u>ESCO Request</u> – <ul style="list-style-type: none"> <li>○ For all ESCO requests, including billing option (Bill Presenter and Bill Calculator and ESCO commodity price, and portion taxed residential when they are part of a billing option change), effective date <b><i>should not be sent</i></b>, if sent by the ESCO, it will be <b>ignored</b>. O&amp;R will calculate and provide the effective date in its response.</li> <li>○ All ESCO requested changes will be in effect for the current bill cycle, if submitted at least 4 business days prior to the next Meter Scheduled Read Date and 3 business days after the next Meter Scheduled Read Date otherwise, they will be rejected with secondary Raison Code : A7001042 : Price Change Not Allowed - Account In Billing Window</li> </ul> </li> </ul>
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10.	Last In Rule On Change Requests	<p>The last in rule applies as follows:</p> <ul style="list-style-type: none"><li>○ If an ESCO submits multiple changes prior to the effective date of any of them, the last one will be implemented.</li><li>○ 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.</li><li>○ It also applies to ESCO changes to commodity price change and, tax exemption change. Specifically, the last commodity price change/tax exemption rate change and its effective date will override all prior requests, even where the prior change request has a later effective date.</li></ul>
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11.	Rejections	<ul style="list-style-type: none"> <li>▪ 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 ESCO Commodity Price (AMT*RJ) and portion taxed residential, one may be accepted and one may be rejected.</li> <li>▪ Where more than one Utility account number is sent by the ESCO in the transaction, the entire transaction will be rejected (A13).</li> <li>▪ Where more than one commodity type is sent by the ESCO, the entire transaction will be rejected (A13).</li> <li>▪ 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 portion taxed residential are sent in the same transaction, all billing related requests will be rejected (A13).</li> <li>▪ 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).</li> <li>▪ When changes in ESCO commodity price, tax exemption percent are requested within the billing window, the change will be rejected (A13).</li> <li>▪ When a request is made to change a billing option to DUAL or UCB, if changes to ESCO commodity price, tax exemption percent are sent, all billing related requests in the transaction will be rejected (A13).</li> <li>▪ 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).</li> <li>▪ When the ESCO submits a change they are not authorized to request, it will be rejected with an A13 reason, "Change request not allowed".</li> <li>▪ Other Reject Response Reasons sent by O&amp;R:</li> </ul>
O&R 814C Supplemental - 0617.doc		<p style="text-align: center;">A13 – Used when Customer Account Number Missing; Utility Account Number for E/M Missing; <span style="float: right;">Page 6 of 13</span></p> <p style="text-align: center;">A76 – Account Not Found</p> <p style="text-align: center;">C11 – Change Reason (REF*TD) missing or invalid</p>

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12.	When A Change That Has Been Accepted Does Not Become Effective	If an account is turned off prior to the effective date of a change, the requested change will not take effect.
13.	N1 Name (ESCO Name)	O&R will provide the ESCO Name as it appears in O&R files.
14.	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.
15.	N3/N4 (Service Address)	Only sent if Utility is reporting a change in the service address. Dependency = N1 Name.
16.	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.
17.	N3/N4 (Mailing Address)	Only sent if change is being reported in the mailing address. Dependency = N1 Name.
18.	REF Reference Identification (E/M / Marketer Customer Account Number) / Reference Identification	Only sent if ESCO/Marketer is reporting a change.
19.	REF Reference Identification (Utility Account Number)	The REF03 element of this segment is used to further describe the Product/Service ID (LIN03, Data Element 352) for O&R. (The REF is attached at the end of this document.) The REF03 element must be sent only for the O&R Unmetered Lighting Service accounts. Example: REF~12~1122334890~U will further define the Product/Service ID data element as UNMETERED Lighting service.

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20.	REF Reference Identification (Previous Utility Account Number) / Reference Identification	O&R does not change customer account numbers due to changes in billing cycle and will not use this field.
21.	REF Reference Identification (Utility Account Number for ESCO Reference Identification)	This segment must always be sent.
22.	REF Reference Identification (Meter Cycle Code) / Reference Identification	Only sent if Utility is reporting a change. Dependency = Effective date of change.
23.	REF Reference Identification (Bill Cycle Code) / Reference Identification	Only sent if Utility is reporting a change. Dependency = Effective date of change.
24.	REF Reference Identification (Bill Presenter) / Reference Identification	Only sent if change being reported. See Item 8 above for information on dependent data elements.
25.	REF Reference Identification (Bill Calculator) / Reference Identification	Only sent if change being reported. See Item 8 above for information on dependent data elements.
26.	REF Reference Identification (Current Budget Billing Status) / Reference Identification	Not used at O&R



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27.	REF Reference Identification (Partial Participation Portion) / Reference Identification	Not used at O&R.
28.	REF Reference Identification (Customer on Life Support) / Reference Identification	Not used at O&R.
29.	REF Reference Identification (Gas Pool ID) / Reference Identification	Not used at O&R
30.	REF Reference Identification (Gas Capacity Assignment/Obligation) / Reference Identification	Not used at O&R
31.	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.).
32.	REF Reference Identification (ISO Location Based Marginal Pricing Zone)	Only sent if Utility is reporting a change. Dependency = Effective Date of Change (DTM*007). O&R values are ‘G’ – Hudson Valley and ‘P’- PJM

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33.	REF Reference Identification (Portion Taxed Residential) / Reference Identification	Used at O&R when tax change is for a 1) for Utility Consolidated Billing acct 2) the account being enrolled is a non-residential account but a portion of the account is taxed at a residential rate. Acceptable codes are listed in the IG 19, 20,21,22,23,24,25,26,27. O&R will use Code 27 will indicate 100% portion taxed residential. O&R will use Code 19 will indicate 0% portion taxed residential. The following codes are to be used to express % of the exemption 19: Split Rate 0% 20: Split Rate 10% 21: Split Rate 20% 22: Split Rate 30% 23: Split Rate 40% 24 Split Rate 50% 25 Split Rate 60% 26: Split Rate 70% 27: Split Rate 100%
34.	DTM (Assigned Service Start Date)	Sent by the Utility when an enrollment is pending, and there is a change in enrollment date.
35.	DTM (Assigned Service End Date)	Sent by the Utility when a drop is pending for the customer and there is a change in service end date.
36.	Date/Time Reference (Effective Date of Change)	Used at O&R when reporting an ICAP Change (DTM*007)
37.	AMT Monetary Amount (Tax Exemption Percent) / Monetary Amount	Not Used at O&R
38.	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.

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39.	AMT (E/M Fixed Charge)	Not Used at O&R
40.	AMT Monetary Amount (Electric Capacity Assignment)	Only sent if Utility is reporting a change.
41.	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.
42.	REF Reference Identification (Utility Rate Service Class) / Reference Identification	Only sent if Utility is reporting a change. Dependency = Effective Date of Change (DTM*007).
43.	REF Reference Identification (Rate Sub Class) / Reference Identification	Not used at O&R
44.	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).
45.	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).
46.	REF Reference Identification (Use Time of Day) / Reference Identification	Only sent if Utility is reporting a change. Dependency = Effective Date of Change (DTM*007).

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47.	REF Reference Identification (ESCO Rate Code) / Reference Identification	Not used at O&R.
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**REF** Reference Identification (Utility Account Number)

**Position:** 030  
**Loop:** LIN Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.  
**Comments:**  
**Notes:** Request: Required  
 Response: Required  
 REF~12~011231287654398  
 REF~12~011231287654398~U

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 12 Billing Account REF02 contains the Utility-assigned account number for the customer.	M ID 2/3
Must Use	REF02	127	Reference Identification Utility assigned customer account number The utility account number must be supplied without intervening spaces or non-alphanumeric characters. (Characters added to aid in visible presentation on a bill, for example, should be removed)	X AN 1/30
Cond	REF03	352	Unmetered Service Designator The REF03 element in the REF*12 segment must be sent to, or received by Orange & Rockland when the commodity indicated in the LIN segment is Electric but the Change requested pertains to Unmetered Lighting Service. U Un-Metered Service	X AN 1/80

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1.	Processing and Timing of Responses for History Received as a Secondary Request to Enrollment	When a Request for History Usage is received as a secondary Request, O&R will send a response for the Enrollment and a response for the Historical usage request within 2 days.
2.	BGN06 / Reference Identification	For Enrollment responses that have no associated EDI Enrollment request (Enrollments by O&R into Power Switch Program), since there is no BGN02 value to populate in the BGN06 of the Response, O&R will place the literal “MANUAL” in the BGN06.
3.	N1 Name (ESCO) / ESCO Name	The ESCO may provide ESCO Name on Requests. If provided on the Request, the ESCO Name will not be used or processed by O&R. On Enrollment Responses, O&R will provide the ESCO Name as it appears in O&R files. Note, since O&R will provide the ESCO Name as it appears in O&R files, the ESCO Name provided on the Request may not exactly match the ESCO Name provided on the Response. For example, if ESCO provided “GREEN POWER” on the Enrollment Request, O&R may provide “GREEN POWER SOURCES” on the Enrollment Response.
4.	N1 Name (Utility Name)	Utility name will be provided. Note: For O&R the “Utility Name” on O&R’s Enrollment Responses will vary based on which of the three O&R companies is serving the customer. (New York customers=Orange and Rockland; New Jersey customer; Rockland Electric and Pennsylvania customers=Pike County Light and Power.)
5.	N1 Name (Customer) / Customer Name	If provided on the Enrollment Request, O&R will ignore the Customer Name. On Accept Responses, O&R will provide the Customer Name as it appears on the O&R account. .
6.	N1 Name (Name for Mailing) / Name for Mailing, N3 Mailing Address	On Accept Responses, O&R will provide the Mailing Address Name and Address, where one exists, for all billing scenarios, even when the ESCO is not the Bill Presenter.

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7.	Administrative Communications Contact (Customer Phone Number)	Not used by O&R. O&R does not support Customer phone number, Fax, and email address
8.	N4 Geographic Location (Mailing Address) / All Data Segments Except Country Code	On Accept Responses, O&R will always provide the Customer's Mailing Address, where one exists.
9.	N4 Geographic Location (Mailing Address) / Country Code	For this release, O&R will not provide the Customer's Mailing Country Code.
10.	REF Reference Identification (Reject Response Reasons) / Description (REF03)	On Reject Responses, O&R will populate this data segment with its backend system error code and error text. O&R will do this to provide ESCOs with more company-specific rejection detail than currently outlined for REF02 (Reject Response Reasons).
11.	REF Reference Identification (Response Information or Warnings) / Reference Identification (REF02)	Will be sent on 814E response if the account does not have usage or the account is a Net Metered account
12.	Item Identification (LIN05)	O&R does not support gas profile (GP). If Gas Profile is requested. O&R will send Historical usage (HU).
13.	REF Reference Identification (Fee Approved/Applied) / Reference Identification	Not used at O&R on Enrollment Requests. This data element should not be provided by the ESCO.
14.	REF Reference Identification (ESCO Customer Account Number) / Reference Identification	Not required at O&R. If provided, O&R will return the account number in its response. Consolidated Billing.

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15.	REF Reference Identification (Previous Utility Account Number) / Reference Identification	O&R does not change customer account numbers due to changes in billing cycle and will not use this field.
16.	REF Reference Identification (Utility Account Number for ESCO Reference Identification)	At O&R, ESCOs must submit their O&R Account Number for identification purposes.
17.	REF Reference Identification (Utility Customer Account Number)	The REF03 element of this segment is used to further describe the Product/Service ID (LIN03, Data Element 234) for O&R. (The REF is attached at the end of this document.) The REF03 element must be sent only for the O&R Unmetered Service delivery points. Example: REF~12~1122334890~U will further define the Product/Service ID data element as UNMETERED Lighting Service.
18.	REF Reference Identification (Meter Cycle Code) / Reference Identification	On Accept Responses, O&R will provide the Meter Cycle Code, which indicates when meter reads are scheduled for this account. ESCO can use the Meter Cycle Code to retrieve schedule information from O&R's Retail Access web site at <a href="https://apps.coned.com/oruretailaccess/default.asp">https://apps.coned.com/oruretailaccess/default.asp</a>
19.	REF Reference Identification (Bill Cycle Code) / Reference Identification	This code will be provided by O&R to indicate when a Customer is scheduled for billing. Since O&R does not have Billing Cycles, the Meter Cycle code will be provided. (See Item 18 above). This code will be provided by O&R to indicate when a Customer is scheduled for billing.
20.	REF Reference Identification (Bill Presenter) / Reference Identification	Required at O&R on Enrollment Requests. O&R will validate the Bill Presenter in conjunction with the Bill Calculator. O&R will also validate that the ESCO is an approved provider of the Billing Option being enrolled. O&R will always return this data segment on Accept Responses.



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21.	REF Reference Identification (Bill Calculator) / Reference Identification	Required at O&R on Enrollment Requests. O&R will validate the Bill Calculator in conjunction with the Bill Presenter. O&R will also validate that the option is one offered by O&R, and that the ESCO is an approved provider of the Billing Option being enrolled. O&R will always return this data segment on Accept Responses.
22.	REF Reference Identification (Current Budget Billing Status) / Reference Identification	Not used at O&R on Enrollment <u>Requests</u> , since O&R does not provide a budget billing service for ESCO charges. This data element should not be provided by the ESCO. On Accept Responses, O&R will always send this data element.
23.	REF Reference Identification (Partial Participation Portion) / Reference Identification	Not used at O&R on Enrollment Requests or Responses, since partial participation does not apply to O&R accounts. This data element should not be provided by the ESCO.
24.	REF Reference Identification (Customer on Life Support) / Reference Identification	Not required at O&R on Enrollment Requests. Not provided at O&R on Enrollment Responses.
25.	REF Reference Identification (Gas Pool ID) / Reference Identification	Not used at O&R on Enrollment Requests. This data element should not be provided by the ESCO. Not provided at O&R on Enrollment Responses.
26.	REF Reference Identification (Gas Capacity Assignment/Obligation) / Reference Identification	Required on O&R Gas Enrollment Requests. ESCO should default to "Y". O&R will return this data segment on Accept Responses. O&R capacity release procedures are described in SC11 tariff.
27.	REF Reference Identification (Gas Supply Service Option) / Reference Identification	Required on O&R Gas Enrollment Requests. ESCO must either send 'B' or 'S'. O&R will return this data segment on Accept Responses.

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28.	REF Reference Identification (Gas Supply Service Option) / Description	Not Used on O&R Enrollment Requests. .
29.	REF Reference Identification (Human Needs Customer) / Reference Identification	Not Used on O&R Enrollments.
30.	REF Reference Identification (Portion Taxed Residential) / Reference Identification	<p>Required at O&amp;R when enrollment is 1) for Utility Consolidated Billing Enrollment and 2) the account being enrolled is a non-residential account in total or partially tax exempt. Acceptable codes are listed in the IG: 19,20,21,22,23,24,25,26,27. At O&amp;R Code 27 will indicate 100% portion tax exempt. At O&amp;R Code 19 will indicate 0% portion tax exempt.</p> <p>If a code is not provided O&amp;R will default to the current Marketer Percent Tax Exempt value in O&amp;R's Billing System. O&amp;R will return this value on Enrollment Responses.</p> <p>The following codes are to be used to express % of the exemption:</p> <p style="margin-left: 40px;">19: Split Rate 0%</p> <p style="margin-left: 40px;">20: Split Rate 10%</p> <p style="margin-left: 40px;">21: Split Rate 20%</p> <p style="margin-left: 40px;">22: Split Rate 30%</p> <p style="margin-left: 40px;">23: Split Rate 40%</p> <p style="margin-left: 40px;">24 Split Rate 50%</p> <p style="margin-left: 40px;">25 Split Rate 60%</p> <p style="margin-left: 40px;">26: Split Rate 70%</p> <p style="margin-left: 40px;">27: Split Rate 100%</p>
31.	AMT Monetary Amount (Tax Exemption Percent) / Monetary Amount	O&R: Not used at O&R (see 29 above)

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32.	AMT Monetary Amount (Commodity Price) / Monetary Amount	Required at O&R for Utility Consolidated Billing Enrollment Requests only (Utility is Bill Calculator and Bill Presenter). Should not be submitted by ESCO for other billing options. O&R will reject the Enrollment Request if not present and Request is for Utility Consolidated Billing. O&R will ignore this data segment if received for other billing scenarios. O&R will return this data on Accept Responses for Utility Consolidated Billing Enrollment Requests. O&R will return this data segment on Accept Responses for Utility Consolidated Billing Enrollment Requests.
33.	NM1 Metered or Un-Metered Service Points / Identification Code	On Accept Responses when service is metered, the meter number for each service point will be returned. If a meter number does not exist, Code "93" will be contain the literal "UNMETERED." The literal "ALL" will never be used on an enrollment response.
34.	REF Reference Identification (Utility Rate Service Class) / Reference Identification	On Accept Responses, O&R will provide the account rate code.
35.	REF Reference Identification (Rate Sub Class) / Reference Identification	Not Used at O&R on enrollment response
36.	REF Reference Identification (Utility Load Profile Group Code) / Reference Identification	On Electric Accept Responses, O&R will provide the STRATUM code. This field will not be returned on Gas Accept Responses.
37.	REF Reference Identification (Measurement Type and Reporting Interval) / Reference Identification	Not used at O&R on Enrollment Requests. This data element should not be provided by the ESCO. On Accept Responses, will be provided.

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38.	Date/Time Reference (Future ICAP Effective Dates)	Not used at O&R
39.	Monetary Amount (Future ICAP)	Not used at O&R
40.	REF Reference Identification (Use Time of Day) / Reference Identification	Not used at O&R on Enrollment Requests. This data element should not be provided by the ESCO. On Accept Responses, will be provided. At O&R, additional Measurement Significance Codes are needed to correctly describe electric usage to be received. O&R uses the following Use Time of Day codes:  41 - Off Peak 42 - On Peak 43 - Intermediate Peak 51 - Total 73 = Summer Off Peak 45= Summer On Peak 74 = Summer Intermediate Peak 57= Summer Total 75 = Winter Off Peak 49 = Winter On Peak 50 = Winter Intermediate Peak 58 = Winter Total
41.	REF Reference Identification (ESCO Rate Code) / Reference	Not used at O&R on Enrollment Requests. This data element should not be provided by the ESCO.
42.	REF Reference Identification (Interval Usage Option)	Required. If not provided on request, will be omitted in response and option will default to Summary Usage.  At O&R, there is no difference between usage at meter level and usage at account level. There is one meter per account per service; Interval data provided at account level are the same as at meter level.
43.	REF Reference Identification (Public Aggregator)	Not used. For CCA O&R utilizes a separate REFAJ from the main entity.

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**Segment:** **REF** Reference Identification (Utility Account Number)  
**Position:** 030  
**Loop:** LIN Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.  
**Comments:**  
**Notes:** Request: Required  
 Response: Required  
 REF~12~011231287654398  
 REF~12~011231287654398~U

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 12 Billing Account REF02 contains the Utility-assigned account number for the customer.	M ID 2/3
Must Use	REF02	127	Reference Identification Utility assigned customer account number The utility account number must be supplied without intervening spaces or non-alphanumeric characters. (Characters added to aid in visible presentation on a bill, for example, should be removed)	X AN 1/30
Cond	REF03	352	Unmetered Service Designator The REF03 element in the REF*12 segment should only be sent to, or received by, Orange & Rockland when the commodity indicated in the LIN segment is Electric but the enrollment requested pertains only to the unmetered portion of the electric service on that account. This element should NOT be sent when the enrollment request pertains to all electric service on the designated account number.	X AN 1/80
			U Un-Metered Service	

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1.	Email Correspondence to Discontinue	O&R does not accept Historical usage requests via email from ESCOs.
2.	N1 Name (ESCO/Marketer) / ESCO Name	The ESCO may provide ESCO Name on Requests. If provided on the Request, the ESCO Name will not be used or processed by O&R. On History Responses, O&R will provide the ESCO Name as it appears in O&R files. Note, since O&R will provide the ESCO Name as it appears in O&R files, the ESCO Name provided on the ESCO Request may not exactly match the ESCO Name provided on the History Response. For example, if ESCO provided "GREEN POWER" on the ESCO Request, O&R may provide "GREEN POWER SOURCES" on the History Response.
3.	N1 Name (Customer)	On 814 History Responses, O&R will provide the Customer Name as it appears on the O&R account. Not used on reject responses.
4.	N3 Address Information & N4 Geographic Location (Service Address)	On 814 History Responses, O&R will only provide the customer's taxing district. Service address will not be provided. Service address provided by ESCO on Historical Usage Requests will be ignored by O&R.
5.	REF Reference Identification (Reject Response Reason) / Description (REF03)	On Reject Responses, O&R will populate this data segment with its backend system error text. O&R will do this to provide ESCOs with more company-specific rejection detail than currently outlined for REF02 (Reject Response Reasons).
6.	REF Reference Identification (Response Information or Warnings) / Reference Identification	NIA will be sent when the account does not have Interval Usage. O&R will provide a standard 867HU  O&R will provide interval data for Net-Metered accounts if the account is net-metered. NMA will be sent to indicate that the account is net-metered.
7.	REF Reference Identification (Fee Approved / Applied)	Not used at O&R on History Responses. O&R does not charge for 12 months of historical usage information. If provided by ESCO on History Requests, will be ignored by O&R.

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8.	REF Reference Identification (ESCO Customer Account Number)	If provided on ESCO History Requests, O&R will ignore the ESCO Customer Account Number. O&R will not return or provide this segment on History Responses.
9.	REF Reference Identification (Previous Utility Account Number) / Reference Identification	O&R does not change customer account numbers due to changes in billing cycle and will not use this field.
10.	REF Reference Identification (Utility Account Number for ESCO) / Reference Identification	At O&R, ESCOs must submit their O&R supplied ESCO Account Number. (10 digits) Will be provided on History Responses.
11.	REF Reference Identification (Utility Account Number)	The REF03 element of this segment is used to further describe the Product/Service ID (LIN03, Data Element 234) for O&R. (The REF is attached at the end of this document.) The REF03 element must be sent only for the O&R Unmetered Service delivery points. Example: REF~12~1122334890~U will further define the Product/Service ID data element as UNMETERED. The O&R Unmetered Service delivery points are NY Rate Codes 212, 312,104, RECO RC 206, 306, 104, PIKE RC204, 304 and 103.
12.	REF Reference Identification (Interval Usage Option)	Required. If not provided on request, will be omitted on response and option will default to Summary Usage.  At O&R, there is no difference between usage at meter level and usage at account level. There is one meter per account per service; Interval data provided at account level are the same as at meter level.
13.	REF Reference Identification (Public Aggregator)	Not used. For CCA O&R utilizes a separate REFAJ from the main entity.

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**Segment:** **REF** Reference Identification (Utility Account Number)  
**Position:** 030  
**Loop:** LIN Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.  
**Comments:**  
**Notes:** Request: Required  
 Response: Required  
 REF~12~011231287654398  
 REF~12~011231287654398~U

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 12 Billing Account REF02 contains the Utility-assigned account number for the customer.	M ID 2/3
Must Use	REF02	127	Reference Identification Utility assigned customer account number The utility account number must be supplied without intervening spaces or non-alphanumeric characters. (Characters added to aid in visible presentation on a bill, for example, should be removed)	X AN 1/30
Cond	REF03	352	Unmetered Service Designator The REF03 element in the REF*12 segment should only be sent to, or received by, Orange & Rockland when the commodity indicated in the LIN segment is Electric but the enrollment requested pertains only to the unmetered portion of the electric service on that account. This element should NOT be sent when the enrollment request pertains to all electric service on the designated account number.	X AN 1/80
			U Un-Metered Service	



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1.	<b>Email Correspondence to Discontinue</b>	<b>O&amp;R provides monthly usage through EDI for all accounts except for a few large accounts that are manually billed.</b>
2.	DTM Date / Time Reference (Next Meter Read Date)	O&R will always provide the date of the customers next scheduled meter read.
3.	N1 Name (ESCO/Marketer) / ESCO Name	On 867 Monthly Usage Transactions, O&R will provide the ESCO Name as it appears in O&R files.
4.	N3 Address Information & N4 Geographic Location (Service Address)	Service address will be provided at O&R on 867 Monthly Usage Transactions.
5.	REF Reference Identification (ESCO/ Marketer Customer Account Number)	ESCO Marketer Customer Account Number will be provided on 867 Monthly Usage Transactions.
6.	REF Reference Identification (Previous Utility Account Number) / Reference Identification	O&R does not change customer account number due to changes in billing cycle and will not use this field.
7.	REF Reference Identification (Utility Account Number)	The REF03 element of this segment must be sent only for the O&R Unmetered Service delivery points. Example: REF~12~1122334890~U will further define the PTD05 Data Element 127 as UNMETERED. The O&R Unmetered Service delivery points are NY Rate Codes 212, 312,104, RECO RC 206, 306, 104 , PIKE RC204, 304 and 103..

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8.	PTD Product Transfer and Resale Detail (Metered Summary)	At O&R, on 867 Monthly Usage Transactions the PTD – BO loop (Metered Summary) is not used. At O&R, each transaction is provided at the meter level in either the Metered Consumption Detail or Unmetered Usage. (see items 13 and 14 below).
9.	REF Reference Identification (Rate Sub Class) / Reference Identification	Not used for O&R 867 Monthly usage accounts.
10.	AMT Monetary Amount (Backout Credit)	Not used at O&R on 867 Monthly Usage Transactions.
11.	MEA Measurements / MEA07	At O&R, additional Measurement Significance Codes are needed to correctly describe electric usage. O&R uses the following Measurement Significance Codes in 867 Electric Monthly Usage Responses:  41 - Off Peak 42 - On Peak 43 - Intermediate Peak 51 - Total 73 = Summer Off Peak 45= Summer On Peak 74 = Summer Intermediate Peak 57= Summer Total 75 = Winter Off Peak 49 = Winter On Peak 50 = Winter Intermediate Peak 58 = Winter Total
12.	PTD Product Transfer and Resale Detail (Unmetered Usage)	At O&R, on 867 Monthly Usage Responses the PTD – BC loop (Unmetered Usage) is sent when the REF03 of REF Identification(Utility Account Number) segment = “U”(see item 8 of this supplement) All other usages are provided in the PTD-BQ loop)

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13.	PTD Product Transfer and Resale Detail (Metered Consumption Detail)	At O&R, on 867 Historical Usage Responses the PTD – BQ loop (Metered Consumption Detail) is sent for all accounts except when the REF03 of Utility Account Number segment = “U”(see item 8 of this supplement)
14.	PTD Product Transfer and Resale Detail (Interim Bill Notice)	Because O&R does not support the Utility Bill Ready Model, the PTD- BK loop is not used on 867 Monthly Usage Transactions.
15.	PTD Product Transfer and Resale Detail (Metered Usage Detail)	Because O&R does not support the Single Retailer Model, the PTD- PM loop and all of its segments are not used on 867 Monthly Usage Transactions.
16.	PTD Product Transfer and Resale Detail (Interval Usage Summary – Account Level)	Provided when an 814E or 814C has been submitted with an Interval Usage Option of DETAIL. Not provided for any other option.
17.	REF Reference Identification (Interval Reading Period)	Intervals will only be KH015 or HH060. Electric is only provided in 15 minute intervals while gas is provided in hourly intervals.

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**Segment:** **REF** Reference Identification (Utility Account Number)  
**Position:** 030  
**Loop:** LIN Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.  
**Comments:**  
**Notes:** Request: Required  
 Response: Required  
 REF~12~011231287654398  
 REF~12~011231287654398~U

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 12 Billing Account REF02 contains the Utility-assigned account number for the customer.	M ID 2/3
Must Use	REF02	127	Reference Identification Utility assigned customer account number The utility account number must be supplied without intervening spaces or non-alphanumeric characters. (Characters added to aid in visible presentation on a bill, for example, should be removed)	X AN 1/30
Cond	REF03	352	Unmetered Service Designator The REF03 element in the REF*12 segment should only be sent to, or received by, Orange & Rockland when the commodity indicated in the LIN segment is Electric but the enrollment requested pertains only to the unmetered portion of the electric service on that account. This element should NOT be sent when the enrollment request pertains to all electric service on the designated account number.	X AN 1/80
			U Un-Metered Service	

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1.	Historical Usage Data provided	O&R will provide up to 24 months Historical Usage data on 867 History Responses.
2.	N1 Name (ESCO Name)	On 867 Historical Usage Responses, O&R will provide the ESCO Name as it appears in O&R files. Note, since O&R will provide the ESCO Name as it appears in O&R files, the ESCO Name provided on the ESCO History Request may not exactly match the ESCO Name provided on the Historical Usage Response. For example, if ESCO provided "GREEN POWER" on the ESCO Request, O&R may provide "GREEN POWER SOURCES" on the History Response.
3.	N1 Name (Utility Name)	Utility name will be provided on Historical Consumption Responses. Note: For O&R the "Utility Name" will vary based on which of the three O&R companies is serving the customer. (New York customers=Orange and Rockland; New Jersey customer; Rockland Electric and Pennsylvania customers=Pike County Light and Power.).
4.	N1 Name (Customer) / Customer Name	On 867 Historical Usage Responses, O&R will provide the Customer Name as it appears on the O&R account.
5.	N3 Address Information & N4 Geographic Location (Service Address)	On 867 Historical Usage Responses, O&R will provide the customer's taxing district. Service address will not be provided.
6.	REF Reference Identification (Previous Utility Account Number) / Reference Identification	O&R does not change customer account numbers due to changes in billing cycle and will not use this field.

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7.	REF Reference Identification (Utility Account Number)	The REF03 element of this segment must be sent for Unmetered Lighting Service. Example: REF~12~1122334890~U will further define the PTD05 Data Element 127 as UNMETERED Lighting service.
8.	REF Reference Identification (Rate Sub Class) / Reference Identification	<p>On 867 ELECTRIC Historical Usage Responses, O&amp;R will provide the customer's Transmission Obligation (TCAP) in the Rate Sub Class field</p> <p>O&amp;R uses rate sub class to provide the Transmission Obligation for NJ PJM ACCOUNTS.</p> <p>This field will not be provided for Gas Services and NY ISO Electric Services</p>
9.	REF Reference Identification (Load Profile)	<p>On 867 Historical Usage Responses, O&amp;R will provide the Load Profile code for Electric services. This field will not be provided for Gas Services.</p> <p>The load profiles can be found by accessing O&amp;R RAIS portal at the following link  <a href="https://apps.coned.com/oruretailaccess/default.asp">https://apps.coned.com/oruretailaccess/default.asp</a></p>

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10.	MEA Measurements / MEA07	<p>At O&amp;R, additional Measurement Significance Codes are needed to correctly describe electric usage. O&amp;R uses the following Measurement Significance Codes in 867 Historical Usage Responses:</p> <p>41 - Off Peak  42 - On Peak  43 - Intermediate Peak  51 - Total</p> <p>73 = Summer Off Peak  45= Summer On Peak  74 = Summer Intermediate Peak  57= Summer Total  75 = Winter Off Peak  49 = Winter On Peak  50 = Winter Intermediate Peak  58 = Winter Total</p>
11.	PTD Product Transfer and Resale Detail (Unmetered Usage)	<p>At O&amp;R, on 867 Historical Usage Responses the PTD – BC loop (Unmetered Usage) is sent when REF03 of REF Identification (Utility Account Number) segment = “U” (see item 9 of this supplement) (In other words, in the Utility Acct # Segment when REF03=”U” the unmetered usage is provided in the PTD – BC loop. All other usages are provided in the PTD-BQ loop )</p>
12.	PTD Product Transfer and Resale Detail (Metered Consumption Detail)	<p>At O&amp;R, on 867 Historical Usage Responses the PTD – BQ loop (Metered Consumption Detail) is sent for all accounts except when the REF03 of Utility Account Number segment = “U”(see item 8 of this supplement)</p>
13.	Product Transfer and Resale Detail (Gas Profile)	<p>O&amp;R does not support Gas profile. If gas profile is requested, Historical Usage will be provided</p>

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14.	Reference Identification (Utility Tax Exempt Status)	The Utility Tax Exempt Status signifies the existence of exemptions and/or certifications, if any, held by the utility, that are used to bill the customer for utility services. The indicator is informational only; the utility's exemption is not transferable to the ESCO to bill the customer for ESCO services. The ESCO should not rely upon the utility's information for billing purposes and should contact the customer to obtain necessary information consistent with the requirements of the Taxation authorities and any applicable laws.
15.	Reference Identification (Enrollment Block)	Not used by O&R. When there is a block on an account no 867HU is sent. Notification is sent through the 814HU response file.
16.	REF Reference Identification (Bill Cycle Code)	Not used at O&R
17.	PTD Product Transfer and Resale Detail (Interval Usage Summary – Account Level)	Provided when an 814HU request has a LIN05 of HI. Will not be included if the LIN05 is HU, GP or HG. Each Billing period will generate a separate PTD loop.
18.	REF Reference Identification (Interval Reading Period)	Intervals will only be KH015 or HH060. Electric is only provided in 15 minute intervals while gas is provided in hourly intervals.
19.	Quantity	For O&R, QTY*FL*02 will be always 1
20.	DTM Date/Time Reference (Report Period)	<i>The Intervals do not include the Period Start Date. The first interval will be the first 15 minutes or 60 minutes of the day the Period starts.</i> <i>The last interval of each day will end in 0000 of the next day.</i>
21.	PTD Product Transfer and Resale Detail (Interval Meter Detail)	Provided when an 814HU request has a LIN05 of HG or HI. Will not be included if the LIN05 is HU, GP.  Each Billing period will generate a separate PTD loop.



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**Segment:** **REF** Reference Identification (Utility Account Number)  
**Position:** 030  
**Loop:** LIN Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
2 If either C04003 or C04004 is present, then the other is required.  
3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.  
**Comments:**  
**Notes:** Request: Required  
Response: Required  
REF~12~011231287654398  
REF~12~011231287654398~U

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier 12 Billing Account REF02 contains the Utility-assigned account number for the customer.	M ID 2/3
Must Use	REF02	127	Reference Identification Utility assigned customer account number The utility account number must be supplied without intervening spaces or non-alphanumeric characters. (Characters added to aid in visible presentation on a bill, for example, should be removed)	X AN 1/30
Cond	REF03	352	Unmetered Service Designator The REF03 element in the REF*12 segment must be sent to, or received by, Orange & Rockland when the commodity indicated in the LIN segment is Electric but the Historical Usage requested pertains to Unmetered Lighting Service. U Un-Metered Service	X AN 1/80