

APPENDIX B - DATA DEFINITIONS

Account Level Errors: Codes used to identify invalid fields or other problems on the error response transaction (EDI 814-9). Account level errors apply to the entire account rather than a single service. In EDI terms, these errors apply to fields outside the NM1 loop. (Valid codes and error levels are in Appendix B). Completion Status and Account Level Errors use the same field.

Activity Code: Indicates the characteristics of the usage or usage and billing being reported to the Supplier Possible values are:

00 = Normal On Cycle Bill	05 = Balance Only Bill
01 = Cancellation	06 = Estimated On Cycle Bill
02 = Manual Bill	07 = Estimated Off Cycle Bill
03 = Final Bill	08 = Late Read/Late Booked
04 = Off Cycle Bill	

Arrears Interest: The amount of accrued interest charges on any outstanding debt for the Supplier portion of the bill.

Bill To Address 1: The first address field of data that relates to the Customer's mailing address. This field may contain delivery information such as the mailing street address or a Post Office Box number.

Bill To Address 2: The second address field of data that relates to the Customer's mailing address. This field may contain any additional mailing address delivery information that exceeds the space provided by Bill To Address 1.

Bill To City: The mailing address city name.

Bill To Postal Code: The mailing address Postal Code. This field would contain the Zip Code, and possibly the Carrier Route, if the mailing address is within the U.S.

Bill To State: The mailing address standard postal abbreviation for the state.

Billing Cycle: A number assigned by the Distribution Company which corresponds to a schedule used to bill a group of customers. A schedule of billing cycles and dates is available to all Suppliers.

Billing Date: Date on which the Distribution Company billed the usage and, if complete billing option is requested, also billed for the Supplier.

Billing Demand: The kW or kVA demand used by the Distribution Company to calculate the current demand charges.

Billing Option: Indicates whether the customer will receive a single consolidated bill for generation service and distribution service from the Distribution Company (Complete Bill, Passback Bill), or two bills, one for Generation Service from the Supplier and one for Distribution Service from the Distribution Company (Passthru).

Completion Status: After a set of incoming transactions is processed by the Distribution Company, this field will be used to communicate the status (pass or fail) of each detail record. (Valid codes are in Appendix B). Completion Status and Account Level Errors use the same field.

Current Customer Charge: The current Customer charges applied on the Supplier portion of a Complete bill.

Current Demand Charge: The current billed amount for total demand for the Supplier portion of a Complete bill.

Current Non-TOU Charge: The current billed amount for kilowatt hour (kWh) usage for the Supplier portion of a Complete bill.

Current Off Peak Charge: The current billed amount for kWh usage recorded during the Distribution Company's off-peak time period for the Supplier portion of a Complete bill.

Current Peak Charge: The current billed amount for usage recorded during the Distribution Company's on-peak time period for the Supplier portion of a Complete bill.

Current Read Date: The date on which the metered usage amount was determined for the current billing period. It also serves as the end date for the period. The format of the date is CCYYMMDD.

Current Sales Tax Amount: The calculated dollars charged for sales tax for the service on the Supplier portion of a Complete bill.

Current Shoulder Charge: The current billed amount for usage recorded during the Distribution Company's shoulder time period for the Supplier portion of a Complete bill.

Demand Type Measured: indicates whether the metered demand was measured in kilowatts or kilovolt-amperes.

Detail Record Indicator: One character that indicates the type or function of an 814 administrative transaction. There may be mixed detail records in a single file. EDI standards require translations to certain combinations of standard values (see EDI Implementation Guides). Suggested customer system values are:

E = ENROLL	M = MOVE
D = DROP	F = CONFIRM DROP DATE
C = CHANGE	X = ERROR

Distribution Company Account Number: The identifier used by the Distribution Company to uniquely identify their Customer. The Supplier must include the Distribution Company account number in all electronic communications with the Distribution Company.

Distribution Company Customer Name: For residential Customers, this field will contain the first four characters of the Customer's *last* name as it appears on the bill. For commercial and industrial, this field will contain the *first* four characters of the company's name as it appears on the bill.

Distribution Company Identifier: The Distribution Company's Dunn & Bradstreet (D-U-N-S) number.

Distribution Company Rate Code: The rate code assigned by the Distribution Company to identify the category of service supplied to the Customer.

Effective Date of service and load requirements: This date will normally be the next scheduled cycle meter-read date. It tells the Supplier the date that they are responsible for load, or in the case of a drop, the date they are no longer responsible for load.

Error Code: Codes used to identify invalid fields or other problems on the error response transaction (EDI 814). (Valid codes are in Appendix B).

Funds Transfer Date: The expected date on which the payer will transfer the cash amount owed.

Funds Transfer Tracking Number: A unique alphanumeric designator assigned to a payment and adjustment transaction to be sent to a Supplier. The same designator should appear on the EDI transaction and also on the check, ACH Transfer, or other payment method used to achieve a cash settlement for the specific transaction. (Not Applicable for The Narragansett Electric Company)

Gross Earnings Tax: A tax imposed by Rhode Island General Law.

Gross Earnings Tax Credit: Commercial customers that are coded manufacturing receive a Gross Earnings Tax Credit. The credit is based on their percentage of manufacturing.

Invoice Number: An alphanumeric designator assigned to a billing transaction for use in the research and solution of production problems.

Load Date: The day for which the kWh usage has been calculated by the load estimation system. The format of the field is CCYYMMDD.

Number of Non-Metered Units: Number of billable units pertaining to the value listed in the type of service indicator/service identifier fields. Field is not used if usage is metered.

Off Peak Kilowatt Hour Usage: The total kilowatt hour use recorded during the Distribution Company's off-peak time period.

Off Peak kVA Demand: The highest kilovolt-ampere demand measured during the Distribution Company's off-peak time period.

Off Peak kW Demand: The highest demand measured in kilowatts during the Distribution Company's off-peak time period.

Old Distribution Company Account Number: In certain circumstances the Distribution Company must change a Customer's account number. This field will be used to identify the former account number.

Old Distribution Company Service Identifier: In certain circumstances the Distribution Company must change a Customer's service (i.e. replacement meter). This field will be used to identify the former service identifier.

Old Distribution Company Customer Name: In certain circumstances the Distribution Company must change the Customer's name (i.e. marriage). This field will be used to notify the Supplier of the first four characters of the Customer's former name.

Payment/Adjustment Amount: The dollars posted to the Customer's account for the Supplier portion of the bill. Can be credit or debit dollars, identified by the Payment/Adjustment Type.

Payment/Adjustment Type: A code that identifies the source for the dollars represented on the Payment/Adjustment Transaction. Suggested customer system values are:

- 001 = Payment received from the Customer
- 002 = Transfer
- 003 = Bad Check
- 004 = Arrears Interest
- 005 = Sales Tax
- 006 = Adjustment
- 007 = Supplier Balance Write-Off

Payment/Adjustment Posting Date: The date the payment or adjustment amount was posted to the Customer's account for the Supplier portion of the bill.

Peak Demand Usage: The highest kW or kVA demand measured and used for the indicated billing period.

Peak Kilowatt Hour Usage: For time-of-use metering, contains the total kilowatt hour use during the Distribution Company's peak time period.

Peak kVA Demand: The actual peak demand measured in kilovolt-amperes during the

Distribution Company's peak time period.

Peak kW Demand: For non-time-of-use meters, this will contain the actual highest demand measured in kilowatts. For time-of-use meters, it is the highest demand measured in kilowatts during the Distribution Company's peak time period.

Previous Read Date: The day the metered usage was determined for the previous billing period. It also serves as the start date of the current period. The format of the date is CCYYMMDD.

Primary Metering Indicator: The indicator telling the Supplier that the Distribution Company provides service to the Customer at primary voltage.

N = No Primary Metering

Y = Primary Metering

SPACE = No Primary Metering

Sales Tax Indicator: When Complete Billing is requested indicates whether sales tax is to be applied to the service or not. EDI standards require translations to certain combinations of standard values (see EDI Implementation Guides). Suggested customer system values are:

Y = Sales Tax Applicable

N = No Sales Tax Applicable

Service Identifier: Some systems offer multiple types of services to a particular account. A Supplier may wish to offer different prices for the different service types. This field will be used in conjunction with the Type of Service Indicator to identify the specific service referenced by the transaction. Typically it contains a meter number or other designation depending on the type of service. (Not Applicable for The Narragansett Electric Company)

Service Level Errors: Codes used to identify invalid fields or other problems on the error response transaction (EDI 814-9). Service level errors apply to a single service rather than the entire account. In EDI terms, these errors apply to fields within the NM1 loop. (Valid codes and error levels are in Appendix B). (Not Applicable for The Narragansett Electric Company)

Settlement Function: Single character on settlement record indicating the type of supply service included in the record. The values for the field are: (Not used in Distribution Company - Supplier transactions)

C = Competitive Supply

D = Service

O = Standard Offer

Shoulder Kilowatt Hour Usage: The total kilowatt hour use recorded during the Distribution Company's shoulder time period.

Shoulder kVA Demand: The highest demand measured in kilovolt-amperes during the Distribution Company's shoulder time period.

Shoulder kW Demand: The highest demand measured in kilowatts during the Distribution Company's shoulder time period.

Supplier Account Number: The identifier assigned by the Supplier to identify their account. Suppliers should use this field to *uniquely* identify their Customers.

Supplier Arrears: The amount due to the Supplier by the Customer that is considered overdue.

Supplier Hourly Loads (Total): The total Supplier hourly loads for which a Supplier has supply responsibility as reported for settlement purposes to ISO New England by the Distribution Company. This field will contain kWh use in each of the 24 daily hours. The aggregate hourly loads will be reported separately for Supplier-enrolled Customers as well as for Customers who have not chosen a Supplier and are paying for their electricity supply via the Standard Offer or Last Resort Service, and for which that Supplier has been contracted by the Distribution Company to meet those supply requirements.

Supplier Company Identifier: The Supplier's Dunn & Bradstreet (D-U-N-S) number.

Supplier Pricing Option: The price point that the Customer will be charged for electric service within a particular rate class. Each Supplier rate class can support many price points.

Supplier Rate Code: The rate code assigned by the Supplier to identify the category of service supplied to the Customer. Must be consistent with a Distribution Company's existing tariff.

Total Amount Due Supplier: This is the total amount the Customer owes a Supplier. This amount may include current charges, arrears and arrears interest if applicable.

Total kilowatt-hour usage – Non-TOU: For non-time-of-use meters or unmetered services, this is the total kilowatt hour usage determined for the billing period.

Total kWh Usage: The total kilowatt hour usage for the service determined for the indicated billing period. On a Combined service, it represents the combined usage for all meters on the Combined service.

Transaction Creation Date: The date stamp indicating the day on which a transaction was created, usually assigned via a system date.

Transaction Identification Number: An alphanumeric designator assigned to a transaction for use in matching initial transactions with the appropriate responses or to assist with the research and solution of production problems.

Type of Reading: Indicates whether usage was determined by an actual meter read or by an estimation process.

Type of Service Indicator: Used to identify the means by which service is provided to the Customer. It may also identify the type of metering installed or the type of unmetered service being provided to the Customer. This indicator is not used by The Narragansett Electric Company. If sent for The Narragansett Electric Company, value should always be “A”.

Values are:

- C = Combined Service (multiple meters billed as a Summary)
- D = Metered Service Demand & kWh
- E = Metered Service kWh
- H = Controlled Hot Water
- L = Lighting Service
- N = Non-Metered Service
- T = Metered Service TOU
- O = Metered Service TOU - On Peak
- F = Metered Service TOU - Off Peak
- A = Apply to All Services

STATUS CODES

<u>Field</u>	<u>Value</u>	<u>Definition</u>
Completion Status Codes (C.S.C.)	100	Successful Transaction
	999	Errors on Transaction
Account (A) and Service (S) Level Errors (EDI 814)		
A	101	Invalid Detail Record Indicator
A	102	Invalid Supplier Account Number
A	103	Invalid Distribution Company Account Number
A	104	Invalid Distribution Company Customer Name
A	107	Invalid Billing Option
S	109	Invalid Supplier Rate Code
S	110	Invalid Supplier Pricing Option
S	111	Invalid Type of Service Indicator
S	112	Invalid Service Identifier
A	114	Invalid Sales Tax Indicator
A	153	Invalid Supplier Identifier
A	154	Invalid Distribution Company Identifier
A	164	Customer Already Enrolled
A	165	Supplier on probation
S	166	Related Transaction failed
A	167	Customer Already Enrolled for Same Supplier
A	177	Invalid Customer Status
A	178	No Customer History Available