

## Market Test Changes – Billing & Usage Request/Response

### DOCUMENT HISTORY

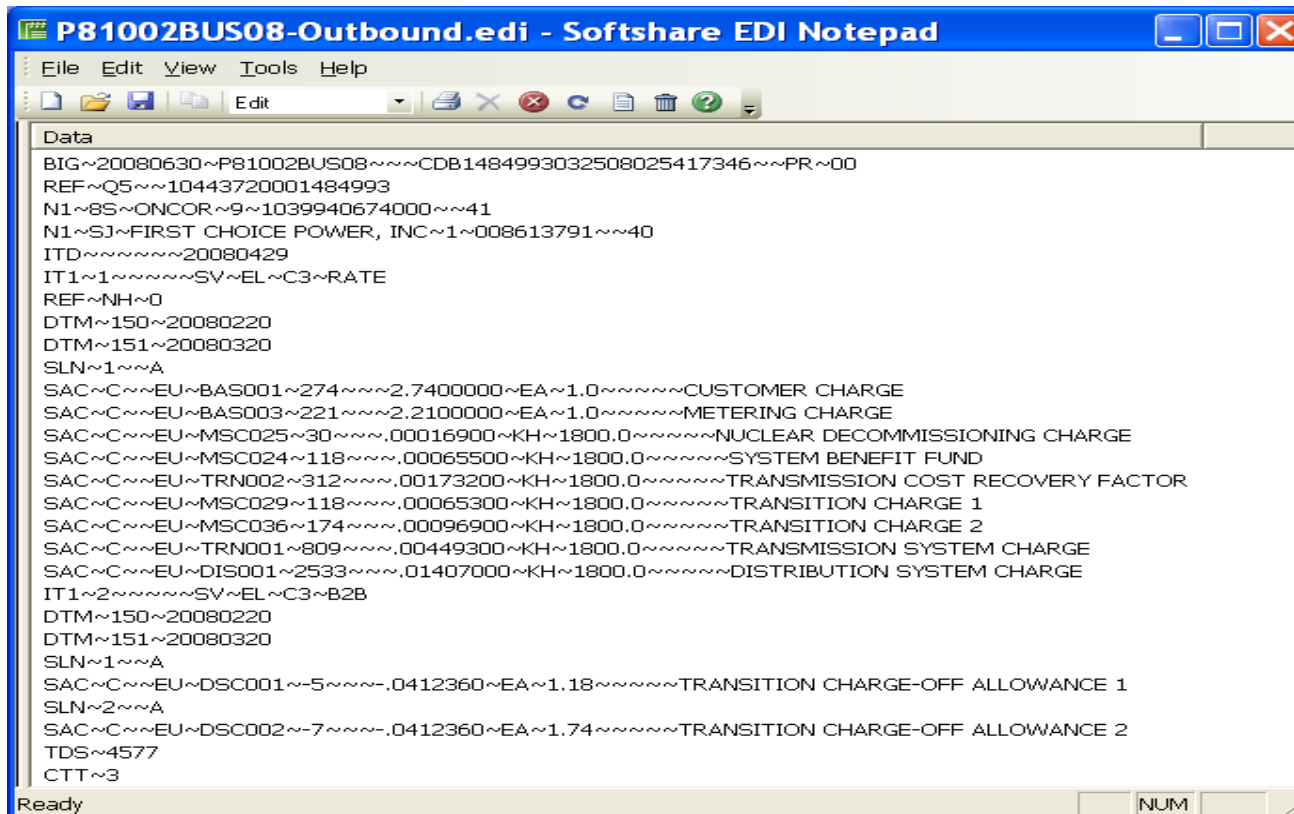
<b>Date</b>	<b>Version</b>	<b>Description</b>	<b>Author</b>
<b>02/28/2008</b>	<b>V 1.0</b>	<b>Initial Release</b>	<b>Jim Rupert</b>
<b>04/04/2008</b>	<b>V 1.1</b>	<b>CQ 50145 and CQ 50145 Updates</b>	<b>Lori Eubanks</b>
<b>04/09/2008</b>	<b>V 1.2</b>	<b>Added Appendix B. Batching, Appendix C. Control Numbers</b>	<b>Lori Eubanks</b>

## 810\_02: TDSP to CR Invoice

Sequence Changes: None

ANSI Validations: ANSI 4010 Standards followed

EDI Sample (Test Case):



```
Data
BIG~20080630~P81002BUS08~~~~CDB1484993032508025417346~~~PR~00
REF~Q5~~~10443720001484993
N1~8S~ONCOR~9~1039940674000~~~41
N1~SJ~FIRST CHOICE POWER, INC~1~008613791~~~40
ITD~~~~~20080429
IT1~1~~~~~SV~EL~C3~RATE
REF~NH~0
DTM~150~20080220
DTM~151~20080320
SLN~1~~~A
SAC~C~~~EU~BAS001~274~~~~2.7400000~EA~1.0~~~~~CUSTOMER CHARGE
SAC~C~~~EU~BAS003~221~~~~2.2100000~EA~1.0~~~~~METERING CHARGE
SAC~C~~~EU~MSC025~30~~~~0.00016900~KH~1800.0~~~~~NUCLEAR DECOMMISSIONING CHARGE
SAC~C~~~EU~MSC024~118~~~~0.00065500~KH~1800.0~~~~~SYSTEM BENEFIT FUND
SAC~C~~~EU~TRN002~312~~~~0.00173200~KH~1800.0~~~~~TRANSMISSION COST RECOVERY FACTOR
SAC~C~~~EU~MSC029~118~~~~0.00065300~KH~1800.0~~~~~TRANSITION CHARGE 1
SAC~C~~~EU~MSC036~174~~~~0.00096900~KH~1800.0~~~~~TRANSITION CHARGE 2
SAC~C~~~EU~TRN001~809~~~~0.00449300~KH~1800.0~~~~~TRANSMISSION SYSTEM CHARGE
SAC~C~~~EU~DIS001~2533~~~~0.01407000~KH~1800.0~~~~~DISTRIBUTION SYSTEM CHARGE
IT1~2~~~~~SV~EL~C3~B2B
DTM~150~20080220
DTM~151~20080320
SLN~1~~~A
SAC~C~~~EU~DSC001~5~~~~0.0412360~EA~1.18~~~~~TRANSITION CHARGE-OFF ALLOWANCE 1
SLN~2~~~A
SAC~C~~~EU~DSC002~7~~~~0.0412360~EA~1.74~~~~~TRANSITION CHARGE-OFF ALLOWANCE 2
TDS~4577
CTT~3
Ready NUM
```

**TxSet Validation Changes:** Segments which include changes are highlighted in yellow and the changes are **notated in red font**. ANSI validations are **notated in gray font** or not shown if they are not needed for completeness.

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
BIG02	<i>Not Null</i>	<i>Not Null</i> <i>Alphanumeric only - uppercase letters (A to Z) and digits (0 to 9)</i>				
BIG07	<i>'26', 'BD', 'FB' or 'PR'</i>	<i>No Change</i>				
BIG08	<i>'00', '01' or '05'</i>	<i>No Change</i>				
REF(OI)01	<i>'OI'</i>	<i>No Change</i>	<i>If BIG08 equals '01' or '05'</i>	<i>No Change</i>		
REF(Q5)01	<i>'Q5'</i>	<i>No Change</i>				
REF(Q5)03	<i>notNull</i>	<i>notNull</i> <i>alphanumeric excluding asterisk *, pipes  , tabs, linefeeds, carets ^, angle brackets &lt; &gt;, and tildes ~</i>	<i>If REF(Q5)01 equals 'Q5'</i>	<i>No Change</i>		
N1(8S)01	<i>'8S'</i>	<i>No Change</i>				
N1(8S)02	<i>notNull</i>	<i>notNull</i> <i>alphanumeric excluding asterisk *,</i>				

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
		<i>pipes  , tabs, linefeeds, carets ^, angle brackets &lt; &gt;, and tildes ~</i>				
N1(8S)03	'1' or '9'	No Change				
N1(8S)04	<i>stringLength equals 9</i>	No Change	<i>If N1(8S)03 equals '1'</i>	No Change		
N1(8S)04	<i>stringLength equals 13</i>	No Change	<i>If N1(8S)03 equals '9'</i>	No Change		
N1(8S)06	'41'	No Change				
N1(SJ)01	'SJ'	No Change				
N1(SJ)02	<i>notNull</i>	<i>notNull alphanumeric excluding asterisk *, pipes  , tabs, linefeeds, carets ^, angle brackets &lt; &gt;, and tildes ~</i>				
N1(SJ)03	'1' or '9'	No Change				
N1(SJ)04	<i>stringLength equals 9</i>	No Change	<i>If N1(SJ)03 equals '1'</i>	No Change		
N1(SJ)04	<i>stringLength equals 13</i>	No Change	<i>If N1(SJ)03 equals '9'</i>	No Change		
N1(SJ)06	'40'	No Change				
ITD06	<i>notNull</i>	No Change				

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
IT101	<i>NotNull</i>	<i>No Change</i>				
IT106	<i>'SV'</i>	<i>No Change</i>				
IT107	<i>'EL'</i>	<i>No Change</i>				
IT108	<i>'C3'</i>	<i>No Change</i>				
IT109	<i>'ACCOUNT', 'B2B' or 'RATE'</i>	<i>No Change</i>				
REF(NH)01	<i>'NH'</i>	<i>No Change</i>	<i>If IT109 equals 'RATE'</i>	<i>No Change</i>		
REF(NH)02	<i>NotNull</i>	<i>No Change</i>	<i>If REF(NH)01 exists</i>	<i>No Change</i>		
REF(PR)01	<i>'PR'</i>	<i>No Change</i>	<i>Optional If IT109 equals 'RATE'...</i>	<i>No Change</i>		
REF(PR)02	<i>NotNull</i>	<i>No Change</i>	<i>If REF(PR)01 exists</i>	<i>No Change</i>		
DTM(150)01	<i>'150'</i>	<i>No Change</i>	<i>If BIG07 = "FB" or "PR"</i>	<i>No Change</i>		
DTM(151)01	<i>'151'</i>	<i>No Change</i>	<i>If BIG07 = "FB" or "PR"</i>	<i>No Change</i>		
SLN01	<i>NotNull</i>	<i>No Change</i>		<i>No Change</i>		
SLN03	<i>'A'</i>	<i>No Change</i>	<i>If SLN01 segment exists</i>	<i>No Change</i>		
DTM(198)01	<i>'198'</i>	<i>No Change</i>	<i>If IT109 equals 'ACCOUNT': required for Service Order SLN loops, otherwise not used</i>	<i>No Change</i>		
DTM(944)01	<i>'944'</i>	<i>No Change</i>	<i>If IT109 equals</i>	<i>No Change</i>		

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
			'RATE' : Required when unmetered services are prorated			
DTM(944)05	'RD8'	No Change	If DTM(944)01 segment exists	No Change		
DTM(944)06		"CCYYMMDD" or "CCYYMMDD"	If DTM(944)01 segment exists	No Change		
REF(IK)01	'IK'	No Change	If IT109 equals 'B2B' :And If SAC04 = "LPC001" or (SAC04 = "INT001" or "INT003") , otherwise Not Used	No Change		
REF(IK)02	notNull	No Change	If REF(IK)01 segment exists	No Change		
REF(OW)01	'OW'	No Change	If IT109 equals 'ACCOUNT' : Required for Service Order SLN loops, otherwise Not Used	No Change		
REF(OW)02	notNull	No Change	If REF(OW)01 segment exists	No Change		
SAC01	'C' or 'N'	No Change				
SAC03	'EU'	No Change				
SAC04		See TXSET spec for				

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
		<i>allowed values</i>				
SAC05	<p>Number with implied decimal 2 places</p> <p>This field must be signed if it is negative.</p>	No Change				
SAC05		<p><i>Oncor decision not to enforce this validation.</i></p> <p><i>(The SAC08 multiplied by the SAC10 must always equal the SAC05)</i></p> <p>.</p>				
SAC08	<p>Real Number</p> <p>This field must be signed if it is negative.</p>	<p>ANSI Compliant – 9 total characters including decimal point and minus sign (was 10)</p>				
SAC08		<p><i>Oncor decision not to enforce this validation.</i></p> <p><i>(The SAC08 multiplied by the SAC10 must always equal the</i></p>				

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
		SAC05)				
SAC09	See TXSET spec for allowed values	No Change				
SAC10	Real Number This field must be signed if it is negative.	No Change				
SAC10		Oncor decision not to enforce this validation (The SAC08 multiplied by the SAC10 must always equal the SAC05)				
SAC11	notNull	No Change	If SAC09 equals "AF" or "4A" or "4C" or "RA" or "RC" otherwise optional	No Change		
SAC15	notNull	No Change	If SAC04 equals 'CRE030', 'CRE031' or 'SER001'... otherwise optional	No Change		
TXI01	'FR' or 'LS'	No Change	Optional, required if taxes are applicable to the preceding SAC charge	No Change	N/A	

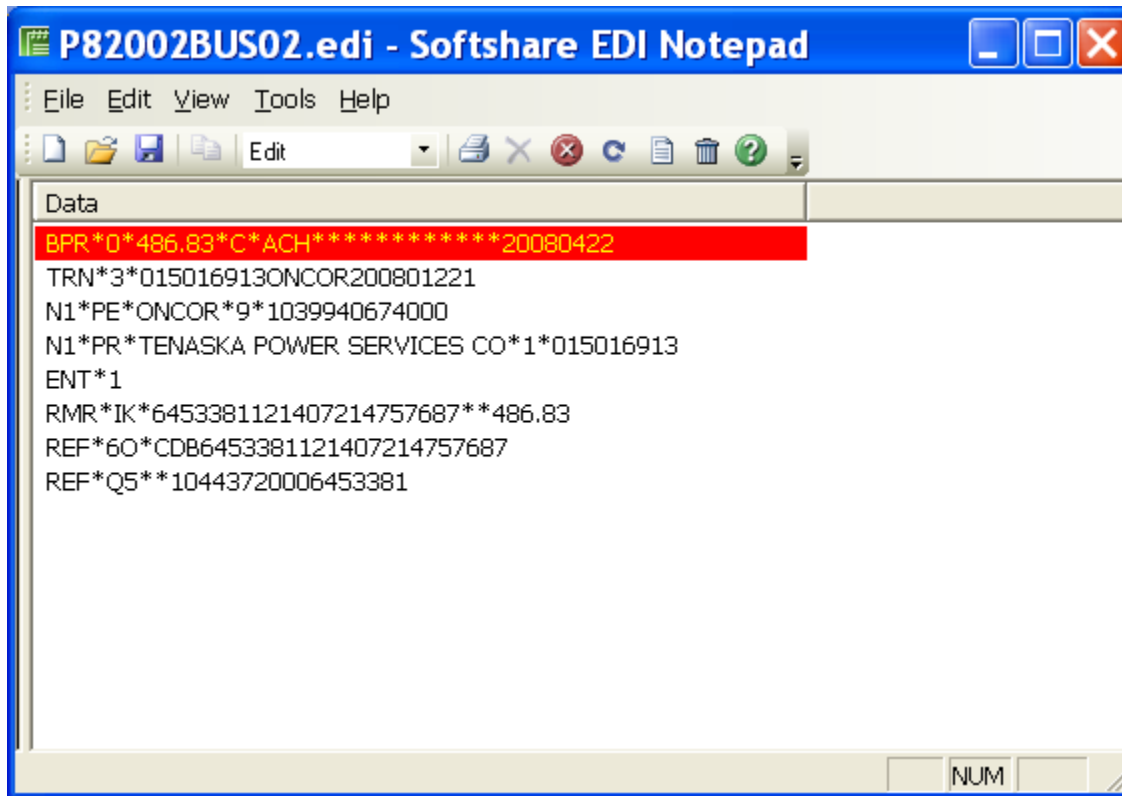
<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
TXI07	'A'	<i>No Change</i>	<i>If TXI01 segment exists</i>	<i>No Change</i>		
TDS01	<i>Number with implied decimal 2 places notNull</i>	<i>No Change</i>				
CTT01	<i>Number no decimal</i>	<i>No Change</i>	<i>Must equal the number of IT1 Segments</i>	<i>No Change</i>		

**820\_02:** Remittance Advice

**Sequence Changes:** None

**ANSI Validations:** ANSI 4010 Standards followed

**EDI Sample (Test Case):**



```
File Edit View Tools Help
Data
BPR*0*486.83*C*ACH*****20080422
TRN*3*015016913ONCOR200801221
N1*PE*ONCOR*9*1039940674000
N1*PR*TENASKA POWER SERVICES CO*1*015016913
ENT*1
RMR*IK*6453381121407214757687**486.83
REF*60*CDB6453381121407214757687
REF*Q5**10443720006453381
NUM
```

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<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
BPR01	'1'	No Change				
BPR02		<i>Real Number with Decimal Point *See comments</i>	This field must equal the sum of all detail position RMR04 (150) elements.	No Change		
BPR03	'C'	No Change				
BPR04	'ACH', 'FEW' or 'FWT'	No Change				
BPR16	notNull	No Change				
TRN01	'3'	No Change				
TRN02		<i>Alphanumeric only - uppercase letters (A to Z) and digits (0 to9)</i>				
N1(PE)01	'PE'	No Change	Only one PE Segment allowed.	No Change		
N1(PE)02	notNull	No Change				
N1(PE)03	'1' or '9'	No Change				
N1(PE)04	stringLength equals 9	No Change	If N1(PE)03 equals '1'	No Change		
N1(PE)04	stringLength equals 13	No Change	If N1(PE)03 equals '9'	No Change		
N1(PR)01	'PR'	No Change	Only one PR segment allowed.	No Change		

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
N1(PR)02	<i>notNull</i>	<i>No Change</i>				
N1(PR)03	<i>'1' or '9'</i>	<i>No Change</i>				
N1(PR)04	<i>stringLength equals 9</i>	<i>No Change</i>	<i>If N1(PR)03 equals '1'</i>	<i>No Change</i>		
N1(PR)04	<i>stringLength equals 13</i>	<i>No Change</i>	<i>If N1(PR)03 equals '9'</i>	<i>No Change</i>		
ENT01	<i>NotNull</i>	<i>No Change</i>	<i>Only one ENT Loop per 820 transaction</i>	<i>No Change</i>		
RMR(IK)01 in ENT~1 loop	<i>'IK'</i>	<i>No Change</i>				
RMR(IK)02 in ENT~1 loop	<i>notNull</i>	<i>No Change</i>	<i>If REF(IK)01 segment exists</i>	<i>No Change</i>	<i>ANSI 997 NACK</i>	<i>No Change</i>
RMR(IK)04 in ENT~1 loop	<i>notNull</i>	<i>No Change</i>				
REF(6O)01 in RMR loop of ENT~1 loop	<i>'6O'</i>	<i>No Change</i>	<i>Optional, the cross-reference number originally transmitted in the 867 in the BPT02 must be sent in the BIG05 of the 810 and in the RMR loop REF~6O of the 820</i>	<i>No Change</i>		
REF(6O)02 in RMR loop of ENT~1 loop		<i>Alphanumeric only - uppercase letters (A to Z) and digits (0</i>	<i>If REF~6O segment exists</i>	<i>No Change</i>		

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
		<i>to9)</i>				
REF(Q5)01 in RMR loop of ENT~1 loop	'Q5'	<i>No Change</i>				
REF(Q5)03 in RMR loop of ENT~1 loop	<i>notNull</i>	<i>No Change</i>	<i>If REF(Q5)01 equals 'Q5'</i>	<i>No Change</i>	ANSI 997 NACK	<i>No Change</i>

867\_02: Historical Usage

Sequence Changes: None

ANSI Validations: ANSI 4010 Standards followed

EDI Sample (Test Case):

```
CMR8670259794X20070424867N1000-Outbound.edi - S...
File Edit View Tools Help
Data
BPT*52*CMR8670259794X20070424867N1000*20080618*DD*****0000000031026419
REF*Q5**10443720002959794
N1*8S*ONCOR*9*1039940674000**41
N1*AY*ERCOT*1*183529049**40
N1*SJ*DUMMY CR*1*799530915
PTD*PL***MG*090621278LG
DTM*150*20070323
DTM*151*20070424
REF*JH*A
REF*MT*KHMON
QTY*KA*866.0
MEA**PRQ*866.0****51
MEA**MU*1.0
NUM
```

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<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
BPT01	'52'	No Change				
BPT02	Not Null	Not Null <i>Alphanumeric only - Uppercase letters (A to Z) and digits (0 to 9)</i>				
BPT04	'C1', 'DD' or 'DR'	No Change				
BPT09		<i>BGN06 of the Historical Usage Request ( 814_03 or 814_26)</i>				
REF(Q5)01	'Q5'	No Change				
REF(Q5)03	notNull	notNull <i>excluding asterisk *, pipes  , tabs, linefeeds, carets ^, angle brackets &lt; &gt;, and tildes ~</i>	If REF(Q5)01 equals 'Q5'	No Change		
N1(8S)01	'8S'	No Change				
N1(8S)02	notNull	notNull <i>excluding asterisk *, pipes  , tabs, linefeeds, carets ^, angle</i>				

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
		<i>brackets &lt; &gt;, and tildes ~</i>				
N1(8S)03	'1' or '9'	No Change				
N1(8S)04	<i>stringLength equals 9</i>	No Change	<i>If N1(8S)03 equals '1'</i>	No Change		
N1(8S)04	<i>stringLength equals 13</i>	No Change	<i>If N1(8S)03 equals '9'</i>	No Change		
N1(8S)06	'41'	No Change				
N1(AY)01	'AY'	No Change				
N1(AY)02	<i>notNull</i>	<i>notNull excluding asterisk *, pipes  , tabs, linefeeds, carets ^, angle brackets &lt; &gt;, and tildes ~</i>				
N1(AY)03	'1'	No Change				
N1(AY)04	<i>stringLength equals 9</i>	No Change	<i>If N1(AY)03 equals '1'</i>	No Change		
N1(AY)06	'40'	No Change				
N1(SJ)01	'SJ'	No Change	<i>Optional</i>	No Change		
N1(SJ)02	<i>notNull</i>	<i>notNull excluding asterisk *, pipes  , tabs, linefeeds, carets ^, angle brackets &lt; &gt;, and tildes ~</i>				

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
		<i>and tildes ~</i>				
N1(SJ)03	'1' or '9'	No Change				
N1(SJ)04	<i>stringLength equals 9</i>	No Change	<i>If N1(SJ)03 equals '1'</i>	No Change		
N1(SJ)04	<i>stringLength equals 13</i>	No Change	<i>If N1(SJ)03 equals '9'</i>	No Change		
N1(SJ)06		<i>Optional</i>				
PTD(PL)01	'PL'	No Change	<i>Optional (a PTD~loop is mandatory; see appropriate meter measurement type / reporting level)... PTD~PL loop for Non-Interval Detail LCIS understands these rules for the appropriate PTD loop values / combinations and they will be handled by LCIS</i>	No Change	N/A	
PTD(PL)04	'MG'	No Change	<i>Not used if the PTD(PL)06= "AO" or "AI"</i>	No Change		
PTD(PL)05		<i>alphanumeric only – uppercase A thru Z, 0 thru 9</i>	<i>if PTD(PL)04= "MG"</i>	No Change		
PTD(PL)06	'AI', 'AO', 'CD',	No Change	<i>Optional</i>	No Change		

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
	'DC', 'DM' or 'MD'					
DTM(150)01 in PTD~PL loop	'150'	No Change	If PTD~PL loop exists... required, unless an Exchange Date (DTM~514) is substituted for this code	No Change		
DTM(151)01 in PTD~PL loop	'151'	No Change	If PTD~PL loop exists... required, unless an Exchange Date (DTM~514) is substituted for this code	No Change		
DTM(514)01 in PTD~PL loop	'514'	No Change	If PTD~PL loop exists... required when a meter is exchanged and the meter agent does not change.	No Change		
REF(JH)01 in PTD~PL loop	'JH'	No Change	If PTD~PL loop exists	No Change		
REF(JH)02 in PTD~PL loop	'A', 'I' or 'S'	No Change	If REF(JH)01 segment exists in PTD~PL loop	No Change		
REF(MT)01 in PTD~PL loop	'MT'	No Change	If PTD~PL loop exists	No Change		
REF(MT)02 in PTD~PL loop		See TXSET Spec for	If REF(MT)01 segment exists in	No Change		

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
		<i>allowed values</i>	<i>PTD~PL loop</i>			
QTY(PL)01 in PTD~PL loop	'92', 'AO', 'KA' or 'QD'	No Change	If PTD~PL loop exists	No Change		
MEA(PRQ)02 in PTD~PL loop	'PRQ'	No Change	If PTD~PL loop exists	No Change		
MEA(PRQ)03 in PTD~PL loop	<i>notNull</i>	No Change	If MEA(PRQ)01 segment exists in PTD~PL loop	No Change	ANSI 997 NACK	No Change
MEA(PRQ)07 in PTD~PL loop	'41', '42', '43', '51' or '71'	No Change	If MEA(PRQ)01 segment exists in PTD~PL loop	No Change		
MEA(CO)02 in PTD~PL loop	'CO'	No Change		<p><i>If PTD~PL loop exists and required when the transformer loss is <del>not</del> measured by the meter</i></p> <p><i>LCIS understands these rules for the appropriate PTD loop values / combinations and they will be handled by LCIS</i></p> <p><i>TXSet discrepancy: Transformer Loss Factor is measured and reported in MEA(CO)03.</i></p> <p><i>TXSet states: "When transformer</i></p>		

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
				<i>loss is not measured..." Removed "not" per ONCOR.</i>		
MEA(MU)02 in PTD~PL loop	'MU'	No Change	If PTD~PL loop exists	No Change		
MEA(ZA)02 in PTD~PL loop	'ZA'	No Change		<i>If PTD~PL loop exists and required if measured  LCIS understands these rules for the appropriate PTD loop values / combinations and they will be handled by LCIS</i>		
PTD(BD)01	'BD'	No Change	<i>Optional (a PTD~loop is required for each unmetered device type per each unique wattage and/or lumen reported)... PTD~BD loop for Unmetered Services</i>	No Change	N/A	
DTM(150)01 in PTD~BD loop	'150'	No Change	If PTD~BD loop exists	No Change		
DTM(151)01 in PTD~BD loop	'151'	No Change	If PTD~BD loop exists	No Change		
REF(PRT)01 in	'PRT'	No Change	If PTD~BD loop	No Change		

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
PTD~BD loop			<i>exists... required if there are unmetered services on the account</i>			
REF(PRT)02 in PTD~BD loop	<i>See TXSET Spec for allowed values</i>	<i>No Change</i>	<i>If REF(PRT)01 segment exists in PTD~BD loop</i>	<i>No Change</i>		
REF(PRT)03 in PTD~BD loop		<i>excluding characters: asterisk *, pipes  , tabs, linefeeds, carets ^, angle brackets &lt;&gt;, and tildes ~</i>	<i>If REF(PRT)01 segment exists in PTD~BD loop and field contains free-form text</i>	<i>No Change</i>		
QTY(QD)01 in PTD~BD loop	<i>'QD'</i>	<i>No Change</i>	<i>If PTD~BD loop exists*</i>	<i>No Change</i>		
QTY(QD)02 in PTD~BD loop	<i>notNull</i>	<i>No Change</i>	<i>If QTY(QD)01 segment exists in PTD~BD loop</i>	<i>No Change</i>	<i>ANSI 997 NACK</i>	<i>No Change</i>
QTY(QD)03.C0 0101 in PTD~BD loop	<i>'EA'</i>	<i>No Change</i>	<i>If QTY(QD)01 segment exists in PTD~BD loop</i>	<i>No Change</i>		
QTY(QD)03.C0 0103 in PTD~BD loop	<i>notNull</i>	<i>No Change</i>	<i>If QTY(QD)01 segment exists in PTD~BD loop</i>	<i>No Change</i>		
QTY(QD)03.C0 0104 in PTD~BD loop	<i>'KH'</i>	<i>No Change</i>	<i>If QTY(QD)01 segment exists in PTD~BD loop</i>	<i>No Change</i>		
QTY(QD)03.C0 0106 in	<i>notNull</i>	<i>No Change</i>	<i>If QTY(QD)01 segment exists in</i>	<i>No Change</i>		

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
PTD~BD loop			<i>PTD~BD loop</i>			
PTD(BO)01	'BO'	<i>No Change</i>	<i>Optional (a PTD~loop is required for each meter for each unit of measure)... PTD~BO loop for Interval Summary LCIS understands these rules for the appropriate PTD loop values / combinations and they will be handled by LCIS</i>	<i>No Change</i>	<i>N/A</i>	
PTD(BO)04	'MG'	<i>No Change</i>	<i>Not used if the PTD(BO)06= "AO" or "AI"</i>	<i>No Change</i>		
PTD(BO)05		<i>alphanumeric only – uppercase A thru Z, 0 thru 9</i>	<i>if PTD(BO)04= "MG"</i>	<i>No Change</i>		
PTD(BO)06	'AI' or 'AO'	<i>No Change</i>	<i>Optional</i>	<i>No Change</i>		
DTM(150)01 in PTD~BO loop	'150'	<i>No Change</i>	<i>If PTD~BO loop exists... required, unless an Exchange Date (DTM~514) is substituted for this code</i>	<i>No Change</i>		
DTM(151)01 in	'151'	<i>No Change</i>	<i>If PTD~BO loop</i>	<i>No Change</i>		

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
PTD~BO loop			<i>exists... required, unless an Exchange Date (DTM~514) is substituted for this code</i>			
DTM(514)01 in PTD~BO loop	'514'	No Change	<i>If PTD~BO loop exists... required when a meter is exchanged and the meter agent does not change.</i>	No Change		
REF(JH)01 in PTD~BO loop	'JH'	No Change	<i>If PTD~BO loop exists</i>	No Change		
REF(JH)02 in PTD~BO loop	'A', 'I' or 'S'	No Change	<i>If REF(JH)01 segment exists in PTD~BO loop</i>	No Change		
REF(MT)01 in PTD~BO loop	'MT'	No Change	<i>If PTD~BO loop exists</i>	No Change		
REF(MT)02 in PTD~BO loop	<i>See TXSET Spec for allowed values</i>	No Change	<i>If REF(MT)01 segment exists in PTD~BO loop</i>	No Change		
QTY(BO)01 in PTD~BO loop	'KA' or 'QD'	No Change	<i>If PTD~BO loop exists</i>	No Change		
MEA(CO)02 in PTD~BO loop	'CO'	No Change		<i>If PTD~BO loop exists and required when the transformer loss is <del>not</del> measured by the meter</i>		

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
				<p>LCIS understands these rules for the appropriate PTD loop values / combinations and they will be handled by LCIS</p> <p><i>TXSet discrepancy: Transformer Loss Factor is measured and reported in MEA(CO)03.</i></p> <p><i>TXSet states: "When transformer loss is not measured..."</i></p> <p><i>Removed "not" per ONCOR.</i></p>		
MEA(ZA)02 in PTD~BO loop	'ZA'	No Change	If PTD~BO loop exists and required if measured	No Change		
PTD(PM)01	'PM'	No Change	Optional (a PTD~loop is required for each meter channel for each unit of measure)... PTD~PM loop for Interval Detail	No Change	N/A	No Change
PTD(PM)04	'MG'	No Change	If PTD~PM loop exists	No Change		
PTD(PM)05		<i>alphanumeric only – uppercase A</i>	If PTD~PM loop exists	No Change		

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
		<i>thru Z, 0 thru 9</i>				
DTM(150)01 in PTD~PM loop	'150'	No Change	<i>If PTD~ PM loop exists... required, unless an Exchange Date (DTM~514) is substituted for this code</i>	No Change		
DTM(151)01 in PTD~ PM loop	'151'	No Change	<i>If PTD~ PM loop exists... required, unless an Exchange Date (DTM~514) is substituted for this code</i>	No Change		
DTM(514)01 in PTD~ PM loop	'514'	No Change	<i>If PTD~ PM loop exists... required when a meter is exchanged and the meter agent does not change.</i>	No Change		
DTM(514)03 in PTD~PM loop	<i>HHMM</i>	No Change		<i>If DTM(514)01 segment exists in PTD~PM loop</i>		
REF(6W)01 in PTD~PM loop	'6W'	No Change	<i>If PTD~PM loop exists</i>	No Change		
REF(MT)01 in PTD~PM loop	'MT'	No Change	<i>If PTD~PM loop exists</i>	No Change		
REF(MT)02 in PTD~PM loop	<i>See TXSET Spec for allowed values</i>	No Change	<i>If REF(MT)01 segment exists in PTD~PM loop</i>	No Change		

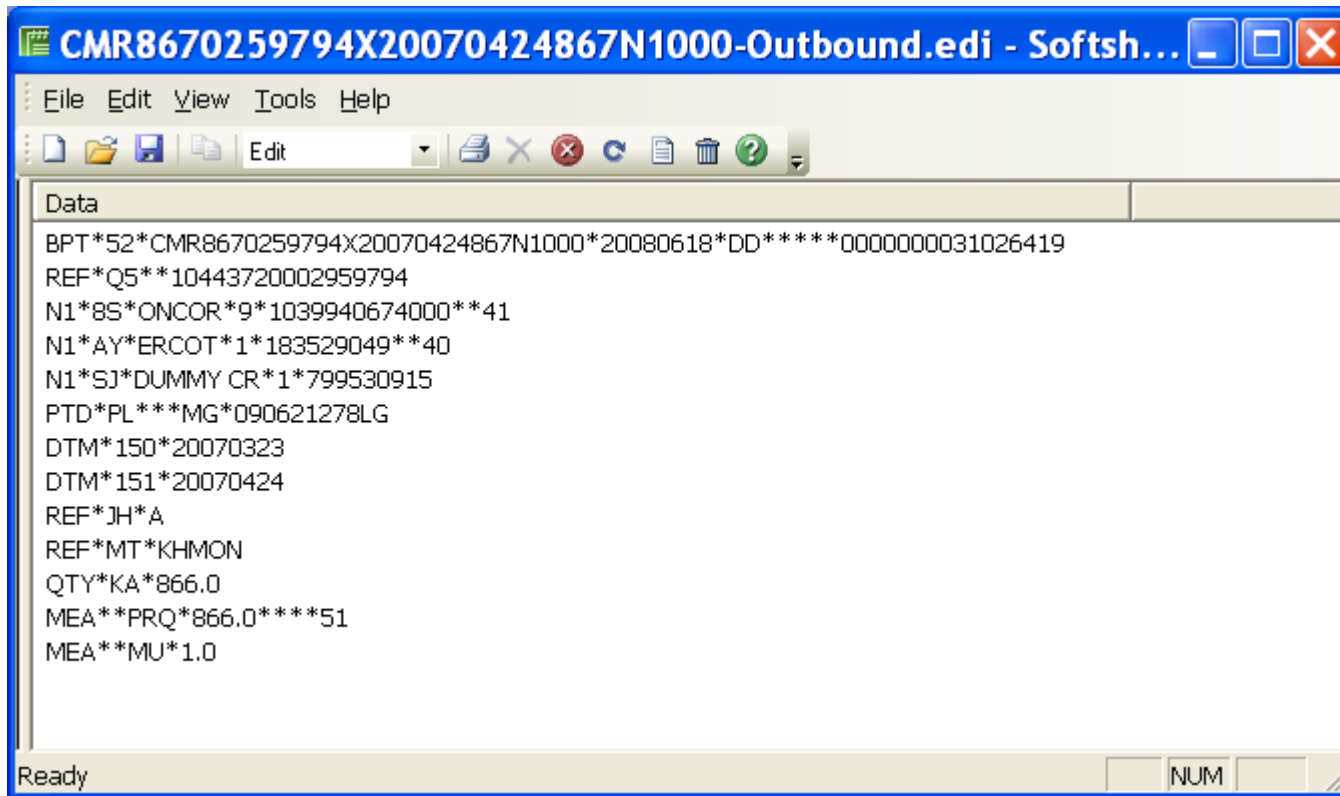
<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
REF(JH)01 in PTD~PM loop	'JH'	No Change	If PTD~ PM loop exists	No Change		
REF(JH)02 in PTD~ PM loop	'A', 'I' or 'S'	No Change	If REF(JH)01 segment exists in PTD~ PM loop	No Change		
QTY(PM)01 in PTD~PM loop	'KA' or 'QD'	No Change	If PTD~PM loop exists	No Change		
DTM(194)01 in PTD~PM loop	'194'	No Change	If PTD~PM loop exists	No Change		
DTM(194)03 in PTD~PM loop		HHMM	If DTM(194)01 segment exists in PTD~PM loop	No Change		

**867\_03:** Monthly Usage

**Sequence Changes:** None

**ANSI Validations:** ANSI 4010 Standards followed

**EDI Sample (Test Case):**



**TxSet Validation Changes:** Segments which include changes are highlighted in yellow and the changes are **notated in red font**. ANSI validations are notated in gray font or not shown if they are not needed for completeness.

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
BPT01	'00', '01', '05' or 'EX'	No Change				
BPT02	Not Null	Not Null				

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
		<i>Alphanumeric only - Uppercase letters (A to Z) and digits (0 to 9)</i>				
BPT03	<i>Not null</i>	<i>No Change</i>				
BPT04	<i>'C1' or 'DD'</i>	<i>No Change</i>				
BPT07	<i>'F' or Null</i>	<i>No Change</i>				
BPT09	<i>Not null</i>	<i>No Change</i>	<i>If BPT01 equals '01' or '05'</i>	<i>No Change</i>	<i>"REP-ORIG-REQST-REF-H must be populated"</i>	<i>No Change</i>
REF(Q5)01	<i>'Q5'</i>	<i>No Change</i>				
REF(Q5)03	<i>Not null</i>	<i>Not null excluding asterisk *, pipes  , tabs, linefeeds, carets ^, angle brackets &lt; &gt;, and tildes ~</i>	<i>If REF(Q5)01 equals 'Q5'</i>	<i>If REF(Q5)01 equals 'Q5'</i>		
REF(5I)01	<i>'5I'</i>	<i>No Change</i>		<i>If 'PTD*IA QTY=KA and BPT07 isNull' otherwise not used. OR if 'PTD*SU QTY=KA and</i>		

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
				BPT07 isNull' otherwise not used.  See Comments		
REF(5I)02	'D1' – 'D10' or 'O1' – 'O5'	No Change	If REF(5I)01 equals '5I'	No Change		
REF(5I)03	not Null "Prior 3.0"	No Change	If REF(5I)02 equals 'D10', and BPT04 = "CI", else null	No Change		
REF(5I)03	not Null "THIS CODE IS VALID FOR TXSET 3.0 TRANSLATION ONLY"	No Change	If REF(5I)02 equals 'D10',and BPT04 = "DD" else null	No Change		
REF(5I)04.C04001	'JH'	No Change	If REF(5I)01 equals '5I'	No Change		
REF(5I)04.C04002	'Y' or 'N'	No Change	If REF(5I)01 equals '5I'	No Change		
REF(5I)04.C04003	'ESN'	No Change	If REF(5I)01 equals '5I'	No Change		
REF(5I)04.C04004	>=1	No Change	If REF02 is D1-D9	No Change		
REF(5I)04.C04004	'0'	No Change	If REF02 is D10	No Change		
REF(5I)04.C04005	'QO'	No Change	If REF(5I)01 equals '5I'	No Change		

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
REF(5I)04.C04006	>=1	No Change	If REF02 is 'O1'	No Change		
REF(5I)04.C04006	>=0	No Change		If REF02 is O2 – O5		
REF(5I)04.C04006	'0'	No Change	If REF02 is D10	No Change		
REF(SR)01	'SR'	No Change				
REF(SR)02	'ERCOT', 'SERC', 'SPP' or 'WSCC'	'ERCOT', <del>'SERC', 'SPP'</del> or <del>'WSCC'</del>  Oncor decision to only allow 'ERCOT' value				
REF(TN)01	'TN'	No Change	BPT07 = 'F'	No Change		
REF(TN)02	Not Null	No Change	If REF(TN)01 equals 'TN'	No Change		
N1(8S)01	'8S'	No Change				
N1(8S)02	notNull	No Change				
N1(8S)03	'1' or '9'	No Change				
N1(8S)04	stringLength equals 9	No Change	If N1(8S)03 equals '1'	No Change		
N1(8S)04	stringLength equals 13	No Change	If N1(8S)03 equals '9'	No Change		
N1(8S)06	'41'	No Change				

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
N1(AY)01	'AY'	No Change				
N1(AY)02	notNull	No Change				
N1(AY)03	'1'	No Change				
N1(AY)04	stringLength equals 9	No Change	If N1(AY)03 equals '1'	No Change		
N1(AY)06	'40'	No Change				
N1(SJ)01	'SJ'	No Change		Optional		
N1(SJ)02	notNull	Cannot have these characters: *,  , tabs, linefeeds, carets ^, angle brackets < >, and tildes ~).				
N1(SJ)03	'1' or '9'	No Change				
N1(SJ)04	stringLength equals 9	No Change	If N1(SJ)03 equals '1'	No Change		
N1(SJ)04	stringLength equals 13	No Change	If N1(SJ)03 equals '9'	No Change		
N1(SJ)06	Not Used	No Change				
PTD(SU)01	'SU'	No Change		Optional (a PTD~ loop is mandatory; see appropriate meter measurement type / reporting level)... PTD~SU loop for		

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
				<i>Non-Interval Usage or Unmetered Summary</i> <i>LCIS understands these rules for the appropriate PTD loop values/combinations and will be handled by LCIS.</i>		
REF(MT)01 in PTD~SU loop	'MT'	No Change	If PTD~SU loop exists	No Change		
REF(MT)02 in PTD~SU loop	See TXSET Spec for allowed values	No Change	If REF(MT)01 segment exists in PTD~SU loop	No Change		
QTY(SU)01 in PTD~SU loop	'KA' or 'QD'	No Change	If PTD~SU loop exists	No Change		
QTY(SU)02 in PTD~SU loop	notNull Numeric	No Change	If QTY(SU)01 segment exists in PTD~SU loop	No Change		
MEA(PRQ)02 in PTD~SU loop	'PRQ'	No Change	If PTD~SU loop exists	No Change		
MEA(PRQ)03 in PTD~SU loop	Not Null	No Change				
MEA(PRQ)03 in PTD~SU loop	Value must = the value in QTY02	No Change	If MEA(PRQ)07 = '51'	No Change		

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
MEA(PRQ)07 in PTD~SU loop		'41', '42', '43', '51' or '71'	If MEA(PRQ)02 segment exists in PTD~SU loop	No Change		
DTM(150)01 in PTD~SU loop	'150'	No Change	If PTD~SU loop exists	No Change		
DTM(150)02 in PTD~SU loop	Not null	No Change				
DTM(151)01 in PTD~SU loop	'151'	No Change	If PTD~SU loop exists	No Change		
DTM(151)02 in PTD~SU loop	Not null	No Change				
PTD(PL)01	'PL'	No Change		Optional (a PTD~ loop is mandatory; see appropriate meter measurement type / reporting level)... PTD~PL loop for Non-Interval Detail <i>PTD~SU must exist</i> <i>PTD~BD cannot exist if PTD~PL exists</i> <i>LCIS understands these rules for the appropriate PTD loop values/combinations and will be handled by LCIS.</i>		

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
PTD(PL)04	'MG'	No Change	if the PTD(PL)06 does not = "AO" or "AI"	No Change		
PTD(PL)05		alphanumeric only – uppercase A thru Z, 0 thru 9	if PTD(PL)04= "MG" and if PTD(PL)06 does not = 'AO' or 'AI'	No Change		
PTD(PL)06	'AI', 'AO', 'CD', 'DC', 'DM', 'MD' or Null	No Change				
DTM(150)01 in PTD~PL loop	'150'	No Change	If PTD~PL loop exists... required, unless an Exchange Date (DTM~514) is substituted for this code	No Change		
DTM(150)02 in PTD~PL loop	Not null	No Change				
DTM(151)01 in PTD~PL loop	'151'	No Change	If PTD~PL loop exists... required, unless an Exchange Date (DTM~514) is substituted for this code	No Change		
DTM(151)02 in PTD~PL loop	Not null	No Change				
DTM(514)01 in	'514'	No Change	If PTD~PL loop exists... required	No Change		

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
PTD~PL loop			<i>when a meter is exchanged and the meter agent does not change.</i>			
DTM(514)02 in PTD~PL loop	<i>Not null</i>	<i>No Change</i>				
REF(JH)01 in PTD~PL loop	<i>'JH'</i>	<i>No Change</i>	<i>If PTD~PL loop exists</i>	<i>No Change</i>		
REF(JH)02 in PTD~PL loop	<i>'A','I','S'</i>	<i>No Change</i>				
REF(MT)01 in PTD~PL loop	<i>'MT'</i>	<i>No Change</i>	<i>If PTD~PL loop exists</i>	<i>No Change</i>		
REF(MT)02 in PTD~PL loop	<i>See TXSET Spec for allowed values</i>	<i>No Change</i>	<i>If REF(MT)01 segment exists in PTD~PL loop</i>	<i>No Change</i>		
QTY(PL)01 in PTD~PL loop	<i>'92', 'AO', 'KA' or 'QD'</i>	<i>No Change</i>	<i>If PTD~PL loop exists</i>	<i>No Change</i>		
QTY(PL)02 in PTD~PL loop	<i>Not null</i>	<i>No Change</i>				
MEA(PRQ)01 in PTD~PL loop	<i>'AA', 'AE', 'EA' or 'EE'</i>	<i>No Change</i>	<i>Required If PTD(PL)06 is NOT equal to "CD", "DC", "DM", "MD", "AO" or "AI"</i>  <i>See comments</i>	<i>No Change</i>		

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
MEA(PRQ)02 in PTD~PL loop	'PRQ'	No Change	If MEA(PRQ)01 segment exists in PTD~PL loop	No Change		
MEA(PRQ)03 in PTD~PL loop	notNull	No Change	If MEA(PRQ)01 segment exists in PTD~PL loop	No Change		
MEA(PRQ)04. C00101 in PTD~PL loop	'K1', 'K2', 'K3', 'K4' or 'KH'	No Change	If MEA(PRQ)01 segment exists in PTD~PL loop	No Change		
MEA(PRQ)05 in PTD~PL loop	notNull	No Change	If MEA(PRQ)04.C00101 in PTD~PL loop equals 'K3', 'K4' or 'KH'	No Change		
MEA(PRQ)06 in PTD~PL loop	notNull	No Change	If MEA(PRQ)04.C00101 in PTD~PL loop equals 'K1', 'K2', 'K3', 'K4' or 'KH'	No Change		
MEA(PRQ)07 in PTD~PL loop	'41', '42', '43', '51' or '71'	No Change	If MEA(PRQ)01 segment exists in PTD~PL loop	No Change		
MEA(CO)02 in PTD~PL loop	'CO'	No Change	Optional	No Change		
MEA(CO)03 in PTD~PL loop	Not null	No Change	If MEA(CO)segment exists in PTD~PL loop	No Change		
MEA(MU)02 in PTD~PL loop	'MU'	No Change	If PTD~PL loop exists	No Change		

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
MEA(MU)03 in PTD~PL loop	<i>Not null</i>	<i>No Change</i>	<i>If PTD~PL loop exists</i>	<i>No Change</i>		
MEA(ZA)02 in PTD~PL loop	<i>'ZA'</i>	<i>No Change</i>	<i>Optional</i>	<i>No Change</i>		
MEA(ZA)02 in PTD~PL loop	<i>Not null</i>	<i>No Change</i>	<i>If MEA(ZA)02 segment exists in PTD~PL loop</i>	<i>No Change</i>		
PTD(BD)01	<i>'BD'</i>	<i>No Change</i>		<i>Optional</i> <i>(a PTD~ loop is mandatory; see appropriate meter measurement type / reporting level)...</i> <i>PTD~BD loop for Unmetered Services</i> <i>PTD(BD)01 cannot exist if PTD(PL)01 exists</i> <i>PTD~SU must exist</i> <i>LCIS understands these rules for the appropriate PTD loop values/combinations and will be handled by LCIS.</i>		
DTM(150)01 in PTD~BD loop	<i>'150'</i>	<i>No Change</i>	<i>If PTD~BD loop exists</i>	<i>No Change</i>		

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
DTM(150)02 in PTD~BD loop	<i>Not null</i>	<i>No Change</i>				
DTM(151)01 in PTD~BD loop	<i>'151'</i>	<i>No Change</i>	<i>If PTD~BD loop exists</i>	<i>No Change</i>		
DTM(151)02 in PTD~BD loop	<i>Not null</i>	<i>No Change</i>				
REF(PRT)01 in PTD~BD loop	<i>'PRT'</i>	<i>No Change</i>	<i>If PTD~BD loop exists</i>	<i>No Change</i>		
REF(PRT)02 in PTD~BD loop	<i>See TXSET Spec for allowed values</i>	<i>No Change</i>	<i>If REF(PRT)01 segment exists in PTD~BD loop</i>	<i>No Change</i>		
REF(PRT)03 in PTD~BD loop	<i>Not Null</i>	<i>Not Null Alphanumeric excluding characters: asterisk *, pipes  , tabs, linefeeds, carets ^, angle brackets &lt;&gt;, and tildes ~</i>	<i>If REF(PRT)01 segment exists in PTD~BD loop and field notNull (i.e. contains free-form text)</i>	<i>No Change</i>		
QTY(QD)01 in PTD~BD loop	<i>'QD'</i>	<i>No Change</i>	<i>If PTD~BD loop exists*</i>	<i>No Change</i>		
QTY(QD)02 in PTD~BD loop	<i>notNull</i>	<i>No Change</i>	<i>If QTY(QD)01 segment exists in PTD~BD loop</i>	<i>No Change</i>		
QTY(QD)03.C0 0101 in PTD~BD loop	<i>'EA'</i>	<i>No Change</i>	<i>If QTY(QD)01 segment exists in PTD~BD loop</i>	<i>No Change</i>		

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
QTY(QD)03.C0 0103 in PTD~BD loop	<i>notNull</i>	<i>No Change</i>	<i>If QTY(QD)01 segment exists in PTD~BD loop</i>	<i>No Change</i>		
QTY(QD)03.C0 0104 in PTD~BD loop	<i>'KH'</i>	<i>No Change</i>	<i>If QTY(QD)01 segment exists in PTD~BD loop</i>	<i>No Change</i>		
QTY(QD)03.C0 0106 in PTD~BD loop	<i>notNull</i>	<i>No Change</i>	<i>If QTY(QD)01 segment exists in PTD~BD loop</i>	<i>No Change</i>		
PTD(IA)01	<i>'A'</i>	<i>No Change</i>		<i>Optional (a PTD~ loop is mandatory; see appropriate meter measurement type / reporting level)... PTD~IA loop for Net Interval Usage Summary  PTD(IA)01 cannot exist if PTD(SU)01 exists  PTD~BO must exist and PTD~BO PTD06 = "AI" or "AO"  PTD~PP must exist LCIS understands these rules for the appropriate PTD loop values/combination s and will be</i>		

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
				<i>handled by LCIS.</i>		
REF(MT)01 in PTD~IA loop	'MT'	No Change	If PTD~IA loop exists	No Change		
REF(MT)02 in PTD~IA loop	See TXSET Spec for allowed values	No Change	If REF(MT)01 segment exists in PTD~IA loop	No Change		
QTY(IA)01 in PTD~IA loop	'KA' or 'QD'	No Change	If PTD~IA loop exists	No Change		
DTM(150)01 in PTD~IA loop	'150'	No Change	If PTD~IA loop exists	No Change		
DTM(151)01 in PTD~IA loop	'151'	No Change	If PTD~IA loop exists	No Change		
PTD(BO)01	'BO'	No Change		Optional (a PTD~ loop is mandatory; see appropriate meter measurement type / reporting level)... PTD~BO loop for Interval Summary  <i>PTD~PP must exist PTD~PM must exist LCIS understands these rules for the appropriate PTD loop values/combination</i>		

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
				<i>s and will be handled by LCIS.</i>		
PTD(BO)04	'MG'	No Change	Not used if the PTD(BO)06= "AO" or "AI"	No Change		
PTD(BO)05		<i>alphanumeric only – uppercase A thru Z, 0 thru 9</i>	if PTD(BO)04= "MG"	No Change		
PTD(BO)06	'AI' or 'AO' Or Null	No Change				
DTM(150)01 in PTD~BO loop	'150'	No Change	If PTD~BO loop exists... required, unless an Exchange Date (DTM~514) is substituted for this code	No Change		
DTM(150)02 in PTD~BO loop	Not null	No Change				
DTM(151)01 in PTD~BO loop	'151'	No Change	If PTD~BO loop exists... required, unless an Exchange Date (DTM~514) is substituted for this code	No Change		
DTM(151)02 in PTD~BO loop	Not null	No Change				
DTM(514)01 in	'514'	No Change	If PTD~BO loop	No Change		

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
PTD~BO loop			<i>exists... required when a meter is exchanged and the meter agent does not change.</i>			
DTM(514)02 in PTD~BO loop	<i>Not null</i>	<i>No Change</i>				
REF(JH)01 in PTD~BO loop	<i>'JH'</i>	<i>No Change</i>	<i>If PTD~BO loop exists</i>	<i>No Change</i>		
REF(JH)02 in PTD~BO loop	<i>'A', 'I' or 'S'</i>	<i>No Change</i>	<i>If REF(JH)01 segment exists in PTD~BO loop</i>	<i>No Change</i>		
REF(MT)01 in PTD~BO loop	<i>'MT'</i>	<i>No Change</i>	<i>If PTD~BO loop exists</i>	<i>No Change</i>		
REF(MT)02 in PTD~BO loop	<i>'K3xxx', 'KHxxx', 'K4xxx'</i>	<i>'K3xxx', 'KHxxx', <del>'K4xxx'</del></i> <i>Oncor decision to not allow 'K1xxx', 'K2xxx' or 'K4xxx' values.</i>	<i>If REF(MT)01 segment exists in PTD~BO loop</i>	<i>No Change</i>		
QTY(BO)01 in PTD~BO loop	<i>'KA' or 'QD'</i>	<i>No Change</i>	<i>If PTD~BO loop exists</i>	<i>No Change</i>		
QTY(BO)02 in PTD~BO loop	<i>Not null</i>	<i>No Change</i>				
MEA(AF)01 in PTD~BO loop	<i>'AF' see Note 4 above for negative logic</i>	<i>No Change</i>	<i>If PTD(BO)06 does not equal 'AI' or 'AO'</i>	<i>No Change</i>		

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
	<i>test</i>					
MEA(AF)04.C00101 in PTD~BO loop	<i>'K3' or 'KH'</i>	<i>No Change</i>	<i>If MEA(AF)01 segment exists in PTD~BO loop</i>	<i>No Change</i>		
MEA(AF)05 in PTD~BO loop	<i>notNull</i>	<i>No Change</i>	<i>If MEA(AF)04.C00101 in PTD~BO loop equals 'KH'</i>	<i>No Change</i>		
MEA(AF)06 in PTD~BO loop	<i>notNull</i>	<i>No Change</i>	<i>If MEA(AF)01 segment exists in PTD~BO loop</i>	<i>No Change</i>		
MEA(AF)07 in PTD~BO loop	<i>'51'</i>	<i>No Change</i>	<i>If MEA(AF)01 segment exists in PTD~BO loop</i>	<i>No Change</i>		
MEA(CO)02 in PTD~BO loop	<i>'CO' see Note 4 above for negative logic test</i>	<i>No Change</i>	<i>Optional</i>	<i>No Change</i>		
MEA(CO)03 in PTD~BO loop	<i>Not null</i>	<i>No Change</i>				
MEA(MU)02 in PTD~BO loop	<i>'MU' see Note 4 above for negative logic test</i>	<i>No Change</i>	<i>If PTD(BO)06 isNull</i>	<i>No Change</i>		
MEA(MU)03 in PTD~BO loop	<i>Not null</i>	<i>No Change</i>				
MEA(ZA)02 in PTD~BO loop	<i>'ZA' see Note 4 above for negative logic test</i>	<i>No Change</i>	<i>Optional</i>	<i>No Change</i>		

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
MEA(ZA)03 in PTD~BO loop	<i>Not null</i>	<i>No Change</i>				
PTD(PP)01	<i>'PP'</i>	<i>No Change</i>		<i>Optional</i> <i>(a PTD~ loop is mandatory; see appropriate meter measurement type / reporting level)...</i> <i>PTD~PP loop for Interval Usage Summary Across Meters</i> <i>PTD~PM must exist and PTD~BO must exist.</i> <i>LCIS understands these rules for the appropriate PTD loop values/combinations and will be handled by LCIS.</i>		
DTM(150)01 in PTD~PP loop	<i>'150'</i>	<i>No Change</i>	<i>If PTD~PP loop exists</i>	<i>No Change</i>		
DTM(150)02 in PTD~PP loop	<i>CCYYMMDD</i>	<i>No Change</i>	<i>If DTM(150)01 segment exists in PTD~PP loop</i>	<i>No Change</i>		
DTM(150)03 in PTD~PP loop	<i>HHMM</i>	<i>No Change</i>	<i>If DTM(150)01 segment exists in PTD~PP loop</i>	<i>No Change</i>		
DTM(151)01 in	<i>'151'</i>	<i>No Change</i>	<i>If PTD~PP loop</i>	<i>No Change</i>		

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
PTD~PP loop			<i>exists</i>			
DTM(151)02 in PTD~PP loop	<i>CCYYMMDD</i>	<i>No Change</i>	<i>If DTM(151)01 segment exists in PTD~PP loop</i>	<i>No Change</i>		
DTM(151)03 in PTD~PP loop	<i>HHMM</i>	<i>No Change</i>	<i>If DTM(151)01 segment exists in PTD~PP loop</i>	<i>No Change</i>		
REF(JH)01 in PTD~PP loop	<i>'JH'</i>	<i>No Change</i>	<i>If PTD~PP loop exists</i>	<i>No Change</i>		
REF(JH)02 in PTD~PP loop	<i>'A' or 'S'</i>	<i>No Change</i>	<i>If REF(JH)01 segment exists in PTD~PP loop</i>	<i>No Change</i>		
REF(MT)01 in PTD~PP loop	<i>'MT'</i>	<i>No Change</i>	<i>If PTD~PP loop exists</i>	<i>No Change</i>		
REF(MT)02 in PTD~PP loop	<i>See TXSET Spec for allowed values</i>	<i>No Change</i>	<i>If REF(MT)01 segment exists in PTD~PP loop</i>	<i>No Change</i>		
QTY(PP)01 in PTD~PP loop	<i>'KA' or 'QD'</i>	<i>No Change</i>	<i>If PTD~PP loop exists</i>	<i>No Change</i>		
QTY(PP)02 in PTD~PP loop	<i>Not null</i>	<i>No Change</i>				
DTM(194)01 in PTD~PP loop	<i>'194'</i>	<i>No Change</i>	<i>If PTD~PP loop exists</i>	<i>No Change</i>		
DTM(194)021 in PTD~PP loop	<i>Not null</i>	<i>No Change</i>				
DTM(194)03 in PTD~PP loop	<i>Not null</i>	<i>No Change</i>				

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
PTD(PM)01	'PM'	No Change		Optional (a PTD~ loop is mandatory; see appropriate meter measurement type / reporting level)... PTD~PM loop for Interval Detail <i>PTD~BO must exist</i> <i>PTD~PP must exist</i> <i>LCIS understands these rules for the appropriate PTD loop values/combinations and will be handled by LCIS.</i>		
PTD(PM)04	'MG'	No Change	If PTD~PM loop exists	No Change		
PTD(PM)05		<i>alphanumeric only – uppercase A thru Z, 0 thru 9</i>	If PTD~PM loop exists	No Change		
DTM(150)01 in PTD~PM loop	'150'	No Change	If PTD~ PM loop exists... required, unless an Exchange Date (DTM~514) is substituted for this code	No Change		
DTM(150)02 in	Not null	No Change				

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
PTD~PM loop						
DTM(151)01 in PTD~ PM loop	'151'	No Change	If PTD~ PM loop exists... required, unless an Exchange Date (DTM~514) is substituted for this code	No Change		
DTM(151)02 in PTD~ PM loop	Not null	No Change				
DTM(514)01 in PTD~ PM loop	'514'	No Change	If PTD~ PM loop exists... required when a meter is exchanged and the meter agent does not change.	No Change		
DTM(514)02 in PTD~ PM loop	Not null	No Change				
DTM(514)03 in PTD~PM loop	HHMM	No Change	If DTM(514)01 segment exists in PTD~PM loop	No Change		
REF(6W)01 in PTD~PM loop	'6W'	No Change	If PTD~PM loop exists	No Change		
REF(6W)02 in PTD~PM loop	Not null	No Change				
REF(MT)01 in PTD~PM loop	'MT'	No Change	If PTD~PM loop exists	No Change		
REF(MT)02 in PTD~PM loop	See TXSET Spec for allowed values	No Change	If REF(MT)01 segment exists in PTD~PM loop	No Change		

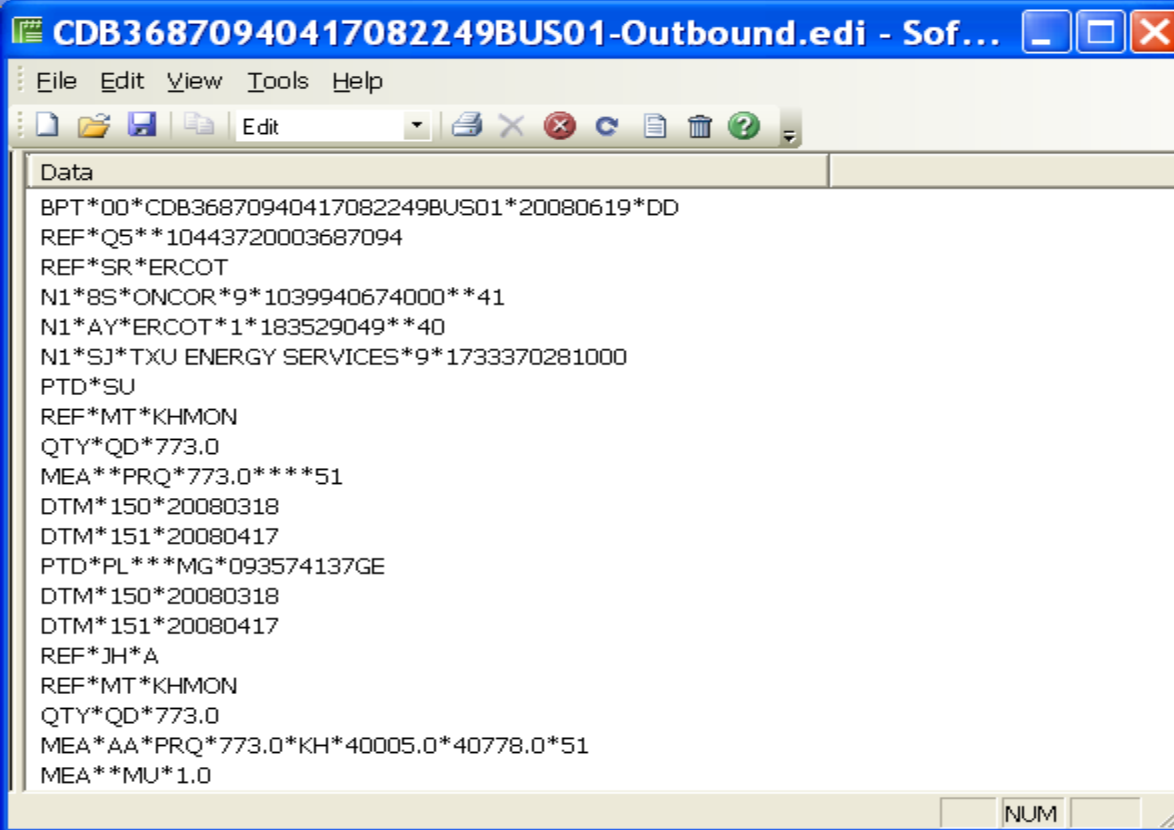
<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
REF(JH)01 in PTD~PM loop	'JH'	No Change	If PTD~ PM loop exists	No Change		
REF(JH)02 in PTD~ PM loop	'A', 'I' or 'S'	No Change	If REF(JH)01 segment exists in PTD~ PM loop	No Change		
QTY(PM)01 in PTD~PM loop	'KA' or 'QD'	No Change	If PTD~PM loop exists	No Change		
QTY(PM)01 in PTD~PM loop	Not null	No Change				
DTM(194)01 in PTD~PM loop	'194'	No Change	If PTD~PM loop exists	No Change		
DTM(194)02 in PTD~PM loop	Not null	No Change				
DTM(194)03 in PTD~PM loop	Not null	No Change				

## 867\_04: Initial Meter Read Notification

**Sequence Changes:** None

**ANSI Validations:** ANSI 4010 Standards followed

**EDI Sample (Test Case):**



```
Data
BPT*00*CDB36870940417082249BUS01*20080619*DD
REF*Q5**10443720003687094
REF*SR*ERCOT
N1*8S*ONCOR*9*1039940674000**41
N1*AY*ERCOT*1*183529049**40
N1*SJ*TXU ENERGY SERVICES*9*1733370281000
PTD*SU
REF*MT*KHMON
QTY*QD*773.0
MEA**PRQ*773.0***51
DTM*150*20080318
DTM*151*20080417
PTD*PL***MG*093574137GE
DTM*150*20080318
DTM*151*20080417
REF*JH*A
REF*MT*KHMON
QTY*QD*773.0
MEA*AA*PRQ*773.0*KH*40005.0*40778.0*51
MEA**MU*1.0
```

**TxSet Validation Changes:** Segments which include changes are highlighted in yellow and the changes are **notated in red font**. ANSI validations are **notated in gray font** or not shown if they are not needed for completeness.

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
BPT01	'SU'	No Change				
BPT02	Not Null	Not Null Alphanumeric only - Uppercase letters (A to Z) and digits (0 to 9)				
REF(Q5)01	'Q5'	No Change				
REF(Q5)03	notNull	notNull excluding asterisk *, pipes  , tabs, linefeeds, carets ^, angle brackets < >, and tildes ~	If REF(Q5)01 equals 'Q5'	No Change		
REF(TN)01	'TN'	No Change				
REF(TN)02		Alphanumeric only - Uppercase letters (A to Z) and digits (0 to 9)	If REF(TN)01 equals 'TN'	No Change		
N1(8S)01	'8S'	No Change				
N1(8S)02	notNull	No Change				
N1(8S)03	'9'	No Change				
N1(8S)04	stringLength equals 9	No Change	If N1(8S)03 equals '1'	No Change		

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
N1(8S)04	<i>stringLength equals 13</i>	<i>No Change</i>	<i>If N1(8S)03 equals '9'</i>	<i>No Change</i>		
N1(8S)06	<i>'41'</i>	<i>No Change</i>				
N1(AY)01	<i>'AY'</i>	<i>No Change</i>				
N1(AY)02	<i>notNull</i>	<i>No Change</i>				
N1(AY)03	<i>'1'</i>	<i>No Change</i>				
N1(AY)04	<i>stringLength equals 9</i>	<i>No Change</i>	<i>If N1(AY)03 equals '1'</i>	<i>No Change</i>		
N1(AY)06	<i>'40'</i>	<i>No Change</i>				
N1(SJ)01	<i>'SJ'</i>	<i>No Change</i>				
N1(SJ)02	<i>notNull</i>	<i>No Change</i>				
N1(SJ)03	<i>'1' or '9'</i>	<i>No Change</i>				
N1(SJ)04	<i>stringLength equals 9</i>	<i>No Change</i>	<i>If N1(SJ)03 equals '1'</i>	<i>No Change</i>		
N1(SJ)04	<i>stringLength equals 13</i>	<i>No Change</i>	<i>If N1(SJ)03 equals '9'</i>	<i>No Change</i>		
N1(SJ)06	<i>Not Used</i>	<i>No Change</i>				
PTD(BJ)01	<i>'BJ'</i>	<i>No Change</i>				
PTD(BJ)04		<i>'MG' or Null</i>				
PTD(BJ)05		<i>alphanumeric only – uppercase A thru Z, 0 thru 9</i>	<i>if PTD04 ='MG'</i>	<i>No Change</i>		
DTM(140)01 in PTD~BJ loop	<i>'140'</i>	<i>No Change</i>	<i>If PTD~BJ loop exists</i>	<i>No Change</i>		

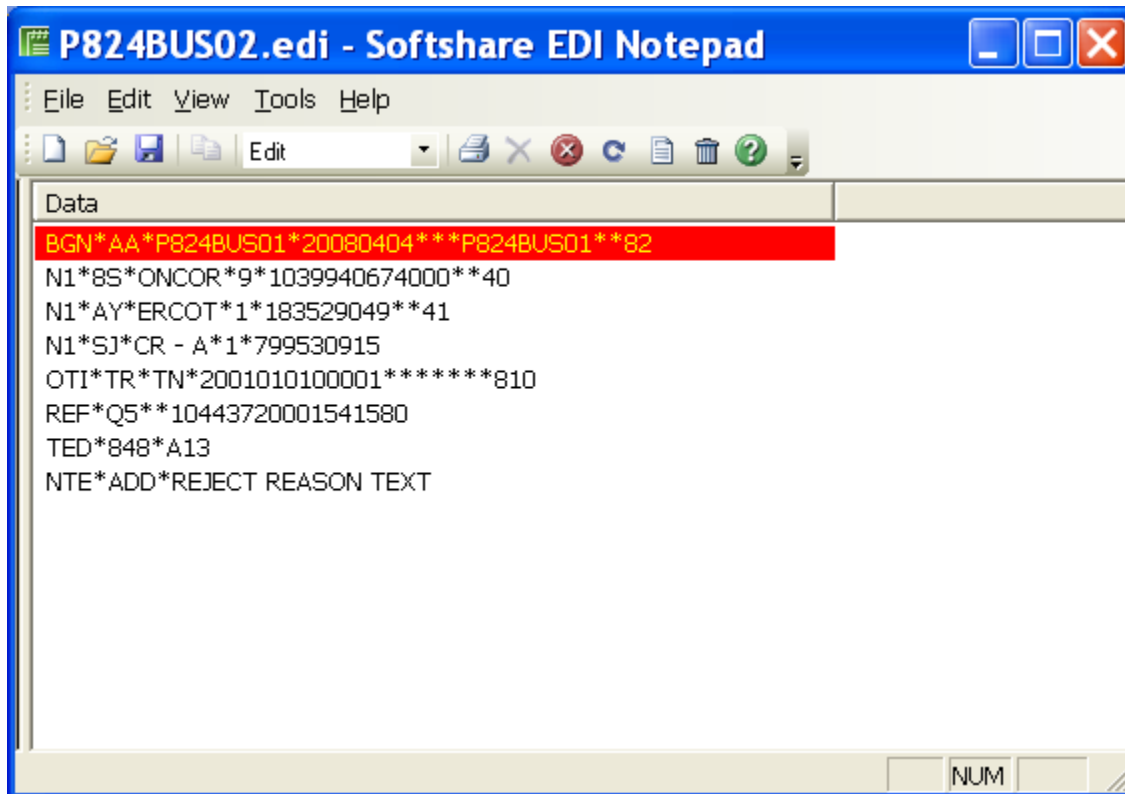
<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
QTY(BJ)01 in PTD~BJ loop	'KA' or 'QD'	No Change	if PTD04 = 'MG'	No Change		
QTY(BJ)02 in PTD~BJ loop	'NV'	No Change	If QTY(BJ)01 segment exists in PTD~BJ loop	No Change		
MEA(QTY)04. C00101 in PTD~BJ loop	'K3' or 'KH'	No Change	Required if metered service, otherwise not used	No Change		
MEA(QTY)06 in PTD~BJ loop	notNull	No Change	If MEA~ segment exists in PTD~BJ loop	No Change		
MEA(QTY)07 in PTD~BJ loop	'41', '42', '43', '51' or '71'	No Change	If MEA~ segment exists in PTD~BJ loop	No Change		

**824:** Application Advice

**Sequence Changes:** None

**ANSI Validations:** ANSI 4010 Standards followed

**EDI Sample (Test Case):**



```
P824BUS02.edi - Softshare EDI Notepad
File Edit View Tools Help
Data
BGN*AA*P824BUS01*20080404***P824BUS01**82
N1*8S*ONCOR*9*1039940674000**40
N1*AY*ERCOT*1*183529049**41
N1*SJ*CR - A*1*799530915
OTI*TR*TN*2001010100001*****810
REF*Q5**10443720001541580
TED*848*A13
NTE*ADD*REJECT REASON TEXT
NUM
```

**TxSet Validation Changes:** Segments which include changes are highlighted in yellow and the changes are **notated in red font**. ANSI validations are **notated in gray font** or not shown if they are not needed for completeness.

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
BGN01	'11'	No Change				
BGN02	Not Null	Not Null <i>Alphanumeric only - uppercase letters (A to Z) and digits (0 to 9)</i>				
BGN08	'82' or 'EV'	No Change				
N1(8S)01	'8S'	No Change		<i>Optional Required</i>		
N1(8S)02	notNull	No Change				
N1(8S)03	'1' or '9'	No Change				
N1(8S)04	<i>stringLength equals 9</i>	No Change	<i>If N1(8S)03 equals '1'</i>	No Change		
N1(8S)04	<i>stringLength equals 13</i>	No Change	<i>If N1(8S)03 equals '9'</i>	No Change		
N1(8S)06	'40'	No Change				
N1(AY)01	'AY'	No Change		<i>Optional</i>		
N1(AY)02	notNull	No Change	<i>If N1(AY)01 segments exists</i>	No Change		
N1(AY)03	'1'	No Change	<i>If N1(AY)01 segments exists</i>	No Change		
N1(AY)04	<i>stringLength</i>	No Change	<i>If N1(AY)03 equals</i>	No Change		

<b>EDI Field</b>	<b>Allowed Value(s) - existing</b>	<b>Allowed Value(s) - new</b>	<b>Pre-Condition (existing)</b>	<b>Pre-Condition (new)</b>	<b>Error String (existing)</b>	<b>Error String (new)</b>
	<i>equals 9</i>		'1'			
N1(A Y)06		'41'	<i>If N1(A Y)01 segments exists</i>	<i>No Change</i>		
N1(S J)01	'S J'	<i>No Change</i>	<i>Optional</i>	<i>No Change</i>		
N1(S J)02	<i>notNull</i>	<i>No Change</i>	<i>If N1(S J)01 exists</i>	<i>No Change</i>		
N1(S J)03	'1' or '9'	<i>No Change</i>	<i>If N1(S J)01 exists</i>	<i>No Change</i>		
N1(S J)04	<i>stringLength equals 9</i>	<i>No Change</i>	<i>If N1(S J)03 equals '1'</i>	<i>No Change</i>		
N1(S J)04	<i>stringLength equals 13</i>	<i>No Change</i>	<i>If N1(S J)03 equals '9'</i>	<i>No Change</i>		
N1(S J)06		'41' or 'O A'	<i>Optional</i>	<i>No Change</i>		
O T I 01	'T E'	<i>No Change</i>	<i>If B G N 08 equals 'E V'</i>	<i>No Change</i>		
O T I 01	'T R'	<i>No Change</i>	<i>If B G N 08 equals '8 2'</i>	<i>No Change</i>		
O T I 02	'T N'	<i>No Change</i>	<i>If O T I 01 segment exists</i>	<i>No Change</i>		
O T I 03	<i>notNull</i>	<i>No Change</i>	<i>If O T I 01 segment exists</i>	<i>No Change</i>	<i>ANSI 997 NACK</i>	
O T I 10	'8 1 0' or '8 6 7'	<i>No Change</i>	<i>If O T I 01 segment exists</i>	<i>No Change</i>		
R E F (Q 5) 01	'Q 5'	<i>No Change</i>				
R E F (Q 5) 03	<i>notNull</i>	<i>No Change</i>	<i>If R E F (Q 5) 01 equals 'Q 5'</i>	<i>No Change</i>	<i>ANSI 997 NACK</i>	
T E D (8 4 8) 01	'8 4 8'	<i>No Change</i>				
T E D (8 4 8) 02	<i>See T X S E T</i>	<i>No Change</i>	<i>If T E D (8 4 8) 01</i>	<i>No Change</i>		

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
	<i>Spec for allowed values. (IMI excluded)</i>		<i>equals '848'</i>			
NTE(ADD)01	'ADD'	<i>No Change</i>	<i>If TED(848)02 equals 'A13', 'API' or 'DIV'</i>	<i>No Change</i>		

## APPENDIX A.

### New Error Format:

#### *Descriptions*

Error messages will be in one of the following four formats.

#### **Invalid Data:**

“Error at” <TXSET Loop> + <TXSET Ref Des.> + <[TXSET Data Element]> + <TXSET Segment Qualifier> + “Invalid Data =” <data>

#### **Example:**

Error at LIN NM02[89] SJ Invalid data = #\$\$\$~.

#### **Data Length:**

“Error at” <TXSET Loop> + <TXSET Ref Des.> + <[TXSET Data Element]> + <TXSET Segment Qualifier> + “Invalid Data Length =” <number>

#### **Example:**

Error at LIN NM02[89] SJ “Invalid data length =” 18

#### **Data Type:**

“Error at” <TXSET Loop> + <TXSET Ref Des.> + <[TXSET Data Element]> + <TXSET Segment Qualifier> + “Invalid Data Type =” <datatype>

**Example:**

Error at LIN NM02[89] SJ “Invalid data type =” Alpha-Numeric

***IF Reject Code = API***

**Missing Data:**

“Error at” <TXSET Loop> + <TXSET Ref Des.> + <[TXSET Data Element]> + <TXSET Segment Qualifier> + “Data Missing from field”

**Example:**

Error at LIN NM02[89] SJ “Data missing from field”

**APPENDIX B.**

**Batching:**

All transactions of the same type (Registrations, RevenueManagement, or ServiceOrders), with the exception of 867 IDRs, that are being sent to the same Trading Partner (TP) will be batched together into a single Interchange and Group when the outbound EDI is created.

For example, all 650-02s and 650-04s being sent to ACN Energy will be batched together in one Interchange and all 810-02s going to ACN Energy will be batched in a separate Interchange. Similarly, all 814-04/09/13/25/27/28 being sent to ERCOT will be combined in a single EDI Interchange and 867-02/03/04 NonIDR will be batched in a separate EDI Interchange.

All 867 IDR transactions will be scheduled and sent out with the same interval as all other ERCOT-bound transactions, however each 867 IDR transaction will receive its own Interchange and will not be batched together.

As requested, a separate polling process has been setup that will allow the processing of 814-20 Updates to be manually started and stopped. When this polling process is turned on, the 814-20 Updates will be processed and batched together. When the polling process is stopped, 814-20 Updates will still be received from LCIS but they will not be published to BC or sent out to the market.

Note: Because 814-20 Updates are sent through this separate process, they will not be batched together with the 814-20 Additions, 814-20 Deletions, or other Registration transactions.

**APPENDIX C.**

**Control Numbers (ISA Control Number):**

The decision was made to find the Trading Partner with the highest control number and add 10,000. Apply that number as the new control number for all Trading Partners.