

Ameren/RES EDI Electric Test Scripts - Dual Billing

Script Number: 1
Test Conditions:
 E.002 (enrollment with historical usage period)
 M.001 (Monthly Bill Period Usage by RES)
 C.001 (Change by Utility)
 C.002 (Change by Utility)
 C.005 (Change by Utility)
 C.007 (Change by Utility)
 C.020 (Change by RES)
 C.021 (Change by RES)
 D.002 (Drop)
 R.001 (Reinstatement)
 Account Number: 5722814256 (Non-Mass Market Account)
 Ameren Rate Zone: III
 Bill Type: Dual Billing

Test Day	System Date	Party Responsible	Transaction Set	Description	Test Condition Satisfied	Expected Results	Actual Results
		RES	814E-Request	RES sends an on-cycle account-level enrollment to the Utility with the historical usage flag checked requesting dual billing for a Non-Mass market account.		814E-Request transaction is sent to the Utility.	
		Utility	814E-Response	Utility sends a response to the RES accepting the enrollment request for this account.		814E-Response transaction is sent to the RES.	
		Utility	867HU	Utility sends the historical usage data (summary data only) for this account to the RES.	E.002	867HU transaction is sent to the RES.	
		Utility	867MU	Utility sends the account's usage data for the first billing period on RES supply to the RES.	M.001	867MU transaction is sent to RES (interval data should be included in the transaction)	
		Utility	814C-Request	Utility sends a Bill Group change notification to the RES.		814C-Request transaction is sent to the RES.	
		RES	814C-Response	(Optional) RES sends a response to the Utility accepting the change in the Bill Group.	C.001	814C-Response transaction is sent to the Utility.	
		Utility	814C-Request	Utility sends a Billing Address change notification to the RES.		814C-Request transaction is sent to the RES.	
		RES	814C-Response	(Optional) RES sends a response to the Utility accepting the change to the Billing Address.	C.002	814C-Response transaction is sent to the Utility.	
		Utility	814C-Request	Utility sends a Customer Name change notification to the RES.		814C-Request transaction is sent to the RES.	
		RES	814C-Response	(Optional) RES sends a response to the Utility accepting the change to the Customer Name.	C.005	814C-Response transaction is sent to the Utility.	
		Utility	814C-Request	Utility sends a service point DS Rate change notification to the RES.		814C-Request transaction is sent to the RES (service point number whose DS Rate is changing should be noted in this transaction).	
		RES	814C-Response	(Optional) RES sends a response to the Utility accepting the change to the service point's DS Rate.	C.007	814C-Response transaction is sent to the Utility.	
		RES	814C-Request	RES sends an account-level CPNode change notification to the Utility (CPNode assignment is changing to AMILTEST2).		814C-Request transaction is sent to the Utility.	
		Utility	814C-Response	Utility sends a response to the RES accepting the change in the CPNode.	C.020	814C-Response transaction is sent to the RES.	
		RES	814C-Request	RES sends a RES Account Number change notification to the Utility.		814C-Request transaction is sent to the Utility.	
		Utility	814C-Response	(Optional) Utility sends a response to the RES accepting the change in the RES Account Number.	C.021	814C-Response transaction is sent to the RES.	
		RES	814D-Request	RES sends an on-cycle account-level drop request to the Utility for this account.		814D-Request transaction is sent to the Utility.	
		Utility	814D-Response	Utility sends a response to the RES accepting the drop request for this account.	D.002	814D-Response transaction is sent to the RES.	
		Utility	814R-Request	Utility sends an account-level reinstatement request to the RES for this account.		814R-Request transaction is sent to the RES.	
		RES	814R-Response	RES sends a response to the Utility accepting the reinstatement request for this account.	R.001	814R-Response transaction is sent to the Utility.	

Ameren/RES EDI Electric Test Scripts - Dual Billing

Script Number: Z
Test Conditions: E.007 (Enrollment)
M.002 (Monthly Bill Period Usage by RES)
M.003 (Monthly Bill Period Usage and Cancel/Rebill)
C.009 (Change by Utility)
C.010 (Change by Utility)
C.011 (Change by Utility)
C.012 (Change by Utility)
C.013 (Change by Utility)
C.016 (Change by Utility)
C.017 (Change by Utility)
HU.001 (Historical Usage Request)
D.001 (Drop)
D.003 (Drop Rescission)
Account Number: 0017101007 (Mass Market Account)
Ameren Rate Zone: III
Bill Type: Dual Billing

Test Day	Ameren System Date	Party Responsible	Transaction Set	Description	Test Condition Satisfied	Expected Results	Actual Results
		RES	814E-Request	RES sends an on-cycle account-level enrollment to the Utility requesting dual billing for a Mass Market account.		814E-Request transaction is sent to the Utility.	
		Utility	814E-Response	Utility sends a response to the RES accepting the enrollment request for this account.	E.007	814E-Response transaction is sent to the RES.	
		Utility	867MU	Utility sends the account's usage data for the first billing period on RES supply to the RES.	M.002	867MU transaction is sent to RES (there should be no interval data contained in this transaction).	
		Utility	867MU (cancel)	Utility cancels the first billing period's consumption.		867MU (cancel) transaction is sent to the RES.	
		Utility	867MU	Utility sends adjusted consumption for the first billing period to the RES.	M.003	867MU (rebilled) transactions for the first billing period is sent to the RES.	
		Utility	814C-Request	Utility sends a Meter Addition notification to the RES.		814C-Request transaction is sent to the RES (service point number that the meter is associated with should be noted in this transaction).	
		RES	814C-Response	(Optional) RES sends a response to the Utility accepting the Meter Addition.	C.009	814C-Response transaction is sent to the Utility.	
		Utility	814C-Request	Utility sends a Meter Constant change notification to the RES.		814C-Request transaction is sent to the RES (service point number that the meter is associated with should be noted in this transaction).	
		RES	814C-Response	(Optional) RES sends a response to the Utility accepting the Meter Constant change.	C.010	814C-Response transaction is sent to the Utility.	
		Utility	814C-Request	Utility sends a Meter Exchange notification to the RES.		814C-Request transaction is sent to the RES (service point number that the meter is associated with should be noted in this transaction).	
		RES	814C-Response	(Optional) RES sends a response to the Utility accepting the Meter Exchange.	C.011	814C-Response transaction is sent to the Utility.	
		Utility	814C-Request	Utility sends a Meter Removal notification to the RES.		814C-Request transaction is sent to the RES (service point number that the meter is associated with should be noted in this transaction).	
		RES	814C-Response	(Optional) RES sends a response to the Utility accepting the Meter Removal.	C.012	814C-Response transaction is sent to the Utility.	
		Utility	814C-Request	Utility sends a Meter Role change notification to the RES.		814C-Request transaction is sent to the RES (service point number that the meter is associated with should be noted in this transaction).	
		RES	814C-Response	(Optional) RES sends a response to the Utility accepting the Meter Role change.	C.013	814C-Response transaction is sent to the Utility.	
		Utility	814C-Request	Utility sends a Service Point Addition change notification to the RES.		814C-Request transaction is sent to the RES (service point number that is being added should be noted in this transaction).	
		RES	814C-Response	(Optional) RES sends a response to the Utility accepting addition of the service point.	C.016	814C-Response transaction is sent to the Utility.	
		Utility	814C-Request	Utility sends a Service Point Removal change notification to the RES.		814C-Request transaction is sent to the RES (service point number that is being removed should be noted in this transaction).	
		RES	814C-Response	(Optional) RES sends a response to the Utility accepting removal of the service point.	C.017	814C-Response transaction is sent to the Utility.	
		RES	814HU-Request	RES sends a historical usage request for this account. This transaction should request interval and summary data (i.e. "I;N;H").		814HU-Request transaction is sent to the Utility.	
		Utility	814HU-Response	Utility sends a response to the RES accepting the historical usage request for this account.		814HU-Response transaction is sent to the RES.	
		Utility	867HU	Utility sends the historical usage data (both interval data and summary data) for this account to the RES.	HU.001	867HU transaction is sent to the RES.	
		RES	814D-Request	RES sends an on-cycle account-level drop request to the Utility for this account.		814D-Request transaction is sent to the Utility.	
		Utility	814D-Response	Utility sends a response to the RES accepting the drop request for this account.	D.001	814D-Response transaction is sent to the RES.	
		RES	814D-Request	RES sends an account-level drop rescission request to the Utility for this account.		814D-Request transaction is sent to the Utility.	
		Utility	814D-Response	Utility sends a response accepting the drop rescission request for this account.	D.003	814D-Response transaction is sent to the RES.	

Ameren/RES EDI Electric Test Scripts - Dual Billing

Script Number: 3
Test Conditions: E.009 (Failed Enrollment)
 E.012 (Enrollment)
 M.002 (Monthly Bill Period Usage by RES)
 M.003 (Monthly Bill Period Usage and Cancel/Rebill)
 C.004 (Change by Utility)
 C.006 (Change by Utility)
 C.014 (Change by Utility)
 C.008 (Change by Utility)
 C.015 (Change by Utility)
 C.019 (Change by RES)
 C.003 (Change by Utility)
 D.005 (Drop)
 D.006 (Drop Rescission)
 Account Number: 5941510740 (Non-Mass Market Account)
 Service Point Number: 43505476
 Ameren Rate Zone III
 Bill Type: Dual Billing

Test Day	Ameren System Date	Party Responsible	Transaction Set	Description	Test Condition Satisfied	Expected Results	Actual Results
		RES	814E-Request	RES sends an off-cycle service point-level enrollment to the Utility requesting Dual Billing for one service point on a Non-Mass Market account (use a requested effective date of 08/31/2009 - which is greater than 45 days from the current rate).		814E-Request transaction is sent to the Utility.	
		Utility	814E-Response	Utility sends a response to the RES rejecting the enrollment request for this service point.	E.009	814E transaction is sent to the RES with reject reason code "DIV".	
		RES	814E-Request	RES sends an on-cycle service point-level enrollment to the Utility requesting dual billing for one service point on a Non-Mass Market account.		814E-Request transaction is sent to the Utility.	
		Utility	814E-Response	Utility sends a response to the RES accepting the enrollment request for this service point.	E.012	814E-Response transaction is sent to the RES.	
		Utility	867MU	Utility sends the service point's usage data for the first billing period on RES supply to the RES.	M.002	867MU transaction is sent to RES (interval meter data should be included in the transaction).	
		Utility	867MU (cancel)	Utility cancels the first billing period's consumption.		867MU (cancel) transaction is sent to the RES.	
		Utility	867MU	Utility sends new consumption for the first billing period to the RES.	M.003	867MU (rebill) transactions for the first billing period is sent to the RES.	
		Utility	814C-Request	Utility sends a Customer Premise Address change notification to the RES.		814C-Request transaction is sent to the RES.	
		RES	814C-Response	(Optional) RES sends a response to the Utility accepting the change to the Customer Premise Address.	C.004	814C-Response transaction is sent to the Utility.	
		Utility	814C-Request	Utility sends a Customer Phone Number change notification to the RES.		814C-Request transaction is sent to the RES.	
		RES	814C-Response	(Optional) RES sends a response to the Utility accepting the change to the Customer Phone Number.	C.006	814C-Response transaction is sent to the Utility.	
		Utility	814C-Request	Utility sends a Meter Special Configuration change notification to the RES.		814C-Request transaction is sent to the RES (service point number that the meter is associated with should be noted in this transaction).	
		RES	814C-Response	(Optional) RES sends a response to the Utility accepting the Meter Special Configuration change.	C.014	814C-Request transaction is sent to the Utility.	
		Utility	814C-Request	Utility sends a service point Load Profile Classification change notification to the RES.		814C-Request transaction is sent to the RES (service point number whose Load Profile Classification is changing should be noted in this transaction).	
		RES	814C-Response	(Optional) RES sends a response to the Utility accepting the change to the service point's Load Profile Classification.	C.008	814C-Response transaction is sent to the Utility.	
		Utility	814C-Request	Utility sends a service point Peak Load Contribution (PLC) change notification to the RES.		814C-Request transaction is sent to the RES (service point number whose Peak Load Contribution (PLC) is changing should be noted in this transaction).	
		RES	814C-Response	(Optional) RES sends a response to the Utility accepting the change to the service point's Peak Load Contribution (PLC).	C.015	814C-Response transaction is sent to the Utility.	
		RES	814C-Request	RES sends a Billing Option change notification to the Utility (service point's Billing Option is changing from Dual Billing to SBO).		814C-Request transaction is sent to the Utility.	
		Utility	814C-Response	Utility sends a response to the RES accepting the change in the Billing Option.	C.019	814C-Response transaction is sent to the RES.	
		Utility	814C-Request	Utility sends a Billing Option change notification to the RES (the service point's Billing Option is changing from SBO to Dual Billing).		814C-Request transaction is sent to the RES.	
		RES	814C-Response	(Optional) RES sends a response to the Utility accepting the change in the Billing Option.	C.003	814C-Response transaction is sent to the Utility.	
		RES	814D-Request	RES sends an off-cycle service point-level drop request to the Utility for the one RES-supplied service point on this account.		814D-Request transaction is sent to the Utility.	
		Utility	814D-Response	Utility sends a response to the RES accepting the drop request for this service point.	D.005	814D-Response transaction is sent to the RES.	
		RES	814D-Request	RES sends a service point-level drop rescission request to the Utility for this service point.		814D-Request transaction is sent to the Utility.	
		Utility	814D-Response	Utility sends a response to the RES accepting the drop rescission request for this service point.	D.006	814D-Response transaction is sent to the RES.	

Ameren/RES EDI Electric Test Scripts - Dual Billing

Script Number: 4
Test Conditions: E.003 (Failed Enrollment)
Account Number: 1234567890
Ameren Rate Zone: N/A
Bill Type: Dual Billing

Test Day	Ameren System Date	Party Responsible	Transaction Set	Description	Test Condition Satisfied	Expected Results	Actual Results
		RES	814E-Request	RES sends an on-cycle account-level enrollment to the Utility requesting Dual Billing for a Mass Market account that does not exist in the Utility's Database.		814E-Request transaction is sent to the Utility.	
		Utility	814E-Response	Utility sends a response to the RES rejecting the enrollment request for this account.	E.003	814E-Response transaction is sent to the RES with reject reason code "A76" (Account Not Found).	

Ameren/RES EDI Electric Test Scripts - Dual Billing

Script Number: 5
Test Conditions: E.005 (Enrollment)
D.004 (Enrollment Rescission)
 Account Number: 6277461462 (Non-Mass Market Account)
 Ameren Rate Zone: 1
 Bill Type: Dual Billing

Test Day	Ameren System Date	Party Responsible	Transaction Set	Description	Test Condition Satisfied	Expected Results	Actual Results
		RES	814E-Request	RES sends an on-cycle account-level enrollment to the Utility requesting Dual Billing for a non-Mass Market account (requested effective date is sent/included in the 814e transaction that is less than 7 days from the current date).		814E-Request transaction is sent to the Utility.	
		Utility	814E-Response	Utility sends a response to the RES accepting the enrollment request for this account.	E.005	814E-Response transaction is sent to the RES with an enrollment effective date equal to the next scheduled meter reading date that is at least seven calendar days from the date that the enrollment request is processed by the Utility.	
		RES	814D-Request	RES sends an account-level enrollment rescission request to the Utility for this account.		814D-Request transaction is sent to the Utility.	
		Utility	814D-Response	Utility sends a response to the RES accepting the enrollment rescission request for this account.	D.004	814D-Response transaction is sent to the RES.	

Ameren/RES EDI Electric Test Scripts - Dual Billing

Script Number: 6
Test Conditions: D.007 (Enrollment Rescission)
 Account Number: 8520005723 (Non-Mass Market Account)
 Service Point Number: 61720069
 Ameren Rate Zone: III
 Bill Type: Dual Billing

Test Day	Ameren System Date	Party Responsible	Transaction Set	Description	Test Condition Satisfied	Expected Results	Actual Results
		RES	814E-Request	RES sends an off-cycle service point-level enrollment to the Utility requesting dual billing for one service point on a Non-Mass Market account (use a requested effective date of 07/16/2009).		814E-Request transaction is sent to the Utility.	
		Utility	814E-Response	Utility sends a response to the RES accepting the enrollment request for this service point.		814E-Response transaction is sent to the RES.	
		RES	814D-Request	RES sends a service point-level enrollment rescission request to the Utility for this service point.		814D-Request transaction is sent to the Utility.	
		Utility	814D-Response	Utility sends a response to the RES accepting the enrollment rescission of this service point.	D.007	814D-Response transaction is sent to the RES.	

Ameren/RES EDI Electric Test Scripts - Supplier Consolidated Billing (a.k.a. Single Bill Option or "SBO")

Script Number: 7
Test Conditions: E.006 (Enrollment)
P.001 (SBO Invoice and Payment)
 Account Number: 1195588495 (Mass Market Account with multiple electric service points)
 Ameren Rate Zone:
 Bill Type: Supplier Consolidated Billing (a.k.a. Single Bill Option or "SBO")

Test Day	Ameren System Date	Party Responsible	Transaction Set	Description	Test Condition Satisfied	Expected Results	Actual Results
		RES	814E-Request	RES sends an on-cycle account-level enrollment to the Utility requesting SBO for a Mass Market account with multiple electric service points.		814E-Request transaction is sent to the Utility.	
		Utility	814E-Response	Utility sends a response to the RES accepting the enrollment request for this account.	E.006	814E-Response transaction is sent to the RES.	
		Utility	810 SBO Invoice	Utility sends the account's invoice for the first billing period on RES supply to the RES.		810 SBO Invoice transaction is sent to RES.	
		Utility	867MU	Utility sends the account's usage data for the first billing period on RES supply to the RES.		867MU transaction is sent to the RES.	
		RES	820 Remittance	RES sends remittance for the first billing period to the Utility (RES's bank).	P.001	820 Remittance transaction is sent to the Utility.	

Ameren/RES EDI Electric Test Scripts - Supplier Consolidated Billing (a.k.a. Single Bill Option or "SBO")

Script Number: 8
Test Conditions: E.011 (Enrollment)
 I.001 (SBO Invoice and Cancel/Rebill)
 P.001 (SBO Invoice and Payment)
 Account Number: 1417919377 (Non-Mass Market Account)
 Service Point Number: 41016175
 Ameren Rate Zone:
 Bill Type: Supplier Consolidated Billing (a.k.a. Single Bill Option or "SBO")

Test Day	Ameren System Date	Party Responsible	Transaction Set	Description	Test Condition Satisfied	Expected Results	Actual Results
		RES	814E-Request	RES sends an on-cycle service point-level enrollment to the Utility requesting SBO for one service point on a Non-Mass Market account.		814E-Request transaction is sent to the Utility.	
		Utility	814E-Response	Utility sends a response to the RES accepting the enrollment request for this service point.	E.011	814E-Request Response transaction is sent to the RES.	
		Utility	810 SBO Invoice	Utility sends the service point's invoice for the first billing period on RES supply to the RES.		810 SBO Invoice transaction is sent to RES.	
		Utility	867MU	Utility sends the service point's usage data for the first billing period on RES supply to the RES.		867MU transaction is sent to the RES.	
		Utility	867MU (cancel)	Utility cancels the first billing period's consumption.		867MU (cancel) transaction is sent to the RES.	
		Utility	867MU (rebill)	Utility sends new consumption for the first billing period to the RES.		867MU (rebill) transaction for the first billing period is sent to the RES.	
		Utility	810 SBO Invoice	Utility sends new invoice for the first billing period to the RES.	I.001	810 SBO Invoice (rebill) transaction for the first billing period is sent to the RES.	
		RES	820 Remittance	RES sends remittance for the first billing period to the Utility (RES's bank).	P.001	820 Remittance transaction is sent to the Utility.	

Ameren/RES EDI Electric Test Scripts - Supplier Consolidated Billing (a.k.a. Single Bill Option or "SBO")

Script Number: 9
Test Conditions: E.011 (Enrollment)
 I.001 (SBO Invoice and Cancel/Rebill)
 P.001 (SBO Invoice and Payment)
 Account Number: 0584272983 (Non-Mass Market Account)
 Service Point Number: 20294871
 Ameren Rate Zone:
 Bill Type: Supplier Consolidated Billing (a.k.a. Single Bill Option or "SBO")

Test Day	Ameren System Date	Party Responsible	Transaction Set	Description	Test Condition Satisfied	Expected Results	Actual Results
		RES	814E-Request	RES sends an on-cycle account-level enrollment to the Utility requesting SBO for a Non-Mass Market account.		814E-Request transaction is sent to the Utility.	
		Utility	814E-Response	Utility sends a response to the RES accepting the enrollment request for the account.	E.011	814E-Request Response transaction is sent to the RES.	
		Utility	810 SBO Invoice	Utility sends the service point's invoice for the first billing period on RES supply to the RES.		810 SBO Invoice transaction is sent to RES.	
		Utility	867MU	Utility sends the service point's usage data for the first billing period on RES supply to the RES.		867MU transaction is sent to the RES.	
		Utility	867MLI (cancel)	Utility cancels the first billing period's consumption.		867MU (cancel) transaction is sent to the RES.	
		Utility	867MU (rebill)	Utility sends new consumption for the first billing period to the RES.		867MU (rebill) transaction for the first billing period is sent to the RES.	
		Utility	810 SBO Invoice	Utility sends new invoice for the first billing period to the RES.	I.001	810 Sbo Invoice (rebill) transaction for the first billing period is sent to the RES.	
		RES	820 Remittance	RES sends remittance for the first billing period to the Utility (RES's bank).	P.001	820 Remittance transaction is sent to the Utility.	

Ameren/RES EDI Electric Test Scripts - Bill Ready UCB/POR

Script Number: 10
Test Conditions: E.001 (Enrollment)
A.002 (Application Advice)
I.002 (Bill Ready UCB/POR Invoice and Cancel/Rebill)
P.002 (Bill Ready UCB/POR Invoice and Payment)
 Account Number: 6346453379 (Mass Market Account)

Bill Type: Bill Ready UCB/POR							
Test Day	System Date	Party Responsible	Transaction Set	Description	Test Condition Satisfied	Expected Results	Actual Results
		RES	814E-Request	RES sends an on-cycle account-level enrollment to the Utility requesting Bill Ready UCB/POR for a Mass Market account.		814E-Request transaction is sent to the Utility.	
		Utility	814E-Response	Utility sends a response to the RES accepting the enrollment for this account.	E.001	814E-Response transaction is sent to the RES.	
		Utility	867MU	Utility sends the account's usage data for the first billing period on RES supply to the RES.		867MU transaction is sent to the RES.	
		Utility	824 Application Advice	Utility sends notification to RES that no RES invoice was received within the self period.	A.002	824 Application Advice transaction is sent to the RES.	
		RES	810 Bill Ready	RES sends invoice for the first billing period to the Utility.		810 Bill Ready transaction is sent to the Utility.	
		Utility	867MU (cancel)	Utility cancels the first billing period's consumption.		867MU (cancel) transaction is sent to the RES.	
		Utility	867MU (rebill)	Utility sends new consumption for the first billing period to the RES.		867MU (rebill) transaction for the first billing period is sent to the RES.	
		RES	810 Bill Ready (rebill)	RES sends a new invoice for the first billing period to the Utility.	I.002	810 Bill Ready (rebill) transaction for the first billing period is sent to the Utility.	
		Utility	824 Application Advice	Utility sends confirmation to the RES that the first billing period has been billed.		824 Application Advice transaction is sent to the RES.	
		Utility	820 Remittance	Utility sends remittance for the first billing period to the RES (Utility's bank).	P.002	820 Remittance transaction is sent to the RES.	

Ameren/RES EDI Electric Test Scripts - Bill Ready UCB/POR

Script Number: 11
 Test Conditions: E.008 (Enrollment)
 P.003 (Bill Ready UCB/POR Invoice,
 Account Number: 0720005815 (Non-Mass Market Account)
 Service Point Number: 51030060
 Bill Type: Bill Ready UCB/POR

Test Day	Ameren System Date	Party Responsible	Transaction Set	Description	Test Condition Satisfied	Expected Results	Actual Results
		RES	814E-Request	RES sends an off-cycle service point-level enrollment to the Utility requesting Bill Ready UCB/POR for one service point on a Non-Mass Market account (use a requested effective date of xx/vv/2009).		814E-Request transaction is sent to the Utility.	
		Utility	814E-Response	Utility sends a response to the RES accepting the enrollment request for this service point.	E.008	814E-Response transaction is sent to the RES. Enrollment effective date returned in the 814e transaction should match the date requested in the 814e transaction (05/12/2009).	
		Utility	867MU	Utility sends the account's usage data for the first billing period on RES usage to the RES.		867MU transaction is sent to the RES.	
		RES	810 Bill Ready	RES sends invoice for the first billing period to the Utility.		810 Bill Ready transaction is sent to the Utility.	
		Utility	824 Application Advice	Utility sends confirmation to the RES that the first billing period has been billed.		824 Application Advice transaction is sent to the RES.	
		Utility	820 Remittance	Utility sends remittance for the first billing period to the RES (Utility's bank).		820 Remittance transaction is sent to the RES.	
		Utility	867MU (cancel)	Utility cancels the first billing period's consumption.		867MU (cancel) transaction is sent to the RES.	
		Utility	867MU (rebill)	Utility sends new consumption for the first billing period to the RES. The service point's usage is adjusted.		867MU (rebill) transaction for the first billing period is sent to the RES.	
		RES	810 Bill Ready (rebill)	RES sends a new invoice (for a smaller amount of dollars than the original invoice) for the first billing period to the Utility.		810 Bill Ready (rebill) transaction for the first billing period is sent to the Utility.	
		Utility	824 Application Advice	Utility sends confirmation to the RES that the first billing period has been billed.		824 Application Advice transaction is sent to the RES.	
		Utility	820 Remittance	Utility sends remittance for the first billing period to the RES (Utility's bank).	P.003	820 Remittance transaction is sent to the RES. The dollar amount for this account within the 820 transaction should be negative, although the net of the 820 must be positive.	

Ameren/RES EDI Electric Test Scripts - Bill Ready UCB/POR

Script Number: 12
 Test Conditions: E.001 (Enrollment)
 A.001 (Application Advice)
 Account Number: 0166205124 (Mass Market Account)

Bill Type: Bill Ready UCB/POR

Test Day	Ameren System Date	Party Responsible	Transaction Set	Description	Test Condition Satisfied	Expected Results	Actual Results
		RES	814E-Request	RES sends an on-cycle account-level enrollment to the Utility requesting Bill Ready UCB/POR for a Mass Market account.		814E-Request transaction is sent to the Utility.	
		Utility	814E-Response	Utility sends a response to the RES accepting the enrollment for this account.	E.001	814E-Response transaction is sent to the RES.	
		Utility	867MU	Utility sends the account's usage data for the first billing period on RES supply to the RES.		867MU transaction is sent to the RES.	
		RES	810 Bill Ready	RES sends invoice for the first billing period to the Utility.		810 Bill Ready transaction is sent to the Utility.	
		Utility	824 Application Advice	Utility rejects invoice.	A.001	824 Application Advice transaction is sent to the RES.	

Ameren/RES EDI Electric Test Scripts - Bill Ready UCB/POR

Script Number: 13
 Test Conditions: E.001 (Enrollment)
 A.003 (Application Advice)
 Account Number: 0265229937 (Mass Market Account)
 Bill Type: Bill Ready UCB/POR

Test Day	Ameren System Date	Party Responsible	Transaction Set	Description	Test Condition Satisfied	Expected Results	Actual Results
		RES	814E-Request	RES sends an on-cycle account-level enrollment to the Utility requesting Bill Ready UCB/POR for a Mass Market account.		814E-Request transaction is sent to the Utility.	
		Utility	814E-Response	Utility sends a response to the RES accepting the enrollment request for this account.	E.001	814E-Response transaction is sent to the RES.	
		Utility	867MU	Utility sends the account's usage data for the first billing period on RES supply to the RES.		867MU transaction is sent to the RES.	
		RES	810 Bill Ready	RES sends invoice for the first billing period to the Utility.		810 Bill Ready transaction is sent to the Utility.	
		Utility	824 Application Advice	Utility sends confirmation to the RES that the first billing period has been billed.		824 Application Advice transaction is sent to the RES.	
		Utility	820 Remittance	Utility sends remittance for the first billing period to the RES (Utility's bank) (invalid account number is sent).		820 Remittance transaction is sent to the RES.	
		RES	824 Application Advice	RES rejects remittance due to invalid account number.	A.003	824 Application Advice transaction is sent to the Utility.	

Ameren/RES EDI Electric Test Scripts - Bill Ready UCB/POR

Script Number: 14
Test Conditions: E.001 (Enrollment)
 Account Number: 2943002716 (Mass Market Account)

Bill Type: Bill Ready UCB/POR

Test Day	Ameren System Date	Party Responsible	Transaction Set	Description	Test Condition Satisfied	Expected Results	Actual Results
		RES	814E-Request	RES sends an on-cycle account-level enrollment to the Utility requesting Bill Ready UCB/POR of a Mass Market account.		814E-Request transaction is sent to the Utility.	
		Utility	814E-Response	Utility sends a response to the RES accepting the enrollment request for this account.	E.001	814E-Request Response transaction is sent to the RES.	

Ameren/RES EDI Electric Test Scripts - Rate Ready UCB/POR

Script Number: 15
 Test Conditions: E.004 (Enrollment)
 I.003 (Rate Ready UCB/POR Invoice and
 P.004 (Rate Ready UCB/POR Invoice and
 C.018 (Change by RES)
 Account Number: 5766203145 (Mass Market account)

Bill Type: Rate Ready UCB/POR

Test Day	Ameren System Date	Party Responsible	Transaction Set	Description	Test Condition Satisfied	Expected Results	Actual Results
		RES	814E-Request	RES sends an on-cycle account-level enrollment to the Utility requesting Rate Ready UCB/POR for a Mass Market account (Rate Code = TR1-037).		814E-Request transaction is sent to the Utility.	
		Utility	814E-Response	Utility sends a response to the RES accepting the enrollment request for this account.	E.004	814E-Response transaction is sent to the RES.	
		Utility	810 Rate Ready	Utility sends "informational" 810 for the first billing period to the RES.		"Informational" 810 Rate Ready transaction is sent to the RES.	
		Utility	810 Rate Ready (cancel)	Utility cancels the first billing period's invoice.		810 Rate Ready (cancel) transaction is sent to the RES.	
		Utility	810 Rate Ready (rebill)	Utility cancel/rebills the account and sends a new "informational" 810 for the first billing period to the RES.	I.003	"Informational" 810 Rate Ready (rebill) transaction for the first billing period is sent to the RES.	
		Utility	820 Remittance	Utility sends remittance for the first billing period to the RES.	P.004	820 Remittance transaction is sent to the RES. The dollar amount for this account within the 820 transaction should be negative, although the net of the 820 must be positive.	
		RES	814C-Request	RES sends a Rate Code change notification to the Utility (Rate Code = TR2-037).		814C-Request transaction is sent to the Utility.	
		Utility	814C-Response	Utility sends a response to the RES accepting the change to the account's Rate Code.	C.018	814C-Response transaction is sent to the RES.	

Ameren/RES EDI Electric Test Scripts - Rate Ready UCB/POR

Script Number: 16
 Test Conditions: E.010 (Enrollment)
 Account Number: 3282357140 (Non-Mass Market Account)
 Service Point Number: 42034765

Bill Type: Rate Ready UCB/POR

Test Day	Ameren System Date	Party Responsible	Transaction Set	Description	Test Condition Satisfied	Expected Results	Actual Results
		RES	814E-Request	RES sends an on-cycle account-level enrollment to the Utility requesting Rate Ready UCB/POR for one service point on a Non-Mass Market account (Rate Code = TR2-037).		814E-Request transaction is sent to the Utility.	
		Utility	814E-Response	Utility sends a response to the RES accepting the enrollment request for the account.	E.010	814E-Response transaction is sent to the RES.	

Ameren/RES EDI Electric Test Scripts - AMI & DR

Script Number: 17 Test Conditions: HU.002 (Historical Usage) E.014 (Enrollment) DU.001 (Daily Usage) M.001 (Monthly Usage) C.022 (Change by RES) C.023 (Change by Utility) C.024 (Change by RES) C.025 (Change by Utility) E.015 (Enrollment) Account Number: 0489542572 Bill Type: Bill Ready UCB/POR							
Test Day	Ameren System Date	Party Responsible	Transaction Set	Description	Test Condition Satisfied	Expected Results	Actual Results
		RES	814HU-Request	RES sends an historical usage request transaction to the Utility for account number 0489542572 . The LIN05 segment should be set to "H".		814HU-Request transaction is sent to the Utility.	
		Utility	867HU	Utility sends an historical usage transaction to the RES.	HU.002	Utility sends an 867HU transaction to the RES. Historical AMI interval reads should be included in the transaction. In addition, the REF*KX segment should be set to "AMI".	
		RES	814E-Request	RES sends an on-cycle account-level enrollment transaction to the Utility for account number 0489542572 containing the following: 1. the REF*BLT segment is set to "LDC" (for Bill Ready UCB/POR); 2. the REF*17 (AMI Data Preference Identifier) segment is set to "DAILY"; and 3. the REF*DR (Demand Response Indicator) is set to "S" (which stands for Retail Electric Supplier).		814E-Request transaction is sent to the Utility. 1. the REF*BLT segment is set to "LDC" (for Bill Ready UCB/POR); 2. the REF*17 (AMI Data Preference Identifier) segment is set to "DAILY"; and 3. the REF*DR (Demand Response Indicator) is set to "S" (which stands for Retail Electric Supplier).	
		Utility	814E-Response	Utility sends an enrollment response transaction to the RES accepting the enrollment request for this account. 1. the REF*BLT segment is set to "LDC" (for Bill Ready UCB/POR); 2. the REF*17 (AMI Data Preference Identifier) segment is set to "DAILY"; and 3. the REF*DR (Demand Response Indicator) segment is set to "S" (which stands for Retail Electric Supplier).	E.014	814E-Response transaction is sent to the RES. 1. the REF*BLT segment is set to "LDC" (for Bill Ready UCB/POR); 2. the REF*17 (AMI Data Preference Identifier) segment is set to "DAILY"; and 3. the REF*DR (Demand Response Indicator) is set to "S" (which stands for Retail Electric Supplier).	
		Utility	867DU	Utility sends an 867DU transaction to the RES.	DU.001	867DU transaction is sent to the RES containing AMI reads. This file may contain one or more days' worth of AMI reads.	
		Utility	867MU	Utility sends an 867MU transaction to the RES	M.001	867MU transaction is sent to the RES containing one billing period's worth of AMI reads.	
		RES	814C-Request	RES sends an AMI Data Preference Identifier change request transaction to the Utility where the REF*17 segment is set to "DEFAULT".		814C-Request transaction is sent to the Utility where the REF*17 segment is set to "DEFAULT".	
		Utility	814C-Response	814C-Response transaction is sent to the RES.	C.022	814C-Response transaction is sent to the RES.	
		Utility	814C-Request	Utility sends a meter change request to the RES (i.e. reason code is set to REF*TD*NMI1X). The new meter is NOT an AMI meter. Thus, the REF*KX segment within this transaction is set to "NOTAMI". *Note: in production, a second 814C-Request transaction would be sent at the end of the billing period with a reason code of REF*TD*REF17 and where the AMI Data Preference Identifier (i.e. the REF*17 segment) within the transaction is set to "DEFAULT".		814C-Request transaction for a meter change is sent to the RES where the REF*KX segment within the transaction is set to "NOTAMI".	
		RES	814C-Response	814C-Response transaction is sent to the Utility	C.023	814C-Response transaction is sent to the Utility.	
		RES	814C-Request	RES sends a Demand Response Indicator change request to the Utility where the REF*DR segment is set to "N" (which stands for No Plan).		814C-Request transaction is sent to the Utility where the REF*DR segment is set to "N" (which stands for No Plan).	
		Utility	814C-Response	814C-Response transaction is sent to the RES.	C.024	814C-Response transaction is sent to the RES.	
		Utility	814C-Request	Utility sends a Demand Response Indicator change request to the RES where the REF*DR segment is set to "U" (which stands for Utility).		814C-Request transaction is sent to the RES where the REF*DR segment is set to "U" (which stands for Utility).	
		RES	814C-Response	814C-Response transaction is sent to the Utility	C.025	814C-Response transaction is sent to the Utility.	
		RES	814E-Request	RES sends an on-cycle account-level enrollment transaction to the Utility for account number 1295024007 containing the following (please note that this account does <i>not</i> contain an AMI meter, and we are purposefully testing how this scenario is handled): 1. the REF*BLT segment is set to "LDC" (for Bill Ready UCB/POR); 2. the REF*17 (AMI Data Preference Identifier) segment is set to "DAILY"; and 3. the REF*DR (Demand Response Indicator) is set to "S" (which stands for Retail Electric Supplier).		814E-Request transaction is sent to the Utility. 1. the REF*BLT segment is set to "LDC" (for Bill Ready UCB/POR); 2. the REF*17 (AMI Data Preference Identifier) segment is set to "DAILY"; and 3. the REF*DR (Demand Response Indicator) is set to "S" (which stands for Retail Electric Supplier).	
		Utility	814E-Response	Utility sends an enrollment response transaction to the RES accepting the enrollment request for this account. However, since the account does not contain an AMI meter, the REF*17 segment in the 814E-Response transaction is set to "DEFAULT".	E.015	Utility sends an enrollment response transaction to the RES accepting the enrollment request for this account. However, since the account does not contain an AMI meter, the REF*17 segment in the 814E-Response transaction is set to "DEFAULT".	

EDI Test Conditions

Test Condition	Test Condition Description
E.001 (Enrollment)	RES sends an on-cycle account-level enrollment to the Utility requesting Bill Ready UCB/POR for a Mass Market account.
E.002 (Enrollment with Historical Usage Requested)	RES sends an on-cycle account-level enrollment to the Utility with the historical usage flag checked requesting dual billing for a Non-Mass market account.
E.003 (Failed Enrollment)	RES sends an on-cycle account-level enrollment to the Utility requesting Bill Ready UCB/POR for a Mass Market account that does not exist in the Utility's Database.
E.004 (Enrollment)	RES sends an on-cycle account-level enrollment to the Utility requesting Rate Ready UCB/POR for a Mass Market account (Rate Code = XXXXXX).
E.005 (Enrollment)	RES sends an on-cycle account-level enrollment to the Utility requesting Dual Billing for a Mass Market account (requested effective date is sent/included in the 814e transaction that is less than 7 days from the current date).
E.006 (Enrollment)	RES sends an on-cycle account-level enrollment to the Utility requesting SBO for a Mass Market account.
E.007 (Enrollment)	RES sends an on-cycle account-level enrollment to the Utility requesting dual billing for a Mass Market account.
E.008 (Enrollment)	RES sends an off-cycle service point-level enrollment to the Utility requesting Bill Ready UCB/POR for one service point on a Non-Mass Market account (use a requested effective date of xx/xx/2009).
E.009 (Failed Enrollment)	RES sends an off-cycle service point-level enrollment to the Utility requesting Dual Billing for one service point on a Non-Mass Market account (use a requested effective date of xx/xx/2009 - is greater than 45 days from the current date).
E.010 (Enrollment)	RES sends an on-cycle service point-level enrollment to the Utility requesting Rate Ready UCB/POR for one service point on a Non-Mass Market account (Rate Code = XXXXXX).
E.011 (Enrollment)	RES sends an on-cycle service point-level enrollment to the Utility requesting SBO for one service point on a Non-Mass Market account.
E.012 (Enrollment)	RES sends an on-cycle service point-level enrollment to the Utility requesting dual billing for a service point on a Non-Mass Market account.
E.013 (Enrollment)	RES sends an on-cycle account-level enrollment to the Utility requesting Bill Ready UCB/POR.
E.014 (Enrollment)	RES sends an on-cycle account-level enrollment to the Utility requesting the following: 1.) Bill Ready UCB/POR; 2.) AMI Data Preference Identifier set to "DAILY"; and 3.) Demand Response Indicator set to "S" (which stands for Supplier).
E.015 (Enrollment)	RES sends an on-cycle account-level enrollment transaction to the Utility requesting the following (please note that the account being enrolled does not contain an AMI meter, and we are purposefully testing how this scenario is handled): 1.) Bill Ready UCB/POR; 2.) AMI Data Preference Identifier set to "DAILY"; and 3.) Demand Response Indicator set to "S" (which stands for Supplier).
D.001 (Drop)	RES sends an on-cycle account-level drop request to the Utility for a Mass Market account.
D.002 (Drop)	RES sends an on-cycle account-level drop request to the Utility for a Non-Mass Market account.
D.003 (Drop Rescission)	RES sends an account-level drop rescission request to the Utility for a Mass Market account.
D.004 (Enrollment Rescission)	RES sends an account-level enrollment rescission request to the Utility for a Mass Market account.
D.005 (Drop)	RES sends an off-cycle service point-level drop request to the Utility for a service point on a Non-Mass Market account.
D.006 (Drop Rescission)	RES sends a service point-level drop rescission request to the Utility for a service point on a Non-Mass Market account.
D.007 (Enrollment Rescission)	RES sends a service point-level enrollment rescission request to the Utility for a service point on a Non-Mass Market account.
R.001 (Reinstatement)	Utility sends an account-level reinstatement request to the RES for a Non-Mass Market account.
C.001 (Change by Utility)	Utility sends a Bill Group change notification to the RES.
C.002 (Change by Utility)	Utility sends a Billing Address change notification to the RES.
C.003 (Change by Utility)	Utility sends a Billing Option change notification to the RES (account's Billing Option is changing from SBO to Dual Billing).
C.004 (Change by Utility)	Utility sends a Customer Premise Address change notification to the RES.
C.005 (Change by Utility)	Utility sends a Customer Name change notification to the RES.
C.006 (Change by Utility)	Utility sends a Customer Phone Number change notification to the RES.
C.007 (Change by Utility)	Utility sends a service point DS Rate change notification to the RES.
C.008 (Change by Utility)	Utility sends a service point Load Profile Classification change notification to the RES.
C.009 (Change by Utility)	Utility sends a Meter Addition notification to the RES.
C.010 (Change by Utility)	Utility sends a Meter Constant change notification to the RES.
C.011 (Change by Utility)	Utility sends a Meter Exchange notification to the RES.
C.012 (Change by Utility)	Utility sends a Meter Removal notification to the RES.
C.013 (Change by Utility)	Utility sends a Meter Role change notification to the RES.

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C.014 (Change by Utility)	Utility sends a Meter Special Configuration change notification to the RES.
C.015 (Change by Utility)	Utility sends a service point Peak Load Contribution (PLC) change notification to the RES.
C.016 (Change by Utility)	Utility sends a Service Point Addition change notification to the RES.
C.017 (Change by Utility)	Utility sends a Service Point Removal change notification to the RES.
C.018 (Change by RES)	RES sends a Rate Code change notification to the Utility (Rate Code = YYYYYY).
C.019 (Change by RES)	RES sends a Billing Option change notification to the Utility (account's Billing Option is changing from Dual Billing to SBO).
C.020 (Change by RES)	RES sends an account-level CPNode change notification to the Utility (CPNode assignment is changing to AMIL.XXXXXX).
C.021 (Change by RES)	RES sends a RES Account Number change notification to the Utility.
C.022 (Change by RES)	RES sends an AMI Data Preference Identifier change request transaction to the Utility where the REF*17 segment (AMI Data Preference Identifier) is set to "DEFAULT".
C.023 (Change by Utility)	Utility sends an AMI Data Availability Indicator change request to the RES where the REF*KX segment (AMI Data Availability Indicator) is set to "NOTAMI".
C.024 (Change by RES)	RES sends a Demand Response Indicator change request to the Utility where the REF*DR segment (Demand Response Indicator) is set to "N" (which stands for No Plan).
C.025 (Change by Utility)	Utility sends a Demand Response Indicator change request to the RES where the REF*DR segment (Demand Response Indicator) is set to "U" (which stands for Utility).
HU.001 (Historical Usage Request)	RES sends a historical usage request for the specified account. This transaction should request interval and summary data (i.e. "LIN-HI").
HU.002(Historical Usage Request)	RES sends a historical usage request for the specified account. The specified account must have at least one electric service point that has an AMI meter. This transaction should request interval and summary data (i.e. "LIN-HI"). The EDI 867HU transaction that the Utility sends to the RES in response to the 814HU-Request transaction should have a REF*KX segment that is set to "AMI".
DU.001 (Daily Usage)	Utility sends an 867DU transaction to the RES containing hourly reads for at least one day.
M.001 (Monthly Bill Period Usage by RES)	Utility sends a Non-Mass Market account's (with at least one interval meter) usage data for the first billing period on RES supply to the RES.
M.002 (Monthly Bill Period Usage by RES)	Utility sends a Mass Market account's (with no interval meters) usage data for the first billing period on RES supply to the RES.
M.003 (Monthly Bill Period Usage and Cancel/Rebill)	Utility sends a Non-Mass Market account's (with at least one interval meter) usage data for the first billing period on RES supply to the RES. Utility cancels the first billing period's consumption. Utility sends adjusted consumption for the first billing period to the RES.
I.001 (SBO Invoice and Cancel/Rebill)	Utility sends an account's invoice and usage data for the first billing period on RES supply to the RES (for a Non-Mass Market account on SBO). Utility then cancel/rebills this same billing period.
I.002 (Bill Ready UCB/POR Invoice and Cancel/Rebill)	RES sends an account's invoice for the first billing period on RES supply to the Utility (for a Mass Market account on Bill Ready UCB/POR). Utility then initiates a cancel/rebill for this same billing period.
I.003 (Rate Ready UCB/POR Invoice and Cancel/Rebill)	Utility sends an "informational" invoice for the first billing period on RES supply to the RES (for a Mass Market account on Rate Ready UCB/POR). Utility then initiates a cancel/rebill for this same billing period.
P.001 (SBO Invoice and Payment)	Utility sends an account's invoice and usage data for the first billing period on RES supply to the RES (for a Non-Mass Market account on SBO). RES then sends remittance for the first billing period to the Utility.
P.002 (Bill Ready UCB/POR Invoice, Application Advice, and Payment)	RES sends an account's invoice for the first billing period on RES supply to the Utility (for a Mass Market account on Bill Ready UCB/POR). Utility sends confirmation to the RES that the first billing period has been billed. Utility then sends remittance for the first billing period to the RES.
P.003 (Bill Ready UCB/POR Invoice, Application Advice, and Cancel/Rebill)	RES sends an account's invoice for the first billing period on RES supply to the Utility (for a Mass Market account on Bill Ready UCB/POR). Utility sends confirmation to the RES that the first billing period has been billed. Utility then sends remittance for the first billing period to the RES. Utility then initiates a cancel/rebill for this same billing period.
P.004 Rate Ready UCB/POR Invoice and Cancel/Rebill)	Utility sends an "informational" invoice for the first billing period on RES supply to the RES (for a Mass Market account on Rate Ready UCB/POR). Utility sends remittance for the first billing period to the RES. Utility then initiates a cancel/rebill for this same billing period.
A.001 (Application Advice)	Utility rejects invoice.
A.002 (Application Advice)	Utility sends notification to RES that no RES invoice was received within the shelf period.
A.003 (Application Advice)	RES rejects remittance due to invalid account number.