

PPL EU Test Plan - Level 2 Testing Testing Notes

TECHNICAL TESTING INFORMATION GENERAL:

Simulated Dates - The dates that you will receive on the transactions will be simulated dates. The Service Period Start Date will be simulated to reflect **March 11, 2009** with usage in the February and March timeframes.

Contract Effective Dates (CED) for enrollments in Frame 3 cannot be greater than the current date.

The Supplier **must** use the Customer Name **exactly** as shown in each scenario (i.e., N1*8R***TEST E001**).

997s must be returned for every file PPL EU sends to the supplier. They will be in 4010 format and should include the following detail:

A - 997 Accept

AK1, AK9 (required)

AK1, AK2, AK5, AK9 (preferred)

E - 997 Accept with Error

AK1, AK2, AK3, AK4, AK5, AK9 (required)

R - 997 Reject

AK1, AK2, AK3, AK4, AK5, AK9 (required)

Frame 1

PPL EU Sends Connectivity Test to Supplier

Frame 2

Supplier Sends Connectivity Test to PPL EU

Frame 1 and 2 will begin prior to the Test Flight Kickoff

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Frame 1 - Connectivity Test - Supplier submits connectivity test to PPL EU

Frame 2 - Connectivity Test - PPL EU submits connectivity test to Supplier

E.001 - Failed Enrollment
 Account Number: 9999199991
 Customer Name: TEST E001
 Bill Type: ANY

Frame #	Party Responsible	Transaction Set	Description	Expected Results	Actual Results
3	Supplier	814 E	Supplier sends an enrollment request for an account that does not exist in the Utility's Database. Please use account number that is provided (i.e., 9999199991).	814 Enrollment Transaction is received from the Supplier	
4	Utility	814 E	Utility sends a response rejecting the enrollment of the account.	814 Enrollment Response Transaction is sent to the Supplier "Account Not Found"	

E.002 - Historical Usage
 Account Number:
 Customer Name: TEST E002
 Bill Type: ANY

Frame #	Party Responsible	Transaction Set	Description	Expected Results	Actual Results
3	Supplier	814 E	Supplier sends a request for enrollment with Historical Usage or separate enrollment and Historical Usage request.	814e (w/ HU LIN or separate 814 HU request) Transaction(s) are received from the Supplier	
		814 HU			
4	Utility	814 E/HU	Utility sends a response accepting the enrollment of the account and the Historical Usage request.	814 Enrollment Response and 814 Historical Usage Response Transaction(s) are sent to the Supplier	
		867 HU	Utility sends the Historical Usage of the Account	867 Historical Usage Transaction is sent to Supplier	

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E.003 - Change by Utility

Account Number:

Customer Name: TEST E003

Bill Type: ANY

Frame #	Party Responsible	Transaction Set	Description	Expected Results	Actual Results
3	Supplier	814 E	Supplier sends an enrollment request.	814 Enrollment Transaction is received from the Supplier	
4	Utility	814 E	Utility sends a response accepting the enrollment of the account.	814 Enrollment Accept Response Transaction is sent to the Supplier	
5	Utility	814 C	Utility sends a Billing Address change request	814 Change Transaction is sent to Supplier	
6	Supplier	814 C	Supplier sends a response accepting the change to the Billing Address	814 Change Accept Response Transaction is received from the Supplier	

E.004 - Drop by Supplier

Account Number:

Customer Name: TEST E004

Bill Type: ANY

Frame #	Party Responsible	Transaction Set	Description	Expected Results	Actual Results
3	Supplier	814 E	Supplier sends an enrollment request.	814 Enrollment Transaction is received from the Supplier	
4	Utility	814 E	Utility sends a response accepting the enrollment of the account.	814 Enrollment Accept Response Transaction is sent to the Supplier	
5	Supplier	814 D	Supplier sends a drop request for the Account.	814 Drop Transaction is received from the Supplier	
6	Utility	814 D	Utility sends a response accepting the drop request	814 Drop Accept Transaction is sent to the Supplier	

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E.005 - Drop by Utility + Reinstatement

Account Number:

Customer Name: TEST E005

Bill Type: ANY

Frame #	Party Responsible	Transaction Set	Description	Expected Results	Actual Results
3	Supplier	814 E	Supplier sends an enrollment request.	814 Enrollment Transaction is received from the Supplier	
4	Utility	814 E	Utility sends a response accepting the enrollment of the account.	814 Enrollment Accept Response Transaction is sent to the Supplier	
5	Utility	814 D	Utility sends a drop request for the Account.	814 Drop Transaction is sent to the Supplier	
6	Supplier	814 D	Supplier sends a response accepting the drop request	814 Drop Accept Transaction is received from the Supplier	
7	Utility	814 R	Utility sends a reinstatement request for the Account	814 Reinstatement Transaction is sent to the Supplier	
8	Supplier	814 R	Supplier sends a response accepting the reinstatement request.	814 Reinstatement Accept Response Transaction is received from the Supplier	

B.001 - Bill Ready with Remittance, Collections and Supplier Change of Bill Type

Account Number:

Customer Name: TEST B001

Bill Type: Utility Consolidated Bill Ready

Frame #	Party Responsible	Transaction Set	Description	Expected Results	Actual Results
3	Supplier	814 E	Supplier sends an enrollment request.	814 Enrollment Transaction is received from the Supplier	
4	Utility	814 E	Utility sends a response accepting the enrollment of the account.	814 Enrollment Accept Response Transaction is sent to the Supplier	
5	Utility	867 MU	Utility sends the consumption of the Account for the 1st month	1st Month 867 MU Transaction is sent to Supplier	
6	Supplier	810	Supplier sends Invoice for the 1st month	1st Month 810 Transaction is received from the Supplier	
	Supplier	814 C	Supplier sends a Billing Type change request to DUAL	814 Change Transaction is received from the Supplier	
7	Utility	820	Utility sends the remittance for the 1st month	820 Transaction sent to the Supplier	
	Utility	814 C	Utility sends a response accepting the Billing Type change request	814 Change Accept Response Transaction is sent to the Supplier	
8	Utility	568	Utility sends a collections transaction for customer's payment history	568 Transaction is sent to Supplier	
	Utility	867 MU	Utility sends the consumption of the Account for the 2nd month	2nd Month 867 MU Transaction is sent to Supplier (now Dual Billing)	

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B.002 - Bill Ready with Missed Bill Window, 2-Month Bill

Account Number:

Customer Name: TEST B002

Bill Type: Utility Consolidated Bill Ready

Frame #	Party Responsible	Transaction Set	Description	Expected Results	Actual Results
3	Supplier	814 E	Supplier sends an enrollment request.	814 Enrollment Transaction is received from the Supplier	
4	Utility	814 E	Utility sends a response accepting the enrollment of the account.	814 Enrollment Accept Response Transaction is sent to the Supplier	
5	Utility	867 MU	Utility sends the consumption of the Account for the 1st month	1st Month 867 MU Transaction is sent to Supplier	
6	Supplier	810	Supplier sends Invoice "late" for the 1st month. Note that no special action needs to be taken to make it appear late. This is just to test your ability to receive the 824.	810 Transaction is received from Supplier	
7	Utility	824	Utility Sends an Application Advice indicating Missed Bill Window	824 Transaction sent to Supplier	
		867 MU	Utility sends the consumption of the Account for the 2nd month	2nd Month 867 MU Transaction is sent to Supplier	
8	Supplier	810	Supplier sends both Invoices for the 1st and 2nd months	Two 810 Transactions are received from Supplier	

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B.003 - Bill Ready with Supplier Cancel/Restate

Account Number:

Customer Name: TEST B003

Bill Type: Utility Consolidated Bill Ready

Frame #	Party Responsible	Transaction Set	Description	Expected Results	Actual Results
3	Supplier	814 E	Supplier sends an enrollment request.	814 Enrollment Transaction is received from the Supplier	
4	Utility	814 E	Utility sends a response accepting the enrollment of the account.	814 Enrollment Accept Response Transaction is sent to the Supplier	
5	Utility	867 MU	Utility sends the consumption of the Account for the 1st month	1st Month 867 MU Transaction is sent to Supplier	
6	Supplier	810	Supplier sends Invoice for the 1st month	810 Transaction is received from Supplier	
7	Supplier	810 Cancel	Supplier cancels invoice for the 1st month by sending 810 Cancel with BGN08 = 17. In production, this 810 must be outside of the bill window.	810 Cancel Transaction is received from Supplier	
	Utility	867 MU	Utility sends the consumption of the Account for the 2nd month	2nd Month 867 MU Transaction is sent to Supplier	
8	Supplier	810	Supplier sends 810 Restate Invoice with BGN08 = 18 for the 1st month. In production, this 810 must be within the bill window.	810 Restate Transaction is received from Supplier	
	Supplier	810	Supplier sends 810 invoice for the 2nd month.	810 Transaction is received from Supplier	

B.004 - Interval Usage

Account Number:

Customer Name: TEST B004

Bill Type: Utility Consolidated Bill Ready

Frame #	Party Responsible	Transaction Set	Description	Expected Results	Actual Results
3	Supplier	814 E	Supplier sends an enrollment request.	814 Enrollment Transaction is received from the Supplier	
4	Utility	814 E	Utility sends a response accepting the enrollment of the account.	814 Enrollment Accept Response Transaction is sent to the Supplier	
5	Utility	867 IU	Utility sends the INTERVAL USAGE of the Account for the 1st month	867 IU Transaction is sent to the Supplier	
6	Supplier	810	Supplier sends Invoice for the 1st month	810 Transaction is received from the Supplier	

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B.005 - Cancel/Rebill for Usage

Account Number:

Customer Name: TEST B005

Bill Type: Utility Consolidated Bill Ready

Frame #	Party Responsible	Transaction Set	Description	Expected Results	Actual Results
3	Supplier	814 E	Supplier sends an enrollment request.	814 Enrollment Transaction is received from the Supplier	
4	Utility	814 E	Utility sends a response accepting the enrollment of the account.	814 Enrollment Accept Response Transaction is sent to the Supplier	
5	Utility	867 MU	Utility sends the consumption of the Account for the 1st month	1st Month 867 MU Transaction is sent to Supplier	
6	Supplier	810	Supplier sends Invoice for the 1st month.	810 Transaction is received from the Supplier	
7	Utility	867 MU (cancel)	Utility Cancels the previously sent consumption	Cancel 867 MU Transaction is sent to the Supplier.	
		867 MU (rebill)	Send new consumption for the previously cancelled service period	Rebilled 867 MU Transaction for the same month is sent to the supplier	
8	Supplier	810	Supplier sends Invoice for the 1st month.	810 Transaction is received from the Supplier	

**PPL EU Test Plan - Level 2 Testing
Account Flow**

Files to be sent
no later than:

Index	Account #	Customer Name	Billing	August 5	August 7	August 10	August 14	August 18	August 20
				Frame 3	Frame 4	Frame 5	Frame 6	Frame 7	Frame 8
E.001 - Failed Enrollment	9999199991	TEST E001	ANY	S-enrolls	U-rejects 814E	---	---	---	---
E.002 - Historical Usage		TEST E002	ANY	S-enrolls w/hu	U-accepts 814E and 814HU U-867 HU sent	---	---	---	---
E.003 - Change by Utility		TEST E003	ANY	S-enrolls	U-accepts 814E	U-814C req. to chg billing addr.	S-accepts 814C	---	---
E.004 - Drop by Supplier		TEST E004	ANY	S-enrolls	U-accepts 814E	S-814D req.	U-accepts 814D	---	---
E.005 - Drop by Utility + Reinstatement		TEST E005	ANY	S-enrolls	U-accepts 814E	U-814D req.	S-accepts 814D	U-814R req.	S-accepts 814R
B.001 - Bill Ready, Remittance, Collections & Supplier Change of Bill Type		TEST B001	LDC	S-enrolls	U-accepts 814E	U-867 MU 1st month	S-810 1st month S-814C req. to dual	U-820 U-accepts 814C	U-568 U-867 MU 2nd month (Dual)
B.002 - Bill Ready with Missed Bill Window, 2- Month Bill		TEST B002	LDC	S-enrolls	U-accepts 814E	U-867 MU 1st month	S-late 810 1st month	U-824 "OBW" U-867 MU 2nd month	S-810 - 1st month S-810 - 2nd month
B.003 - Bill Ready with Supplier Cancel/Restate		TEST B003	LDC	S-enrolls	U-accepts 814E	U-867 MU 1st month	S-810 1st month	S-810 Cancel 1st month U-867 MU 2nd month	S-810 Restate 1st month S-810 2nd month
B.004 - Interval Usage		TEST B004	LDC	S-enrolls	U-accepts 814E	U-867 IU 1st month	S-810 1st month	---	---
B.005 - Cancel/Rebill for Usage	0000000000	TEST B005	LDC	S-enrolls	U-accepts 814E	U-867 MU 1st month	S-810 1st month	U-867 MU cancel U-867 MU rebill	S-810 for rebill

Notes: Frame 1 and 2 are Connectivity Testing

Blue = PPL EU to Supplier

Red = Supplier to PPL EU

You may get "ahead" of the required test dates. Testing must be completed by August 20th to be moved into production on time. We will not be performing testing from August 24th through September 7th.