

**BGE EDI TESTING ACCOUNTS
COMBINED EDI TESTING**

TP#	IDENTIFYING ATTRIBUTES	BILL TYPE	ACCOUNT NUMBER
1	Single meter	Dual	0999999999
2	Single meter	Dual	0881480011
5	Multiple meters & ALM Device(s)	Dual	0002544130
6	Single meter	Dual	0064497034
7	Multiple meters	Dual	9627120011
8	Interval	Dual	3385288016
14	Multiple meters	LDC Consolidated	8572494018
15	Demand and consumptionkWh & kW	LDC Consolidated	4633872012
16	Single meter	LDC Consolidated	0004887370
17	Unmetered	Dual	3278047512
18	Single meter	LDC Consolidated	7132120012
107	Time of Day meter	Dual	9998477507

BGE EDI Certification Test Plan

From the MD EDI Certification Test Plan

FRAME BY FRAME: Combined Billing and Enrollment Testing

TP No	Trans	Resp.	Description of Frame	TPs	Date
F1	814e	Supplier	Enrollment - Supplier will create and send enrollment request with an account number - 999999999.	1	3/17/2000
	814e	Supplier	Enrollment - Supplier will create and send enrollment requests for all accounts in test plan.	2, 5, 6, 7, 8, 14, 15, 16, 17, 18, 107	3/17/2000
	814e or 814h	Supplier	Hist Usage Request- On enrollment, 814e, request historical usage OR send separate 814H request for historical usage.	2	3/17/2000
F2	814er	Utility	Enrollment Response- BGE will send back a response rejecting the enrollment due to an invalid account number	1	3/18/2000
	814er	Utility	Enrollment Response- BGE will send back response accepting the enrollment requests.	2, 5, 6, 7, 8, 14, 15, 16, 17, 18, 107	3/18/2000
	814er or 814hr	Utility	Hist Usage Response- BGE will send back response accepting the historical usage request.	2	3/18/2000
	867hu	Utility	Hist Usage- BGE sends 12 month historical usage information to Supplier.	2	3/18/2000
F3	814c	Supplier	Change from Supplier - Supplier will request a change. (REF*TD*REFBLT \ REF*BLT*LDC)	2	3/19/2000
	814c	Utility	Change from Utility - Utility will send a change to Supplier.	5	3/19/2000
	814d	Utility	Drop from Utility - BGE sends Supplier drop request.	6	3/19/2000
	867mu	Utility	Usage/Monthly- BGE will send first month usage	7, 14, 15, 16, 17, 18, 107	5/16/2000
	867mu	Utility	Usage/Interval - BGE will send interval usage summarized on a monthly usage transaction; and post Interval data on a secured supplier website.	8	6/1/2000
F4	814cr	Supplier	Change Response from Supplier - Supplier will accept BGE's change.	5	3/20/2000
	814dr	Supplier	Drop Response from Supplier- Supplier sends response accepting drop.	6	3/21/2000
	810	Supplier	Invoice- Supplier will send first month invoice.	14, 18	5/19/2000
	810	Supplier	Invoice- Supplier will send first month invoice with an error.	15	5/19/2000
	810	Supplier	Invoice- Supplier will send first month invoice LATE.	16	5/24/2000
	814cr	Utility	Change Response - Utility will reject or accept the Supplier's change.	2	3/20/2000
F5	814d	Supplier	Drop from Supplier- Supplier requests to drop the customer	5	3/21/2000
	814r	Utility	Reinstatement- BGE sends requests to reinstate the customer	6	3/21/2000
	820	Utility	Remittance- BGE will send first month remittance detail.	14	5/26/2000
	824	Utility	App Adv - BGE will send notification of late 810 to Supplier.	16	5/24/2000
	824	Utility	App Adv - BGE will send notification of bad 810 to Supplier.	15	5/19/2000
	867mu	Utility	Usage/Monthly- BGE will send cancel of first month usage.	7, 18	5/20/2000
	867mu	Utility	Usage/Monthly - BGE will send restate of first month usage.	7, 18	5/20/2000
F6	814rr	Supplier	Reinstatement Response- Supplier sends response accepting reinstatement.	6	3/22/2000
	810	Supplier	Invoice - Supplier will send first month invoice (supplier has option of sending cancel and rebill 810's or an adjusted 810; the cross reference number on the adjusted or rebill 810 must match the cross reference number from the restated 867).	18	5/23/2000
	867	Utility	Usage/Monthly- BGE will send second month usage.	16	6/16/2000
	814dr	Utility	Drop from Supplier Response- BGE sends response accepting drop	5	3/22/2000
F7	810	Supplier	Invoice- Supplier will send appropriate invoices on time (in bill window)	16	6/21/2000

BGE EDI Certification Test Plan

Adopted From the MD EDI Certification Test Plan

Combined Billing and Enrollment Testing

TP #1: Failed Enrollment

Test Plan #1 - the Supplier sends an enrollment request, 814e, in order to enroll a customer; however, the account number on the 814e can not be found in BGE's customer database as a valid account number. Therefore, this enrollment request must be rejected.

Account No: 999999999				BILL=DUAL		
TP No	Frame	Resp.	Trans.	Description of Frame	Expected Results	Actual Results
1	F1	Supplier	814e	Enrollment - Create and send enrollment request with an account number that does not exist in BGE's customer database	814e created and sent to BGE	
	F2	Utility	814er	Enrollment Response- BGE will send back a response rejecting the enrollment due to an invalid account number	REF02 = A76 (Reject Reason Code), REF03 = Account Not Found	

TP #2: Enrollment, Supplier Change (Dual Bill, Single Meter)

Test Plan #2 - the ES sends an enrollment request, 814e, for a customer with a single meter. The enrollment will contain a request for the EC to send to the supplier, historical usage information. The EC replies with an enrollment response, 814er, accepting the enrollment, along with historical usage information, 867hu. The ES will send a Change Request, the EC will send the Change Response

Account No: 881480011				BILL=DUAL; METER=SINGLE		
TP No	Frame	Resp.	Trans.	Description of Frame	Expected Results	Actual Results
2	F1	Supplier	814e	Enrollment- Create and send enrollment request with account having single meter	814e created and sent to BGE	
		Supplier	814e or 814h	Hist Usage Request- On enrollment, 814e, request historical usage OR send separate 814H request for historical usage.	Historical Usage requested	
	F2	Utility	814er	Enrollment Response- BGE will send back response accepting the enrollment request.	814er created and sent to Supplier	
		Utility	814er or 814hr	Hist Usage Response- BGE will send back response accepting the historical usage request.	On the 814er, verify 'ok' to receive historical usage information	
		Utility	867hu	Hist Usage- BGE send 12 month historical usage information to Supplier	867hu created and sent to Supplier	
	F3	Supplier	814c	Change from Supplier - Supplier will request a change (change billing option to LDC)	REF*TD*BLT / REF*BLT*LDC	
F4	Utility	814cr	Change Response from BGE - BGE will reject or accept the change	Change accepted or rejected		

TP #5: Enrollment, Utility Change, Supplier Drop (Dual Bill)

Test Plan #5 - the Supplier sends an enrollment request, 814e, for a customer. BGE replies with an enrollment response, 814er accepting the enrollment. BGE will send any valid change, and the Supplier will reply with a Change Response. The Supplier will request to drop the customer, 814d, then BGE replies with a drop response, 814dr, accepting the drop. ****NOTE-This Test Plan will include ALM devices****

Account No: 2544130				BILL=DUAL		
TP No	Frame	Resp.	Trans.	Description of Frame	Expected Results	Actual Results
5	F1	Supplier	814e	Enrollment- Create and send enrollment request.	814e created and sent to BGE	
	F2	Utility	814er	Enrollment Response- BGE will send back response accepting the enrollment request.	814er created and sent to Supplier	
	F3	Utility	814c	Change from BGE - BGE will send a change	Any valid REF*TD change	
	F4	Supplier	814cr	Change Response from Supplier - Supplier will accept a change	Change accepted	
	F5	Supplier	814d	Drop from Supplier- Supplier requests to drop the customer	REF02 = B38 (Dropped by customer request)	
	F6	Utility	814dr	Drop from Supplier Response- BGE sends response accepting drop	Ex: ASI = ASI*WQ*024	

TP #6: Utility Drop, Utility Reinstatement (Dual Bill)

Test Plan #6 - the Supplier sends an enrollment request, 814e. BGE replies with an enrollment response ,814er accepting the enrollment. BGE then requests to drop the customer, 814d, then the Supplier replies with a drop response, 814dr, acknowledging the drop. The customer rescinds the drop and BGE sends an 814r to the Supplier. The Supplier replies with a response acknowledging reinstatement, 814rr.

Account No: 64497034				BILL=DUAL			
TP No	Frame	Resp.	Trans.	Description of Frame	Expected Results	Actual Results	
6	F1	Supplier	814e	Enrollment- Create and send enrollment request with single meter.	814e created and sent to BGE		
	F2	Utility	814er	Enrollment Response - BGE will send back response accepting the enrollment request.	814er created and sent to Supplier		
	F3	Utility	814d	Drop from Utility - BGE requests to drop the customer	Ex: REF02 = B38 (Dropped by customer request)		
	F4	Supplier	814dr	Drop from Utility Response - Supplier sends response accepting drop	Ex: ASI = ASI*WQ*024		
	F5	Utility	814r	Reinstatement - BGE sends requests to reinstate the customer	Ex: ASI = ASI*7*025		
	F6	Supplier	814rr	Reinstatement Response - Supplier sends response accepting reinstatement	Ex: ASI = ASI*WQ*025		

TP #7: Usage (Dual Bill, KW/KWH Meter, Multiple Meters)

Test Plan #7 - the Supplier sends an enrollment request, 814e, for a customer. BGE replies with an enrollment response, 814er accepting the enrollment. BGE response will include a multiple unit of measure meter (kW and kWh). Include cancelled and restated usage.

Account No: 9627120011				BILL=DUAL; METER=Multiple			
TP No	Frame	Resp.	Trans.	Description of Frame	Expected Results	Actual Results	
7	F1	Supplier	814e	Enrollment- Create and send enrollment request with account having multiple meters. Request dual billing.	814e created and sent to BGE		
	F2	Utility	814er	Enrollment Response	Enrollment Accepted		
	F3	Utility	867mu	Usage/Monthly - BGE will send first month usage	867mu created and sent to Supplier		
		IDLE		IDLE IN TP 4 (see Q&A)			
	F5	Utility	867mu	Usage/Monthly - BGE will cancel first month usage	867mu created and sent to Supplier		
	F5	Utility	867mu	Usage/Monthly -BGE will restate first month usage	867mu created and sent to Supplier		

TP #8: Usage (Dual Bill, Interval Meter)

Test Plan #8 -DUAL Bill, Mtr=Interval - Test an account with interval meters; interval data is summarized and the summary is sent on an 867mu; interval data is posted on the secured Supplier website

Account No: 3385288016				BILL=DUAL; METER=Interval			
TP No	Frame	Resp.	Trans.	Description of Frame	Expected Results	Actual Results	
8	F1	Supplier	814e	Enrollment- Create and send enrollment request with account having interval type meter. Request dual billing.	814e created and sent to BGE with account having interval type meter		
	F2	Utility	814er	Enrollment Response - BGE will send back response accepting the enrollment request.	814er created and sent to Supplier		
	F3	Utility	867mu	Usage/Interval - BGE will send interval usage summarized on a monthly usage transaction; and post Interval data on a secured supplier website; publishes interval detail data on their website	867mu sent; interval detail on website		

TP #14: Bill Ready Usage, Bill, Remittance (Multiple Meters)

Test Plan #14 - BILL READY Cons Bill, Mtr=Multiple, Remittance Advice - Test an account with multiple meters, Usage, Invoices, and Remittance. Test having Account level charges, and message. ACH Payment will NOT be tested.

Account No: 8572494018				BILL=BILL READY; METER=MULTIPLE			
TP No	Frame	Resp.	Trans.	Description of Frame	Expected Results	Actual Results	
14	F1	Supplier	814e	Enrollment- Create and send enrollment request with account having multiple meters.	814e created and sent to EC		
	F2	Utility	814er	Enrollment Response - BGE will send back response accepting the enrollment request.	814er created and sent to Supplier		
	F3	Utility	867mu	Usage/monthly - BGE will send first month usage	867mu created and sent to Supplier		
	F4	Supplier	810	Invoice- Supplier will send first month invoice	810 created and sent to BGE		
	F5	Utility	820	Remittance - BGE will send first month remittance detail. ACH payment will NOT be tested; only remittance detail	820 created and sent to Supplier		

TP #15: Bill Ready Usage, Bill (KW/KWH Meter), Bad Bill 810

Test Plan #15 - BILL READY Cons Bill, Mtr=KWH+KW - Test an account with both demand and consumption. Test the bad 810 scenario.

Account No: 4633872012				BILL READY; METER=KWH+KW		
TP No	Frame	Resp.	Trans.	Description of Frame	Expected Results	Actual Results
15	F1	Supplier	814e	Enrollment- Create and send enrollment request with account having multiple meters.	814e created and sent to BGE	
	F2	Utility	814er	Enrollment Response - BGE will send back response accepting the enrollment request.	814er created and sent to Supplier	
	F3	Utility	867mu	Usage/monthly - BGE will send first month usage	867mu created and sent to Supplier	
	F4	Supplier	810	Invoice - Supplier will send first month invoice with an error	810 created and sent to BGE	
	F5	Utility	824	App Adv - BGE will send notification of bad 810 to Supplier	824 created and sent to Supplier	

TP #16: Bill Ready Usage, Late Bill, Missed Window 824, Two Month Bill (Single Meter)

Test Plan #16 - BILL READY Cons Bill, Mtr=Single - Test an account with a single meter through usage and invoicing; test the Missed Bill Window scenario.

Account No: 4887370				BILL=BILL READY; METER=Single		
TP No	Frame	Resp.	Trans.	Description of Frame	Expected Results	Actual Results
16	F1	Supplier	814e	Enrollment - Create and send enrollment request with account having a single meter.	814e created and sent to BGE	
	F2	Utility	814er	Enrollment Response - BGE will send back response accepting the enrollment request.	814er created and sent to Supplier	
	F3	Utility	867mu	Usage/Monthly - BGE will send first month usage	867mu created and sent to Supplier	
	F4	Supplier	810	Invoice - Supplier will send first month invoice LATE	810 created and sent to BGE	
	F5	Utility	824	App Adv - BGE will send notification of late 810 to Supplier	824 created and sent to Supplier	
	F6	Utility	867	Usage/Monthly - BGE will send second month usage	867mu created and sent to Supplier	
	F7	Supplier	810	Invoice - Supplier will send appropriate invoices on time (in bill window)	810 created and sent to BGE	

TP #17: Dual (Unmetered)

Test Plan #17 - Dual Bill, Mtr=Unmetered - Test an account with unmetered service through usage and invoicing.

Account No: 3278047512				BILL=DUAL; METER=Unmetered		
TP No	Frame	Resp.	Trans.	Description of Frame	Expected Results	Actual Results
17	F1	Supplier	814e	Enrollment - Create and send enrollment request with unmetered account.	814e created and sent to BGE	
	F2	Utility	814er	Enrollment Response - BGE will send back response accepting the enrollment request.	814er created and sent to Supplier	
	F3	Utility	867mu	Usage/Monthly - BGE will send first month usage	867mu created and sent to Supplier	

TP #18: Bill Ready Usage, Bill, Cancel/Restate (Single Meter)

Test Plan #18 - BILL READY Cons Bill, Cancel/Restate (C/R) 1 Month - Test an account where the usage and invoice had to be cancelled and restated, mtr = Single

Account No: 7132120012				BILL=BILL READY; METER=Single		
TP No	Frame	Resp.	Trans.	Description of Frame	Expected Results	Actual Results
18	F1	Supplier	814e	Enrollment - Create and send enrollment request with account having a single meter.	814e created and sent to BGE	
	F2	Utility	814er	Enrollment Response - BGE will send back response accepting the enrollment request.	814er created and sent to Supplier	
	F3	Utility	867mu	Usage/Monthly - BGE will send first month usage	867mu created and sent to Supplier	
	F4	Supplier	810	Invoice- Supplier will send first month invoice	810 created and sent to BGE	
	F5	Utility	867mu	Usage/Monthly - BGE will send cancel of first month usage	867mu created and sent to Supplier	
	F5	Utility	867mu	Usage/Monthly -BGE will send restate of first month usage	867mu created and sent to Supplier	
	F6	Supplier	810	Invoice- Supplier will send first month invoice (supplier has option of sending cancel and rebill 810's or an adjusted 810; the cross reference number on the adjusted or rebill 810 must match the cross reference number from the restated 867)	810 created and sent to BGE	

TP #102: Historical Usage Request Without Enrollment - THIS TP, INCLUDED IN THE STATE PLAN, WOULD BE REJECTED BY BGE'S APPLICATION

Test Plan #102 - the Supplier sends a pre-enrollment historical usage request. BGE replies with historical usage information, 867hu. THIS TEST IS OPTIONAL

Account No:29729388				BILL=DUAL; METER=SINGLE		
TP No	Frame	Resp.	Trans.	Description of Frame	Expected Results	Actual Results
102	F2	Supplier	814h	Hist Usage Request - Send 814H request for historical usage	Historical Usage requested	
	F3	Utility	814hr	Hist Usage Response - BGE will send back response accepting the historical usage request.	814hr created and sent to Supplier	
	F3	Utility	867hu	Hist Usage - BGE send historical usage information to Supplier	867hu created and sent to Supplier	

TP #107: Usage, Bill (Time-of-Day Meter)

Test Plan #107 - DUAL Bill, Time of Day meter

Account No: 9998477507				BILL=DUAL; METER=Time of Day with On, Off and/or Intermediate Peak consumption recordings		
TP No	Frame	Resp.	Trans.	Description of Frame	Expected Results	Actual Results
107	F1	Supplier	814e	Enrollment - Create and send enrollment request with account having a time of day meter.	814e created and sent to BGE	
	F2	Utility	814er	Enrollment Response - BGE will send back response accepting the enrollment request.	814er created and sent to Supplier; On/Off/Intermediate meters	
	F3	Utility	867mu	Usage/Monthly - BGE will send first month usage	867mu with On, off, and/or Intermediate peak consumption recorded.	

Time references

All time references are based on Eastern Standard Time

Where can I find out information about BGE's Electric Supplier Relations Program and EDI Certification Testing?

www.supplier.bge.com

How long will each frame last?

BGE will allow a maximum of 2 business days per frame.

What happens if a supplier does not complete a frame on time?

If a supplier does not complete a frame on time, they will be separated from the test group. Execution of the next frame will begin with the successful participants. BGE will work with the unsuccessful party(s) to the extent that it does not impact successful completion of all test frames by the other batch participants. If a supplier fails to complete any frame of the test, test certification cannot be achieved. Failure to successfully complete the batch test implies the suppliers must retest in a later batch.

What happens if all suppliers and BGE complete a frame early?

We will move on to the next frame as early as possible.

When does the test begin?

The first frame of a batch begins at 7:00 AM on the first day of the batch. For instance, if Batch One begins on 08-21-2000, then BGE will pull the VAN at 7:00 AM Eastern time on 08-21-2000 and will expect all Frame 1 transaction to be there. Suppliers may submit their transactions anytime after the connectivity test is completed (typically 2 or 3 business days prior to testing beginning) and before 7:00 AM Eastern time of the first day of the batch.

When does the test end?

The test ends when both BGE and the supplier have successfully completed all frames OR the allotted batch testing window has expired.

How will disputes be handled?

If BGE and the Supplier reach an impasse, both parties will consult with the EDI Test Moderator (appointed by the Maryland PSC) to reach consensus.

Has BGE made any changes to the test plan?

BGE altered TP's 15 and 17. TP 17 was altered because BGE does not offer LDC Consolidated billing for unmetered customers. Therefore, the requested bill-type was changed from LDC Consolidated to Dual. This eliminated the need for Frame 4 and Frame 5 within TP 17 (they tested a bad 810 and an 824 response). To compensate for this loss, the bad 810/824 were added to TP 15.

BGE altered TP 7. TP 7 calls for cancel and restate of an 867. To keep like transactions together, BGE made TP 7 idle in frame 4 and moved the 867mu cancel restate to frame 5 with TP 18.