Testplan Descriptions:

Scenario Information:
Briefly describes what the components and anticipated results are for this section. Each test plan contains multiple scenarios.

Account Number:
Made-up or fake number to be used for a particular scenario

Scenario Number:
Used to quickly identify a specific scenario

Frame:
Used to identify the file or transaction within a particular scenario (usually all Frames with the same number in the test plan are transmitted within the same file). A Frame is usually equivalent to a 1-day turnaround.

Responsibility:
Group that is responsible for transmitting or handling a specific Frame or transaction

Transaction Set:
Identifies the actual transaction that should be submitted

Description of Frame:
Describes briefly what transaction or result should occur within a specified Frame

Status/Results:
This section is used to track any issues that arise in testing as well as to show when a Frame and Scenario have been completed.

National Grid Massachusetts Gas Certification Test Plan

Client Name:	**Supplier**
Bill Option:	**LDC Consolidated & DUAL**
Transaction Types:	**814, 867, 824, 820, 810, 248**
State/Trading Partners:	**MA/NGRID MAGAS (Boston Gas, Colonial Gas and Essex County Gas)**
Revision Date:	**01/27/2012**

Scenario #1

Commodity:	GAS
NGRID Acct#:	5133000111
Supplier Acct#:	
Name:	CUSTOMER 1
LDC	**Boston Gas (006951586)**
Billing Option:	DUAL
Meter Type:	

Scenario Description: Supplier sends an enrollment request. NGRID accepts the enrollment. Supplier requests an ESP account number change. NGRID accepts and the ESP account number is changed. NGRID sends first months usage with invalid LDC account number. Supplier sends 824 rejecting the monthly usage for invalid LDC account number.

Test Date	Frame	Supplier/NGRID	Transaction	Web Portal Screen	Description of Frame	Status/Results
	F1	Supplier	814E - Enrollment Request	N/A	Enrollment Request - Supplier creates and sends 814E Enrollment Request for Dual Billing	
	F2	NGRID	814E - Enrollment Response	N/A	Enrollment Response - NGRID will sends a 814E Enrollment Response noting the customer has been enrolled.	
	F3	Supplier	814C- Change Request	N/A	Change Request - Supplier creates and sends 814C Change Request to change ESP account number.	
	F4	NGRID	814C - Change Response	N/A	Change Response - NGRID will send a 814C Change Response noting the change to the ESP Account Number.	
	F6	NGRID	867MU - Monthly Usage	N/A	Monthly Usage - NGRID will send first months usage with invalid LDC Account Number.	
	F7	Supplier	824 - Application Advice	N/A	Application Advice - Supplier creates and sends 824 rejecting the monthly usage for invalid LDC account number.	

Scenario #2

Commodity:	GAS
NGRID Acct#:	5133000222
Supplier Acct#:	
Name:	CUSTOMER 2
LDC	**Boston Gas (006951586)**
Billing Option:	DUAL
Meter Type:	

Scenario Description: Supplier sends an enrollment request. The customers account number does not exist in the NGRID's database, NGRID rejects the enrollment.

Test Date	Frame	Supplier/NGRID	Transaction	Web Portal Screen	Description of Frame	Status/Results
	F1	Supplier	814E - Enrollment Request	N/A	Enrollment- Supplier creates and sends 814E Enrollment Request for Dual Billing. The account number does not exist in NGRID's database.	
	F2	NGRID	814E - Enrollment Response	N/A	Enrollment Response - NGRID will send a 814E Enrollment Response noting the customer has been rejected due to an invalid LDC account number-A76.	

Scenario #3

		Commodity:	GAS
		NGRID Acct#:	5133000333
		Supplier Acct#:	
		Name:	CUSTOMER 3
Scenario Description:	Supplier enrolls a customer. NGRID accepts the enrollment. Supplier requests a pricing change. NGRID accepts the pricing change. Supplier then drops the customer. NGRID accepts the drop.	**LDC**	**Boston Gas (006951586)**
		Billing Option:	LDC - Rate Ready Consolidated Billing
		Meter Type:	

Test Date	Frame	Supplier/NGRID	Transaction	Web Portal Screen	Description of Frame	Status/Results
	F1	Supplier	814E - Enrollment Request	N/A	Enrollment Request- Create and send enrollment request with rate ready consolidated billing.	
	F2	NGRID	814E - Enrollment Response	N/A	Enrollment Response - NGRID will send a 814E Enrollment Response noting the customer has been enrolled.	
	F3	Supplier	814C - Change Request	N/A	Change Request - Supplier creates and sends 814C Change Request for a Pricing Change.	
	F4	NGRID	814C - Change Response	N/A	Change Response - NGRID will send a 814C Change Response accepting the Pricing Change.	
	F5	Supplier	814D - Drop Request	N/A	Drop Request from Supplier - Supplier requests to drop the customer.	
	F6	NGRID	814D - Drop Response	N/A	Drop from Supplier Response- NGRID will send a 814D Drop Response accepting the drop.	

Scenario #4

		Commodity:	GAS
		NGRID Acct#:	5133000444
		Supplier Acct#:	
		Name:	CUSTOMER 4
Scenario Description:	Supplier sends an enrollment request. NGRID accepts the enrollment. Supplier then drops the customer sending invalid LDC Account Number. NGRID rejects the drop.	**LDC**	**Boston Gas (006951586)**
		Billing Option:	DUAL
		Meter Type:	

Test Date	Frame	Supplier/NGRID	Transaction	Web Portal Screen	Description of Frame	Status/Results
	F1	Supplier	814E - Enrollment Request	N/A	Enrollment Request- Create and send enrollment request for Dual Billing.	
	F2	NGRID	814E - Enrollment Response	N/A	Enrollment Response - NGRID will send a 814E Enrollment Response noting the customer has been enrolled.	
	F3	Supplier	814D - Drop Request	N/A	Drop Request from Supplier - Supplier requests to drop the customer.	
	F4	NGRID	814D - Drop Response	N/A	Drop from Supplier Response - NGRID will send a 814D Drop Response rejecting the drop request due to an invalid LDC account number-A76.	

Scenario #5

					Commodity:	GAS
					NGRID Acct#:	5133000555
					Supplier Acct#:	
					Name:	CUSTOMER 5
Scenario Description:	**Supplier sends an enrollment request. NGRID accepts the enrollment. NGRID then requests to drop the customer from the Supplier. Supplier accepts drop request. NGRID sends final months usage and invoice. NGRID sends write-off.**				**LDC**	**Boston Gas (006951586)**
					Billing Option:	LDC - Rate Ready Consolidated Billing
					Meter Type:	

Test Date	Frame	Supplier/NGRID	Transaction	Web Portal Screen	Description of Frame	Status/Results
	F1	Supplier	814E - Enrollment Request	N/A	Enrollment- Create and send enrollment request with rate ready consolidated billing.	
	F2	NGRID	814E - Enrollment Response	N/A	Enrollment Response - NGRID will send a 814E Enrollment Response noting the customer has been enrolled.	
	F4	NGRID	814D - Drop Request	N/A	Drop Request from NGRID - NGRID requests drop	
N/A	F5	Supplier	N/A	N/A	Supplier accepts drop request	**No transaction sent**
	F6	NGRID	867MU - Monthly Usage	N/A	Monthly Usage - NGRID will send final months usage.	
	F6	NGRID	810 - Invoice	N/A	Invoice - NGRID will send final months invoice.	
	F8	NGRID	248 - Write-Off	N/A	Write Off - NGRID will send write-off.	

Scenario #6

					Commodity:	GAS
					NGRID Acct#:	5133000606
					Supplier Acct#:	
					Name:	CUSTOMER 6
Scenario Description:	**Supplier sends an enrollment request. NGRID accepts the enrollment. NGRID sends first months usage and invoice. NGRID sends cancel and restatement of monthly usage and cancel and rebill invoice**				**LDC**	**Essex County Gas (006954556)**
					Billing Option:	LDC - Rate Ready Consolidated Billing
					Meter Type:	

Test Date	Frame	Supplier/NGRID	Transaction	Web Portal Screen	Description of Frame	Status/Results
	F1	Supplier	814E - Enrollment Request	N/A	Enrollment Request- Create and send enrollment request with rate ready consolidated billing.	
	F2	NGRID	814E - Enrollment Response	N/A	Enrollment Response - NGRID will send a 814E Enrollment Response noting the customer has been enrolled.	
	F4	NGRID	867MU - Monthly Usage	N/A	Monthly Usage - NGRID will send first months usage.	
	F4	NGRID	810 - Invoice	N/A	Invoice - NGRID will send first months invoice.	
	F6	NGRID	867MU - Monthly Usage	N/A	Monthly Usage - NGRID will send cancel monthly usage.	
	F6	NGRID	810 - Invoice	N/A	Invoice - NGRID will send cancel monthly invoice.	
	F6	NGRID	867MU - Monthly Usage	N/A	Monthly Usage - NGRID will send restate of monthly usage.	
	F6	NGRID	810 - Invoice	N/A	Invoice - NGRID will send rebill of monthly invoice.	

Scenario #7

					Commodity:	GAS
					NGRID Acct#:	5133000777
					Supplier Acct#:	
					Name:	CUSTOMER 7
Scenario Description:	**Supplier sends an enrollment request. NGRID accepts the enrollment. NGRID sends first months usage and invoice. NGRID sends remittance detail information.**				**LDC**	**Boston Gas (006951586)**
					Billing Option:	LDC - Rate Ready Consolidated Billing
					Meter Type:	

Test Date	Frame	Supplier/NGRID	Transaction	Web Portal Screen	Description of Frame	Status/Results
	F1	Supplier	814E - Enrollment Request	N/A	Enrollment Request- Create and send enrollment request with rate ready consolidated billing.	
	F2	NGRID	814E - Enrollment Response	N/A	Enrollment Response - NGRID will send a 814E Enrollment Response noting the customer has been enrolled.	
	F4	NGRID	867MU - Monthly Usage	N/A	Monthly Usage - NGRID will send a 867MU for monthly usage.	
	F4	NGRID	810 - Invoice	N/A	Invoice - NGRID will send first months invoice.	
	F6	NGRID	820 - Payment / Remittance	N/A	Remittance Detail - NGRID will send remittance detail.	

Scenario #8

					Commodity:	GAS
					NGRID Acct#:	5133000888
					Supplier Acct#:	
Scenario Description:	**Supplier requests Historical Usage. NGRID sends Historical Usage (867HU) to Supplier.**				Name:	CUSTOMER 8
					LDC	**Boston Gas (006951586)**
					Billing Option:	LDC - Rate Ready Consolidated Billing
					Meter Type:	

Test Date	*Frame*	*Supplier/NGRID*	*Transaction*	*Web Portal Screen*	*Description of Frame*	Status/Results
	F1	Supplier	814HU - Historical Usage Request	N/A	Historical Usage Request - Create and send historical usage request file.	
	F2	NGRID	867HU - Historical Usage	N/A	NGRID will send Historical Usage file.	

Scenario #9

					Commodity:	GAS
					NGRID Acct#:	5133000999
					Supplier Acct#:	
Scenario Description:	**Supplier requests Historical Usage. NGRID rejects Historical Usage request due to invalid LDC Account Number.**				Name:	CUSTOMER 9
					LDC	**Boston Gas (006951586)**
					Billing Option:	LDC - Rate Ready Consolidated Billing
					Meter Type:	

Test Date	*Frame*	*Supplier/NGRID*	*Transaction*	*Web Portal Screen*	*Description of Frame*	Status/Results
	F1	Supplier	814HU - Historical Usage Request	N/A	Historical Usage Request - Create and send historical usage request file.	
	F2	NGRID	814H - Historical Usage Response	N/A	Historical Usage Response - NGRID will send a Historical Usage reject file due to invalid LDC Account Number.	

Scenario #10

					Commodity:	GAS
					NGRID Acct#:	5133001010
					Supplier Acct#:	
Scenario Description:	**Supplier sends an enrollment request. NGRID accepts the enrollment. NGRID sends change of LDC account number. Supplier sends change response accepting change.**				Name:	CUSTOMER 10
					LDC	**Colonial Gas (006954903)**
					Billing Option:	DUAL
					Meter Type:	

Test Date	*Frame*	*Supplier/NGRID*	*Transaction*	*Web Portal Screen*	*Description of Frame*	Status/Results
	F1	Supplier	814E - Enrollment Request	N/A	Enrollment Request - Supplier creates and sends 814E Enrollment Request for Dual Billing.	
	F2	NGRID	814E - Enrollment Response	N/A	Enrollment Response - NGRID will send a 814E Enrollment Response noting the customer has been enrolled.	
	F4	NGRID	814C -Change Request	N/A	NGRID sends change request changing LDC account number	
	F5	Supplier	814C- Change Response	N/A	Change Response from Supplier - accepting change request	