

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 Rhode Island Gas Integration Test Plan

Client Name:	Supplier
Bill Option:	DUAL
Transaction Types:	814, 867, 824
State/Trading Partners:	NGRID RIGAS
Revision Date:	07/28/2011

Scenario #1

Scenario Description:	Supplier sends an enrollment request. NGRID accepts the enrollment. Supplier requests an ESP account number change. NGRID accepts and the account number is changed. NGRID sends first months usage.	Commodity:	GAS			
		NGRID Acct#:	9876541111			
		Supplier Acct#:				
		Name:	Customer One			
		Eff. Date:				
		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 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 sends a 814C Change Response accepting the change to the ESP Account Number.	
	F6	NGRID	867MU - Monthly Usage	N/A	Monthly Usage - NGRID sends first months usage to Supplier	

Scenario #2

Scenario Description:	Supplier sends an enrollment request. The customers account number does not exist in the NGRID's database, NGRID rejects the enrollment.	Commodity:	GAS			
		NGRID Acct#:	9876542222			
		Supplier Acct#:				
		Name:	Customer Two			
		Eff. Date:				
		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. The account number does not exist in NGRID's database.	
	F2	NGRID	814E - Enrollment Response	N/A	Enrollment Response - NGRID sends a 814E Enrollment Response noting the customer has been rejected due to an invalid LDC account number-A76.	

Scenario #3

Scenario Description:	Supplier sends an enrollment request. NGRID accepts the enrollment. Supplier then drops the customer. NGRID accepts the drop.				Commodity:	GAS
					NGRID Acct#:	9876543333
					Supplier Acct#:	
					Name:	Customer Three
					Eff. Date:	
					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 sends 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 sends a 814D Drop Response accepting the drop.	

Scenario #4

Scenario Description:	Supplier sends an enrollment request. NGRID accepts the enrollment. Supplier then drops the customer. NGRID rejects the drop.				Commodity:	GAS
					NGRID Acct#:	9876544444
					Supplier Acct#:	
					Name:	Customer Four
					Eff. Date:	
					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 sends 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 account not found - A76	

Scenario #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.				Commodity:	GAS
					NGRID Acct#:	9876545555
					Supplier Acct#:	
					Name:	Customer Five
					Eff. Date:	
					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 sends a 814E Enrollment Response noting the customer has been enrolled.	
	F4	NGRID	814D - Drop Request	N/A	Drop Request from NGRID - NGRID requests drop	
	F5	Supplier	814D - Drop Response	N/A	Drop Response from Supplier - accepting drop request	
	F6	NGRID	867MU - Monthly Usage	N/A	Monthly Usage - NGRID sends final months usage.	
Scenario #6						
Scenario Description:	Supplier sends an enrollment request. NGRID accepts the enrollment. NGRID sends first months usage. NGRID sends cancel and restatement of monthly usage.				Commodity:	GAS
					NGRID Acct#:	9876546666
					Supplier Acct#:	
					Name:	Customer Six
					Eff. Date:	
					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 sends a 814E Enrollment Response noting the customer has been enrolled.	
	F4	NGRID	867MU - Monthly Usage	N/A	Monthly Usage - NGRID sends first months usage.	
	F6	NGRID	867MU - Monthly Usage	N/A	Monthly Usage - NGRID will send cancel monthly usage.	
	F6	NGRID	867MU - Monthly Usage	N/A	Monthly Usage - NGRID will send restate monthly usage.	

Scenario #7

<i>Scenario Description:</i>	Supplier sends an enrollment request. NGRID accepts the enrollment. NGRID sends first months usage with invalid LDC Account Number. Supplier rejects usage with an 824 due to invalid LDC Account Number				<i>Commodity:</i>	GAS
					<i>NGRID Acct#:</i>	9876547777
					<i>Supplier Acct#:</i>	
					<i>Name:</i>	Customer Seven
					<i>Eff. Date:</i>	
					<i>Billing Option:</i>	DUAL
<i>Meter Type:</i>						
<i>Test Date</i>	<i>Frame</i>	<i>Supplier/NGRID</i>	<i>Transaction</i>	<i>Web Portal Screen</i>	<i>Description of Frame</i>	<i>Status/Results</i>
	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 sends a 814E Enrollment Response noting the customer has been enrolled.	
	F4	NGRID	867MU - Monthly Usage	N/A	Monthly Usage - NGRID sends a 867MU for monthly usage with invalid LDC Account Number	
	F5	Supplier	824 - Application Advice	N/A	Supplier will send 824 rejecting Monthly Usage due to invalid LDC Account Number-A76.	Verify correct Originating Transaction ID is sent

Scenario #8

<i>Scenario Description:</i>	Supplier requests Historical Usage. NGRID sends Historical Usage (867HU) to Supplier.				<i>Commodity:</i>	GAS
					<i>NGRID Acct#:</i>	9876548888
					<i>Supplier Acct#:</i>	
					<i>Name:</i>	Customer Eight
					<i>Eff. Date:</i>	
					<i>Billing Option:</i>	DUAL
<i>Meter Type:</i>						
<i>Test Date</i>	<i>Frame</i>	<i>Supplier/NGRID</i>	<i>Transaction</i>	<i>Web Portal Screen</i>	<i>Description of Frame</i>	<i>Status/Results</i>
	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 sends 867HU file.	

Scenario #9

<i>Scenario Description:</i>	Supplier requests Historical Usage. NGRID rejects Historical Usage request due to invalid LDC Account Number.				<i>Commodity:</i>	GAS
					<i>NGRID Acct#:</i>	9876549999
					<i>Supplier Acct#:</i>	
					<i>Name:</i>	Customer Nine
					<i>Eff. Date:</i>	
					<i>Billing Option:</i>	DUAL
					<i>Meter Type:</i>	
<i>Test Date</i>	<i>Frame</i>	<i>Supplier/NGRID</i>	<i>Transaction</i>	<i>Web Portal Screen</i>	<i>Description of Frame</i>	<i>Status/Results</i>
	F1	Supplier	814HU - Historical Usage Request	N/A	Historical Usage Request - Create and send historical usage request file.	
	F2	NGRID	814HU - Historical Usage Response	N/A	Historical Usage Response - NGRID sends an HU response rejection due to invalid LDC Account Number-A76.	

Scenario #10

<i>Scenario Description:</i>	Supplier enrolls a customer. NGRID accepts the enrollment. NGRID sends change of LDC account number. Supplier sends change response accepting change.				<i>Commodity:</i>	GAS
					<i>NGRID Acct#:</i>	9876541010
					<i>Supplier Acct#:</i>	
					<i>Name:</i>	Customer Ten
					<i>Eff. Date:</i>	
					<i>Billing Option:</i>	DUAL
					<i>Meter Type:</i>	
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 sends a 814E Enrollment Response noting the customer has been enrolled.	
	F4	NGRID	814C - Change Request	N/A	NGRID sends a change request to change the LDC account number	

Scenario	814E	814SE	814CS	814CL	814CC	814DS	814DR	814DC	814ER	814H	867H	867MU
1	X	X	X		X							X
2	X								X			
3	X	X				X	X					
4	X	X				X			X			
5	X	X					X	X				X
6	X	X										X
7	X	X										X
8										X	X	
9									X	X		
10	X	X		X	X							

X