



Nominations and Scheduling

Understanding the Scheduling Process

2nd Annual Shipper Meeting

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Manager Transportation Scheduling



Nomination Cycles



Before the Gas Day	During the Gas Day
<p>Timely</p> <ul style="list-style-type: none"> • 11:30 AM – Nominations Due • 12:00-3:30 PM – Confirmations Done • 4:30 PM – Scheduled Qtys Posted • 9:00 AM (Next Day) – Gas Flow Begins 	<p>Intraday 1 (ID1)</p> <ul style="list-style-type: none"> • 10:00 AM – Nominations Due • 10:30-1:00 PM – Confirmations Done • 2:00 PM – Scheduled Qtys Posted • 5:00 PM – Gas Flow Begins
<p>Evening</p> <ul style="list-style-type: none"> • 6:00 PM – Nominations Due • 6:30-9:00 PM – Confirmations Done • 10:00 PM – Scheduled Qtys Posted • 9:00 AM (Next Day) – Gas Flow Begins 	<p>Intraday 2 (ID2) *</p> <ul style="list-style-type: none"> • 5:00 PM – Nominations Due • 5:30-8:00 PM – Confirmations Done • 9:00 PM – Scheduled Qtys Posted • 9:00 PM – Gas Flow Begins <p>* Option now available beyond ID2 cycle</p>





- ID2+ Nominations:
 - Allows Shippers to balance their transportation agreements during the current Gas Day
 - Must be submitted within 3 business days after the Gas Day
 - Must be confirmed by all affected parties
 - CGT must determine if the nomination is operationally feasible
 - It would be helpful to notify gas control so upstream flows can be adjusted if needed
- ID2+ procedures posted on CGT's Internet Website
 - Currently implemented as an adjustment to the ID2 scheduled quantity
 - Shipper is not guaranteed that ID2+ nominations will be scheduled
 - It is particularly important to make sure forecasted demand has an equal quantity of supply by the ID2 deadline. ID2+ may be available to balance, particularly within the gas day

Non-Pathed Nominating



- CGT's reticulated system makes use of non-pathed nominations
- Non-Pathing is accomplished by:
 - Entering receipt nominations separate from delivery nominations
 - Receipts and Deliveries in balance before submitting nomination
 - Receipt and Delivery capacity is assessed separately and allocated as necessary
 - Any confirmation reduction made by Pipeline is accomplished by using receipt or delivery schedule ranks

Nominations – Helpful Hints



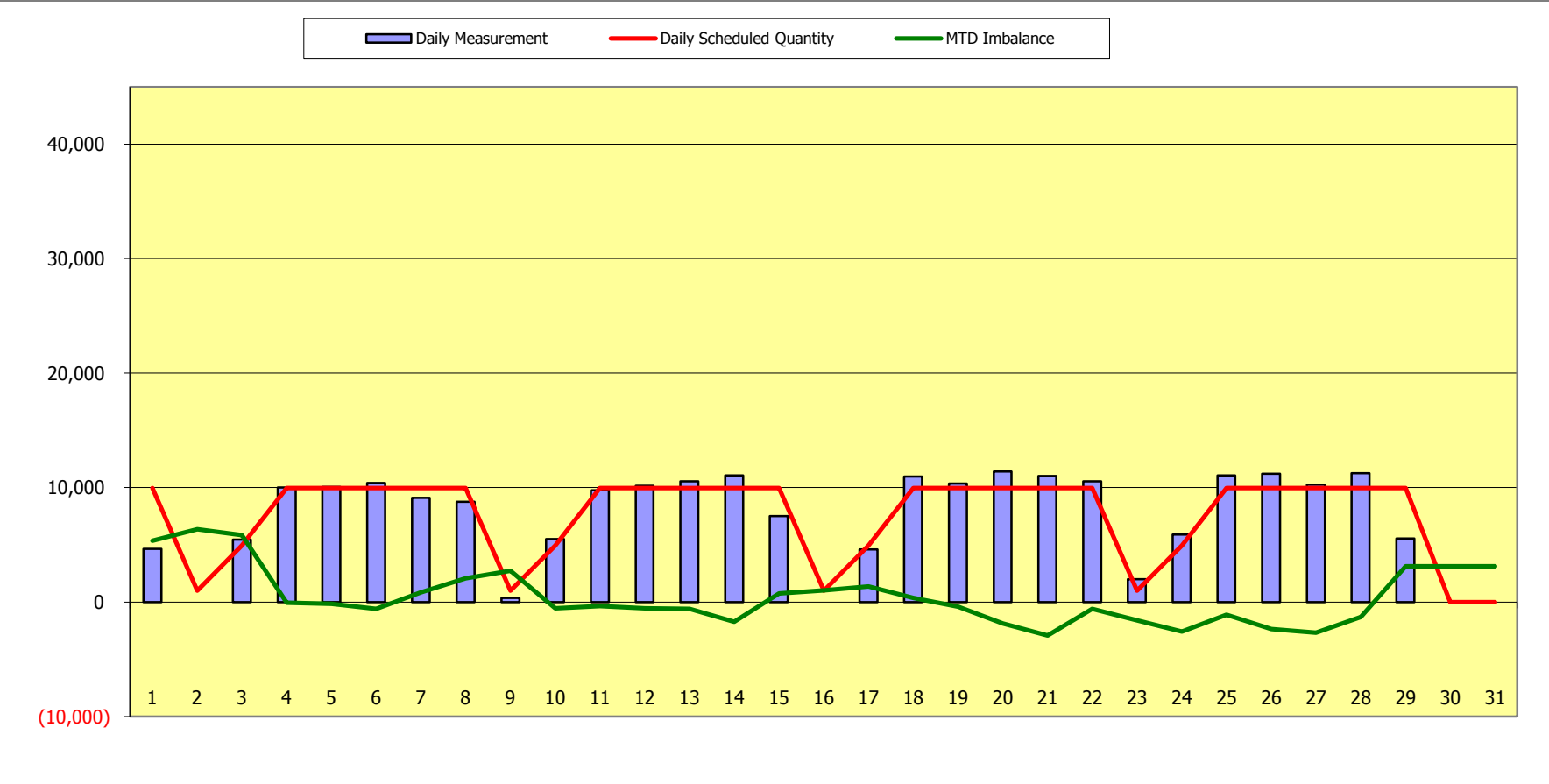
- Be sure that the end date is correct
 - To submit a nomination for an entire month, the end date should be the first day of the next month
- Receipts must be within 5 Dt of the delivery quantity + fuel
 - A fuel calculator is available on the Nomination Create screen
- FT nominations above MDTQ are not accepted
- Nominate make up due shipper/CGT to help resolve month to date imbalances

Nominations – Helpful Hints

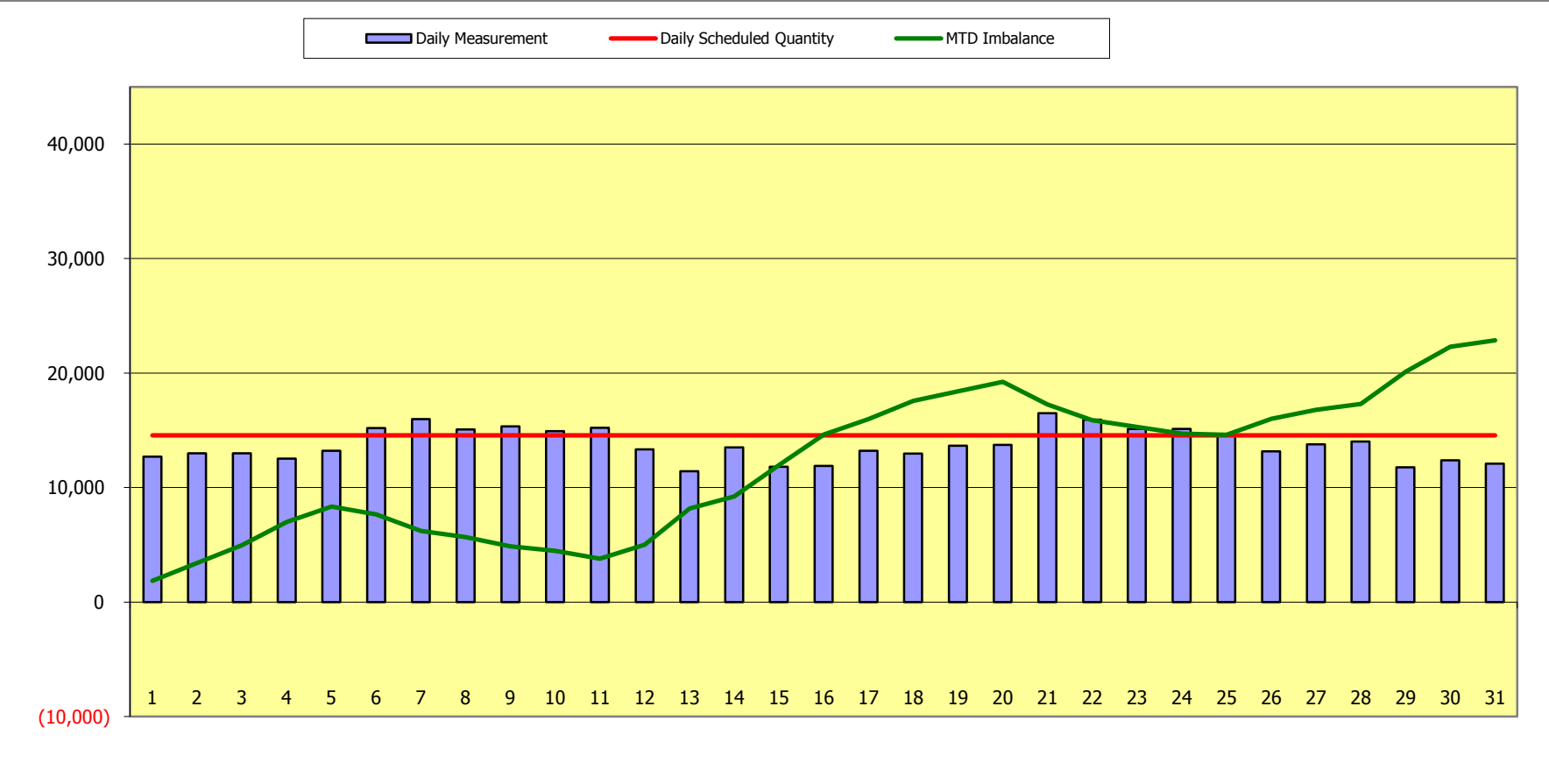


- Daily nomination vs. Monthly average nomination
 - Shippers are encouraged to nominate supply equal to forecasted demand on a daily basis and make adjustments as needs change
 - This will help reduce the risk of OFO's
- What if my needs change within the day?
 - Intraday cycles and ID2+ are helpful tools
- If you have individual questions related to scheduling screens, contact your account manager

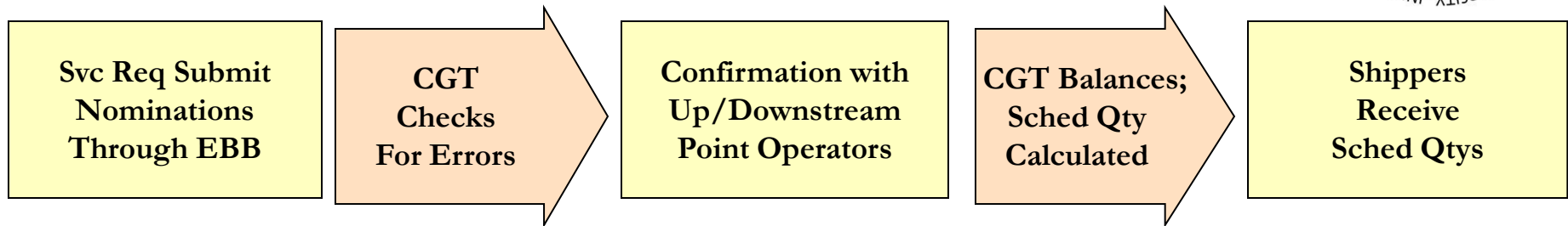
Daily Nomination



Monthly Average Nomination



Scheduling Process

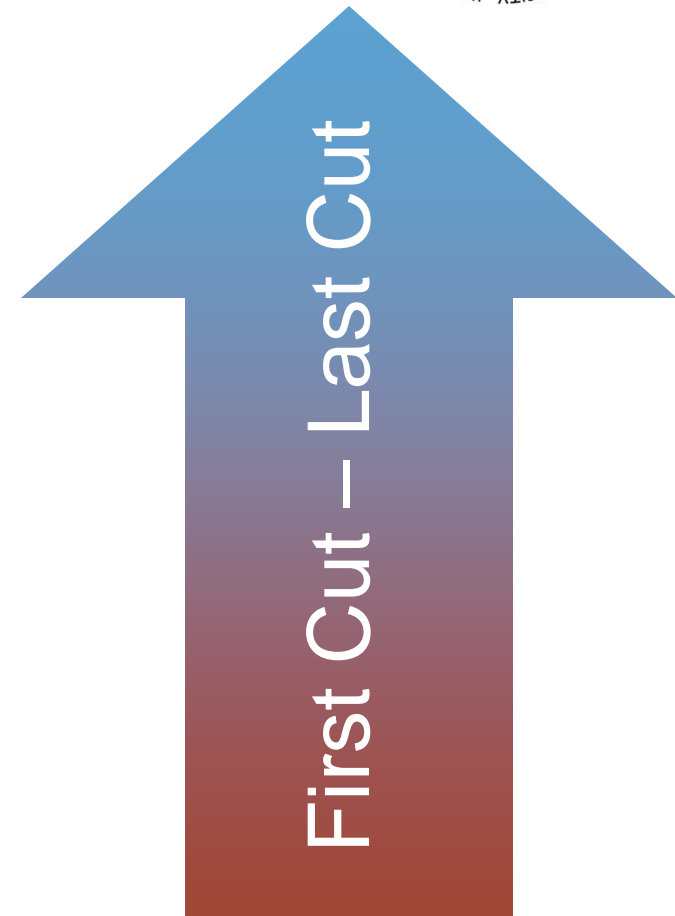


- **Process:**
 - Nominate: Service Requestor submits request
 - Confirm: Upstream & Downstream Point Operators
 - Schedule: CGT confirms capacity, transactions are balanced, scheduled quantities reported
- **Pipeline compares nominations to operational capacity during confirmation process**
 - Any capacity allocations will be done in accordance with the tariff
 - Service type will determine the scheduling priority
- **Contracts scheduled in balance**
 - Coordination with upstream pipelines

Scheduling Priorities



- Primary Firm Volumes
 - Cuts made on a Pro-Rata basis
- Secondary Firm Volumes
 - Cuts made on a Pro-Rata basis
- Interruptible Volumes
 - Cuts made on a Pro-Rata basis
- Discounted Interruptible Volumes
 - Cuts made based on rate





- Active vs. Passive
 - Active Confirmations
 - If “active” confirmations are selected, the point operator must actively confirm any nomination requesting an increase in flow
 - Passive Confirmations
 - If “passive” confirmations are selected, CGT will schedule the lower of:
 1. previously scheduled quantity; or
 2. current nomination
 - Passive confirmation is the default election

Pre-Determined Allocations (PDAs)



- The Pre-Determined Allocation (PDA) is selected solely by the Point Operator to determine how the metered flow will be allocated at a delivery point
- At all virtual points, no election is made
 - Virtual points have no measurement, therefore what is scheduled is allocated
- Allocation variances will reside at the delivery point level



- **Ranked** – lowest rank is allocated first, then next lowest
- **Pro-rata** – based on scheduled quantities (Default)
- **Percentage** – similar to pro-rata, except weighted by provided percentages that must equal 100%
- **Swing** – one contract is designated to take the “swing,” all other contracts are kept whole to scheduled quantities
- **Operator Provided Value (OPV)** – Point Operator allocates the gas such that the total allocation matches the meter flow



- PDA elections can impact Shipper imbalances
 - Separate PDA methodologies can be selected for both “high” and “low” burn situations
- PDA election may be modified within 48 hours after the gas day
 - Election made through Internet Website
- For OFO calculation purposes, the PDA in place on the date of gas flow will be used to assess any resulting penalties

PDA Examples



- Pro-rata

		Actual Flow = 12,000 dt	Actual Flow = 8,000 dt
Shipper	Scheduled Quantity	Allocated Delivery	Allocated Delivery
A	2,000	2,400	1,600
B	5,000	6,000	4,000
C	3,000	3,600	2,400
Total	10,000	12,000	8,000

- Rank

			Actual Flow = 12,000 dt	Actual Flow = 4,000 dt
Shipper	Rank	Scheduled Quantity	Allocated Delivery	Allocated Delivery
A	1	2,000	2,000	2,000
B	2	5,000	5,000	2,000
C	3	3,000	5,000	0
		10,000	12,000	4,000

PDA Examples



- Percentage

			Actual Flow = 12,000 dt	Actual Flow = 8,000 dt
Shipper	%	Scheduled Quantity	Allocated Delivery	Allocated Delivery
A	40%	2,000	2,800	1,200
B	10%	5,000	5,200	4,800
C	50%	3,000	4,000	2,000
		10,000	12,000	8,000

- Swing

			Actual Flow = 12,000 dt	Actual Flow = 8,000 dt
Shipper	Swing	Scheduled Quantity	Allocated Delivery	Allocated Delivery
A		2,000	2,000	2,000
B		5,000	5,000	5,000
C	*	3,000	5,000	1,000
		10,000	12,000	8,000



- Multi Line Nominations
 - Eliminates the need to update each line
 - Adds new blank line at bottom with each line entered
 - Receipt & delivery tabs are active
 - Data entered prior to the release will continue to appear in the old format unless updated
 - Upstream contract is a required field
 - Rank should be between 1 and 999
- Nomination upload and download into Microsoft Excel
 - Upload must occur in the same standard format as it was created in as result of a download

Future Enhancements (continued)




- Uploaded nominations are validated in same manner as if entered on CGT EBB Nomination Create screen
- Enhanced Nomination Summary
 - Ability to drill down through the nomination to identify any changes made by day and cycle
- Enhanced Error Messages
 - Error message box can be kept visible as data is corrected
 - Error messages include both business rules and NAESB requirements
 - Many error messages will include cross referenced numbers associated to the error
 - Error may be on Receipt or Delivery tab





- Other Changes
 - Protected Quantity (EPSQ) Override
 - ID1 and ID2 Nomination cycles will open after the previous cycle is scheduled
 - ID2+ Nominations can now be entered on the EBB
 - All previous requirements continue to apply
 - Nomination and Confirmation Sub Cycle Indicators are active

Multi Line Nominations



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Nomination Create

TSP

TSP Name

Beginning Date

Beginning Time

Service Requester

Service Requester Name

Ending Date

Ending Time

Service Requester Contract

Model Type
Non-Pathed Model

Click here for rate calculator

Delete
Save Draft
Validate


5 Records Returned

Receipt
Delivery

Remove Line	Rec Loc	Rec Loc Prop	Rec Loc Name	Up ID	Up K	Rec Qty	Rec Rank	Up Pl
<input type="checkbox"/>	<input type="text" value="487599"/>	<input type="text" value="10001"/>	<input type="text" value="SNG - Aiken Receipt Point"/>	<input type="text"/>	<input type="text" value="FSNG1234"/>	<input type="text" value="20,000"/>	<input type="text" value="1"/>	<input type="text"/>
<input type="checkbox"/>	<input type="text" value="487623"/>	<input type="text" value="10002"/>	<input type="text" value="Transco - Grover Receipt"/>	<input type="text"/>	<input type="text" value="9077777"/>	<input type="text" value="10,000"/>	<input type="text" value="99"/>	<input type="text"/>
<input type="checkbox"/>	<input type="text" value="487599"/>	<input type="text" value="10001"/>	<input type="text" value="SNG - Aiken Receipt Point"/>	<input type="text"/>	<input type="text" value="FSNG9876"/>	<input type="text" value="3,000"/>	<input type="text" value="10"/>	<input type="text"/>
<input type="checkbox"/>	<input type="text" value="487623"/>	<input type="text" value="10002"/>	<input type="text" value="Transco - Grover Receipt"/>	<input type="text"/>	<input type="text" value="9088888"/>	<input type="text" value="2,000"/>	<input type="text" value="5"/>	<input type="text"/>
<input type="checkbox"/>	<input type="text" value="487595"/>	<input type="text" value="10004"/>	<input type="text" value="SLNG - Elba Island Receipt"/>	<input type="text"/>	<input type="text" value="PLNG1234"/>	<input type="text" value="4000"/>	<input type="text" value="2"/>	<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Done
Local intranet

Multi Line Nominations



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Nomination Create

TSP
13-713-9213

TSP Name
Carolina Gas Transmissior

Beginning Date
9/18/2008

Beginning Time
Timely

Service Requester
11-239-6987

Service Requester Name
XYZ Manufacturing

Ending Date
9/19/2008

Ending Time
9:00 AM

Service Requester Contract
FT99999

Model Type
Non-Pathed Model

[Click here for rate calculator](#)

Delete | Save Draft | Validate


3 Records Returned

Receipt
Delivery

Remove Line	Del Loc	Del Loc Prop	Del Loc Name	Dn ID	Dn K	Del Qty	Del Rank	Dn Pl
<input type="checkbox"/>	123456	27555	XYZ Manufacturing			10,000	1	
<input type="checkbox"/>	487507	95002	SCE&G - Columbia Area Pr			5,000	99	
<input type="checkbox"/>	487494	95003	SCE&G - Florence Area Pr			200	2	
<input type="checkbox"/>								
Totals:						15,200		

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Nomination Create

TSP
13-713-9213

Service Requester
11-239-6987

Service Requester Cont
FT99999

[Click here for rate c](#)

TSP Name
Carolina Gas Transmissior

Beginning Date
9/18/2008

Beginning Time
Timely

There was a pro
errors!

3 Records Returned

Receipt
Delivery

Remove Line	D	D	D	D	Dn ID	Dn K	Del Qty	Del Rank	Dn Pl
<input type="checkbox"/>	123456						10,000	1	
<input type="checkbox"/>	487507	▼	95002	▼	SCE&G - Columbia Area P	▼	5,000	99	
<input type="checkbox"/>	487494	▼	95003	▼	SCE&G - Florence Area P	▼	200		
<input type="checkbox"/>		▼		▼		▼			
Totals:							15,200		

Error
✕

Business Rule Messages

Invalid Nomination line item.

1 - Nomination line item must include an upstream contract identifier.

NAESB Messages

Error ENMQR310 : Invalid nomination Beginning/Ending Date/Time

Error ENMQR315 : Time Stamp is outside of acceptable range.

Error ENMQR571 : Contract is out of balance

Delete
Save Draft
Validate

Window for a list of validation

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Nomination Create

TSP
13-713-9213

TSP Name
Carolina Gas Transmissior

Beginning Date
9/18/2008

Beginning Time
Timely

Service Requester
11-239-6987

Service Requester Name
XYZ Manufacturing

Ending Date
9/19/2008

Ending Time
9:00 AM

Service Requester Contract
FT99999

Model Type
Non-Pathed Model

[Click here for rate calculator](#)



There was a problem executing your event. Please review the error window for a list of validation errors!

Delete Save Draft Validate

5 Records Returned

Receipt
Delivery

Remove Line	Rec Loc	Rec Loc Prop	Rec Loc Name	Up ID	Up K	Rec Qty	Rec Rank	Up Pl
<input type="checkbox"/>	487599	10001	SNG - Aiken Receipt Point			20,000	1	
<input type="checkbox"/>	487623	10002	Transco - Grover Receipt		9077777	10,000	99	
<input type="checkbox"/>	487599	10001	SNG - Aiken Receipt Point		FSNG9876	3,000	10	
<input type="checkbox"/>	487623	10002	Transco - Grover Receipt	EPAN_CUR	9088888	2,000	5	
<input type="checkbox"/>	487595	10004	SLNG - Elba Island Receipt		PLNG1234	4,000	2	

Contact Information



	Office	Mobile
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Questions?

