



DART Integration – Confirmation Allocations and Reporting

June 5, 2013

WEBEX





Welcome

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Eastern Pipelines, KM





Opening Remarks

Wesley Lui
Transportation/Storage Services
Tennessee Gas Pipeline



Good afternoon. Welcome again

My name is Wesley Lui. I am the scheduler for TGP.

Today I am going to present some of the exciting tops related to confirmation, allocations and reports.

The phone will be muted during the presentation.

After the presentation, the line will be opened for questions and comments

Agenda

- General Navigation
- Confirmation
 - Maintain Confirmation By Exception
 - Confirmation by Operator
 - Confirmation by UDP (Up/Down Parties)
- Pre-determined Allocation Rules (PDAs)
- Scheduled Quantity
- Measurement
 - Measurement
 - Real time flow data
- Flowing Gas (Allocations)
- Central Delivery Point (CDP)
- Report Subscriptions
- Email Notifications
- Questions and comments



I would like to begin by going through the agenda

The agenda is :

General navigation ,

Confirmation. Under confirmation:

maintain confirmation by exception.

Confirmation by operator

Confirmation by UDP

pre-determined allocation rules or pda,

review schedule quantity by operator and UDP.

measurement and real time flow data

Flowing gas and Allocations,

Central Delivery Point or (CDP)

Report subscriptions

Email notifications

Questions and comments

General Navigation



- Set up screens to Favorites list
- Right mouse click on any screens
- select “Add to Favorites” from the pop up window

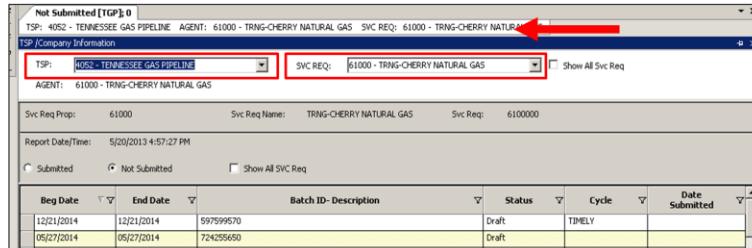


For those who did not have a chance to attend our general navigation presentation on May 22, I would like to go over 2 very useful features

One of the feature is to add the screens that you frequently use to the favorite list. Every time when you login to DART, you can go the favorites to have easy access to your screens.

To add to the favorite list, on any given screen just right mouse click and select the add to favorite option from the pop up window.

General Navigation



- Click on the title area of the screen
 - Lists the current TSP and service requester (SVC REQ)
- “TSP” – click the drop down box to select a different TSP
- “SVC REQ” – customers with agency agreements
 - click the drop down box to select a different service requester



Another helpful feature in Dart is that if you are the user that nominate or confirm on different pipelines within the Kinder Morgan family. For example TGP and NGPL. This feature will allow you to switch pipeline with ease.

Click or hover over the title area of the screen. The title area is the white bar on top of each screen. The title screen will expand. It will display the TSP or the pipeline that you are working on. just click the drop down box to select a different pipeline

The SVC Req box will list all the customers that you have agency agreements. To work on another customer, click the drop down box and select a different service requester.

There are many other helpful features in DART. I would strongly encourage you to review the May 22 Webex presentation. The presentation is posted on the TGP portal page

Confirmation

The next item is confirmation

Confirmation

- There are three methods of confirmation
 - EDI process for confirmation - confirmation through Electronic Data Interchange
 - TPA/TPW agreement in place
 - Parties that selected EDI confirmation will not be able to manually confirm online
 - Confirmation By Exception (Auto Confirmation) – TSP will confirm the parties and volumes automatically
 - Online Confirmation – operators will login to DART to confirm the parties and volumes



Just like today, there are three methods of confirmation.

First, EDI confirmation - it is for parties that have the TPA and TPW agreements in place. The confirmation will be conducted through the electronic data interchange process. For EDI confirming party, you will be able to view but will not be able to confirm manually on line. In the event that there are issues related to the EDI process, you will need to call your representative and we will confirm the activities for you internally.

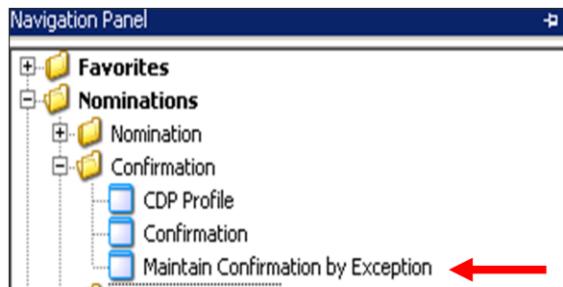
Second method is Confirmation by Exception or it is better known as auto confirmation. TGP will confirm the volumes and parties automatically.

The third method is On line confirmation. The operator will login to DART to confirm the parties and volumes.

Confirmation by exception

For **non EDI PIN operators** you can choose to auto confirm or NOT AUTO Confirm for various nomination cycles within a gas day.
For UDP or (the up/down party) the confirmation is set to be Auto confirmed or CBE.

Confirmation – Maintain Confirmation By Exception



- The screen allows the PIN operator to set CBE (auto-confirmation) for various nomination cycles
 - UDP (Up/Down party) is set to be auto-confirmed



Assuming that you can successfully login to DART.

To make the selection between auto confirmation or manual confirmation. Go the navigation panel.

Click the nominations folder

Click confirmation and select Maintain Confirmation by Exception

Confirmation – Maintain Confirmation By Exception

Point	Name	Cust Id	Customer	Role	Auto Confirm Indicator							
					Eff From	Eff Thru	Timely	Evening	ITRD1	ITRD2	Hourly	Auto Match
41801	WC VAR/TGP WEST CAMERON 616	61000	TRNG-CHERRY NATURAL GAS	OPR	04/19/2013	12/31/2049	Y	Y	Y	Y	Y	Y
418012	WC VAR/TGP WEST CAMERON 616	61000	TRNG-CHERRY NATURAL GAS	UDP	04/19/2013	12/31/2049						
418012	WC VAR/TGP WEST CAMERON 616	63000	TRNG-ELM GAS PRODUCTS	UDP	04/19/2013	12/31/2049						
418012	WC VAR/TGP WEST CAMERON 616	15004	HESS CORP	UDP	04/24/2013	12/31/2049						

Retrieve Clear
 Set all Operator Points
 Change Item
 Print Inquire item
 Save As Add to Favorites
 Remove from Favorites

- Enter Pin in the “Point” field , “Flow Date” and “Thru” date. Click the “Retrieve” button
 - DART will retrieve the CBE effective for the date range specified
 - In the “Role” column - “OPR” indicates PIN operator and “UDP” indicates Up/Down parties
 - “Y” indicates the cycle is CBE (auto-confirmed).
 - “N” indicates the cycle is not CBE (not auto-confirmed)
- To make any changes for “OPR” role, click the gray box on the left of the record
 - UDPs are set to be auto-confirmed
- Right mouse click and select “Change Item”



Enter the Pin in the POINT field, enter the flow date and thru date and click retrieve. Dart will display the CBE or auto confirmation effective for the date range you specified.

There are several items that I want to bring your attention to.

In the Role column, there will be either a OPR or UPD indicator.

“OPR” indicates PIN operator whereas UDP indicates up/down parties for the PIN

For the OPR role either a “Y” or “N” indicator will populate in each cycle. The “Y” shows the cycle is auto confirmed. “N” indicates the cycle is not auto confirmed.

For UDPs - all cycles are auto confirmed. Therefore, there will not be any indicator.

If you are not a confirming party to the Pin. You can view the operator and the UPDs but you will not be able to view the CBE indicators

To make any change for the OPR role. Click the gray box on the left of the record.

Right mouse click and select change item from the pop up window.

Confirmation – Maintain Confirmation By Exception

The screenshot shows a software interface titled "Maintain Confirmation". At the top, it displays "TSP: 4052 - TENNESSEE GAS PIPELINE AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS". Below this, there's a table with columns: Point, Name, Cost Id, Customer, Rule, Eff From, Eff Thru, Timely, Evening, ITRD1, ITRD2, Hourly, and Auto Match. Two rows are visible: one for "418012 WC VAR/TGP WEST CAMERON 61000 TRNG-CHERRY NATURAL GAS OPR 04/19/2013 12/31/2049" and another for "418012 WC VAR/TGP WEST CAMERON 61000 TRNG-CHERRY NATURAL GAS UGP 04/19/2013 12/31/2049". Below the table, there's a "Change Items" section with fields for Point, Company, Role, Eff Start Date, Eff End Date, Last Mod User Id, and Last Mod Date. On the right, a modal dialog titled "Auto Confirm Indicator" is open, containing checkboxes for "Timely", "Evening", "ITRD1", "ITRD2", and "Hourly", along with a "Set All to Y/N" option. A red arrow points to the "Save" button in this dialog.

- Check the cycle(s) that you want to make the change
 - Checking the “Auto-Confirm indicator” will enable the CBE (auto confirm)
 - Unchecking the “Auto Confirm Indicator” will disable the CBE (auto confirm)
- Click the “Save” button
- The confirmation process will be changed as of the current date/time



A selection window will open to allow you to make the change.

A check next to the cycle will enable the Auto confirm.

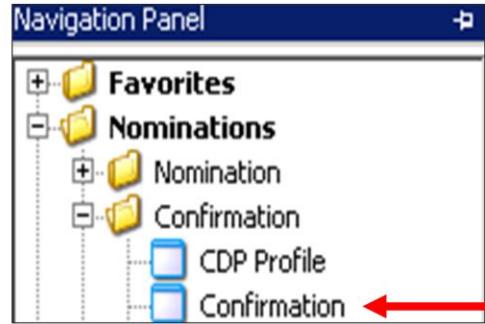
Uncheck to the cycle will disable the auto confirm.

Make the selection.

Click save.

The confirmation process will be changed as of the current date time.

Confirmation



- Operators and UDPs will not be able to “lock in” the confirmed volumes for the current and future gas day(s)



After you have chosen the method of confirmation, the next process to be explored is confirmation.

Before I go in to the details for confirmation, I would like to point one difference between the current system and DART in the confirmation process.

For DART , Operators and UDPs will not be able to “lock in” your confirmed volumes for the current and future gas day(s)

First I will demonstrate how to confirm by PIN Operator.

and next I will go over the confirmation by UDP.

The process is very similar. The main difference is the data element.

To go to the confirmation screen, go to nominations folder, click Confirmation click confirmation again.

Confirmation

Confirmation Details

Conf Req Prop:	4052	Conf Req Name:	TENNESSEE GAS PIPELINE	Conf Req ID:	1939164					
Conf Pty Prop:	61000	Conf Pty Name:	TRNG-CHERRY NATURAL GAS	Conf Pty:	6100000					
Report Date/Time:	5/2/2013 5:33:31 PM	Flow Date:	5/3/2013	Confirm LDC Location	Retrieve					
Cycle:	EVENING	Needs Confirmation								
* Scheduled Quantities are subject to change until the NAESB Scheduled Quantities deadline of each Cycle										
Loc Prop	Loc Name	Loc	Direction Flow	Prior Cycle Scheduled	Current CY Nominate	Net Change	Needs Conf	Confirmed	Current Sched	Role
► 418012	WC VAR/TGP WEST CAME	0	Source	8,400	8,400	0	N	6,400	6,400	OPR
418012	WC VAR/TGP WEST CAME	0	Source	0	8,400	8,400	N	6,000	6,400	UDP

- Enter the "Flow Date" and "Cycle". Click the "Retrieve" button
- The screen will populate with PINs for which the user is the designated confirmation party
 - Both Operator (OPR) and/or UDP (upstream/downstream party) will show in the "Role" column
- The "Need Conf" column will have either "Y" or "N" indicator
 - "Y" indicates the PIN needs to be confirmed.
 - "N" indicates confirmation not needed
 - The PIN either is confirmed already
 - or the PIN is set to be auto-confirmed
- To confirm, navigate to the "NAESB Request for Confirmation/Confirmation Response" screen by
 - select the record and double click or
 - select the record and click the "Confirmation Details" button



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System will display the Confirmation List screen.

Enter the flow date and the cycle and click the retrieve button.

The screen will populate the pins that you are the designated confirmation party.

Both the OPR or UDPs will be listed in the "Role" column.

In the middle of the screen, there is a "Need Conf" column. The column will display either a "Y" or "N" indicator.

"Y" indicates the Pin need to be confirmed and "N" indicates confirmation is NOT NEEDED either because the PIN is already confirmed or the PIN is set to be Auto confirmed

To confirm, navigate to the NAESB request for confirmation/confirmation response screen (Since the screen has a very long name, I am going to refer the screen as confirmation details for this presentation)

You can do so by either

Double click the record or

select the record and click the confirmation details button on the upper left hand corner of the screen.

Confirmation - Operator

NAESB Request for Confirmation/Confirmation Response

PDA-OP:	Conf Locations:																																																													
Conf Ref Prop: 4052	Conf Ref Name: TENNESSEE GAS PIPELINE																																																													
Conf Pfy Prop: 610000	Conf Pfy Name: TRANS-CHERRY NATURAL GAS																																																													
Conf Ref: 001999164 Conf Pfy: 006100000 Report Date/Time: 5/2/2013 5:31:30																																																														
Begin Date: 5/3/2013 Beg Time: 418012 End Date: 5/3/2013 End Time: 0	Loc Name: WC VARY/TGP WEST Loc: 0																																																													
Loc Prop: Grouping: SvcReq SvcReq + Pldg ID Up/Dn Prop: NAESB WIGQ basic view	Cycle: EVENING Layout Options: Show Zeros Name Prop ID ID																																																													
<table border="1"> <thead> <tr> <th>K Flo</th> <th>Up/Dn Prop</th> <th>Up/Dn Name</th> <th>Svc Req Prop</th> <th>Svc Req Name</th> <th>Svc Req ID</th> <th>Pkg ID</th> <th>Previous Sched</th> <th>Current Nom Qty</th> <th>TSP Cnf / Sched Qty</th> <th>TSP RR Code</th> <th>Qty</th> <th>RR (Operator)</th> <th>Current Sched</th> <th>Current RA Code</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>R</td> <td>610000</td> <td>TRANS-CHERRY NATUR</td> <td>610000</td> <td>TRANS-CHERRY NATUR</td> <td>610000</td> <td></td> <td>8,000</td> <td>8,000</td> <td>8,000</td> <td>6,000</td> <td>400</td> <td>6,000</td> <td>SPR</td> <td>C</td> </tr> <tr> <td>D</td> <td>630000</td> <td>TRANS-ELM GAS PROD</td> <td>630000</td> <td>TRANS-ELM GAS PROD</td> <td>630000</td> <td>0</td> <td>400</td> <td>400</td> <td>400</td> <td>400</td> <td>400</td> <td>400</td> <td>SPR</td> <td>C</td> </tr> <tr> <td colspan="2">Total Qty:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>8,400</td> <td>8,400</td> <td>8,400</td> <td>6,400</td> <td></td> <td>6,400</td> <td></td> <td></td> </tr> </tbody> </table>		K Flo	Up/Dn Prop	Up/Dn Name	Svc Req Prop	Svc Req Name	Svc Req ID	Pkg ID	Previous Sched	Current Nom Qty	TSP Cnf / Sched Qty	TSP RR Code	Qty	RR (Operator)	Current Sched	Current RA Code	Status	R	610000	TRANS-CHERRY NATUR	610000	TRANS-CHERRY NATUR	610000		8,000	8,000	8,000	6,000	400	6,000	SPR	C	D	630000	TRANS-ELM GAS PROD	630000	TRANS-ELM GAS PROD	630000	0	400	400	400	400	400	400	SPR	C	Total Qty:							8,400	8,400	8,400	6,400		6,400		
K Flo	Up/Dn Prop	Up/Dn Name	Svc Req Prop	Svc Req Name	Svc Req ID	Pkg ID	Previous Sched	Current Nom Qty	TSP Cnf / Sched Qty	TSP RR Code	Qty	RR (Operator)	Current Sched	Current RA Code	Status																																															
R	610000	TRANS-CHERRY NATUR	610000	TRANS-CHERRY NATUR	610000		8,000	8,000	8,000	6,000	400	6,000	SPR	C																																																
D	630000	TRANS-ELM GAS PROD	630000	TRANS-ELM GAS PROD	630000	0	400	400	400	400	400	400	SPR	C																																																
Total Qty:							8,400	8,400	8,400	6,400		6,400																																																		

- “K Flo” indicates the direction of flow
- “TSP Cnf Sched Qty” – quantity scheduled as a result of the scheduling process by the pipeline
- “TSP RR” – TSP reduction reason code
- “Qty – quantity confirmed by operator
- “RR” – reduction reason code provided by the confirming party
 - Hover over the “RR” an explanation box will pop up
- “Current Sched” displays
 - Preliminary scheduled quantity before the nomination cycle is finalized
 - Final scheduled quantity when the nomination cycle is finalized
- “Status” - “c” indicates confirmed and “n” indicates not confirmed

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On the confirmation detail screen

Most of the fields are self explanatory. However, there are several fields that I would like to go over. These are fields that are outlined in RED. Starting from the left hand side of the screen.

The “K flow” indicates the direction of the flow.

R is receipt and D is delivery

The Next column is the TSP Cnf Scheduled Qty- the field shows schedule quantity as a result of the scheduling process by the pipeline.

A good example is pipeline constraint. For example, if a shipper nominated 1,000 dth and being constrained down to 400 dth. The TSP Conf Sched Qty column will show 400 dth for the shipper.

TSP RR - is the reduction code provided by the TSP.

Qty column is the data field where the confirming party enters the volumes.

RR is the reason code provided by the confirming party.

Current Sched column will show :

- Preliminary schedule volumes during the scheduling process.

- When the scheduling is finalized, the column will show the final scheduled volumes for the cycle.

Status column will have either a “C” or “N” indicator.

“C” indicates the record is confirmed and “N” indicates the record NOT confirmed

Confirmation - Operator

NAESB Request for Confirmation/Confirmation Response

PDA-OP	Conf Locations	Conf Req Name:	TENNESSEE GAS PIPELINE	Conf Req:	001999164	<input type="button" value="Confirm All Lines"/>	<input type="button" value="Confirm Selected Line"/>	<input style="background-color: red; color: white; border: none; font-weight: bold; font-size: 10pt; padding: 2px 5px; border-radius: 5px;" type="button" value="Submit"/>	<input type="button" value="Retrieve"/>	<input type="button" value="Save As"/>	<input type="button" value="Print"/>
Conf Req Prop:	4052	Conf Pty Name:	TRNG-CHERY NATURAL GAS	Conf Pty:	006100000	Beg Date:	5/3/2013	End Date:	5/3/2013	End Time:	0
Conf Pty Prop:	61000	Loc Prop:	418012	Loc Name:	IWC VAR/TGP WEST	Loc:	0	Layout Options			<input type="checkbox"/> Show Zeros <input checked="" type="checkbox"/> Name
Grouping:		<input type="radio"/> SvcReq <input type="radio"/> SvcReq + Pkg ID		Up/On Prop:		Cycle:	EVENING	<input checked="" type="checkbox"/> Prop ID <input checked="" type="checkbox"/> ID			
<input type="checkbox"/> NAESB WSGQ basic view											

K Flw	Up/On ID Prop	Up/On Name	Svc Req Prop	Svc Req Name	Svc Req ID	Pkg ID	Previous Sched	Current Num Qty	TSP Cof / Sched Qty	R.R. Code	QTY	RR Operator	Current Sched	Current RR Code	Status
R	61000	TRNG-CHERY NATUR	61000	TRNG-CHERY NATUR	6100000		8,000	8,000	8,000		6,000	CPR	6,000	CPR	C
R	63000	TRNG-ELM GAS PROD	63000	TRNG-ELM GAS PROD	0		400	400	400		400		400		C
Rcpt - Divvy NET:										8,400	8,400	8,400	1	6,400	6,400

- If operator agrees with all the volumes and parties in the "Current Sched" column and :
 - PIN is set to be auto-confirmed , there is no need for further action
 - PIN is manually confirmed , click the "Confirm All Lines" button
 - operator can also select individual lines by clicking the gray box under "K" flow and click the "Confirm Selected Line" button
- If operator does not agree to the volume(s), click the "Confirm All Lines" button and enter the all the change(s) in the "QTY" column for the cycle.
- After the volumes are confirmed, click the "Submit" button



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Review the volumes in the Current Sched column. If the operator agrees to the ALL volumes and the parties
AND

If Pin is set to be auto confirmed or (CBE) , there is no need for further action

If PIN is set to be manually confirmed, click the "Confirm ALL Lines" button on top of the screen. OR Operator can also select to confirm individual line by selecting the line and click the "Confirm Select Line" button .

IF the operator DOES Not agree to the volume(s), Click the "Confirm All Lines" button and enter the all the change(s) in the "QTY" column for the cycle.

The COLUMN IS HIGHLIGHTED IN BLUE. After the volumes are confirmed . Click the "submit" button.

After the scheduling cycle is finalized, I strongly recommended operators and UDPs to review the volumes in the "Current Sched" column to ensure no further changes arise from the scheduling process.

Confirmation – UDP (Up/Down Parties)

Confirmation List									
Confirmation Details							Actions		
Conf Req Prop:	4052	Conf Req Name:	TENNESSEE GAS PIPELINE			Conf Req:	1939164	Confirm LDC Location	Retrieve
Conf Pty Prop:	63000	Conf Pty Name:	TRIN-ELM GAS PRODUCTS			Conf Pty:		Save As	Print
Report Date/Time:	4/29/2013 12:30:56 PM	Flow Date:	5/ 3/2013						
Cycle:	TIMELY	Needs Confirmation:							
* Scheduled Quantities are subject to change until the NAESB Scheduled Quantities deadline of each Cycle									
Loc Prop	Loc Name	Loc	Direction Flow	Prior Cycle Scheduled	Current Cy Nominate	Net Change	Needs Conf	Confirmed	Current Sched *
▶ 418012	WC VAR/TGP WEST GAME	0	Source	0	400	400	N	0	400 UDP

- UDP is set to be auto confirmed
- The confirmation process is similar to confirmation by operator
- To confirm, navigate to the “NAESB Request for Confirmation/Confirmation Response” screen by
 - select the record and double click or
 - select the record and click the “Confirmation Details” button



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Next is confirmation by UDPs.

The process is similar to operator confirmation. The major difference is the data element. To confirm as UDP, again navigate to the Confirmation List screen.

In the confirmation list screen, enter the flow date cycle and select the UDP role.

To Confirm ,go to the “NAESB request for confirmation/confirmation response” screen

and double click on the record

or select the record and click the “Confirmation Details” button on the upper left hand corner of the screen.

Confirmation – UDP (Up/Down Parties)

NAESB Request for Confirmation/Confirmation Response

Prop-OP	Conf Locations	NAESB Request for Confirmation/Confirmation Response												
Conf Req Prop:	4052	Conf Req Name:	TENNESSEE GAS PIPELINE			Conf Req:	001939164			Submit				
Conf Pty Prop:	63000	Conf Pty Name:	TRNG-ELM GAS PRODUCTS			Conf Pty:	0			Report Date/Time: 4/29/2013				
Beg Date:	5/3/2013	Beg Time:	End Date:	5/3/2013	End Time:	Layout Options								
Loc Prop:	418012	Loc Name:	WC VAR/TGP WEST			Loc:	0	<input type="checkbox"/> Show Zeros						
Cycle: TIMELY														
Volume Type	Svc Req Prop/Contract	Svc Type	Svc Rec ID	Pkg ID	Previous Sched Qty	Current Num Qty	TSP Cnt/Sched Qty	TSP RR Code	Qty	RR Code	Current Sched Qty	Current RR Code	Priority	Status
Upstream	Off-system Sup	63000	0	0	0	400	-400	0	0	400	400	500	C	
Customer: TRNG-ELM GAS PRODUCTS OFFSYSTEM														
Downstream	SELL	61000	0	6100000	0	400	400	0	0	400	400	500	C	
Customer: CHERRY NATURAL GAS SHP/BRK/PRD														

- The screen will show :
 - Upstream section: the off-system volumes received from the operator
 - Downstream section: gas deliver to downstream parties
 - If UDP agree to the volumes in the “Current Sched Qty” field, no further action is needed
 - If UDP does not agree , click the “Confirm All Lines” button and enter the all the change(s) in the “QTY” column for the cycle.
 - volumes can only be entered on the “Qty” field that either has “Buy” or “Sell” volume type
 - After the volumes are confirmed , click the “Submit” button



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The UDP confirmation screen has 2 sections:

Upstream section - lists the supply for the gas. In this example, the UDP is acquiring off-system volume from the operator.

Downstream section shows the delivery to the downstream parties.

Since all UDPS are set to be auto confirmed. If UDP agrees to the volumes, no further action is needed.

If UDP does not agree, click the “Confirm All Lines” button and enter the all the change(s) in the “QTY” column for the cycle.

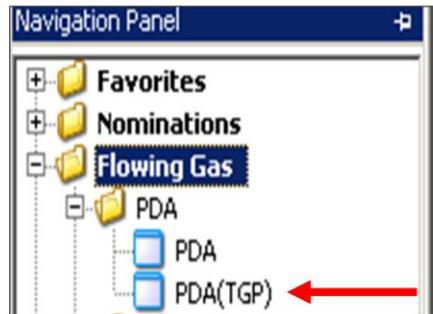
For UDPS ,changes can be entered in the “QTY” field that has either a “BUY” or “SELL” transaction type. Usually the QTY field is HIGHLIGHTED IN BLUE

After you enter the changes, Click the submit button.

Pre-determined Allocation Rules (PDA)

PDAs or (pre-determined allocation RULES)

Pre-Determined Allocation (PDAs)



- From this screen PIN operators and UDP/shippers can enter the pre-determined allocation rules



Operators, UDPs and shippers can submit PDAs on line in order to let TGP knows how they want to allocate the Pin or the service requester contracts.

The nature and types of PDAs available in DART is very similar to Passkey. However, DART provides more flexibility in certain PDA rule.

One of the example I will illustrate this additional flexibility.

To view or change the PDA, navigate to the flow gas. Click on the PDA(TGP)

Pre-Determined Allocation (PDAs)

NAESB Pre-determined Allocation

Preparer ID Prop:	61000	Preparer Name:	TRNG-CHERRY NATURAL GAS	Preparer ID:	006100000
Contact Name:	DARTPLUS TRAINING01	Contact Phone:	7086913087	Recipient:	001939164
Recipient Prop:	405	Recipient Name:	TENNESSEE GAS PIPELINE		
Statement Date/Time:	5/13/2013 11:22:12 AM	PDA TT:	2, 4		
Loc Prop:	418012	Loc Name:	WC VAR/TGP WEST CAMERON 616	Loc:	418012
Flow Date:	5/13/2013				
Role	<input checked="" type="radio"/> Conf.Pty <input type="radio"/> Svc Req	Allocation Method:	<input type="button" value="Default"/> Alloc Rank Ind - Low	Allocation Method:	<input type="button" value="Default"/> Alloc Rank Ind - High
<input type="button" value="Save"/> <input type="button" value="Retrieve"/> <input type="button" value="Save As"/> <input type="button" value="Print"/>					

- Enter “Loc Prop” (PIN) and Flow Date
- Role will default to ‘Conf Pty’ for the operator of PIN
- UPDs (Up/Down Parties) or Shippers will default to “Svc Req” role



On the NAESB PDA screen.

Enter the Loc Prop or PIN and the flow date

If you are the operator, the role will default to "Conf Pty" role

UPDs and Shippers will default to "SVC Req" Role

Pre-Determined Allocation (PDAs)

NAESB Pre-determined Allocation

Preparer ID Prop:	61000	Preparer Name:	TRNG-CHERRY NATURAL GAS	Preparer ID:	006100000		
Contact Name:	DARTPLUS TRAINING01	Contact Phone:	7086913087				
Recipient Prop:	4052	Recipient Name:	TENNESSEE GAS PIPELINE	Recipient:	001939164		
Statement Date/Time:	5/13/2013 11:22:12 AM	PDA TT:	2, 4				
Loc Prop:	418012	Loc Name:	WC VAR/TGP WEST CAMERON 616	Loc:	418012		
Flow Date:	5/13/2013						
Role	<input checked="" type="radio"/> Conf.Pty <input type="radio"/> Svc Req	Allocation Method:	<input type="button" value="Default"/>	Alloc Rank Ind - Low	Allocation Method:	<input type="button" value="Default"/>	Alloc Rank Ind - High
			<input type="button" value="Percent"/>			<input type="button" value="Flex"/>	
			<input type="button" value="Default"/>			<input type="button" value="OBA"/>	
			<input type="button" value="Flex"/>			<input type="button" value="ProRata"/>	
			<input type="button" value="Ranking"/>				

- Default allocation will be “pro-rata”
 - There are two selections for swing allocation:
 - OBA option - is only valid under the “Conf Pty” role. This is for PIN operator to swing to operator’s own OBA
 - Flex option - other swing options utilized on TGP e.g. swing on SA, swing on storage
 - Swing on a third party contract, please contact your representative



Click the drop down box from the Allocation Method. It will display various PDA methods.

The default is pro-rata.

Next on the list is Percentage. It is similar to the current percentage PDA in passkey.

There are 2 new options for the swing allocations. OBA option and the Flex option.

- OBA option is only valid for the Confirming party role. This is for the PIN operator to swing to the operator’s own OBA.

- Flex option is all other swing options currently utilized on TGP. For example, Swing on storage or swing on SA contract.

To swing on a third party contract, you will need to contact your scheduling representative. We will enter the PDA for you internally.

Ranking PDA – DART provides more flexibility for this option compare to Passkey . I will go through an example to illustrate the additional flexibility.

PDA Swing to OBA Agreement – PIN Operator

Save | F

Preparer ID Prop:	61000	Preparer Name:	TRNG-CHERRY NATURAL GAS	Preparer ID:																			
Contact Name:	DARTPLUS TRAINING01	Contact Phone:	7086913087	Recipient:																			
Recipient Prop:	4052	Recipient Name:	TENNESSEE GAS PIPELINE	Recipient:																			
Statement Date/Time:	5/21/2013 9:35:50 AM	PDA TT:	2, 4	Alloc Rank Ind - Low	Alloc Rank Ind - High																		
Loc Prop:	418012	Loc Name:	WC VAR/TGP WEST CAMERON 616	LOC:																			
Flow Date:	5/01/2013	Allocation Method:	OBA	Alloc Rank Ind - Low	Alloc Rank Ind - High																		
Role	<input checked="" type="radio"/> Conf.Pty <input type="radio"/> Svc Req																						
<table border="1"> <thead> <tr> <th>Ctrct Co Id</th> <th>Svc Req Name</th> <th>Svc Type</th> <th>Ctrct ID</th> <th>Ctrct Type</th> <th>Eff Start Date</th> <th>Eff End Date</th> <th>Last Mod User ID</th> <th>Last Mod Date</th> </tr> </thead> <tbody> <tr> <td>61000</td> <td>TRNG-CHERRY NATURAL GAS</td> <td></td> <td></td> <td></td> <td>05/01/2013</td> <td>12/31/2049</td> <td>CTRN01</td> <td>05/21/2013</td> </tr> </tbody> </table>						Ctrct Co Id	Svc Req Name	Svc Type	Ctrct ID	Ctrct Type	Eff Start Date	Eff End Date	Last Mod User ID	Last Mod Date	61000	TRNG-CHERRY NATURAL GAS				05/01/2013	12/31/2049	CTRN01	05/21/2013
Ctrct Co Id	Svc Req Name	Svc Type	Ctrct ID	Ctrct Type	Eff Start Date	Eff End Date	Last Mod User ID	Last Mod Date															
61000	TRNG-CHERRY NATURAL GAS				05/01/2013	12/31/2049	CTRN01	05/21/2013															
<input type="button" value="Add Item"/> <input type="button" value="Copy Item"/> <input type="button" value="Delete Item"/> <input type="button" value="Print"/> <input type="button" value="Save As"/> <input type="button" value="Add to Favorites"/> <input type="button" value="Remove from Favorites"/>																							

- Select "Conf Pty" in the role section
- Select "OBA" from the "Allocation Method" drop down box
 - OBA option - is only valid under the "Conf Pty" role. This is for PIN operator to swing to operator's own OBA
- Right mouse click and select "Add Item" from the pop up window



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Following are 4 commonly used PDAs examples.

I will use the operator role for these examples.

First Example is swing to Operator's OBA.

On the "Role" section make sure the "Conf Pty" button is selected.
Select OBA from the allocation method.

Right mouse click and select add item from the pop up window.
The system will create a new record for you to enter the PDA.

PDA Swing to OBA Agreement – PIN Operator

NAESB Pre-determined Allocation

Preparer ID Prop:	61000	Preparer Name:	TRNG-CHERRY NATURAL GAS	Preparer ID:	6100000			
Contact Name:	Joe Chen	Contact Phone:	222334444					
Recipient Prop:	4052	Recipient Name:	TENNESSEE GAS PIPELINE	Recipient:	001939164			
Statement Date/Time:	5/21/2013 9:18:08 AM	PDA TT:	2, 4					
Loc Prop:	418012	Loc Name:	WC VAR/TGP West Cameron 616	Loc:	36819			
Flow Date:	5/1/2013							
Role:	<input type="radio"/> Conf.Pty <input checked="" type="radio"/> Svc Req	Allocation Method:	OBA	Alloc Rank Ind - Low	Allocation Method:	OBA	Alloc Rank Ind - High	
Ctrct Co Id	Svc Req Name	Svc Type	Ctrct ID	Ctrct Type	Eff Start Date	Eff End Date	Last Mod UserID	Last Mod Date
61000	TRNG-CHERRY NATURAL GAS	UMPL	SWING/STG	SAL	5/1/2013	07/31/2013	DART PK CON	04/09/2013



- Enter the contract number in “Ctrct ID” field
- Enter the “Eff End Date”
- Click the “Save” button



Enter the contract number and the effective end date.

The effective begin date will default to the Flow Date.

click the save button on top of the screen. The PDA will be saved.

PDA Swing to SA Agreement – PIN Operator

NAESB Pre-determined Allocation

Preparer ID Prop:	61000	Preparer Name:	TRING-CHEERY NATURAL GAS	Preparer ID:	00610000
Contact Name:	DARLIPUS TRAINING001	Contact Phone:	7086913087		
Recipient Prop:	4052	Recipient Name:	TENNESSEE GAS PIPELINE	Recipient:	001939164
Statement Date/Time:	5/13/2013 11:22:12 AM	PDA Tt:	2, 4		
Loc Prop:	418012	Loc Name:	WC VAR/TGP WEST CAMERON 616	Loc:	418012
Flow Date:	5/13/2013	Allocation Method:	Flex	Alloc Rank Ind - Low	Alloc Rank Ind - High
Role	<input checked="" type="radio"/> Conf.Pty <input type="radio"/> Svc Req				

Step **Ctrct Co Id** **Svc Req Name** **Svc Type** **Ctrct ID** **Ctrct Type** **Eff Start Date** **Eff End Date** **Swing Lmt** **Lmt Calc CD** **Swing Lmt Percent** **Fuel Ind** **Alloc Method** **Other Svc Type** **Other Ctrct ID** **Other Ctrct Type** **Final Point** **Last Mod UserID** **Last M Date**

Add Item

Drop Item
Delete Item
Print
Save As
Add to Favorites
Remove from Favorites

- Enter “Loc Prop” (PIN) and Flow Date
- Select “Flex” from the “Allocation Method” drop down box
- Right mouse click and select “Add Item” from the pop up window



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The second example is operator swing to the SA.
Again enter the PIN and the Flow Date

The difference between E.g. 1 and this example is the allocation method selected for the SA swing.

From the allocation method select “FLEX” option.

Right mouse and select add item

PDA Swing to SA Agreement – PIN Operator

NAESB Pre-determined Allocation

Preparer ID Prop:	61000	Preparer Name:	TRNG-CHERRY NATURAL GAS	Preparer ID:	006100000													
Contact Name:	DARTPLUS TRAINING01	Contact Phone:	7086913087	Recipient:	001939164													
Recipient Prop:	4052	Recipient Name:	TENNESSEE GAS PIPELINE	Loc:	418012													
Statement Date/Time:	5/13/2013 11:22:12 AM	PDA TT:	Z, 4	Allocation Method:	Flex Alloc Rank Ind - Low													
Loc Prop:	418012	Loc Name:	WC VAR/TGP WEST CAMERON 616	Allocation Method:	Flex Alloc Rank Ind - High													
Flow Date:	5/13/2013	Allocation Methods:	Flex Alloc Rank Ind - Low	Allocation Methods:	Flex Alloc Rank Ind - High													
Role:	<input type="radio"/> Conf.Pty <input checked="" type="radio"/> Svc Req	Allocation Method:	Flex	Allocation Method:	Flex													
Step	Ctrct Co Id	Svc Req Name	Svc Type	Ctrct ID	Ctrct Type	Eff Start Date	Eff End Date	Swing Lmt	Lmt Calc CD	Swing Lmt Percent	Fuel Ind	Alloc Method	Other Svc Type	Other Ctrct ID	Other Ctrct Type	Final Point	Last Mod UserID	Last Mod Date
1	61000	TRNG-CHERRY NATUR	SA	10727-SAT	AGG	05/13/2013	12/31/2044	0	0	0	Swing	Swing				0	CTRNG01	05/13/2013

- Enter the contract number in “Ctrct ID” field
- Enter the “Eff End Date”
- Enter the “Alloc Method”
- Click the “Save” button

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Enter the SA contract number in the “Contract ID” field.
 Enter the effective end date.
 On the “Alloc Method” column select the “Swing “option
 and click save.

PDA Percent Allocation – PIN Operator

NAESB Pre-determined Allocation

Preparer ID Prop:	61000	Preparer Name:	TRNG-CHERRY NATURAL GAS	Preparer ID:	006100000						
Contact Name:	DARTPLUS TRAINING01	Contact Phone:	7086913087								
Recipient Prop:	4052	Recipient Name:	TENNESSEE GAS PIPELINE	Recipient:	001939164						
Statement Date/Time:	5/14/2013 3:04:42 PM	PDA TT:	2, 4								
Loc Prop:	418012	Loc Name:	WC VAR/TGP WEST CAMERON 616	Loc:	418012						
Flow Date:	5/03/2013										
Role:	<input checked="" type="radio"/> Conf.Pty <input type="radio"/> Svc Req	Allocation Method:	Percent	Alloc Rank Ind - Low	Alloc Rank Ind - High						
Direction of Flow	Svc Rqst Prop	Svc Req Name	Svc Req	Svc Req K Type	Svc Req K	PkgId	Allocation Pct	Effective Start Date	Effective End Date	Last Mod User ID	Last Mod Date
D	61000	TRNG-CHERRY NATURAL GAS	6100000	0	0		0	05/03/2013	07/31/2013	CTRNG01	05/14/2013
D	63000	TRNG-BLM GAS PRODUCTS	0	0	0		0	05/03/2013	07/31/2013	CTRNG01	05/14/2013
D	15004	HESS CORP.	6979785	0	0		0	05/03/2013	07/31/2013	CTRNG01	05/14/2013
	15004	(HESS CORP.)	6979785								
	61000	TRNG-CHERRY NA...	6100000								
	63000	TRNG-ELM GAS PR...									



- Enter “Loc Prop” (PIN) and Flow Date
- Select “Percent” from the “Allocation Method” drop down box. In the “Svc Rqst Prop” column, screen will populate the UDP nominations for the flow date
 - To add UDPs, right mouse click and choose the “Add Item”
- Enter the “Effective End Date”
- Enter the percentage in the “Allocation Pct” field
- Click the “Save” button



The third example is Operator percent PDA.

Enter the PIN and Flow Date.

Select percent from the allocation method. The “Service Request Prop” column will populate with UDPs that have nominations for the flow date.

To add UDP , right mouse click and choose add item and select the UDPs that you want to add.

Enter the percentage for the UDPs in the “Allocation Pct” field.

Enter effective end date and click save

PDA Alloc Rank Ind – Low and Alloc Rank Ind High – PIN Operator

Preparer ID Prop: 61000 Preparer Name: TRNG-CHERRY NATURAL GAS Preparer ID: 006100000
 Contact Name: DARTPLUS TRAINING01 Contact Phone: 7086913087 Recipient ID: 001939164
 Recipient Prop: 4052 Recipient Name: TENNESSEE GAS PIPELINE
 Statement Date/Time: 5/13/2013 2:30:29 PM PDA TT: Z, 4 Loc: 418012
 Loc Prop: H18012 Loc Name: WC VAR/TGP WEST CAMERON 616 Flow Date: 5/03/2013 Allocation Method: Ranking Alloc Rank Ind - Low Alloc Rank Ind - High
 Role: Conf/Pty Svc Req
 Direction of Flow Svc Rqst Prop Svc Req Name Svc Req Svc Req K Type Svc Req K PkgId Ovag Rank Undag Rank Effective Start Date Effective End Date Last Mod UserID Last Mod Date
 D 6100000 TRNG-CHERRY NATURAL GAS 6100000 0 0 1 2 05/03/2013 07/31/2013 CTRNG01 05/13/2013
 D 6300000 TRNG-ELM GAS PRODUCTS 0 0 0 2 3 05/03/2013 07/31/2013 CTRNG01 05/13/2013
 D 15004 HESS CORP. 6979765 0 0 3 1 2 05/03/2013 07/31/2013 CTRNG01 05/13/2013

- Enter “Loc Prop” (PIN) and Flow Date
- Select “Ranking” for both “Allocation Method” fields. In the “Svc Rqst Prop” column, system will populate the UDP nominations for the flow date
 - “Ovag Rank” - if the PIN is long, the allocation will be based on ranking in this field
 - “Undag Rank” – if the PIN is short, the allocation will be based on ranking in this field
- Enter the “Effective End Date”
- Click the “Save” button



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The forth example is the most exciting one and that is ranking. Here DART provides more flexibility to the ranking PDA than Passkey.

In this example, the operator will provide a high and low ranking PDA.

The high rank dictates the ranking methodology to use when the PIN is long.

The low rank dictates the ranking methodology to use when the PIN is short.

On the PDA screen select Ranking FROM BOTH “Allocation Method”.

Enter the rank in the “Ovage Rank” column when the PIN is long.

Enter the rank in the “Undag rank” column when the PIN is short.

These 2 columns are outlined in RED on the screen.

Enter the effective end date and click save.

PDA For UDPs and Shippers

NAESB Pre-determined Allocation

Preparer ID Prop:	61000	Preparer Name:	TRNG-CHERRY NATURAL GAS	Preparer ID:	006100000												
Contact Name:	DARTPLUS TRAINING001	Contact Phone:	7086913007	Recipient:	001939164												
Recipient Prop:	4052	Recipient Name:	TENNESSEE GAS PIPELINE														
Statement Date/Time:	5/22/2013 3:16:04 PM	PDA TT:	2, 4														
Loc Prop:	418012	Loc Name:	WC VAR/TGP WEST CAMERON 616	Loc:	418012												
Flow Date:	5/22/2013																
Role:	<input type="radio"/> Conf/Pty <input checked="" type="radio"/> Svc Req	Allocation Method:	Flex	Alloc Rank Ind - Low	Alloc Rank Ind - High												
Step	Crctr Co Id	Svc Req Name	Svc Type	Crctr ID	Crctr Type	Eff Start Date	Eff End Date	Swing Lmt	Lmt Calc CD	Swing Lmt Percent	Fuel Ind	Alloc Method	Other Svc Type	Other Crctr ID	Other Crctr Type	Final Point	Last Mod UserID

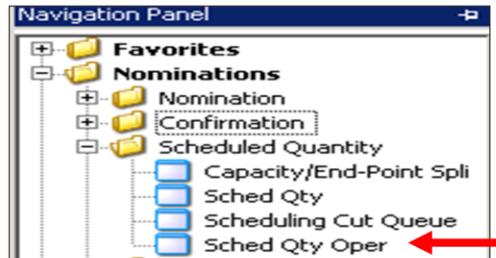
- For UDPs (Up/down parties) and shippers entering PDAs, select the “Svc Req” role

UDPs and shippers can select to submit or view their PDAs on line. To submit or view PDA just select the “Svc Req” role in the PDA screen.

Scheduled Quantity

Scheduled quantity

Sched Qty Oper



- View Operator scheduled quantity details



There are 2 useful on line screens that allow confirming parties to view their scheduled quantities.

First is the “Sched Qty” screen for the UDPs & Shippers.

Second is the “Sched Qty Oper” for operator.

I would like to go through these screens in a different order.

I will go through the view schedule quantity by operator first. And then sched qty for UDPs and shippers.

To navigate to the screen . Click on Nominations , click the Schedule Quantity and click “Sched Qty Oper”.

Sched Qty Oper

Scheduled Qty Oper

Preparer ID Prop:	4052	Preparer Name:	TENNESSEE GAS PIPELINE	Preparer ID:	1939164
Recipient Prop:	61000	Recipient Name:	TRNG-CHERRY NATURAL GAS	Recipient:	6100000
Statement Date/Time:	4/23/2013 5:25:39 PM	Beg Date:	4/18/2013	End Date:	4/23/2013
Cycle:	[TIME CYCLE] [EVENING] [INTRA DAY 1] [INTRA DAY 2] 10 PM 11 PM 12 AM 01 AM 02 AM 03 AM 04 AM 05 AM 06 AM 07 AM 08 AM				

- Enter the “Beg Date” , “End Date” and “Cycle”
 - For date range, set the “Cycle” to “08AM”
- Click the “Retrieve” button



Enter the Begin date, End Date and Cycle.

If you decide to select a date range set the cycle to 8:00AM and click the retrieve button.

Sched Qty Oper

Scheduled Qty Oper								
Sched Qty Op Matrix		Preparer ID Prop:		Preparer Name:		Preparer ID:		
Preparer ID Prop: 4052		Preparer Name: TENNESSEE GAS PIPELINE		Preparer ID: 1939164		Retrieves		
Recipient Prop: 61000		Recipient Name: TRNG-CHERRY NATURAL GAS		Recipient: 6100000		Save As		
Statement Date/Time: 5/15/2013 9:24:04 AM		Beg Date: 4/18/2013		End Date: 4/23/2013				
Cycle: 08 AM								
Flow Date	Loc Prop	Loc Name	Loc	Contractual Indicator	Prior Cycle Scheduled Qty	Qty (Flow Date)	Net Changes	R Qty (Variance)
04/15/2013	418012	WC_VAR/TGP WEST CAMERO	0	Source	2,000	2,000	0	546
04/20/2013	418012	WC_VAR/TGP WEST CAMERO	0	Source	8,000	8,000	0	0
04/21/2013	418012	WC_VAR/TGP WEST CAMERO	0	Source	8,000	1,300	(6,700)	0
04/22/2013	418012	WC_VAR/TGP WEST CAMERO	0	Source	8,000	8,000	0	0
04/23/2013	418012	WC_VAR/TGP WEST CAMERO	0	Source	6,000	5,902	(98)	2,000

- The “Loc Prop” displays all PINs associated with the operator
- The “Contractual Indicator” is the flow direction
 - Source = supply or receipt
 - A bi-directional PIN will default to “Source”
 - Disposition = market or delivery
- “Qty” positive volume equals to source (receipt) and negative volume equals disposition (delivery)
- “R Qty” equals difference between total nominations and total scheduled quantity
- Navigate to the detail screen in 2 ways
 - Select the individual record and click the “Sched Qty Op Matrix” button on the upper left-hand corner of the screen
 - select the record and double click



The screen displays all PINs associated with the operator.

The fields are self explanatory. However, there are several fields that I would like to point out

First is the “Contractual Indicator” which is in the middle of the screen.

Contractual indicator displays the flow direction. The field can be populated either with a source or disposition. Source indicates receipt. Disposition indicates market or delivery. For bi-directional pin the indicator will default to source.

“QTY” column can have either a positive or negative volume. A positive volume indicates source (or receipt) and a negative volume indicates disposition or delivery.

“R Qty” column is the difference between total scheduled quantity and total nomination.

You can navigate to the detail screens by selecting the record and double click

or select the record and click the “Sch Qty Opt Matrix” on the upper left hand corner of the screen.

Sched Qty Oper

NAESB Scheduled Quantity for Operator

NAESB Scheduled Quantity for Operator										Retrieve	Save As																																																					
Prep ID Prop:	4052	Prep Name:	TENNESSEE GAS PIPELINE			Prep ID:	001939164																																																									
Agent Prop:	61000	Agent Name:	TRNG-CHERRY NATURAL GAS			Agent:	006100000																																																									
Recipient Prop:	61000	Recipient Name:	TRNG-CHERRY NATURAL GAS			Recipient:	006100000																																																									
Statement Date/Time:	4/23/2013 5:40:39 PM		Beg Date:	4/23/2013		Beg Time:	End Date:	4/23/2013		End Time:																																																						
Cycle:	08 AM		Loc Prop:	#18012		Loc Name:	WC VAR/TGP WEST CAMERON 616	Loc:	0																																																							
* Scheduled Quantities are subject to change until the NAESB Scheduled Quantities deadline of each Cycle. Fields with labels in red italics are ordered pursuant to NAESB 4.3.3.																																																																
<table border="1"> <thead> <tr> <th>Kilo</th> <th>Up ID Prop</th> <th>Up Name</th> <th>Up ID</th> <th>Svc Req Prop</th> <th>Svc Req Name</th> <th>Svc Req</th> <th>Pkg ID</th> <th>Prev Sched</th> <th>Current Qty</th> <th>TSP Cnf Sched Qty</th> <th>TSP RR</th> <th>Qty (Oper Conf)</th> <th>RR</th> <th>Qty (Final Sched)</th> <th>Sched Stat</th> <th>R Qty (Variance)</th> </tr> </thead> <tbody> <tr> <td></td> <td>61000</td> <td>TRNG-CH</td> <td>6100000</td> <td>61000</td> <td>TRNG-CHERRY N</td> <td>6100000</td> <td></td> <td></td> <td>6,000</td> <td>8,000</td> <td>6,000</td> <td>AOK</td> <td>6,000</td> <td>CPR</td> <td>6,000</td> <td>C</td> <td>2,000</td> </tr> <tr> <td>Total:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>6,000</td> <td>8,000</td> <td>6,000</td> <td></td> <td>6,000</td> <td></td> <td></td> <td></td> <td>2,000</td> </tr> </tbody> </table>												Kilo	Up ID Prop	Up Name	Up ID	Svc Req Prop	Svc Req Name	Svc Req	Pkg ID	Prev Sched	Current Qty	TSP Cnf Sched Qty	TSP RR	Qty (Oper Conf)	RR	Qty (Final Sched)	Sched Stat	R Qty (Variance)		61000	TRNG-CH	6100000	61000	TRNG-CHERRY N	6100000			6,000	8,000	6,000	AOK	6,000	CPR	6,000	C	2,000	Total:									6,000	8,000	6,000		6,000				2,000
Kilo	Up ID Prop	Up Name	Up ID	Svc Req Prop	Svc Req Name	Svc Req	Pkg ID	Prev Sched	Current Qty	TSP Cnf Sched Qty	TSP RR	Qty (Oper Conf)	RR	Qty (Final Sched)	Sched Stat	R Qty (Variance)																																																
	61000	TRNG-CH	6100000	61000	TRNG-CHERRY N	6100000			6,000	8,000	6,000	AOK	6,000	CPR	6,000	C	2,000																																															
Total:									6,000	8,000	6,000		6,000				2,000																																															

- “TSP Cnf Sched Qty” – quantity scheduled as a result of the scheduling process by the pipeline
- “TSP RR” – TSP reduction reason code
- “Qty” (Oper Conf) – quantity confirmed by operator
- “RR” – reduction reason code provided by operator
 - If you hover over the “RR” an explanation box will pop up



NAESB Scheduled Quantity for Operator screen will show you the details for the record.

“TSP Cnf Sched Qty” displays quantity scheduled as a result of the scheduling process by the pipeline.

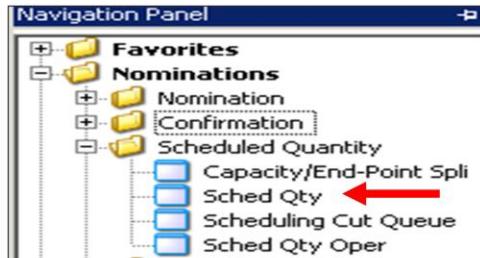
“TSP RR” – is the reduction reason code provided by TSP.

“Qty” (Oper Conf) is quantity confirmed by operator.

“RR” is reduction reason code provided by operator.

If you hover over the “RR” field an explanation box will pop up.

Sched Qty (UDP/Shipper)



- View scheduled quantity details for UDPs (Up/Down parties)

For UDPs or Shippers. You can review the schedule quantity using the “ Sched Qty” screen. Click the Sched Qty folder

Sched Qty (UDP/Shipper)

The screenshot shows the 'Scheduled Quantity' screen with the following details:

- TSP Prop: 4052, TSP Name: TENNESSEE GAS PIPELINE, Statement Date/Time: 5/1/2013 5:14:35 PM
- Svc Req Prop: 63000, Svc Req Name: TRNG-ELM GAS PRODUCTS, Svc Req: 0
- Beg Date: 5/2/2013, End Date: 5/2/2013
- Cycle: EVENING
- Status columns include: Rec/Del Sched Stat (CNF), Out of Balance (0), and R Qty Rec/Del (Variance) (0).

- Enter the “Beg Date” , “End Date” and “Cycle”
 - For date range, set the “Cycle” to “08AM”
- Click the “Retrieve” button
- Rec/Del Sched Stat – display scheduling status e.g. Confirmed or Nominated
- “R Qty Rec/Del (Variance)” – difference between nominated volume and scheduled volume
- Select the record and click the “Sched Qty Ship Matrix” to go to detail screen



On the Schedule Quantity screen.

Enter the Date and Cycle and click retrieve.

The screen displays all the PINs associated with the UDP.

In the middle of the screen, the “Rec/Del Sched Stat” column will display the scheduling status.

It will have either a “CNF” status if the PIN is confirmed or “Nom” status if the Pin is not yet confirmed.

To view details for the record.

Select the record and double click or

Select the record and click “Sched Qty Ship Matix ” button on the upper left hand corner of the screen.

Sched Qty (UDP/Shipper)

NAESB Scheduled Quantity for Shipper Matrix

TSP Prop:	4052	TSP Name:	TENNESSEE GAS PIPELINE	TSP:	001959164	Detail Line Item	Retrieve	Save As	Print						
Svc Req Prop:	63000	Svc Req Name:	TRNG-ELM GAS PRODUCTS	Svc Req:	000000000										
Statement Date/Time: 5/1/2013 4:27:13 PM		Model Type: T, U													
Beg Date:	5/1/2013	Beg Time:	End Date: 5/2/2013 End Time:						Layout Options						
Cycle:	FWENDNS	Loc Prop:	H1B012	Loc Name:	WC VAR/TGP WEST CAMERON 616	Loc:	0	<input checked="" type="radio"/> NAESB WQG <input type="radio"/> basic view <input type="radio"/> Expanded View							
<small>* Scheduled Quantities are subject to change until the NAESB Scheduled Quantities deadline of each Cycle. Fields with labels in red italics are ordered pursuant to NAESB 4.3.73</small>															
Up/On <input type="checkbox"/> UpStream															
TT	Vol Type	SvcReq	Srvc Type	Rec Loc Prop	Rec Loc Name	Rec Loc	Up ID Prop (OffSys)	Up Name (OffSys)	Up ID (OffSys)	Customer Non Qty	Rec Qty (Sched)	Rec Sched Stat	RR	Pkg ID	R Qty Rec (Variance)
118	Off-system Sup			0	0	0	63000	TRNG-ELM GAS P	0	0	700	700	AOK	0	
Total:										700	700				
Up/On <input type="checkbox"/> DownStream															
TT	Vol Type	SvcReq	Srvc Type	Del Loc Prop	Del Loc Name	Del Loc	Dn ID Prop (OffSys)	Dn Name (OffSys)	Dn ID (OffSys)	Customer Non Qty	Del Qty (Sched)	Del Sched Stat	RR	Pkg ID	R Qty Del (Variance)
01	SELL			0	0	0	3937	EDF TRADING NO	130385763	0	700	700	AOK	0	
01	SELL			0	0	0	61000	TRNG-CHERRY N	6100000	0	0	0	AOK	0	
Total:										700	700				

 36

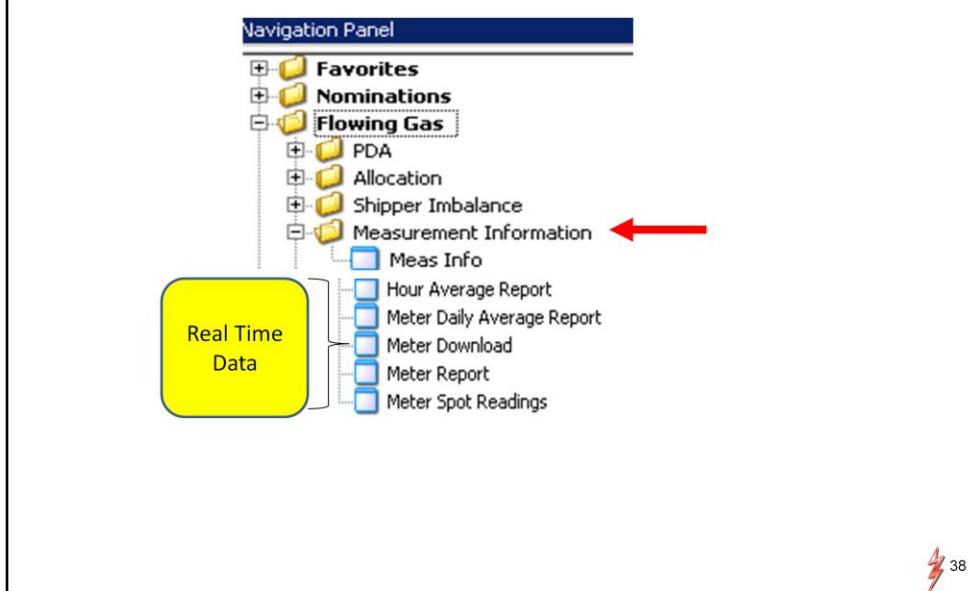
This screen shows an upstream and downstream section. The upstream section displays the supply whereas the downstream section displays the market.

Measurement and Real Time Data

Now we have gone through confirmation, PDAs, how to view scheduled quantities ,

As an operator the next item that will be of interest to you is to see measurement data and real time flow data.

Measurement



To view measurement data.

Navigate to flowing gas and click on Measurement information.

Under the Measurement Information folder you will find

“Meas info” - the screen displays the measurement data.

In addition, Under the Measure Information folder, there are 5 real time data screens . These are:

Hourly average report ,
Meter Daily Average report,
Meter download,
Meter report,
Meter spot readings

These screens replace the familiar screens in current VISA system.

Since these screens are easy to follow , I will go just through 3 out the 5 screens.

Meas Info

NAESB Measurement Information					
Preparer ID Prop:	4052	Preparer Name:	TENNESSEE GAS PIPELINE	Preparer ID:	1899164
Recipient Prop:	61000	Recipient Name:	TRNG-CHERRY NATURAL GAS	Recipient:	6100000
Contact Name:	Scheduling Hotline	Contact Phone:	(713) 369-9663		
Statement Date/Time:	4/24/2013 11:32:20 AM	Beg Date:	4/ 1/2013	End Date:	4/23/2013
Loc Prop:	418012	Loc Name:	WC VAR/TGP WEST CAMERON 616	Loc:	0
<input type="checkbox"/> Exclude OBA Payback					
All volumes at 14.73 Dry					
The closing of gas measurement volumes measured facilities is five business days after the business month. Measurement volumes are not considered final until that date. Following the 5th business day, measured volumes may be subject to prior period adjustments.					
<input type="button" value="Retrieve"/>					

- Enter the following criteria
 - “Beg Date”
 - “End Date”
 - Loc Prop or you can click on the Loc Prop to bring up the lookup window
- Click the “Retrieve” button



To view measurement data

Click “Meas Info”.

It will bring up the NAESB Measurement information screen.

Enter the Begin date, the End date and the Pin

Click the retrieve button.

Meas Info

NAESB Measurement Information

Preparer ID Prop:	4052	Preparer Name:	TENNESSEE GAS PIPELINE	Preparer ID:	1939164
Recipient Prop:	610000	Recipient Name:	TRNG-CHERRY NATURAL GAS	Recipient:	6100000
Contact Name:	Scheduling Hobna	Contact Phone:	(713) 369-9603		
Statement Date/Time:	4/29/2013 12:25:26 PM	Beg Date:	4/1/2013	End Date:	4/28/2013
Loc Prop:	118012	Loc Name:	WV-VAR/TGP WEST CAMERON 616	Loc:	0
Loc Prop: 118012 Loc Name: WV-VAR/TGP WEST CAMERON 616 Loc: 0					
All volumes at 14.73 Dry All volumes at 14.73 Dry The closing of gas measurement values measured facilities in five business days after the business month. Measured volumes are not considered final until that date. Following the 5th business day, measured volumes may be subject to prior period adjustments.					
<input type="checkbox"/> Exclude OBA Payback <input type="button" value="Retrieves"/>					
Day	Measure Vol (MMB)	Energy Qty (MMB)	stmt Basis	Adj Type	Direction of Flow
04/19/2013	10,000	10,000	A		Source
04/20/2013	9,000	9,000	A		Source
04/21/2013	8,000	8,000	A		Source
04/22/2013	12,000	12,000	A		Source
04/23/2013	10,000	10,000	A		Source
04/24/2013	11,000	11,000	A		Source
04/25/2013	13,000	13,000	A		Source
04/26/2013	14,000	14,000	A		Source
04/27/2013	18,000	18,000	A		Source
04/28/2013	10,000	10,000	A		Source
Total:	115,000	115,000			
					75,000
					45,000

- PIN operators and shippers that have activities will be able to view the measurement data
- The direction of the flow determines the sign of the volume
 - A positive volume is a source (receipt) and a negative volume is a disposition (Delivery)
- Stmt Basis – status of the measurement data. “A” equals actual and “E” equals estimate
- Variance - the difference between measurement volumes and scheduled volumes

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The screen will populate with measurement data

Pin operator, UDPs and shippers that have activities for the pin will be able to view the measurement data.

The direction of flow determines the sign of the volume

A positive volume is a source (receipt) and a negative volume is a disposition or delivery
 Stmt basis – A equals actual and E status equals estimate

Variance is the different between measurement volumes and the schedule volumes.

Measurement – Hour Average Report (Real Time Data)

Date	Daily Rate	Hourly	Cumulative Hourly	Date	Daily Rate	Hourly	Cumulative Hourly
4/30/2013	1,277,750.00	26,756.00	26,756.00	5/1/2013	25,821,142.00	53,642.00	53,642.00
10 AM	371,517.7	15,479,654.1	15,479,654.1	10 PM	614,629.9	25,821,142.00	25,821,142.00
11 AM	676,220.7	28,409,199.9	55,016,030.0	11 PM	347,579,645.6	173,584,750.00	173,584,750.00
12 PM	676,220.7	28,409,199.9	55,016,030.0	12 PM	676,220.7	28,409,199.9	55,016,030.0
1 PM	647,632.4	26,582,765.0	119,548,333.0	1 AM	424,106,950.0	1	424,106,950.0
2 PM	646,419.2	26,534,017.1	136,084,416.0	2 AM	449,361,500.0	1	449,361,500.0
3 PM	646,419.2	26,534,017.1	136,084,416.0	3 AM	449,361,500.0	1	449,361,500.0
4 PM	646,419.2	26,534,017.1	136,084,416.0	4 AM	616,932.3	25,795,029.0	25,795,029.0
5 PM	637,799.4	25,674,970.0	151,562,013.3	5 AM	606,269.6	25,821,142.00	25,821,142.00
6 PM	634,926.3	26,495,250.0	159,950,953.0	6 AM	606,269.6	25,821,142.00	25,821,142.00
7 PM	634,926.3	26,495,250.0	159,950,953.0	7 AM	606,269.6	25,821,142.00	25,821,142.00
8 PM	634,926.3	26,495,250.0	159,950,953.0	8 AM	606,269.6	25,821,142.00	25,821,142.00

Cur Refd	603,549.0	Pressure	691,000.0	Yesterday	Today	Burn	
Max Press	603,549.0	Cost Press	691,000.0	Min	602,064.0	Min	602,064.0
Min Press	603,549.0	Sched	0.0000	Max	676,220.7	Max	676,220.7
601B [CCO/TGP/MERCY GU 1 LIBERTY]				Avg	602,398.3	Avg	602,398.3
CCO OIL & GAS					602,398.3		602,398.3

This is Operational Data Only. No Custody Transfer Data.
This Data is Subject to Adjustment.

Reserved 5/1/2013 11:32:19 AM

- Operator can access the real time data for the operator's PINs



Click hourly average report to view real time hourly average

Measurement – Meter Daily Average Report (Real Time Data)

The screenshot shows a software window titled "Meter Daily Averages Report". The window includes a header with "PIN: 4052 - TENNESSEE GAS PIPELINE COMPANY, LLC", "Month: 4 Year: 2013", and "Category: Daily Avg Only". Below the header is a table titled "DAILY METER AVERAGES" with data for May 2013. The table has columns for Day, Month, Year, and Value. At the bottom of the table are summary statistics: Min (408.2966), Avg (409.3413), and Tot (1276.3413). The table also includes a note: "This Operator Data Only. Not Current Total. This Data is Subject to Adjustment...". On the right side of the window are "Retrieve" and "Clear" buttons.

Day	Month	Year	Value
1	May	2013	408.2966
2	May	2013	409.3413
3	May	2013	409.3413
4	May	2013	409.3413
5	May	2013	409.3413
6	May	2013	409.3413
7	May	2013	409.3413
8	May	2013	409.3413
9	May	2013	409.3413
10	May	2013	409.3413
11	May	2013	409.3413
12	May	2013	409.3413
13	May	2013	409.3413
14	May	2013	409.3413
15	May	2013	409.3413
16	May	2013	409.3413
17	May	2013	409.3413
18	May	2013	409.3413
19	May	2013	409.3413
20	May	2013	409.3413
21	May	2013	409.3413
22	May	2013	409.3413
23	May	2013	409.3413
24	May	2013	409.3413
25	May	2013	409.3413
26	May	2013	409.3413
27	May	2013	409.3413
28	May	2013	409.3413
29	May	2013	409.3413
30	May	2013	409.3413
31	May	2013	409.3413

Min: 408.2966 Avg: 409.3413 Tot: 1276.3413

May 2013 Current Reading: 603.9495
4052 - CECUT/GP MERCY GD 1 LIBER
CECUT OIL & GAS

This Operator Data Only.
Not Current Total.
This Data is Subject to Adjustment...

- Operator can access the real time data for the operator's PINs



Click the Meter Daily Average report to view meter daily information

Measurement – Meter Spot Reading (Real Time Data)

The screenshot shows a software window titled "Meter Report - WCTM1500_05011" with the sub-tab "Meter Spot Readings - WCTM1". The pipeline number is listed as "402 - TENNESSEE GAS PIPELINE COMPANY, LLC.". The main area displays a grid of data for PIN 6018, which corresponds to "CICO/TGP MERCY GU 1 UBE". The data is organized into three columns: Date/Time, Input, and Output. The "Input" column contains values such as 603.9495, 603.9495, 603.9495, etc., and the "Output" column contains values such as 606.2606, 606.2606, 606.2606, etc. The grid spans from 2013-05-01 11:30 to 2013-05-01 08:00. A legend at the top of the grid indicates that green boxes represent "Data is Operational Data Only. Non Custody Transfer Data. This Data is Subject to Adjustment." and red boxes represent "Data is Not Operational Data. Non Custody Transfer Data. This Data is Subject to Adjustment.". Below the grid, a note states "Retrieved - 2013-05-01 11:32".

- Operator can access the real time data for the operator's PINs

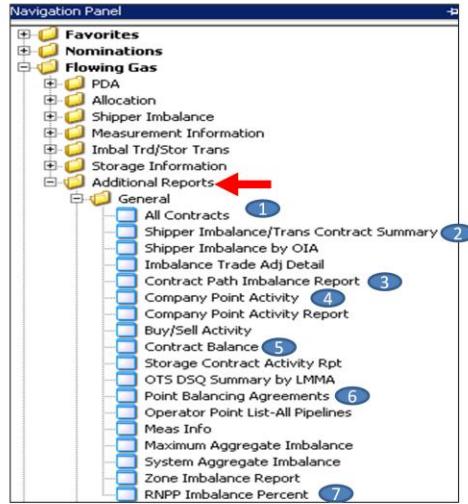


For spot reading click Meter Spot Readings

Flowing Gas (Allocations)

The Next topic is flowing gas/allocation

Flowing Gas



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To view allocations, go to Flowing gas. Select additional reports and click General
There are quite a few reports under the general folder

Because of the time limitation, I will go through 7 of these frequently used reports. I have numbered these reports on the navigation panel and I will go through the reports in that order.

Also please note that we are still working on the placement of these reports. As a result, the order of these reports may change.

1 All Contracts

TSP: 4052 - TENNESSEE GAS PIPELINE AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS |

Report Date: 4/29/2013 12:51:14 PM Flow Date: 4/1/2013 Thru 4/28/2013 | Retrieve

Contract No	Serv Type	Volume Type	Receipt Allocated Dth	Inj Ind	Adjustments (Fuel)	Delivery Allocated Dth	Wdl Ind
			1,739,812		(31,174)	866,40	
310062-ITTG	IT	Transport (Curren	421,145		(3,535)	323,63	
310724-FTAT	FTA	Transport (Curren	339,780		(15,257)	324,52	
310725-FTAT	FTA	Transport (Curren	200,000		(3,776)	196,22	
310726-F3MA	F3MA	IND (Authorized I	218,592		(576)		
310726-F3MA	F3MA	STORAGE	953,952		(8,030)	309 W	
310727-SAII	SA	Pooling	2,233		0	1,75	
310792-MSTT	MST	STORAGE	0		0		
310795-ROLT	ROLT	BALANCE ROLLUP	1,200		0	19,00	
310795-ROPT	ROPT	BALANCE ROLLUP	2,910		0	1,03	

- Allocated data for all your contracts
- Select the “Flow Date” and “Thru” date. Click the “Retrieve” button
 - For date range , the volume is cumulative
 - “Inj Ind” (Injection Indicator) – “I” indicates injection
 - “Wdl Ind” (Withdrawal Indicator) - “ W” indicates withdrawal

⚡ 46

Report number 1

All contract

The report shows allocated data for all your contracts.

Enter the flow date and thru date.

You can select a date range within the same month.

Click the retrieve button.

The screen will populate the allocated data for all your contracts.

Under the Injection or the Inj column – I indicator stands for injection.

Under the withdrawal or the Will column – W indicator stands for withdrawal.

2

Shipper Imbalance/Trans Contract Summary – Production Month

TSP: 4052 - TENNESSEE GAS PIPELINE AGENT: 61000 - TRNG-CHERRY NATURAL GAS Svc Req: 61000 - TRNG-CHERRY NATURAL GAS									
TSP Prop:	4052	TSP Name:	TENNESSEE GAS PIPELINE			TSP:	1939164		
Recipient Prop:	61000	Recipient Name:	TRNG-CHERRY NATURAL GAS			Recipient:	6100000		
Svc Req Prop:	61000	Svc Req Name:	TRNG-CHERRY NATURAL GAS			Svc Req:	6100000		
Contact Name:	Scheduling Hotline		Contact Phone: (713) 369-9683						
Statement Date/Time:	4/29/2013 12:55:36 PM		Acct Per:	4/2013			Beg Date:	4/ 1/2013	End: 4/30/2013
<input type="checkbox"/> Contract <input type="checkbox"/> Cashout <input checked="" type="radio"/> Non-Cashout <input type="checkbox"/> Both <input checked="" type="radio"/> Production <input type="checkbox"/> Statement									
Trades Exist: No NOTE: Positive Values - Pipeline owes Shipper; Negative Values - Shipper owes Pipeline									
<input style="border: 1px solid black; padding: 2px 10px; margin-right: 10px;" type="button" value="Retrieve"/>									
Contract	Srvc Type	TT	Description	Beginning Balance	Alloc Rec Qty	Fuel Qty	Alloc Del Qty	End Imb Qty	Prior Period Adjustment
				0	1,091,152	(25,952)	987,041	78,159	
► 310062-ITGP	IT	01	Transport (Curren	0	467,063	(3,961)	385,426	77,676	NO
310724-FTATGP	FTA	01	Transport (Curren	0	401,736	(18,039)	383,697	0	NO
310725-FTATGP	FTA	01	Transport (Curren	0	220,000	(3,952)	216,048	0	NO
310727-SATGP	SA	08	Pooling	0	2,353	0	1,470	483	NO

- Retrieve contractual imbalance for a production date or a date range within a production month
 - Enter the “Begin Date” and “End Date”. Click the “Retrieve” button
- To view details, select the record and double click



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Report number 2

Shipper Imbalance/Trans contract summary - the report summarized the allocated data for the shipper' contracts .

Users can select 2 views:

A production view and a statement view. The difference between the production view and the statement view is that:

Production view displays the data by production month
 Statement view displays the data by accounting month. The statement view may include any prior period adjustments for various production months.

For this example, we will explore the report by production month.

Enter Begin Date, End Date and make sure the production radio button is selected and click the retrieve button.

To view the details for each contract, select the record and double click

2

Shipper Imbalance/Trans Contract Summary – Production Month Detail

NAESB Shipper Imbalance																
Prep Prop:	4052	Prep Name:	TENNESSEE GAS PIPELINE	Prep ID:	001939164											
Contact Name:	Scheduling Hotline	Contact Phone:	(713) 369-9683													
Recipient Prop:	61000	Recipient Name:	TRNG-CHERRY NATURAL GAS	Recipient:	006100000											
Statement Date/Time:	5/3/2013 9:47:14 AM <th>Imb Rpt Type:</th> <td>TR</td> <td></td> <td></td>	Imb Rpt Type:	TR													
Svc Req Prop:	61000	Svc Req:	TRNG-CHERRY NATURAL GAS	Svc Req:	006100000											
Svc Req K:	310062-ITGP	Acct Per:	4/2013	Beg Date:	4/1/2013											
End Imb Qty:	84926	End Date:	4/29/2013	View:	Production											
<input type="button" value="Retrieve"/>																
Rec Loc Prop	Rec Loc Name	Sched Rec Qty	Alloc Rec Qty	Del Loc Prop	Del Loc Name	Sched Del Qty	Alloc Del Qty	TT	Vol Type	Pkg ID	Fuel Qty	Stmt Basis				
		355,240	442,936			354,267	354,267					(3,743)				
411929	TRNSCO/TGP	100	100	416012	WC VAR/TGP	96	96	01	Transport (Cur)			(2)	E			
411929	TRNSCO/TGP	4,695	4,695	420285	AGT/TGP MEN	4,675	4,675	01	Transport (Cur)			(220)	E			
411929	TRNSCO/TGP	445	445	420285	AGT/TGP MEN	425	425	01	Transport (Cur)			(20)	E			
411929	TRNSCO/TGP	11,000	11,000	460018	STORAGE - NO	10,626	10,626	01	Transport (Cur)			(374)	A			
411929	TRNSCO/TGP	1,000	1,000	460018	STORAGE - NO	966	966	01	Transport (Cur)			(34)	E			
412435	SM GRDENBRI	3,000	3,000	420891	POOLING PT -	2,910	2,910	01	Transport (Cur)			(90)	E			
412435	SM GRDENBRI	300	300	420891	POOLING PT -	291	291	01	Transport (Cur)			(9)	E			
412778	WPS/TGP TEEL	200,000	264,360	460018	STORAGE - NO	198,720	198,720	01	Transport (Cur)			(1,692)	A			
412778	WPS/TGP TEEL	20,000	20,000	460018	STORAGE - NO	19,872	19,872	01	Transport (Cur)			(128)	E			
412778	WPS/TGP TEEL	20,000	20,000	460018	STORAGE - NO	19,872	19,872	01	Transport (Cur)			(128)	E			
418012	WC VAR/TGP	2,546	10,000	420285	AGT/TGP MEN	2,445	2,445	01	Transport (Cur)			(399)	A			
418012	WC VAR/TGP	79,000	93,882	420373	TRNSCO/TGP	79,660	79,660	01	Transport (Cur)			(404)	E			
420891	POOLING PT -	8,800	8,800	420285	AGT/TGP MEN	8,676	8,676	01	Transport (Cur)			(124)	A			
420891	POOLING PT -	850	850	420285	AGT/TGP MEN	838	838	01	Transport (Cur)			(12)	E			
420891	POOLING PT -	850	850	420285	AGT/TGP MEN	838	838	01	Transport (Cur)			(12)	E			

- “Stmt Basis” – “A” stand for actual and “E” stand for estimate



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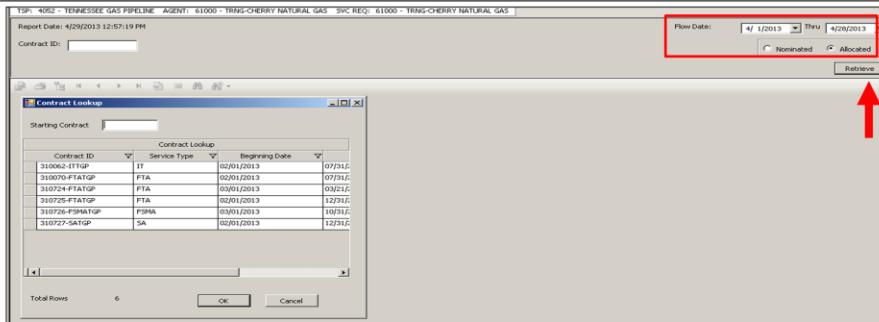
The detail screen will display the scheduled and allocated data for the contract.

The summary line in the middle of the screen provides total volume information for the contract.

The “Stmt Basis” column “E” stands for estimate and “A” stands for actual data.

3

Contract Path Imbalance Report



- Retrieve contractual path imbalance for a date or a date range within a month
- Enter the contract number or double click the “Contract ID”. A look-up type window will appear. Highlight the target contract. Click the “OK” button
- Choose the data type by click either “Nominated” or “Allocated” button
- Enter the “Flow Date” and the “Thru” date. Click the “Retrieve” button



The third report is the Contractual Path imbalance report. The report summarizes daily imbalance by contractual path. User can select the nominated or the allocated view.

For this example, I will use the nominated view.

Enter the contract or double click the “Contract ID” for the look-up window .

Highlight the targeted contract. Click the “OK” button.

Enter the “Flow Date” and thru date and click the “Retrieve” button.

3

Contract Path Imbalance Report

Nominated Volumes from 4/1/2013 thru 4/29/2013																					
Contract: 310062-JTGP				411929 / 418012				411929 / 426285				411929 / 468818				411929 / 426891					
				TRINSCO/TGP WHARTON COUNTY TIE				TRINSCO/TGP WHARTON COUNTY TIE				TRINSCO/TGP WHARTON COUNTY TIE				SM GREENBANK/TGP SOUTH MARSH IS					
				WC VAR/TGP WEST CAMERON 616				AGT/TGP MENDON MASS TIE OVER WH				STORAGE - NORTHERN				POOLING PT - 300 LEG - ZONE 4					
Day	Rept	Fuel	Dlyy	Imbal	Rept	Fuel	Dlyy	Imbal	Rept	Fuel	Dlyy	Imbal	Rept	Fuel	Dlyy	Imbal	Rept	Fuel	Dlyy	Imbal	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	445	20	425	0	1000	34	966	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	445	20	425	0	1000	34	966	0	300	9	291	0	0	0	0	0	
20	0	0	0	0	445	20	425	0	1000	34	966	0	300	9	291	0	0	0	0	0	
21	0	0	0	0	445	20	425	0	1000	34	966	0	300	9	291	0	0	0	0	0	
22	0	0	0	0	445	20	425	0	1000	34	966	0	300	9	291	0	0	0	0	0	
23	10	2	98	0	445	20	425	0	1000	34	966	0	300	9	291	0	0	0	0	0	
24	0	0	0	0	445	20	425	0	1000	34	966	0	300	9	291	0	0	0	0	0	
25	0	0	0	0	445	20	425	0	1000	34	966	0	300	9	291	0	0	0	0	0	
26	0	0	0	0	445	20	425	0	1000	34	966	0	300	9	291	0	0	0	0	0	
27	0	0	0	0	445	20	425	0	1000	34	966	0	300	9	291	0	0	0	0	0	
28	0	0	0	0	445	20	425	0	1000	34	966	0	300	9	291	0	0	0	0	0	
29	0	0	0	0	445	20	425	0	1000	34	966	0	300	9	291	0	0	0	0	0	
	100	2	98	0	5340	240	5160	0	12000	466	11592	0	3300	99	3261	0					

Current Page No.: 1 Total Page No.: 3 Zoom Factor: 100%



Again, the report will show you the daily receipt , fuel, delivery and the imbalance for each path under the contract

4 Company Point Activity

TSP: 4052 - TENNESSEE GAS PIPELINE AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS										
Report Date: 4/30/2013 3:50:51 PM				Flow Date: 4/1/2013 Thru 4/29/2013						
Location ID	Location Name	Sys Id	Agent Id	Agent Name	Role	Scheduled Dth	Allocated Dth	Allocated MCF	Days Est	Variance Dth
411159	ENTRPRSE/TGP KATY DEHY TRANS WALL	0	61000	TRNG-CHERRY NAT	SHP/BRK/PRO	370,758	370,758	370,758	0	0
411929	TRNSCO/TGP WHARTON COUNTY TIE IN	0	61000	TRNG-CHERRY NAT	SHP/BRK/PRO	17,440	17,440	17,440	0	0
412435	SM GRDENBNK/TGP SOUTH MARSH ISLA	0	61000	TRNG-CHERRY NAT	SHP/BRK/PRO	3,300	3,300	3,300	0	0
412778	WFS/TGP TEEL DEHY: RIP 320H 101 SUS	0	61000	TRNG-CHERRY NAT	SHP/BRK/PRO	311,810	376,653	367,081	0	64,843

- Enter “Flow Date “ and the “Thru” date. Click the “Retrieve” button
- The screen summarizes the scheduled and allocated data by PIN
 - “Day Est” - days that allocated data are still based on estimate
 - “Variance DTH” – difference between “Allocated Dth” and “Scheduled DTH”



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The next report is the company point activity report

Enter “Flow Date “ and thru date. click the “Retrieve” button

The report summarizes the scheduled and allocated data by PIN for the company

“Day Est” indicates the number of days that the allocated data are based on estimate.

“Variance DTH” is the difference between “Allocated Dth” and “Scheduled DTH”.

5

Contract Balance - PAL

TSP: 4052 - TENNESSEE GAS PIPELINE AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS
Report Date: 5/3/2013 10:47:04 AM

Type PAL/SPA Storage LPS

Flow Dates: Prod Stmt

Contract ID	Ctrct Type	Srvc Type	Beginning Balance	Injections Dth	Adjust (use)	Withdrawals Dth	Current Month Total	Transfers	Ending Balance
310792-MSTTG	PAL	MST	0	4,732	0	23,600	(18,066)	12	(8,056)
310793-ROLTT	PAL	ROLT	0	1,240	0	22,400	(21,160)	0	(21,160)
310795-ROPTT	PAL	ROPT	0	3,492	0	1,200	2,292	0	2,292

Retrieve
 WIVL6030 - Prior Period Adjustment Detail
 WIVL6030 - Daily Contract Balance
 WIVL6040 - Contract Front Balance
 WIVL6050 - Contract Back Balance
 WIVL6060 - Withdrawal Session
 WIVL6070 - PALS Activity
 WIVL6070 - IBS Activity

- Select the “PAL/SPA” button
- Select the “Prod” button
- Enter the “Flow Date” and “Thru” date
- Click the “Retrieve” button
- To View details, select the record and right mouse click
 - Select the “WIVL6070- PALS Activity” from the pop up window



52

The fifth report is Contract Balance.

This report displays 2 views.
 PAL or Storage activities.

For this report, I am going to look at the Park and Loan Contract by production month.

On the Type, Select PAL for PAL contracts (Ignore the IBS, SPA and LPS, they are not applicable to TGP)

Select the “Prod” view.

Enter the “Flow Date” and thru date.

Click the “Retrieve” button.

To review PAL details, select the PAL Contract and right mouse click.

Select the WIVL6070- PALS Activity from the pop up window

5

Contract Balance - PAL Details

TSP: 4062 - TENNESSEE GAS PIPELINE - AGENT: 61000 - TRANS-CHERRY NATURAL GAS SVC RECD: 61000 - TRANS-CHERRY NATURAL GAS									
Report Date: 5/2/2013 10:51:01 AM									
Contract Id: 310753-ROLTGP									
Location:									
Date	Point	Point Name	Contract	Svc Type	Loan RO	Loan Alloc	LN PB RO	LN PB Alloc	Total
04/18/2013	D	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	10,000	1,700	0	0	130,000
04/19/2013	R	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	0	0	(10,000)	(20)	
04/19/2013	D	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	10,000	1,700	0	0	
04/20/2013	R	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	0	0	(10,000)	(20)	
04/20/2013	D	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	10,000	1,700	0	0	
04/21/2013	R	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	0	0	(10,000)	(20)	
04/21/2013	D	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	10,000	1,700	0	0	
04/22/2013	R	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	0	0	(10,000)	(20)	
04/22/2013	D	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	10,000	1,700	0	0	
04/23/2013	R	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	0	0	(10,000)	(1,020)	
04/23/2013	D	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	10,000	2,000	0	0	
04/24/2013	R	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	0	0	(10,000)	(20)	
04/24/2013	D	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	10,000	1,700	0	0	
04/25/2013	R	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	0	0	(10,000)	(20)	
04/25/2013	D	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	10,000	1,700	0	0	
04/26/2013	R	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	0	0	(10,000)	(20)	
04/26/2013	D	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	10,000	1,700	0	0	
04/27/2013	R	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	0	0	(10,000)	(20)	
04/27/2013	D	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	10,000	1,700	0	0	
04/28/2013	R	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	0	0	(10,000)	(20)	
04/28/2013	D	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	10,000	1,700	0	0	
04/29/2013	R	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	0	0	(10,000)	(20)	
04/29/2013	D	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	10,000	1,700	0	0	
04/30/2013	R	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	0	0	(10,000)	(20)	
04/30/2013	D	POOLING PT - 300 LEG - ZONE 4	310753-ROLTGP	ROLT	10,000	1,700	0	0	
Total:									
130,000 22,400 (120,000) (1,240)									

- Make sure the button reflects the correct type of PAL (Park or Loan)
- Click the “Retrieve” button
- “Loan RO” – contract data for the loan contract
- “Loan Alloc” – scheduled loan activities



On the detail screen

Make sure the “Activity” button reflects the correct type of PAL (Park or Loan)
If it is a loan click the Loan button

Click retrieve again

Contract Balance PAL detail screens will display the daily PAL activity.

“Loan RO” column displays contractual data for PAL.

“Loan Alloc” Column displays scheduled PAL activities.

5

Contract Balance - Storage

Contract ID	Circ Type	Srvc Type	Beginning Balance	Injections Dth	Adjust (Fuel)	Withdrawals Dth	Current Month Bal	Transfers	Ending Balance
310726-FSMA	SFO	FSMA 150	3,040,790	61%152	(8,975)	300	3,650,667	(12)	3,650,655

Retrieves
WIVL2030 - Daily Contract Balance
WIVL2030 - Circ Point Activity
WIVL2030 - Circ Point Balance Activity
WIVL220 - Withdrawal Sessions
WIVL2240 - Withdrawal Variance by Leg
WIVL0070 - PALS Activity
WIVL0040 - IBS Activity

Print
Save As
Add to Favorites
Remove from Favorites

- Select the “Storage” button
- Select the “Prod”
- Enter the “Flow Date” and “Thru” date
- Click the “Retrieve” button
- To View details, select the record and right mouse click
 - Select “WIVL2030 – Daily Contract Balance” from the pop up window



To View the Contract Balance Storage – select the Storage on Type . The report displays the daily storage data for the contract

Select the “Prod” view.

Enter the “Flow Date” and thru date.

Click the “Retrieve” button.

To View details, select the record and right mouse click.

Select the “WIVL2030 – Daily Contract Balance” from the pop up window.

5

Contract Balance – Storage Details

Contract Info

NAESB Storage Information							
TSP Prop:	4052	TSP Name:	TENNESSEE GAS PIPELINE	TSP:	1999164	Svc Req Prop:	61000
Svc Req Prop:	61000	Svc Req Name:	TRNG-CHERRY NATURAL GAS	Svc Req:	6100000	Contact Name:	Scheduling Hotline
Contact Name:		Contact Phone:	(713) 369-0603	Report Date/Time:	5/14/2013 12:10:46 PM	Beg Date:	4/1/2013
Report Date/Time:		Beg Date:	4/1/2013	End Date:	4/30/2013	Report Type:	RTA
Svc Req K:	310726-FSMATGP	Ctrct Type:	SPO	Svc Type:	FSMA	Views:	
Views:						Production	Statement
							Retrieve
Effective Start Date	Effective End Date	Maximum Available Daily Withdrawal Qty (MDWQ)	Maximum Storage Capacity	Contract MDIQ	Contract MDWQ		
03/21/2013	10/31/2018	81,265	6,507,460	43,383	81,265		
Total	Beginning Balance	TT Desc: Storage Injections	Fuel Qty	TT Desc: Storage Withdrawal	Current Month Balance	TT Desc: Storage Inventory Transfer	Ending Storage Balance
	3,040,790	619,152	(8,975)	300	3,050,667	(12)	3,050,655
Day	Beginning Balance	TT Desc: Storage Injections	Fuel Qty	TT Desc: Storage Withdrawal	Current Month Balance	TT Desc: Storage Inventory Transfer	Ending Storage Balance
1	3,040,790	0	0	0	3,040,790	0	3,040,790
2	3,040,790	0	0	0	3,040,790	0	3,040,790
3	3,040,790	0	0	0	3,040,790	0	3,040,790
4	3,040,790	0	0	0	3,040,790	0	3,040,790
5	3,040,790	0	0	0	3,040,790	0	3,040,790
6	3,040,790	0	0	0	3,040,790	0	3,040,790
7	3,040,790	0	0	0	3,040,790	0	3,040,790
8	3,040,790	0	0	0	3,040,790	0	3,040,790
9	3,040,790	0	0	0	3,040,790	0	3,040,790
10	3,040,790	0	0	0	3,040,790	0	3,040,790
11	3,040,790	0	0	0	3,040,790	0	3,040,790
12	3,040,790	0	0	0	3,040,790	0	3,040,790
13	3,040,790	0	0	0	3,040,790	0	3,040,790
14	3,040,790	0	0	0	3,040,790	0	3,040,790
15	3,040,790	0	0	0	3,040,790	0	3,040,790
16	3,040,790	0	0	0	3,040,790	0	3,040,790
17	3,040,790	0	0	0	3,040,790	0	3,040,790
18	3,040,790	96,600	(1,401)	0	3,135,389	0	3,135,389
19	3,135,389	65,200	(945)	0	3,200,244	0	3,200,244
20	3,200,244	65,200	(945)	0	3,264,499	0	3,264,499
21	3,264,499	65,200	(945)	0	3,328,754	0	3,328,754

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The Middle section of the storage detail report displays the contractual data.

The second half of the report lists the daily storage activities.

6 Point Balancing Agreements

Report Date: 5/13/2013 5:39:39 PM													
Flow Date:		4/ 1/2013	Thru	4/29/2013									
Imbalance For:		<input checked="" type="radio"/> Customer			<input type="radio"/> Vessel	<input type="radio"/> Production	<input type="radio"/> Statement	<input type="checkbox"/> View OTS					
Positive Values - Pipeline owes Shipper Negative Values (-) - Shipper owes Pipeline											<input type="button" value="Retrieve"/>		
Contract	Contract Service Y Type	Beginning Balance	Receipt Scheduled Dth	Delivery Scheduled Dth	Receipt Allocated Dth	Delivery Allocated Dth	Receipt Oper Sched Dth	Delivery Oper Sched Dth	Receipt Oper Allocat Dth	Delivery Oper Allocat Dth	Net Activity Dth	Ending Balance	
123-MMATGP	LMMA	0	0	0	0	207,441	0	0	0	0	(207,441)	(207,441)	

Retrieval Options:

Print
Save As
Add to Favorites
Remove from Favorites

- To retrieve balancing agreements, enter the “Flow Date” and click the “Retrieve” button
 - “Receipt Scheduled Dth” – Any scheduled payback TO TSP
 - “Delivery Scheduled Dth” – Any scheduled payback FROM TSP
 - “Receipt Allocated Dth” – Volume Due From TSP
 - “Delivery Allocated Dth” – Volume Due To TSP
 - “Ending Balance” – Positive - Volume Due From TSP, Negative - Volume Due To TSP
- To View details, select the record and right mouse click
 - Select “WIVL1151 “Daily Bal Contract Summary” from the pop up window



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The sixth report is the Point Balancing Agreements.

The report displays imbalances for OBAs.

To retrieve balancing agreements, enter the “Flow Date” and thru date
click the “Retrieve” button .

There are several data elements that deserve attention. These data elements are outlined in red

“Receipt Scheduled Dth” will display Any scheduled payback TO TSP
“Delivery Scheduled Dth” – will display scheduled payback FROM TSP
“Receipt Allocated Dth” will display Volume Due From TSP
“Delivery Allocated Dth” will display Volume Due To TSP
For the “Ending Balance” a Positive Volume is Due From TSP whereas a Negative Volume is Due TO TSP

To View details, select the record and right mouse click.

Select the “WIVL1151 “Daily Bal Contract Summary” from the pop up window

6

Point Balancing Agreements

Report Date: 5/13/2013 5:41:54 PM							Flow Date:	1/2013	Thru	4/29/2013	
Contract: 123-MMATGP Service: LMMA		Notes: Positive Values - Pipeline Owes Shipper Negative Values (-) - Shipper Owes Pipeline					View: Production Statement View Report				
Day	V	Beginning Balance	V	Receipt Allocated Dth	V	Dlyy Allocated Dth	V	Net Activity Dth	V	Ending Balance	V
1		0		0		207,441		(207,441)		0	
2		0		0		0		0		0	
3		0		0		0		0		0	
4		0		0		0		0		0	
5		0		0		0		0		0	
6		0		0		0		0		0	
7		0		0		0		0		0	
8		0		0		0		0		0	
9		0		0		0		0		0	
10		0		0		0		0		0	
11		0		0		0		0		0	
12		0		0		0		0		0	
13		0		0		0		0		0	
14		0		0		0		0		0	
15		0		0		0		0		0	
16		0		0		0		0		0	
17		0		0		0		0		0	
18		0		0		0		0		0	
19		0		0		0		0		0	
20		0		0		0		0		0	
21		0		0		0		0		0	
22		0		0		0		0		0	
23		0		0		0		0		0	
24		0		0		0		0		0	
25		0		26,157		(26,157)		(26,157)		0	
26		0		63,594		(63,594)		(63,594)		0	
27		0		52,992		(52,992)		(52,992)		0	
28		0		55,762		(55,762)		(55,762)		0	
29		0		8,936		(8,936)		(8,936)		0	

The detail report displays the daily activities for the contract.

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RNPP Imbalance Percent

TSP: 4052 - TENNESSEE GAS PIPELINE AGENT: 61000 - TRNG-CHERRY NATURAL GAS SVC REQ: 61000 - TRNG-CHERRY NATURAL GAS						
Note: Imbalance Percent is a projection based on best available information For the latest RNPP calculations please refresh the screen						
Last Updated: 4/29/2013 1:17:10 PM						
		Current Flow Date 3/3/2013		Previous Flow Date 3/2/2013		
Region ▼	Date ▼	Operational Imbalance Percent Due From(To) TSP		Date ▼	Operational Imbalance Percent Due From(To) TSP	
Market	3/3/2013	-23.20%	3/2/2013		6.30%	
Supply	3/3/2013	-13.35%	3/2/2013		-15.61%	

- Show the pipeline position for the current day and previous day



The Final report is RNPP Imbalance Percent.

The report displays the net pipeline position for the current and previous day.

One important note regarding flowing gas or allocation in DART is that:

The reports will only display data from Sep 1 forward. For historical data you will need to log in to Passkey. We are still working on the data retention period but there will be at least 6 months of historical data available.

Central Delivery Point (CDP)

- An aggregation of delivery PINS/points for a specific operator that allows customers to transact at a CDP (logical point) instead of the physical points
 - EX: Nominations, confirmations, and scheduling but not contracting
- Customers' primary rights are summarized at the CDP level
- In general, physical locations included in the CDP have to follow the same rules and guidelines as the balancing agreements (can't cross legs, zones, etc.) as well as any other operational considerations as determined by TGP
- Once a CDP is established, physical points associated with the CDP are not available for nominations
- A CDP is specific to an operator



The next item on the agenda is Central Delivery Point or (CDP)

A CDP is

An aggregation of delivery PINS for a specific operator that allows customers to transact at a CDP instead of the physical points .

In other words, a shippers can nominate a delivery to a CDP (which is a logical point) instead of nominating delivery to several physical PINS

The CDP will only impact Nominations, confirmations, and scheduling but not contracting.

Customers' primary rights are summarized at the CDP level.

In general, physical locations included in the CDP have to follow the same rules and guidelines as the balancing agreements and as well as any other operational considerations as determined by TGP. For instance, the PINs included in the CDP can't cross pipeline legs and zones .

Once a CDP is established, physical points associated with the CDP are not available for nominations.

A CDP is specific to an operator.

If you are interest in the CDP , please let use know as soon as possible.

Report Subscriptions

Report Subscriptions – Available Reports

Scheduled and Allocated Quantities

Storage Balance and Fuel Retained Report

Month To Date Imbalance Allocation Details



Report Subscriptions. – the report subscription is still a work in progress, however, following are types of reports that will be available.

Scheduled and Allocated Quantities

Storage balance and Fuel retained reports

Month to Date imbalance allocation Details

Email Notifications

Email Notifications – for those who did not have a chance to attend the general navigation Webex on 5/22. I would like to go through the process to subscribe to various notices for DART.

Business Preference

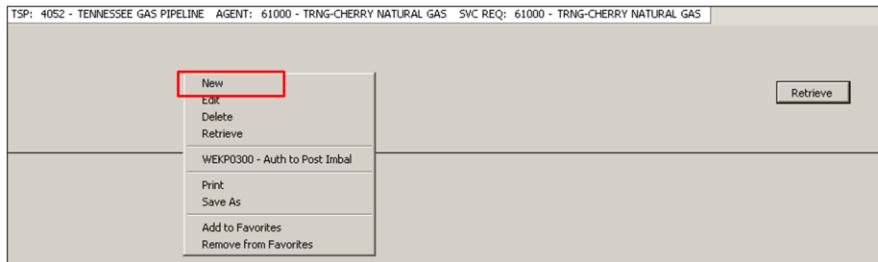
– Set up Email Notifications



- Business Preference – setup email to receive notices

Navigate to Preference and select business preference

Business Preference – Set up Email Notifications

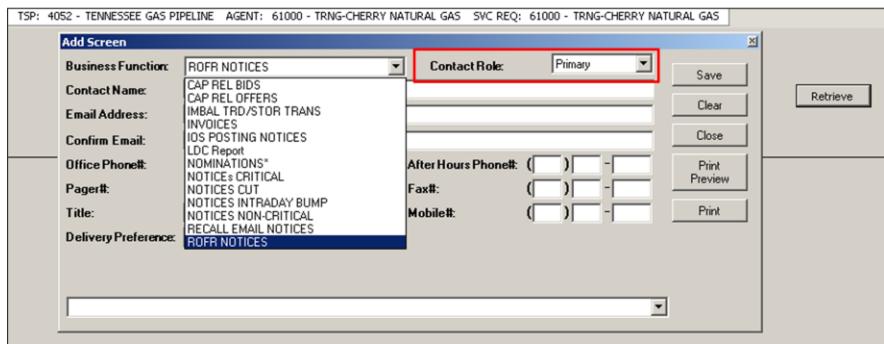


- Right mouse click and select “New”



Right mouse click and select “New” from the pop up window

Business Preference – Set up Email Notifications



- Click the drop down box under the “Business Function” and pick the category to receive email notices
 - Imbal Trd/Stor Trans – imbalance trades and storage transfers
 - Notices Critical – critical notice is posted. A link to the notice is embedded in the email.
 - Notices Cut – any scheduling or confirmation cuts after each cycle
 - Notices Intraday Bump – an intraday bump occurs
 - Notices Non-Critical – non-critical notice is posted. A link to the notice is embedded in the email.
- Select the “Contact Role”. User can set up
 - Primary, Backup or both to receive a particular notice

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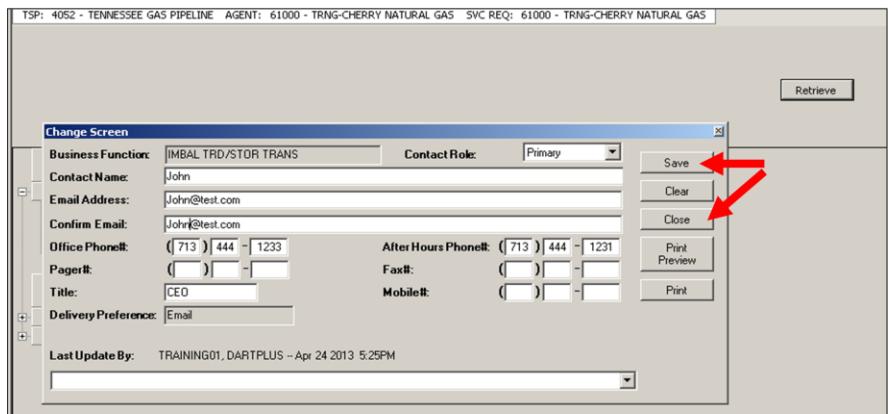
System will display a selection screen.

Click the drop down box under the Business functions and pick the category to receive email notice.

There are various categories e.g Notices Critical, Notice cut. I just listed some of the categories that may be useful for the confirmation parties.

User can set up a primary or backup or both to receive the email notifications.

Business Preference – Set up Email Notifications



- Input the contact information for each applicable category
 - Click the “Save” button
 - Click the “Close” button



Enter the contact information for each applicable category. Click the save button and the close button

Reminders

- Obtain DART Access
 - New and existing DART users will need to execute a new licensing agreement and assign a new ESA for TGP
 - For Confirmation, customer's ESA will need to assign the following roles
 - ✓ Confirmations
 - ✓ Nominations
- Review Tutorials – How do I.....?
- Capacity Release WebEx June 13, 2013
- Invoice WebEx September 11, 2013



There are several important reminders.

Hopefully, you can hear the alarm on this slide. The alarm means that time is running out. Sand box will be available on 6/17.

In order to login to the Sandbox, ALL existing DART users and new users will need to execute a new licensing agreement and assign a new ESA for TGP.

I entrusted all the participants today will executed the licensing agreement right after this presentation.

For confirming party, your company's ESA will need to assign the following 2 roles:
- Confirmation role and the Nominations role.

Another reminder is to review various on line tutorials and training materials.

The next Webex presentation will be Capacity Release on June 13

And finally, the last but not the least, Invoice Webex will be on 9/11.

Timeline

Date	Event	Location
13-Jun	WEBEX - Capacity Release	WebEx
17-Jun	Sandbox Opens	Online
June 18-20	Regional Training	Houston, TX
July 9-11	Regional Training	Enfield, CT
July 16-18	Regional Training	Newark, NJ
July 23-25	Regional Training	Houston, TX
Aug 6-8	Regional Training	Nashville, TN
Aug 13-15	Regional Training	Houston, TX
19-Aug	DART Open for September 1 st Business	Online
Aug 20-21	Open Workshops	Houston, TX
Aug 27-28	Open Workshops	Houston, TX
1-Sep	DART Goes Live	Online
11-Sep	Training - Invoices	WebEx



This is the general time line before the September 1 implementation.

Key dates.

Capacity release webex 6/13.

Sand box open on 6/17.

Regional trainings.

Open workshops will be available in Mid Aug.

SANDBOX

– What to Expect

- Functionality
 - Capacity Release
 - Nomination
 - Confirmation
 - Scheduled Quantities
 - Flowing Gas including PDAs



The Sand Box will mimic production functions.

Following functions will be available in the sandbox.

Capacity Release
Nomination
Confirmation
Scheduled Quantities
Flowing Gas including PDAs

Reference Material On-line

- Access available via the TGP Portal
 - *Other Postings/Other Information/Training*
 - Video Tutorials
 - *Other Postings/Other Information/ Conversion to DART*
 - Sampling of information currently posted:
 - TGP to DART Entity Cross Reference
 - TGP PIN Cross Reference
 - Nomination Upload Template/Guide
 - EDI Nomination Examples
 - DART License Agreement/ESA



There are quite a few on line reference materials. These materials are available via TGP portal page

The video tutorials will be posted on Other Postings /Other information/Training.

New tutorials are being loaded periodically.

Other training materials like various Webex presentations will be posted on Other Postings/Other information/Conversion to DART

Sampling of information currently posted:

- TGP to DART Entity Cross Reference
- TGP PIN Cross Reference
- Nomination Upload Template/Guide
- EDI Nomination Examples
- DART License Agreement/ESA

Where To Find DART info – TGP Homepage

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Where to find Dart Information via TGP Portal page

[Go to Other Postings](#) [Go to Other Information](#). The material will be posted in the folders

- Conversion to DART
 - Training



Questions and Comments

Email: TGPDart_Training@kindermorgan.com



You can email the training team questions and comments to the following email address.

TGPDart_training@kindermorgan.com

Again, thank you for your time.