Imbalance Resolution

This packet provides information regarding the managing and resolution of imbalances.

Gulfstream

Imbalance Resolution

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Important Information – Please Read

The information provided herein is for informational purposes only and does not modify any provision in Gulfstream's FERC Gas Tariff. If a conflict exists between this information and Gulfstream's FERC Gas Tariff, the provisions in Gulfstream's FERC Gas Tariff apply. Gulfstream makes no representation or warranty as to the completeness or accuracy of this information. Gulfstream shall not be liable for any informational errors, incompleteness or delays, or for any actions taken in reliance on this information.

To review the tariff language specific to any topic, go to <u>Gulfstream's Informational</u> <u>Postings page</u>, and select **Tariff** from the left hand navigation menu.

Introduction

This module will discuss 1Line tools available to monitor and then minimize (through makeup and then netting and trading) imbalances on the pipeline, until the final imbalance resolution by cash out is reached.

Accounting Period vs. Production Month

The Production month is the month in which flow occurs. The Accounting month represents when the activity occurred. The balances timeline is a two month process. The first month is the production month in which the imbalances are created and the second month is when the resolution of the imbalance occurs. In the current accounting month you can make-up imbalances that occur during the month. For the first 17 business days of the current accounting period you are allowed to trade the previous month imbalances. The imbalances not traded at the end of the 17 business days will be cashed out and shown on the current month invoice. A diagram is shown below of this process.



Monitoring Imbalances

Imbalances occur when the allocated delivery amount is greater or less than the allocated receipt amount. Each day, imbalances are added together and grouped by Contract/ Zone/ OIA. They are calculated on a daily basis and held at the transaction level. If a party is in a **Due To** position, they are long on the pipeline and the pipeline owes the shipper gas. If a party is in a **Due From** position, they are short and owe the pipeline gas. Imbalances are subject to change until allocations are closed for the production month, generally the 5th or 6th of the following month.

Viewing Monthly Summary

The Monthly Summary page in 1Line is one place where your imbalances may be viewed. This page gives you a snapshot of your current imbalance situation. The Monthly Summary page allows you to view monthly imbalances by Zones and OIAs. You also have the option of looking at Aggregated and Daily Transactions.

To view your current month imbalances:

1. Select: Navigation> Flowing Gas> Imbalance> Monthly Summary

ne	Navigation - +		
Home	Nominations		
	Flowing Gas	→ PDA →	
	Invoicing	Allocation	
	Capacity Release	Imbalance	Monthly Summary
	Contracts	Measurement	Yearly Summary
	Discounts	Park and Loan Balances	Trade Summary
	Customer Information	CLOSED CLOSED	Trade Details
	Administration	CLOSED CLOSED	Imbalance Resolution Summary
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Prelim	inary August and September Invoices	s are now available	
Month	nly Invoices for July are Final		
Augu	st trading is Open until 11:59 PM on W	/ednesday 09/26	
Septe	ember trading Opens on Monday	10/01	

2. Fill in the required **Accounting Period** and **Svc Requester** fields. You have the option of filling in other filters such as Rate Schedule and Zone to narrow your search.

Home Navigation - +	Measurement	Pipelines 🔻 Tools 🔻	Reports	Print Logoff
Monthly Summary			ennador danarrice ar cent	
Flowing Gas> Imbalance> Monthly Summary				ACTIONS MENU V
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* Acct Per: 08/2012 * Svc Reg Name/Prop: ABC Producer/990002 Rate Schedule:	•	Loc ID (Prop)	:	
0IA: 1 Svc Req K: <u>Contract</u> Zn ID: GZN1	Zone ID			
Display Zero Imbalances: Select All For Aggregated Transactions				
Retrieve				

- 3. Once you are done click **Retrieve**.
 - You will see a monthly summary of each contract imbalance by OIA/Zone and any PPAs subject to cash out. You will also see what your imbalance percentage is as of the current date. It is best to monitor this daily to avoid tiering.

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View Aggregated Transactions

To view Aggregated Transactions of the imbalance:

Select any row and select **Actions Menu or right click menu to > View Aggregated Transactions**.

• A list of transactions will populate aggregated by Contract. Additional filters may be used to refine your search.

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08/01/2012	08/31/2012	1234567	01	1	GZN1	8205175	Destin	7654321	ABC Plant			BP TERM	513,681	11,043	467,094	35,544 0	т
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View Daily Transactions

To view daily imbalances for a transaction, select **Actions Menu or right click menu to** > **View Daily Transactions**.

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F13-0	9	90002	View Daily Transaction	IS		1	GZN1	39,208 DT	U	39,208 DT	U	909,101		4.17	
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PPA Avail 1	A vail for Trd - Denotes PPAs that are incorporated into current month imbalances (where the contract indicator of PPA Included = Yes)														

- 1. A list of Transactions will populate by Flow Date.
 - You will be able to see the receipt and delivery allocated quantities as well as the ending imbalance quantity amounts. You can add additional filters to refine your search.

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08/01/2012	01	1234567	8205175	Destin	7654321	ABC Plant		1		BP TERM	1,441	31	203	1,207 DT	
08/02/2012	01	1234567	8205175	Destin	7654321	ABC Plant				BP TERM	1,441	31	0	1,410 DT	
08/03/2012	01	1234567	8205175	Destin	7654321	ABC Plant				BP TERM	1,441	31	0	1,410 DT	

View Yearly Summary

To view imbalances for a year, select **Navigation>Flowing Gas>Imbalance>Yearly Summary.**

Home	Navigation - +			Measurement	Pipelines 🔻	Tools 🔻	Reports	Print	Logoff
Home	Nominations >							10000401000940	
	Flowing Gas 🔹 🕨	PDA 🔸							
	Invoicing >	Allocation +							
	Capacity Release 🔹 🕨	Imbalance •	Monthly Summary						
	Customer Information	Measurement •	Yearly Summary						
	Downloads •	Park and Loan Balances	Trade Summary						
	Informational Postings	CLOSED CLOSED	Create Trade						
	Site Map	CLOSED CLOSED CI	Trade Details						
Mon	thly Status		Imbalance Resolution Summary						
			Auto Post Imbalances						
Alloca	ations Data is available through 09/09/2	012							
Alloca	ations for July are Final								
Imba	lance data is available through 09/09/20	012							
Imba	lance data for July is Final								
Prior	Gas Day Changes for SEP,2012 availab	ole through 10/02/2012							
Prior	Gas Day Changes for JAN,2012 - JUL,	2012 available through 08/25/2012							
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Month	nly Invoices for July are Final								
Augu	st trading is Open until 11:59 PM on We	dnesday 09/26							
Sept	ember trading Opens on Monday 10/0	1							

This view will allow you to retrieve the most recent three years of data, up to 12 months at a time. The default view is summarized by zone with the ability to expand each zone to show detail by contract. You have the ability to retrieve data summarized by zone or by contract. To expand just ONE line of date, click the "+" to the left of that row. Keep in mind that Gulfstream only has one zone, unlike Transco which has multiple zones.

Ho	me Navigat	ion 🔻 🔸																			То	ools 🔻	Repo	rts	Print	Logoff
Ye	arly Summary										_												ALLOW CONTRACT			
Flo	wing Gas> Imba	ance> Yearly \$	Summ	ary																						
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	* Svc Req Prop/Name: ABC Producer/990002 V * Beginning Month: 09/2012 V * Ending Month: 09/2012 V																									
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Make-Up Transactions

One way to mitigate imbalances during the month is through the use of make-up transactions. These transactions use a Transaction Type (TT) 03 or 04 nomination. To see if the pipeline's operating conditions are currently allowing for the acceptance of make-up transactions, check Critical Notices that may restrict imbalance make-up transactions. Transportation charges are assessed on delivery makeup transactions.

Due To Shipper	Due From Shipper
Long on the Pipe	Short on the pipe
TT 03	TT 04
Delivery Makeup	Receipt Makeup
(Deliveries< Receipts)	(Deliveries > Receipts)

Due To

If you are in a Due To situation then during the month your receipts exceeded your deliveries. To resolve this imbalance a makeup nomination with a Transaction Type 3 is submitted. Shippers can schedule the payback at any delivery point on the system. In the example below, the shipper is paying back an imbalance to the ABC Plant.

Nom Status	Retro Status Retro Request ID	Svc Req K Svc Req Name	Beg Date C End Date	. Beg Time 🖕	TT 🗘	Package ID	Rec Loc Prop 🗘 Name 🌲	Rec Qty	Fuel %	Up K 🗍 Up ID Prop-Name 🌲	Rec Rank Del Rank C	Del Loc Prop	Del Qty 🖕	Dn K Dn ID Prop-Name
Submitted N		1234567 ABC Prod	03/15/2012	09:00 • 09:00 •	03 TIMELY	IMB/HARDEE	8205290 GS PAYB		0.0	-	1	ABC Plant	10000	1234567 990002 ABC Producer

Due From

If you are in a Due From situation then during the month your deliveries exceeded your receipts. Therefore to resolve this imbalance a makeup Transaction Type 4 is submitted. In the example below, the shipper is nominating a receipt make-up at Destin.

Nom Status	Retro Status Retro Request ID	Svc Req K Svc Req Name	Beg Date Date	Beg Time 🍦	TT 🗘 Cycle 🇘	Package ID	Rec Loc Prop	Rec Qty	Fuel %	Up K 🗘 Up ID Prop-Name 🌲	Rec Rank Del Rank	Del Loc Prop	Del Qty 鏱	Dn K Dn ID Prop-Name
Submitted N		1234567 ABC Prod	03/15/2012	09:00 • 09:00 •	04 TIMELY		8205175 Destin	10000	0.0	-	1	ABC Plant		1234567 990002 ABC Producer

Imbalance Trading

Once the production month has ended customers have the option to trade their eligible imbalances. Allocations are subject to change until they are finalized around the 5th or 6th day of the following month. *Caution: trading prior to the close of allocations may potentially worsen, rather than improve, your imbalance position if changes to allocated quantities occur between the time you trade and when allocations close.* When allocations are final, it will be indicated under the **Monthly Status** tab on the <u>Informational Postings</u> page. Prior month imbalances can be traded from the 1st of the month until midnight of the 17th business day. Only users with the **Trade Balances** role can create or edit trades. Once an imbalance has been traded and confirmed, it **CANNOT** be undone.

Trade Summary

This page shows all information pertaining to managing potential trades and monitoring your postings. On the **Trade Summary** Page, a drop down filter for **Posted Trade Contact** has been provided to allow any contact with the trade balances role to set anyone else with the same role as the person to contact when posting imbalances. If a Balance Trade Contact has been set, that person's name will appear first in the list and the person who initiated the trade is shown on the <u>Informational Postings</u> page.

1. To view the **Trade Summary** screen select **Navigation>Flowing Gas> Imbalance> Trade Summary.**

Home	Navigation - +				Measurement	Pipelines 🔻	Tools 🔻	Reports	Print	Logoff
Home	Nominations									
	Flowing Gas 🔹 🕨	PDA								
	Invoicing +	Allocation								
	Capacity Release 🔹 🕨	Imbalance	•	Monthly Summary						
	Customer Information	Measurement		Yearly Summary						
	Downloads •	Park and Loan Balances		Trade Summary						
	Informational Postings	CLOSED CLOSED	CL	Create Trade						
	Site Map	CLOSED CLOSED	CL	Trade Details						
Mont	hlv Status			Imbalance Resolution Summary						
	,			Auto Post Imbalances						
Allocat	tions Data is available through 09/09/2	012								
Allocat	tions for July are Final									
Imbala	ance data is available through 09/09/20)12								
Imbala	ance data for July is Final									
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Prior G	Sas Day Changes for JAN,2012 - JUL,2	2012 available through 08/25/201	2							
Prelim	inary August and September Invoices	are now available								
Month	ly Invoices for July are Final									
Augus	t trading is Open until 11:59 PM on We	dnesday 09/26								
Septe	mber trading Opens on Monday 10/01	1								

2. The current or earliest trading period and latest imbalance data available will be displayed. Fill in your **Svc Requester ID** and any other information and then select **Retrieve**.

Home N	lavigation	▼ +													Measur	ement	Pipelines 🔻	Tools	 Repo 	rts P	rint Logo
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schedule	к –	Ŧ	Prop	ш <u>–</u>	ш <u>–</u>	FIOW	Imb	Trd	IMD(1) -	Up –	Trades	IMD -	Pending	status	_ Up	Month	Posted A	Amt P	osted Date	FBB	On/Off
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							.o. mae														
PPA Avail for	m Servic Trd - De	notes PPAs that are i	incorporated into cu	rrent m	onth i	mbalanc	es (wh	ere th	e contract	indicat	or of PPA I	ncluded	= Yes)								

- 3. To manually post your imbalances select the appropriate row and fill in the **Posted Amount** and the **Posted Date**.
- 4. Then Select **Post/ Unpost Imbalances** from the actions menu or right click your mouse.
 - To Post all imbalances, check the Select All for Post/Unpost 100% of Imbalance checkbox
 - If you check the Post 100% checkbox the entire amount will be posted

Create Trade

The **Create Trade** page provides a worksheet to build trades and submit them in pending status or save them in WIP status. There are three types of trades: self trade, pre-arranged and non-prearranged. The party with the DT (Long) imbalance is responsible for all fuel and trading fees. Either the long party or the short party can initiate a trade.

On the **Create Trade** page, information populated in the master section of the page will automatically filter for and display imbalances in the opposite direction in the same OIA.

Create Trade Actions

Calculate Fuel/Validate
Create Trade
Save Trade As WIP
Submit Trade
View Available Trades

Calculate Fuel/ Validate – Allows you calculate any fuel percentages.

Create Trade – Allows you to conduct trades and view imbalances.

Save Trade as WIP - Allows you to save the trade as a work in progress. Similar to what you do to a nomination.

Submit Trade - Allows you to submit the trade(s) in pending

View Available Trades - Allows you to view trades that are in the opposite direction.

Creating a Trade

1. From the **Trade Summary** screen, select the imbalance to be traded and either from the action menu or right click menu **Create Trade**.

Home Navigation + +		Mea	surement Pipelines	▼ Tools ▼ Report	ts Print Logoff
Trade Summary					
Flowing Gas> Imbalance> Trade Summary					ACTIONS MENU 👻
Filters					COLLAPSE @
* Acct Per: 09/2012 * Svc Reg Name/Prop: ABC Producer/990002	•	SvcReq K:	Contract	Rate Schedule:	•
OIA: 1		Zn ID: GZN1	Zone ID	Posted:	Yes,No 🔻
	splay Zero Imbalances:			Posted Trade Contact:	
Select All For Post/Unpost 100% Imbalance					
Retrieve Clear					
August trading is Imbalance d	Open until 11:59 PM W ata is available through 0	/ednesday, 9/26)8/31/2012			
	Imbalance Trading Info	rmation	Post	ing Information	
	August 2012				
			Amt Post		
Suc. PPA	OBA	Amtin	Avail 100%		Auth to
Rate Req // Holdor Name / Dron Svc Req Name / OIA Zn Net Prod Avail Create Self Trade	Beg Trd Make Conf R	temain Trd Amt WIP	Make Imb		Imb to Auto Post
Schedule K Create Trade	Imb(1) Up Trades Ir	mb Pending Status	Up _ Month Pos	ted Amt Posted Date	EBB _ On/Off _
CLC 1234567 Post/Unpost Imbalance(s) roducer/ 5 GZN1 64,157 DT 0	64,157 DT	64,157 DT			No Off

2. Once you select the **Create Trade action** you will see a list of all the posted imbalances that are in the opposite direction of your imbalance.

Hor	ne Navigation 👻	÷	_					_					Measu	urement	Pipelines	▼ To	ools 🔻	Reports	s Print	Logoff
Tra	ide Summary 🗙	Create Trade 🗙																and access	ne en el esta en el est	
Flov	ving Gas> Imbalance>	Create Trade																	астю	IS MENU 👻
													Search suc	cessfully	completed. F	le cords fo	und for po	sted list:	1	
Imbala	nce Period - Initiatir	ng Trader (Imb Per - I	init Irdr)																(
Ira	de List																		001	
						Augus	t trading	is Oper	n until 11:5	9 PM V	Vednesda	ay, 9/20	6							
	Initiating Party Confirming Party Imb																			
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AB 99	C Producer 0002	Trader Joe	1234567		0704	64,157	04457		Ne	DT							0704	DE		
AB	C Producer	555-555-1234			GZINT V	DT	04157		NU V	DI							GZINT V	DF		
99	0002																			
Other	Balances Available	for Trade																		
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Po	sted List																		001	LAPSE A
	K Holder Name/ ID Svc Req/Svc Req ID Svc Req Contact Svc Req Phone Svc Req K Posted Imb Qty Imb Dir Rate Schedule OIA ID Zn ID Net Flow													-						
XY	Z Company / 999999		XYZ Company	/ 999999			Trey Durrs		555-123-5313	3 13	57975	47,97	70 DF	DF			1	GZN1		

3. Select the contract you want to trade with and select the **Create Trade** action from your right-click menu.

Home Navigation - +		_					Measurement	Pipelines 🔻	Tools 🔻	Reports	Print	Logoff		
Trade Summary 🗙 Create Trade 🗙														
Flowing Gas> Imbalance> Create Trade							0				ACTION	S MENU 👻		
Imbalance Period - Initiating Trader (Imb Per	- Init Trdr)						Search successfully	completed. Recol	as round for p	osted list:	1			
Trade List	,										COLI	APSE D		
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		Augus	t trading is Ope	n until 11:5	9 PM W	ednesday, 9/20	6							
Initiating Party Confirming Party														
Init Trdr Name/ Prop/ Init Trdr Contact	K-Init OIA-Init	Qty	Trdr Qty	Prearranged	Imb Trd Dir	Conf Trdr Name/	Conf Trdr	K-Conf OIA	Conf	Imb Trd	Trade			
K Holder Phone	Irar _y Irar _y	Zn ID _ Avail _	Red Fuel	Irade	Desc	Prop/ K Holder	Contact			, Dir ,	Status	100		
ABC Producer 990002	1234567	64.157								_		_		
ABC Producer 555-555-1234		GZN1 ▼ DT	64157	No 🔻	DT			1	→ GZN1 →	• DF				
Other Balances Available for Trade														
All Trades Available	/		Calculate Fuel/Valio	date										
Posted List			Create Trade	_							COL			
			Save Trade As WIF											
K Holder Name/ ID 🤤	Svc Req/Svc Re	eq ID 💭 Sv	Submit Trade	eq Phone	Ç Svc I	Req K 🤤 Posted Iml	b Qty 🏮 Imb Dir 🌻	Rate Schedule		Zn ID 🤅	Net Flow	÷		
XYZ Company / 999999	XYZ Company / 999999		View Available Trad	es	1357	975 47,97	0 DF DF		1	GZN1				

4. Both the initiating party and confirming party will be populated and once you verify your information, select the **Submit Trade** action. A message will appear at the top of the screen if the trade is successful.

Calculate Fuel/Validate	
Create Trade	
Save Trade As WIP	
Submit Trade	
View Available Trades	
•	
nas been successfully validated.	
	COLLAPSE A

Creating a Self Trade

A customer has the option to trade imbalances with themselves. If you want to trade with yourself go to the **Create Trade** page. When the **Create Self Trade action** is selected, only your data is displayed in the detailed portion of the **Create Trade** page. Even if you do a self trade you must go to the **Trade Details** screen to confirm.

1. From the **Trade Summary** page select the contract you want to trade with and then select the **Create Self Trade** action. During a self trade action the system matches volumes in offsetting position within the same zone. You can also initiate trades from the **Create Trade** page.

Trade Su	ummary																				
Flowing	Gas> Imbal	ance> Trade	e Summary																(ACTIONS MEN	1U 👻
Filters																				COLLAP	SE A
* A	cct Per:	09/2012 💌		* Svc Re	q Name/Pr	op: AB(COMPAN	Y/999999		-	Sv	Req K:			Contract		Rate	Schedule:		•	
					C	0IA: 1 2						Zn ID:			Zone ID			Posted:	Yes,No	·	
									isplav Zer	o Imbalan	ces:						Posted T	rade Conta	ct: Trader	Smith	-
□ Se	lect All Fo	r Post/Unp	oost 100%	Imbalanc	e																-
Retri	eve	Clear																			
David	land 1													Search s	uccessfully	completed. I	Records fou	nd: 10			
Down	load	Select	All																		
							Augus Im	t trading balance	is Open data is a	until 11: vailable	59 PM W through	ednesd 08/31/20	ay, 9/26 012								
							Imbalance data is available through 08/31/2012 Imbalance Trading Information Posting Information														
										Augus	st 2012										
Rate Schedule	Svc Req	K Holder Name/ Prop	Svc Req Name/ Prop		Zn ID 🏮	Net Flow	Prod Month Imb	PPA Avail for Trd	Beg Trd Imb(1)	OBA Make Up	Conf Trades	Remain Imb	Trd Amt Pending	Amt in WIP Status	Amt Avail For Make Up	Post 100% of Imb for Month	Posted Amt	Posted Date	Auth to Post Imb to EBB	Auto Post On/Off	
		ABC	ABC																		<u> </u>
П	123456	Company / 9999999	Company / 9999999	1	1		136 DF	0	136 DF		24 DF	112 DF							No	On	
											Cre	ate Sel	fTrade		վեր						
		ABC	ABC								Cre	ate Tra	de		~						
п	123456	Company / 9999999	Company / 9999999	1	2		282 DT	0	282 DT		Po	st/Unpo	st Imba	lance(s	5)		282	09/05/2012	Yes	On	
FT	123457	ABC Company / 9999999	ABC Company / 9999999	1	2		24 DT	0	24 DT		24 DT	0				Posted	0		Yes	Off	

2. Trade information will appear on both the top and bottom screens. Make sure the **Self Trades Only** action is selected.



- 3. Select the record of choice and then select the **Submit Trade** action.
 - You will still have to confirm the trade on the **Trade Details** page

Trade Details

The **Trade Details** page allows you to manage and review trades and see all trading transactions in an Accounting Period. From this page you can confirm, submit, edit, reject or withdraw imbalance trades. If you are the Trade Agent you may also conduct trades.

Trade Details Actions

Calculate Fuel/Validate WIP
Comments
Confirm Pending
Delete WIP
Edit WIP
Reject Pending
Submit WIP
Withdraw Pending

Calculate Fuel/ Validate WIP – Allows you to calculate any costs incurred through trading.

Comments - Allows the trading parties to put comments that can be viewed internally or externally as a tool to communicate. This allows you to put notes on trades.

Confirm Pending – Allows you to confirm a pending trade.

Delete WIP – Allows you to delete any WIP trades that have not yet been submitted.

Edit WIP – Allows you to edit any WIP trades that may have been submitted.

Reject Pending – Allows you to reject a trade prior to being confirmed.

Submit WIP – Allows you to submit a WIP trade but does not confirm it.

Withdraw Pending – Allows you to withdraw a trade that is pending.

Status (filter) – Allows you to zero in on more specific trades. Statuses include: Confirmed, Expired, Pending, Rejected, WIP and Withdrawn

1. To get to the **Trade Details** page select **Navigation>Flowing Gas> Imbalance> Trade Details**



- 2. Once you arrive at the **Trade Details** Page you can confirm or reject any pending trades that you have. The confirming party will also go to this page to confirm or reject a trade.
 - A Tracking ID (Trk ID) number corresponds with each trade

H	lome	Navigation	▼ +											Mea	asureme	nt P	ipelines		s ▼ Re	ports	Print	Logoff
	Trade S	Summary 🗙	Create Trad	e x Tra	de Details	×				~~~												
	lowing	Gas> Imbalance	e> Trade Details	\$																	ACTIONS I	MENU 👻
	liters																				COLLA	PSEA
	* Acc	t Per: 09/201	2 -	Svc Req Name	e/Prop:	ABC Pr	oducer	/ 990002	2		s	vc Req K:				Contract	S	tatus:	-]		
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		Initiating Party Confirming Party Transport																Last Up	dated			
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10	Trk	Name/ Prop	Name/	Contact/	K-Init Trdr		Zn ID	Desc	Name/	Name/	Contact/	K-Conf		Zn ID ^	Desc	Qty Reg	Fuel Ofv	Rsp Desc	Date	User	Commen	rts 👘
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	1	/ 90002	/ 990002				20	01	555555	000000				20		41510			2012-03-11			
													C	alculat	e Fuel/V	alidate V	/IP					
													c	onfirm	Pending							
(1)	DF - FF	ROM Init Trdr	; DT - TO Init	Trdr									D	elete V	VIP							
													E	dit WIF)							
													R	eject P	ending							
													S	ubmit \ /ithdrav	WP v Pendir	Ia						
														nanurav	er enuli	9						

3. Input comments related to the trade(s), if desired. To input comments, select the row, key in comments of the applicable trades, and select the **Comments** action.

Home	Navigation	▼ +											Mea	asureme	nt P	ipelines	▼ Tool	s 🔻 🛛 R	eports	Print	Logoff
Trade	Summary 🗙	Create Trad	e x Tra	de Details	×				~~~				~								
Flowing	Gas> Imbalance	e> Trade Details																		ACTIONS	MENU 👻
Filters																				COLL	PSE 6
* Acc	t Per: 09/201	2 🗸 *5	ovc Req Nam	e/Prop:	ABC Pr	oducer	/ 990002	2		S	/c Req K:				Contract	S	tatus:		•		
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Dow	nload	Select All																			
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		Initia	ting Party							Confirming	Party							Last U	pdated		
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							lmb							Imb			Status	_			
Imb Trd Trk	K Holder Name/ Prop	Init trd Name/	Init Trdr Contact/	K-Init	OIA	Zn	Trd Dir Desc	K Holder Name/	Conf Trd Name/	Conf Trdr Contact/	K-Conf	OIA	Zn	Trd Dir Desc	Trd r Qty	Trd Fuel	Imb Trd Rsp		User		
ID 🌻	÷	Prop	Phone 🏮	Trdr	ID	ID	(1) 🗍	Prop	Prop 🏮	Phone	Trdr	ID 🗍	ID	(1) 🗍	Req 🏮	Qty 🌐	Desc	Date 🏮	ID 🌻	Comme	nts
								XYZ Company/	XYZ Company/												
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												t	cait VVIF	endina	_						
													ubmi <u>t \</u>	NIP							
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4. Type in comments

5. Set the Visibility Label

- Note: Comments may be viewable by other parties. Set the **Visibility Label** to **Internal Only** if you do not want the Comment to be viewed by the other party to the trade.
- 6. Select **Save**

Trade Detail Comments			
Comments History			COLLAPSE (A)
User ID	Comment Date	Comments	
			Internal 💌
New Comment Details			
Tr	de id: 83591795	User ID: UE0XXXX	
Commen	Date: 09/06/2012	Visibility: © Internal O Extern	la
Comments:			
Helpful comments related	to this trade		
	Sav	Close	Α

Auto Post Imbalances

The **Auto Post Imbalance** page displays the latest auto post indicator for the tradable active contract. The effective date of any changes to this Indicator is always the first of the next calendar month after the indicator is changed. If the Indicator is set to Yes, then on the first of the next month the balances will automatically post to the <u>Informational</u> <u>Postings</u> page under **Posted Imbalances**. Imbalances can be set up to automatically post each month or to be manually posted/un-posted on a daily basis. Posting your imbalance allows the Public to see your imbalance available for trade. The Contact on the Posted Imbalance defaults to the person who posted the imbalance to the public EBB for trading.

1. To Auto Post Balances Select: Navigation> Flowing Gas> Imbalance> Auto Post Imbalances

Home	Navigation 🔻 +				Measurement	Pipelines 🔻	Tools 🔻	Reports	Print	Logoff
Home	Nominations									
	Flowing Gas 🔹 🕨	PDA	•							
	Invoicing •	Allocation	Þ							
	Capacity Release 🔹 🕨	Imbalance	•	Monthly Summary						
	Customer Information	Measurement	•	Yearly Summary						
	Downloads •	Park and Loan Balances		Trade Summary						
	Informational Postings	CLOSED OPEN	CL	Create Trade						
	Site Map	CLOSED CLOSED	CL	Trade Details						
Mont	hlv Status			Imbalance Resolution Summary						
	,			Auto Post Imbalances						
Alloca	tions Data is available through 09/09/2	012								
Alloca	tions for July are Final									
Imbal	ance data is available through 09/09/20	112								
Impai	ance data for July is Final	1- //								
Prior	Gas Day Changes for SEP,2012 availab	ie through 10/02/2012								
Prior	Sas Day Changes for JAN,2012 - JUL,2	2012 available through 08/25/2012	2							
Prelin	hinary August and September Invoices	are now available								
Month	ly Invoices for July are Final									
Augus	st trading is Open until 11:59 PM on We	dnesday 09/26								
Septe	mber trading Opens on Monday 10/01	1								

- 2. From this screen you will be able to turn Auto Post On or Off. It is on until you turn it off. The Posted Trade Contact can be changed for each contract.
- 3. To change the AutoPost setting, select the contract that you want to change and go to **Actions > AutoPost On/Off or right click**

Home	Navigatio	on 🔻	+				Me	easurement	Pipelines •	Tools 🔻	Reports	Print	Logoff
Auto Pos	t Imbalanc	ces											
Flowing G	ias> Imbala	nce> A	uto Post	Imbalances								ACTIONS	MENU 👻
Filters												COLLE	APSE O
	*Svc I	Req Nan	ne/Pro	p: ABC Producer / 990002	-	Adm	in Acct:			-			
				Posted Trade Contact:	•								
Retrie	eve	Cle	ar										
Downl	oad	Select	t All										
								Sv	c Req				
Pat		Suc E	204	K Holder 🍦	Svc Req 🍦	AuthInd	Auth Eff	Use	rID 🖕	User Name 🌷	Last (bangod	
Schedu	le	K	τοų ≜ Ψ	K Holder Prop 🏮	Svc Req ID 🌻	Desc	Date 🏮	Pho	ne 🌲	User ID 🌲	Time/	Date	
CLC		123456	7	ABC Producer	ABC Producer	No							
				990002	990002	Aut	oPost On/Off						

1 At	utoPost Options have I	been saved succe	essfully.
f	Svc Req Contact User ID Phone	User Name 🌲 User ID 🌲	Last Changed Time/Date
	Trader Joe UEXXXXXX 555-555-5555	Trader Joe UEXXXXXX	08:44:17 09/11/2012

4. You will then see a time stamp with the new information on the right side.

5. To view all Posted Imbalances, go to the <u>Informational Postings</u> page and select **Posted Imbalances** From the left hand menu.

Gulfstream	PPELIN			9- 8-1-			
TUESDAY - SEPTEMBER	11, 3	2012 1Line 👻	Customer Info 👻	Regulatory 👻	Resources 👻		
INFORMATIONAL POSTING	55						OPEN IN NEW WINDOW
Capacity	÷	1Line Timelines	Contacts	Weather			24 HOUR PIPELINE EMERGEN 1-800-440-84
Gas Quality		Monthly Status					Critical Notices
Index of Customers							
Notices	Þ	Allocations Data is av Allocations for Augus	ailable through 09/09/20 st are Final	12			
Posted Imbalances	÷	Posted Imbalances	e through 09/09/201	2			
Standards of Conduct	÷	Systemwide Imbalance	ommodity Invoices	for September are	e now available		Availability of Gas Quality and Measurem
Tariff	Þ	August trading is Op	en until 11:59 PM on We	are Final ednesday 09/26			09/07/2012 04:08:37 PM
Transactional Reporting	Þ	September trading (Opens on Monday 10/0	1			Cancellation Operations Advisory - Tropi
Capacity Release Indices							Storm Isaac 09/06/2012 09:25:50 AM
Downloads	Þ	Cycle Indicators					Cancellation Operations Advisory - Gas
Search	Þ	cycle maleators					Quality - TS Isaac
Customer Activities			ID-5	TIMELY	EVENING	ID-12	03/00/2012 03:24:37 Am
Site Map		Gas Day	9/11	9/12	9/12	9/11	Operations Advisory - Gas Quality TS Isa 08/27/2012 02:53:14 PM
		Nomination Cycle	CLOSED	OPEN	CLOSED	CLOSED	Operations Advisory Transled Storm Inc.
NAESB Contified		Confirmation Cycle	CLOSED	CLOSED	CLOSED	CLOSED	08/24/2012 10:14:59 AM
HAESD Certified							
JHTARY WORAFL		Planned Service O	utages	0.07	<u>1Line</u>	Pipeline Outages	
No.		1Line Maintenance Win	idow 9:30 pm - 11:30 pr jality and Measurement	ncsi	00	007/2012 04·08·37 PM	
umm		Availability of Gas Qt	rainy and measurement		08	10112012 04.00.37 PM	

Gulistream	Feline										PORTAL
TUESDAY - SEPTEMBER	11, 2 s	012 1Line 🔻	Customer Info 🔻	Regulatory 🔻 F	Resources 🔻					OPEN IN	
Capacity Gas Quality	•	> Posted Imbalances		Po	sted Imba	alances				0.20	
Index of Customers		Imbalance Period Statement Date/Time	: 09/2012 : 09/11/2012 08:48:56	TSP Name TSF	e: GULFSTREAM P: 017738746	NATURAL GA	S SYSTEMS, I	NC.			Downloa
Notices Posted Imbalances Standards of Conduct	4	K Holder Name K Holder Prop	Svc Req Name Svc Req Prop	Posted Imb Qty	Imb Dir Desc	Imbalance Type	Svc Req K	Zone	OIA	Svc Req Contact	Svc Req Phone
Tariff	Þ	K Holder		10.404	Due EDOM Svo	Trane	9000046	CZN1	4	Stewart Nixon	7133325250
Transactional Reporting Capacity Release Indices	Þ	SERVICES, LP 408576 169668212	SERVICES, LP 408576 169668212	10,404	Req	THE	500040	02111		Stowart NKUI	1133323238
Downloads	Þ	PEOPLES GAS 415148	PEOPLES GAS 415148	3	Due FROM Svc Req	Trans	9000386	GZN1	1	Christopher Conti	8132284513
Search Customer Activities Site Map	•	006922736	006922736		Viewing Record	ls 1 - 2					

Netting

TFO (Transport for Others) Imbalances are kept at the contract level during the trading period. Netting occurs once the trade period has ended. Netting by zone takes place once the trade period ends (at midnight on the 17th business day of the month following gas flow). Netted imbalances within a zone are rolled-up by the three party combination of Service Requester, Billable Party and Balance Trade Agent. This 3-party combination is assigned an Administrative (Admin) contract. The Admin contract is displayed on the **Imbalance Resolution** page in 1Line and is shown on the Cash Out section of the monthly invoice.

Transportation imbalances cannot be traded with OBA imbalances.

Final Resolution of OBA Imbalances

If an OBA Party has an OBA Imbalance remaining at the time of final resolution as specified in the OBA, Seller and the OBA Party shall resolve the resulting OBA Imbalance in accordance with the procedures set forth in the OBA.

Cash Out

Cash out occurs after the trading period has ended for the month (after the 17th business day). Once the trading period has ended, imbalances are cashed out and then reflected on the invoice. The Tariff section associated with cash out Provisions is Section 8 of the General Terms and Conditions.

Cash Out Indices

The Cash Out Indices are posted on the <u>Informational Postings</u> Page in a Non-Critical Notice.

Gulistream					
TUESDAY - SEPTEMBER 1	1,2012 1Line ▼	Customer Info 👻	Regulatory 👻 I	Resources 👻	
Capacity	1Line Timelines	Contacts	Weather		
Gas Quality	Monthly Status				
Index of Customers	monuny status				
Notices	Critical	e through 09/09/2012 Final	2		
Posted Imbalances	Non-Critical	through 09/09/2012			
Standards of Conduct	Planned Service Outage	mmodity Invoices fo	September are no	w available	
Tariff	Waste Heat	ntil 11:59 PM on Wed	re Final Inesday 09/26		
Transactional Reporting	September trading C	pen's on Monday 10/01			
Capacity Release Indices					
Downloads	Cycle Indicators				
Search	> Cycle mulcators				
Customer Activities		ID-5	TIMELY	EVENING	ID-12
Site Map	Gas Day	9/11	9/12	9/12	9/11
	Nomination Cycle Confirmation Cycle	CLOSED	CLOSED	CLOSED	CLOSED
NAESB Certified					
TARY INORA	Planned Service Or	utages		1Line	Pipeline Outages
To a the second	1Line Maintenance Win Availability of Gas Qu 1Line Availability June	dow 9:30 pm - 11:30 pm lality and <u>Measurement</u> e 14-15, 2012	CST	09/ 06/	07/2012 04:08:37 PM 114/2012 01:01:36 PM

Subject: Gulfstream Cash Out Posting July 2012	
Florida Gates via FGT from Platt's Gas Daily	
Average Daily Mid Point (Jul 1- Aug 7)	3.80528
High Common (Jul 1- Aug 7)	4.27000
Low Common (Jul 1- Aug 7)	3.49000
Monthly system Imbalance was due from the Shi	ippers.
For questions please contact Stacey Woolcock a	at 713-215-3443.

Imbalance Resolution Summary – Cash Out

The Imbalance Resolution screen provides a summary of the Customer Level Charge Admin contract information at a zonal level. The view externally is based upon the combination of Service Requester, Billable Party, and Balance Trade Agent. To effectuate cash out we have created an admin contract that allows imbalances to net out by zone. 1. To see the **Imbalance Resolution Summary** select: **Navigation >Flowing Gas > Imbalance > Imbalance Resolution Summary**

Home	Navigation 👻 🕂					Measurement	Measurement Pipelines -	Measurement Pipelines ▼ Tools ▼	Measurement Pipelines ▼ Tools ▼ Reports	Measurement Pipelines ▼ Tools ▼ Reports Print	Measurement Pipelines ▼ Tools ▼ Reports Print Log
ne	Nominations •				~						
	Flowing Gas	PDA	•								
	Invoicing >	Allocation	•								
	Capacity Release	Imbalance	•	Monthly Summary							
	Customer Information	Measurement	Þ	Yearly Summary							
	Downloads >	Park and Loan Balances		Trade Summary							
	Informational Postings	CLOSED OPEN	CL	Create Trade							
	Site Map	CLOSED CLOSED	UL	Trade Details							
Mont	hlv Status			Imbalance Resolution Summary							
	,			Auto Post Imbalances							
loca	tions Data is available through 09/09/2	2012									
loca	tions for July are Final										
mbala	ance data is available through 09/09/2	012									
nbala	ance data for July is Final										
Prior (Gas Day Changes for SEP,2012 availab	ble through 10/02/2012									
Prior (Gas Day Changes for JAN,2012 - JUL,	2012 available through 08/25/201	2								
Prelim	ninary August and September Invoices	are now available									
Month	ly Invoices for July are Final										
Augus	t trading is Open until 11:59 PM on We	dnesday 09/26									
Septe	mber trading Opens on Monday 10/0	1									

- 2. Select the current **Accounting Period** and **Service Requester** and then select **Retrieve**.
 - A list of admin contracts by zone with the imbalances that are subject to cash out will be displayed.

Home	Navigation 👻 🔸						_				Measurement	Pipelines -	Tools	 Reports 	Print	Logoff
Imbalance	e Resolution Summary															
Flowing G	i Bas> Imbalance> Imbala	nce Resolution Summary													RCTIONS	S MENU 🔻
Filters															COLL	APSE A
* Ac	ct Per: 08/2012 -		* Svc F	len :				-	1	OL	A(s) · 1		Location II) (Prop) ·		
	Display Zero Imba	lances:	Svc Reg K/Admin A	cct :			Contract	•		Z	n ID: GZN1		Locadon A	(110)		,
Subjection	ect to Cashout O Not 9	Subject to Cashout														
Detri	01	- -														
Retrie	ciear	J														
Downl	oad															
						Ju	y trading i	s Close	d							
											July 2	2012				
														Production		
Svc Req K/Admin	K Holder Name/K	Svc Rea/Svc Rea	Balance Agent/Balance	OIA	Zn	Loc ID	Beginning Tradable	OBA Make	Conf	Trade	Remaining Imbalance for	PPA Subject to	Adiusted	Month Deliveries/OBA	Imbal	ance
Acct 🖕	Holder 🌲	ID 🌲	Agent ID 🍦	ID 🏮	ID 🌲	Prop 🌲	Bal 🍦	Up 🌲	Trades 🌲	Fuel 🍦	Cashout 🖕	Cashout 🌲	Qty 🌷	Allocated Qty	Pct%(2	2) 🌲
1234567	ABC Producer / 990002	ABC Producer / 990002	ABC Producer / 990002	1	GZN1		24,949 DT	0	0	0	24,949 DT	0	0	992,08	1	2.51
Formulas: (DF - due FR	 Total = Production N OM Service Requeste 	lonth Imbalance+PPA / r; DT - due TO Service	Available for Trade (2) Requester	Imbala	nce Pei	centage = 1	Fotal/Productio	on Month	Deliveries							
PPA Subjec	ct to Cashout - Denote	s PPAs that are subje	ct to Cash out (where	the co	ntract i	ndicator of	PPA Included	= No)								

Invoice Example

Below is what an example of an invoice after imbalances are cashed out. The example below displays a quantity of 32,686 that was cashed out at the Majority Buy price.

Gulfstr	ream		Gu	Ifstream Nat Invoice Det	tural Gas System ail Statement - Fina	n, LLC				
	5 53510 M				Accounting Period:		Aug, 2012			
Invoice Ide	ntifier:				Service Requester Con	tract Number:				
Billable Pa	rty (Prop)/(Duns):				Service Requester (Pro	p)/(Duns):				
					Invoice Date:		09/10/2012			
					Net Due Date:		09/20/2012			
Service Co Rate Scheo	de: OT dule Description: CLC				Contact E-mail:		stacey.c.woolcoo	ck@Williams.com		
Line Number	Transaction Type / Charge Description	Receipt Location: Name: Zone/OIA:	Delivery Location: Name: Zone/OIA:	Package ID	Replacement/ Release Code Contract Number/ SR Name	Acct Adj Mthd	Dates Effective	Quantity		Amount Due
3.00001	822 Cashout Majority						07/31/2012	(32,686)	3.80528	(124,379.38)
	BUY (MJB 3.80528) (Price Tier: 1)	G7N1/1					07/31/2012			
	(1100 1101 1)	02.1.11				Contract Total Amo	unt:	(32,686)Dth		(\$124,379.38)

The Imbalance Resolution Activity Statement corresponding to the Invoice is shown below.

Gulfstre	am			Ir	Gul nbalance l	fstrean Resolutio	n Natural (on Activity	Gas Syste Statement (i	m, LLC in Dekat	: herms)					
						Sub	ject to Casl	nout							
Invoice Ider Billable Par	ntifier: ty <mark>(Prop)/(Duns</mark>)	:					Accou Admin	nting Period: istrative Accou	nt / Contra	AUG ct #:	i, 2012				
Balance Ag	ent(Prop):						Servic	e Requester (Pr	op)/(Duns)	:					
Rate Sched	ule:	CLC					Staten	nent Basis:		Actu	al				
							Conta	ct Name/Phone:		Stac	ey Woolcock	/ (713) 215-	3443		
							Conta	ct E-mail:		stac	ey.c.woolcoc	k@Williams.	com		
					(AUC CURRENT MO	6, 2012) NTH ACTIVIT	Y				(PREVIO	JUL, 2012 U S MONTH) ACTUATY		
Svc Req K	Rate Sched	OIA/ Zone	Production Month Imbalance	PPA Available for Trade	Total Amount Available for Trade	PPA Sub to Cashout	Total Imbalance Activity	Beginning Tradable Imbalance	Makeup Activity	Confirmed Trades	Grossed Up Fuel	Adjusted Quantity	Amount Cashed Out	PPA Sub to Cashout	Prev Mo Deliveries/ OBA Allocated Qty
SUBJECT T	O CASHOUT														
	ITS	5/GZN1	1	0	1	0	1		0						ŧ
	6	5/GZN1	10,403	0	10,403	0	10,403		0						653,418
	Total f	or OIA/ Zone:	10,404	0	10,404	0	10,404	(32,686)	0	0	C) ((32,686)	0	653,423
	Tota	l for month	10 404	0	10.404	0	10.404	(32.686)	0	0	0	0	(32,686)	0	653.42

Related Reports

Some reports that can be generated to assist with imbalance monitoring and trading are listed in the table below.

BALANCES	Report Number	Report Name	Report Description	Role Required to Access Report
Balances	1908	Shipper Imbalance Daily Statement	Current month daily activities, any prior month adjustments, the prior month's ending balance, and the current Accounting month's ending balance. Included as part of the Invoice Packet.	Billing and Invoice Charges View or Balances View
Balances	1929	Shipper Imbalance Information - Sortable by Receipt or Delivery	Net Receipt, Delivery and Imbalance quantities for a production month/accounting period by BA and contract. Sortable by Receipt or Delivery.	Billing and Invoice Charges View

Please call your Transportation Services representative with any questions on Imbalance Resolution.