

PG&E INSIDE*tracc* Ranking Training

October 2013

Welcome CGT Schedulers!

PG&E INSIDE*etracc* Ranking Training Agenda

Activity	Moderator
LUNCH	N/A
Safety / Introductions / Welcome	Margi Janopaul
Let's Talk Ranking!	Brian Mohr
Break	N/A
Q & A	All
New "Portal" Screen	Laura Lapera
Q & A	All
Closing comments	Margi Janopaul

Ranking

Background

- LOFO (Last On First Off) Rule
 - PG&E is cutting on the Path and/or Interconnect **AND** your nom (often higher-ranked) happens to *suffer additional, unrelated* cut(s)
 - INSIDetracc tries to keep you whole by re-nominating that cut portion, but that re-nom belongs to the *next* (later) cycle
 - INSIDetracc prioritizes *cycle* over rank...

Ranking

Background (Cont.)

- You cannot re-rank your nominations once they had been processed
- The “Replace Volume or Rank” screen ONLY allows for the re-ranking of the cut (re-nominated) portion
- INSIDEtracc applies Path and Interconnect cuts at the “transport” level (which then propagate up and downstream through pool balancing)

Ranking

Your ranking now controls your noms...

- ...DURING POOL BALANCING!!!
 - You can change rank of ANY nom, at ANY time, for ANY reason – and it applies to your WHOLE volume !
 - Cycle is no longer a factor
- ...During the Confirm Process
 - Our current Confirm Process remains largely unchanged...
 - INSIDetracc *still* calculates the volume allowed to flow on the pipe across ALL customers (in aggregate) by cycle
 - *Added* a step where INSIDetracc groups *each* customer's total allowed volume by Service Level then price then re-allocates by rank within each group

Ranking

Your ranking now controls your noms... (cont.)

- ...During the Schedule Process
 - Any scheduled volume cuts you receive from upstream pipelines (TSAs) will be allocated based SOLELY on your rank

Ranking

What this means for you...

- Any *existing* (already processed) nom can be re-ranked at ANY time during the gas day
- Any *new*, higher-ranked nom(s) will flow in place of existing, lower-ranked nom(s)*
 - Even if newly-added, higher-ranked nom exceeds a transport's MDQ, INSIDetracc will *still* cut to MDQ, but based on those noms' respective ranks. *

*subject to EPSQ

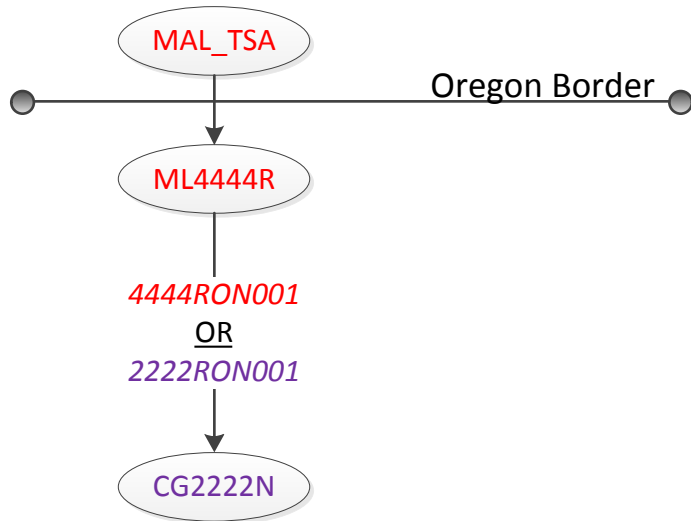
Ranking

CAVEATS...

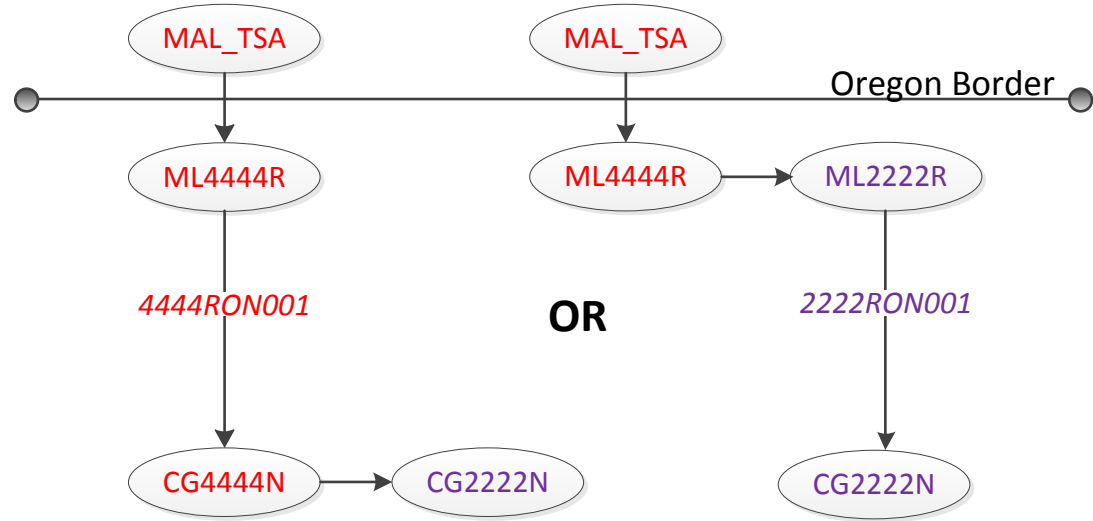
- Our tariff remains unchanged
- No more two-party noms with transport will be allowed
 - You must own (or be agent) of Source, Destination, AND Transport
- You should NOT immediately de-schedule your noms or else you risk losing that space to other customers competing for it.

No More 2-Party Noms With Transport

OLD WAY (No longer allowed)



NEW WAY



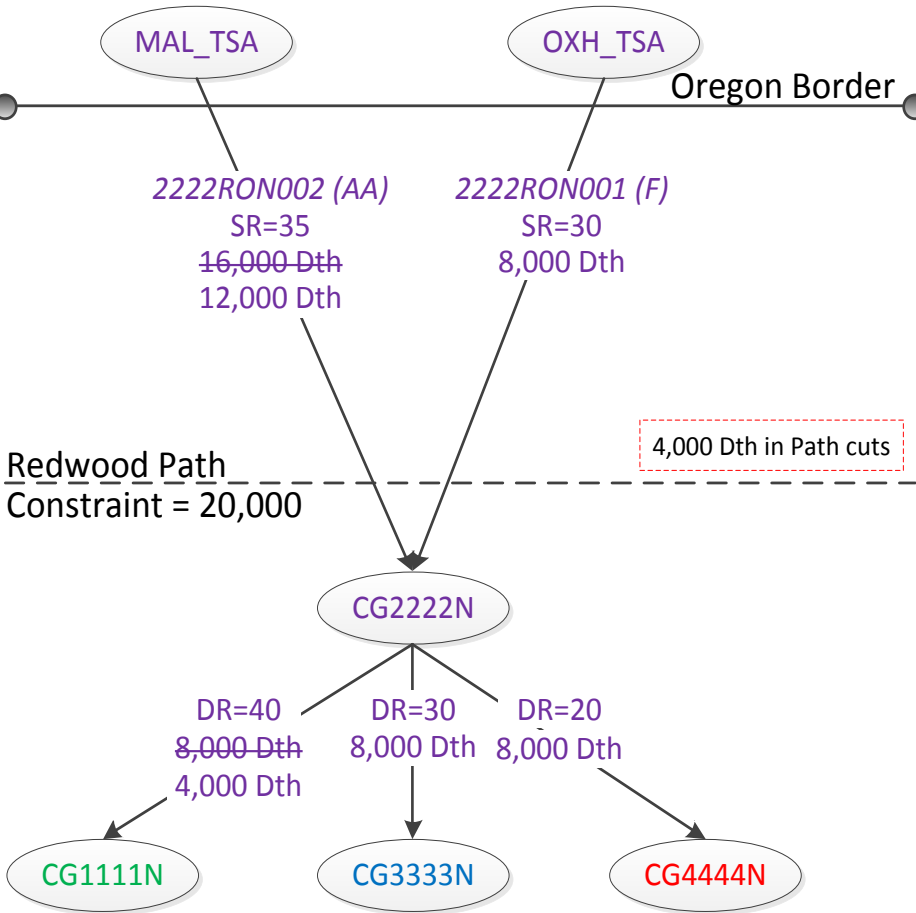
1) With the “Old” way, it’s unclear which party controls the cut allocation.

2) By requiring one party to control the source, the dest AND the transport, ranking will always be consistently applied.

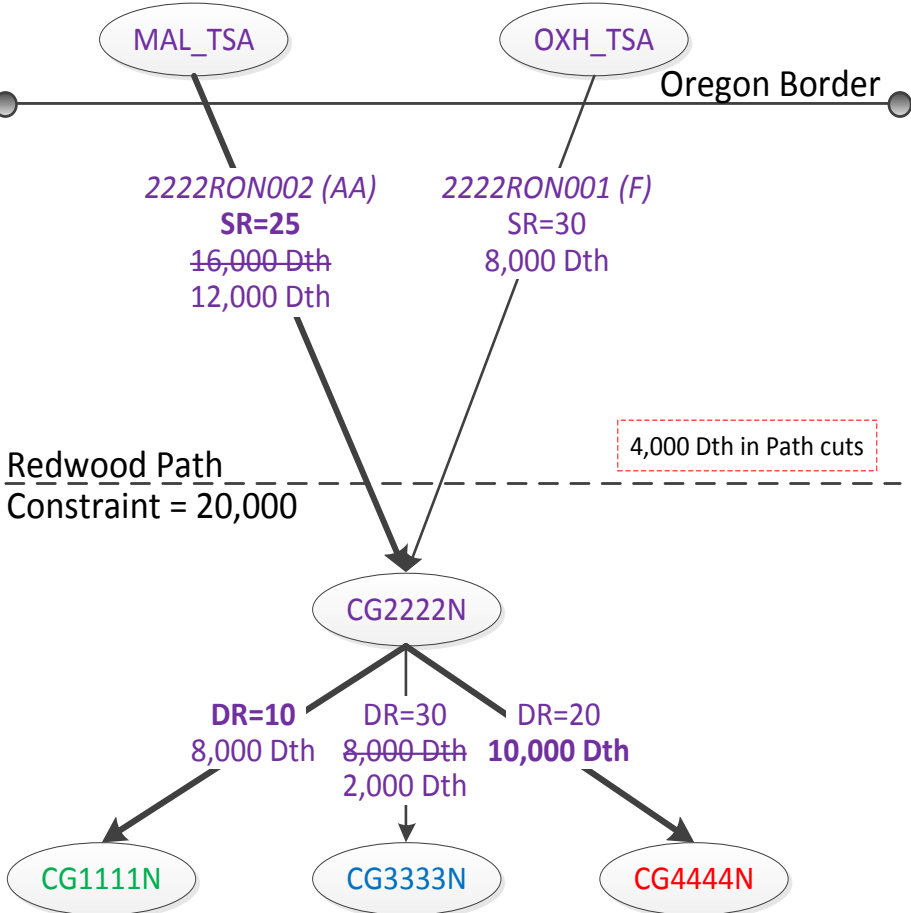


Rank Change AND Volume Change in Later Cycle

Timely Confirm



Evening Confirm



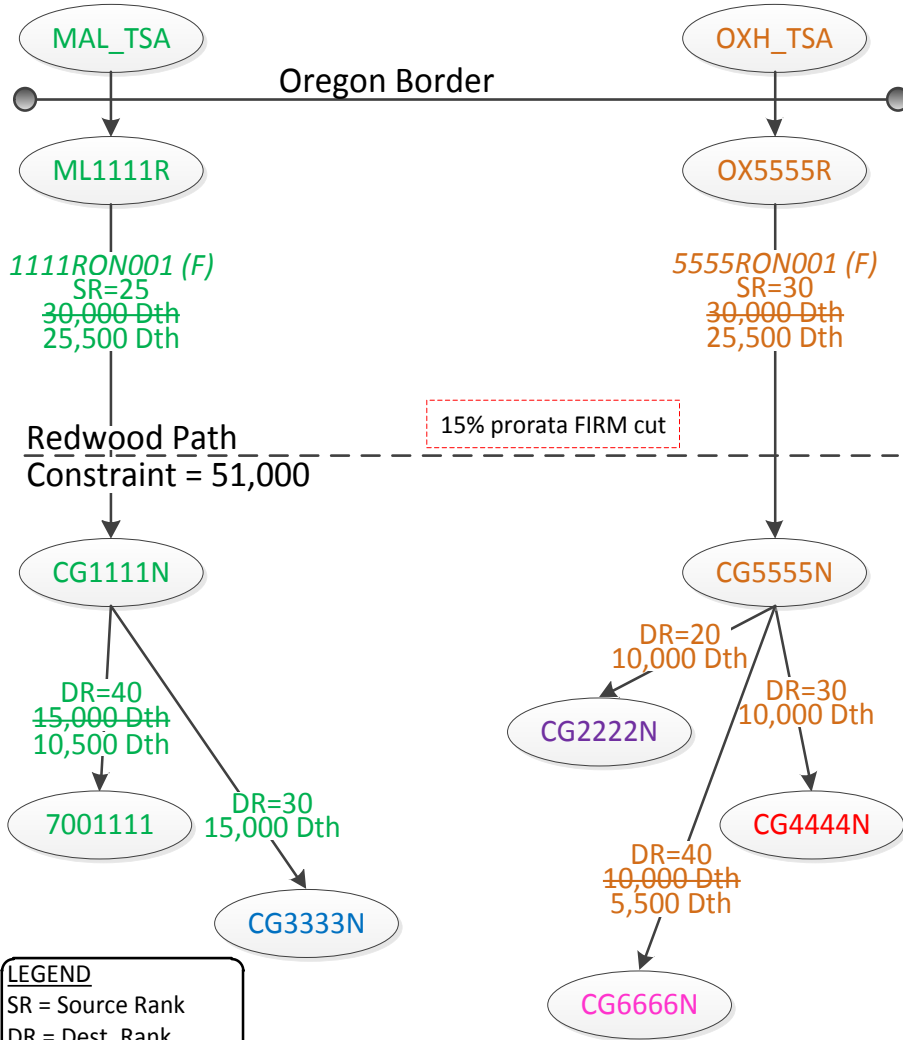
LEGEND
 SR = Source Rank
 DR = Dest. Rank
BOLD = New/Changed

- 1) AA, despite raising its rank, will not flow before FIRM.
- 2) Changing lowest-ranked nom to highest-ranked ensured THAT nom would flow.
- 3) Increased volume of the middle-ranked nom flowed in place of the lowest-ranked nom.

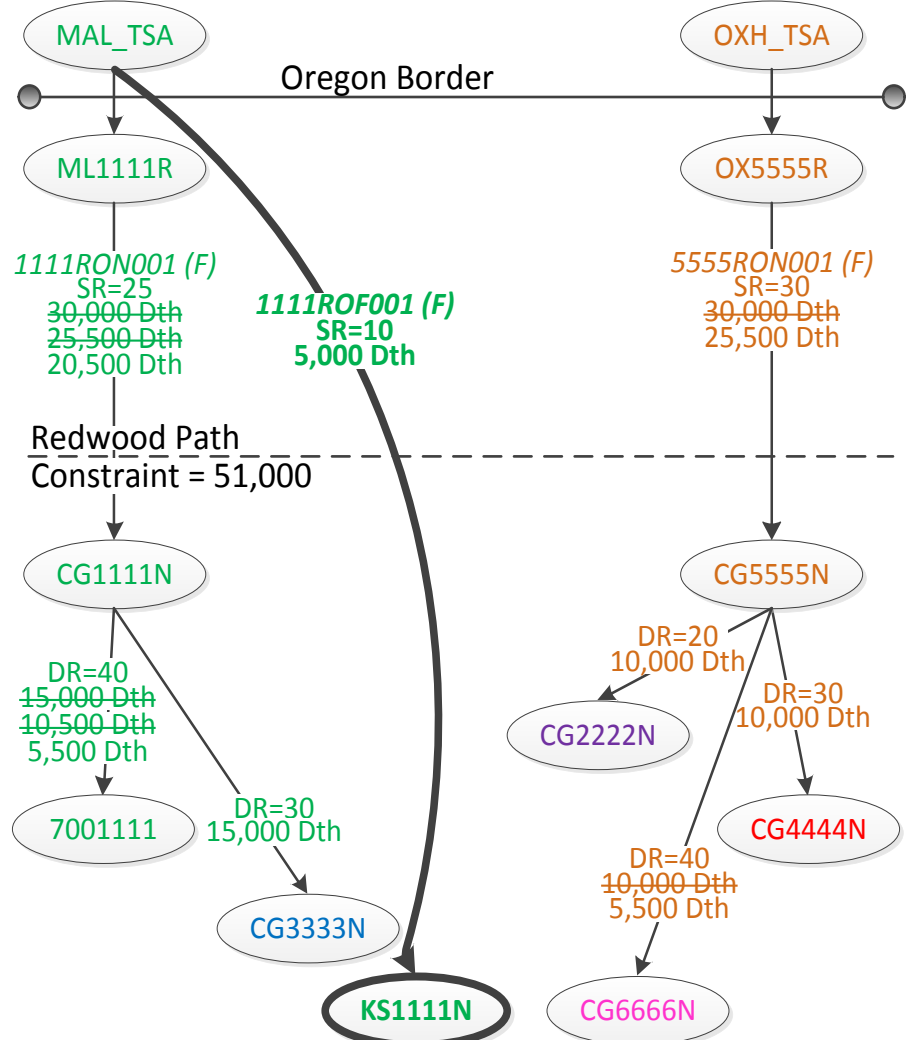


New (later cycle) Nomination w/ HIGHER Rank

Timely Confirm



Evening Confirm

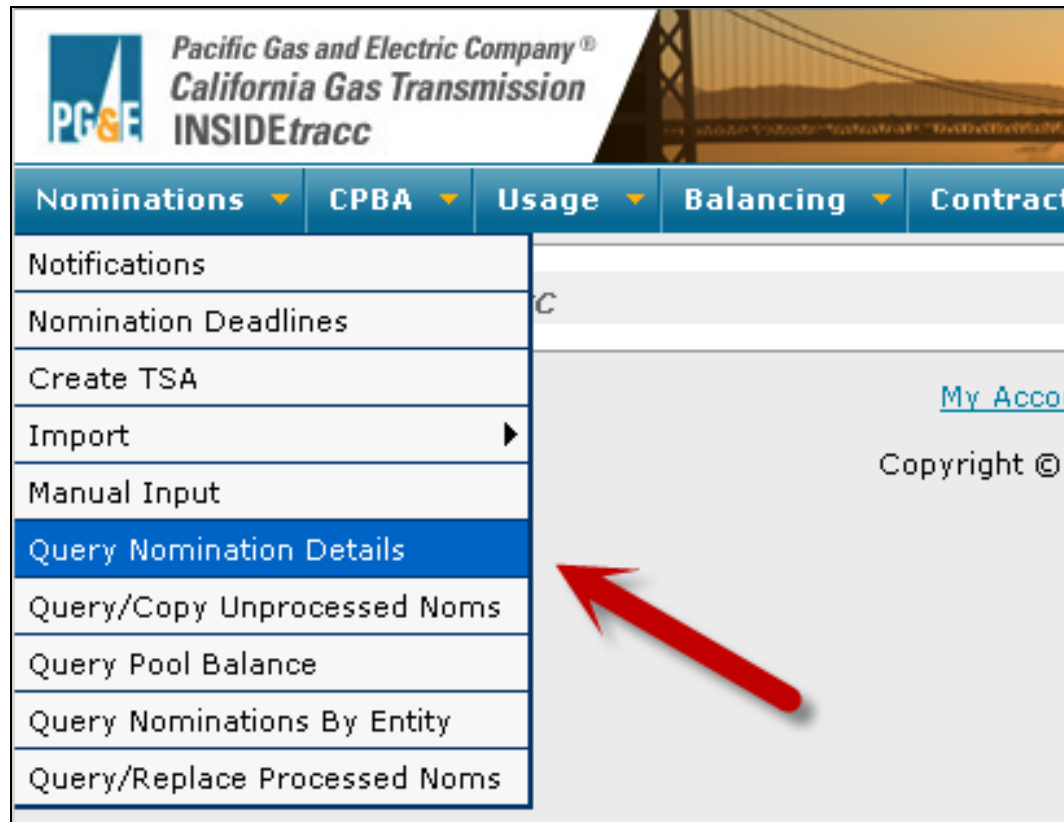


LEGEND
 SR = Source Rank
 DR = Dest. Rank
BOLD = New/Changed

- 1) Cust. #1 adds higher-ranked nom which only re-allocates her previously scheduled volumes.
- 2) FIRM transports are grouped (regardless of On- or Off-system) when following rank.



- New Screen !!
 - Query Nomination Details (QND Screen)



QND Screen

The screenshot displays the INSIDetracc web interface. At the top left is the PG&E logo and the text "Pacific Gas and Electric Company California Gas Transmission INSIDetracc". At the top right, a user information box shows "Welcome, Cust 1 Houston", "Customer Name: Test 1", and "Customer Code: 9999". Below this is a navigation bar with tabs: "Nominations", "CPBA", "Usage", "Balancing", "Contracts", "Customer", "Reports", "Pipe Ranger", and "Logout". The main content area is titled "Query Nomination Details". It features a "GAS DAY" section with a "* Gas Day:" label, a yellow input field, and a calendar icon. To the right is the label "Last Process Completed:". Below this is a "QUERY" section with "Contract/Pool:" and "Location/Path:" labels, each followed by two input fields and a "Loc" icon. A red callout box with the text "TWO different views" points to two buttons: "View Details" and "View by Cycle". At the bottom of the main area are buttons for "Manual Input", "Import", and "Query". The footer contains links for "My Account", "About INSIDetracc", and "Home", along with the copyright notice "Copyright © 2008 Pacific Gas and Electric Company. All rights reserved."

- A “Portal” page for INSIDetracc
 - Streamlines your nomination queries
 - “One-Stop Shop” for managing your nominations any time after Timely Confirm has completed



QND Screen – View Details Tab

Nominations ▾ CPBA ▾ Usage ▾ Balance ▾ Contracts ▾ Customer ▾ Reports ▾ Pipe Ranger Logout

Query Nomination Details

GAS DAY
 *Gas Day: 11/07/2013

QUERY
 Contract/Pool: 9999RON001 Test 1
 Location/Path: RWON Redwood to On-System

Last Process Completed: ID1 Schedule

Manual Input Import Query

QND Screen shows Service Level View Details View by Cycle

2 Nomination(s)

Action	Source ID	Src Rank	Package	Dest ID	Dest Rank	Service Level	Transp Exh	Cut Vol	Nom Rec Vol	Nom Del Vol	Conf Rec Vol	Conf Del Vol	Sch Rec Vol	Sch Del Vol	Rcpt Pt	Delv Pt	Seller Code
	ML9999R	5		CG9999N	12	AA	9999RON001	70	15,000	14,850	14,930	14,780	14,930	14,780	MAL	CTYG	9999
	TSA-OX2	1		CG9999N	1	AA	9999RON001	0	7,071	7,000	7,071	7,000	7,071	7,000	OXH	CTYG	9999
Totals:									22,071	21,850	22,001	21,780	22,001	21,780			

Export options: CSV | Excel | PDF

Manual Input Import

The Service Level (FIRM vs. AA) of a Transportation Contract is displayed on this new screen.



QND Screen – View Details Tab

Nominations CPBA Usage Balancing Contracts Customer Reports Pipe Ranger Logout

Query Nomination Details

GAS DAY
 *Gas Day: 11/07/2013 Last Process Completed: ID1 Schedule

QUERY
 Contract/Pool: ML9999R Test MAL R Pool
 Location/Path: MAL Malin Intercon - TC GTN SYS

Manual Input Import Query

View Details View by Cycle

1 Incoming Nomination(s)

Action	Source ID	Src Rank	Package	Dest ID	Dest Rank	Service Level	Transp Exh	Cut Vol	Nom Rec Vol	Nom Del Vol	Conf Rec Vol	Conf Del Vol	Sch Rec Vol	Sch Del Vol	Rcpt Pt	Delv Pt	Seller Code
	TSA-ML1	5		ML9999R	5			1,820	20,000	20,000	18,180	18,180	18,180	18,180	MAL	MAL	9999
Totals:									20,000	20,000	18,180	18,180	18,180	18,180			

Export options: CSV | Excel | PDF

2 Outgoing Nomination(s)

Action	Source ID	Src Rank	Package	Dest ID	Dest Rank	Service Level	Transp Exh	Cut Vol	Nom Rec Vol	Nom Del Vol	Conf Rec Vol	Conf Del Vol	Sch Rec Vol	Sch Del Vol	Rcpt Pt	Delv Pt	Seller Code
	ML9999R	5		CG9999N	12	AA	9999RON001	70	15,000	14,850	14,930	14,780	14,930	14,780	MAL	CTYG	9999
	ML9999R	10		KS9999N	6	AA	9999ROF001	1,735	5,000	4,955	3,250	3,220	3,250	3,220	MAL	KRS	9999
Totals:									20,000	19,805	18,180	18,000	18,180	18,000			

Export options: CSV | Excel | PDF

Manual Input Import

Query by:
 - Transport
 - TSA
 - NGSA
 - Storage
 - Park/Lend OR
 - Pool

Querying by Pool is like “Nom by Entity “ Screen (showing both Incoming and Outgoing).¹⁵



QND Screen – View Details Tab

Nominations ▾ CPBA ▾ Usage ▾ Balancing ▾ Contracts ▾ Customer ▾ Reports ▾ Pipe Ranger Logout

Query Nomination Details

GAS DAY
 *Gas Day: 11/07/2013 Last Process Completed: ID2 Confirm

QUERY
 Contract/Pool: Location/Path: CTYG PG&E Ctygte Distrib Intercon

Manual Input Import Query

Query By: CAL, CGMC, **CTYG**, CVSF, DAG, ESX, FRP, GRSF, KRS, LDSF, MAL, OXH, STOR, TKN, TKS, OR WGSF

View Details View by Cycle

4 Nomination(s)

Action	Source ID	Src Rank	Package	Dest ID	Dest Rank	Service Level	Transp Exh	Cut Vol	Nom Rec Vol	Nom Del Vol	Conf Rec Vol	Conf Del Vol	Sch Rec Vol	Sch Del Vol	Rcpt Pt	Delv Pt	Selle Cod
	CG9999N	10		9999PCG001	10	AA	9999MON001	0	14,850	14,850	14,850	14,850	N/A	N/A	CTYG	CGMC	9999
	CG9999N	5		CG9998N	5			0	6,930	6,930	6,930	6,930	N/A	N/A	CTYG	CTYG	9999
	ML9999R	5		CG9999N	12	AA	9999RON001	70	15,000	14,850	14,931	14,780	N/A	N/A	MAL	CTYG	9999
	TSA-OX2	1		CG9999N	1	AA	9999RON001	0	7,071	7,000	7,071	7,000	N/A	N/A	OXH	CTYG	9999
Totals:									43,851	43,630	43,782	43,560	0	0			

Export options: CSV | Excel | PDF

Manual Input Import

Until Schedule process actually runs, "Sch Rec Vol" & "Sch Del Vol" remain "N/A"



Query by "Location" to see both receipts and deliveries for that location in just one query. 16

QND Screen – View Details Tab

Nominations ▾ CPBA ▾ Usage ▾ Balancing ▾ Contracts ▾ Customer ▾ Reports ▾ Pipe Ranger Logout

Query Nomination Details

GAS DAY
 *Gas Day: 11/07/2013 Last Process Completed: ID1 Schedule

QUERY
 Contract/Pool: ML9999R Test MAL R Pool
 Location/Path: MAL Malin Intercon - TC GTN SYS

Manual Input Import Query

View Details View by Cycle

1 Incoming Nomination(s)

Action	Source ID	Src Rank	Package	Dest ID	Dest Rank	Service Level	Transp Exh	Cut Vol	Nom Rec Vol	Nom Del Vol	Conf Rec Vol	Conf Del Vol	Sch Rec Vol	Sch Del Vol	Rcpt Pt	Delv Pt	Seller Code
	TSA-ML1	5		ML9999R	5			1,820	20,000	20,000	18,180	18,180	18,180	18,180	MAL	MAL	9999
Totals:														18,180	18,180	18,180	18,180

Export options: CSV | Excel | PDF

2 Outgoing Nomination(s)

Action	Source ID	Src Rank	Package	Dest ID	Dest Rank	Service Level	Transp Exh	Cut Vol	Nom Rec Vol	Nom Del Vol	Conf Rec Vol	Conf Del Vol	Sch Rec Vol	Sch Del Vol	Rcpt Pt	Delv Pt	Seller Code
	ML9999R	5		CG9999N	12	AA	9999RON001	70	15,000	14,850	14,930	14,780	14,930	14,780	MAL	CTYG	9999
	ML9999R	10		KS9999N	6	AA	9999ROF001	1,735	5,000	4,955	3,250	3,220	3,250	3,220	MAL	KRS	9999
Totals:										20,000	19,805	18,180	18,000	18,180	18,000		

Export options: CSV | Excel | PDF

Manual Input Import

From the "View Details" Tab one can...

- ...Edit the nomination (Replace Volume Or Rank Screen) OR
- ...Add a NEW nomination



Replace Volume or Rank Screen Changes

[Nominations](#) | [CPBA](#) | [Usage](#) | [Balancing](#) | [Contracts](#) | [Customer](#) | [Reports](#) | [Pipe Ranger](#) | [Logout](#)

Replace Volume Or Rank

DATE RANGE

Gas Day: 11/07/2013 **Last Process Completed:** ID1 Schedule

SOURCE

Source ID: ML9999R Test MAL R Pool
Rcpt Pt: MAL Malin Intercon - TC GTN SYS
Seller Code: 9999 Test 1
Srce Rank:
Package:

DESTINATION

Dest ID: KS9999N Test KRS N Pool
Delv Pt: KRS Kern River Sta Intron - SCGC
Buyer Code: 9999 Test 1
Dest Rank:
Transp Exh: 9999ROF001 Test 1

VOLUME

	Nominated	Confirmed	Scheduled	EPSQ	Nominated Replacement Vol	Seller	Buyer
Receipt (Dth):	5,000	3,250	3,250	812	<input type="text"/>	5,000	5,000
Delivery (Dth):	4,955	3,220	3,220	804	<input type="text"/>	4,955	4,955

Cut messages are now "front and center"

Code	Description	Cut Volume	Cut Cycle / Process	Nomination Cycle	Create Date
Path-01	Exceeded path receipt volume limit.	1,735	ID1 Confirm	INTRADAY1	09/26/2013 04:50:57 PM
Path-01	Exceeded path receipt volume limit.	4,955	Eve Confirm	TIMELY	09/26/2013 03:45:34 PM

Export options: CSV | Excel | PDF

Replace Volume or Rank Screen Changes

Tabs you won't be missing....

<u>Rank / Sch Vol Activity</u>	Incr / Decr Activity	Conf / Sch Cut Msgs	Nom / Conf / Sch Vols	
Cycle	Srcce Rank	Dest Rank	Sch Rec Vol	Sch Del Vol
TIMELY	1	3	109,965	109,965
EVENING	1	3	0	0
INTRADAY1	1	3	0	0
INTRADAY2	1	3	0	0
Totals:			109,965	109,965

Export options: [CSV](#) | [Excel](#) | [PDF](#)

AND...

<u>Rank / Sch Vol Activity</u>	Incr / Decr Activity	Conf / Sch Cut Msgs	<u>Nom / Conf / Sch Vols</u>			
Cycle / Process	Nom Rec Vol	Nom Del Vol	Conf Rec Vol	Conf Del Vol	Sch Rec Vol	Sch Del Vol
Timely Confirm	155,000	155,000	155,000	155,000	N/A	N/A
Timely Schedule	155,000	155,000	155,000	155,000	155,000	155,000
Eve Confirm	155,000	155,000	110,768	110,768	110,768	110,768
Eve Schedule	155,000	155,000	110,768	110,768	110,768	110,768
ID1 Confirm	155,000	155,000	110,112	110,112	110,112	110,112
ID1 Schedule	155,000	155,000	110,112	110,112	110,112	110,112
ID2 Confirm	110,112	110,112	109,965	109,965	109,965	109,965
ID2 Schedule	110,112	110,112	109,965	109,965	109,965	109,965

Export options: [CSV](#) | [Excel](#) | [PDF](#)

QND Screen – View by Cycle Tab

Nominations ▾ CPBA ▾ Usage ▾ Balancing ▾ Contracts ▾ Customer ▾ Reports ▾ Pipe Ranger Logout

Query Nomination Details

GAS DAY
 *Gas Day: 11/07/2013 Last Process Completed: ID2 Confirm

QUERY
 Contract/Pool: ML9999R Test MAL R Pool
 Location/Path: MAL Malin Intercon - TC GTN SYS

Manual Input Import Query

View Details View by Cycle

Cycle	Source ID	Srce Rank	Package	Dest ID	Dest Rank	Service Level	Transp Exh	Cut Vol	Nom Rec Vol	Nom Del Vol	Conf Rec Vol	Conf Del Vol	Sch Rec Vol	Sch Del Vol	Rcpt Pt	Delv Pt	Seller Code	Seller Name	Buyer Code	B
INTRADAY2	ML9999R	1	ID2	9999LML001	1			1,735	5,000	5,000	3,265	3,265	N/A	N/A	MAL	MAL	9999	Test 1	9999	T
TIMELY	ML9999R	10		CG9999N	12	AA	9999RON001	0	15,000	14,850	15,000	14,850	15,000	14,850	MAL	CTYG	9999	Test 1	9999	T
EVENING	ML9999R	5		CG9999N	12	AA	9999RON001	1,850	15,000	14,850	13,132	13,000	13,132	13,000	MAL	CTYG	9999	Test 1	9999	T
INTRADAY1	ML9999R	5		CG9999N	12	AA	9999RON001	70	15,000	14,850	14,930	14,780	14,930	14,780	MAL	CTYG	9999	Test 1	9999	T
INTRADAY2	ML9999R	5		CG9999N	12	AA	9999RON001	70	15,000	14,850	14,931	14,780	N/A	N/A	MAL	CTYG	9999	Test 1	9999	T
TIMELY	ML9999R	5		KS9999N	6	AA	9999ROF001	0	5,000	4,955	5,000	4,955	5,000	4,955	MAL	KRS	9999	Test 1	9999	T
EVENING	ML9999R	10		KS9999N	6	AA	9999ROF001	4,955	5,000	4,955	0	0	0	0	MAL	KRS	9999	Test 1	9999	T
INTRADAY1	ML9999R	10		KS9999N	6	AA	9999ROF001	1,735	5,000	4,955	3,250	3,220	3,250	3,220	MAL	KRS	9999	Test 1	9999	T
INTRADAY2	ML9999R	10		KS9999N	6	AA	9999ROF001	0	5,000	4,955	5,000	4,955	N/A	N/A	MAL	KRS	9999	Test 1	9999	T
TIMELY	TSA-ML1	5		ML9999R	5			0	20,000	20,000	20,000	20,000	20,000	20,000	MAL	MAL	9999	Test 1	9999	T
EVENING	TSA-ML1	5		ML9999R	5			6,868	20,000	20,000	13,132	13,132	13,132	13,132	MAL	MAL	9999	Test 1	9999	T
INTRADAY1	TSA-ML1	5		ML9999R	5			1,820	20,000	20,000	18,180	18,180	18,180	18,180	MAL	MAL	9999	Test 1	9999	T
INTRADAY2	TSA-ML1	5		ML9999R	5			1,804	20,000	20,000	18,196	18,196	N/A	N/A	MAL	MAL	9999	Test 1	9999	T
INTRADAY2	TSA-ML1	1	ID2	ML9999R	99			0	5,000	5,000	5,000	5,000	N/A	N/A	MAL	MAL	9999	Test 1	9999	T

"View by Cycle" tab only returns results when querying by Contract or Pool



One screen to see the "Change History" of your Contracts or Pools across ALL cycles.

Ranking

- Takeaways...
 - Rank ANY nom, at ANY time, for ANY reason
 - We follow your rank!
 - No more 2-party noms with transport
 - New “Portal” screen to better manage your noms
 - With great power comes great responsibility
- Appendix 1: “Quick Reference” on the most common cut codes and the ranking used

Ranking Implementation

- Please share this info with your team/backups
- New code changes will be effective on the morning of October 16
- So, Gas Day October 16 Timely and Evening cycles will be processed the “Old Way” while ID1 and ID2 cycles will follow your rankings (“New Way”)
- CGT Scheduling will be staffed to help
- Contact us if you need us...
 - Helpline: 800-343-4743 option 2
 - AIM: CGTScheduling1

Closing Comments

- Lots accomplished since 2012 “Voice of the Customer” Meeting
 - E-mail cut reports
 - More columns of data on nom query screens
 - New 502 Report format
 - Changed how reports are requested & viewed
 - Redesigned the Pipe Ranger front page
 - Starting in September, Pipe Ranger shows the PG&E Storage Inventory Level

Closing Comments

- Still more items on the list. Watch for new logo:

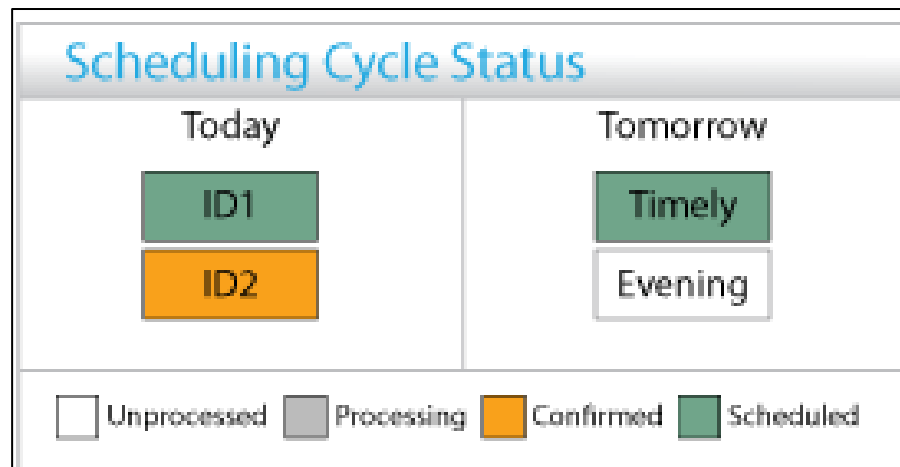


- It's a challenge to all of us – we're always open to hearing your ideas of "What will it take?"

Closing Comments

What's next?

- Pipe Ranger: New Cycle Indicator



- INSIDEtracc: Fix “Locked Out” Nominations!

Appendix 1 — Common Cut Codes and the Ranking Used

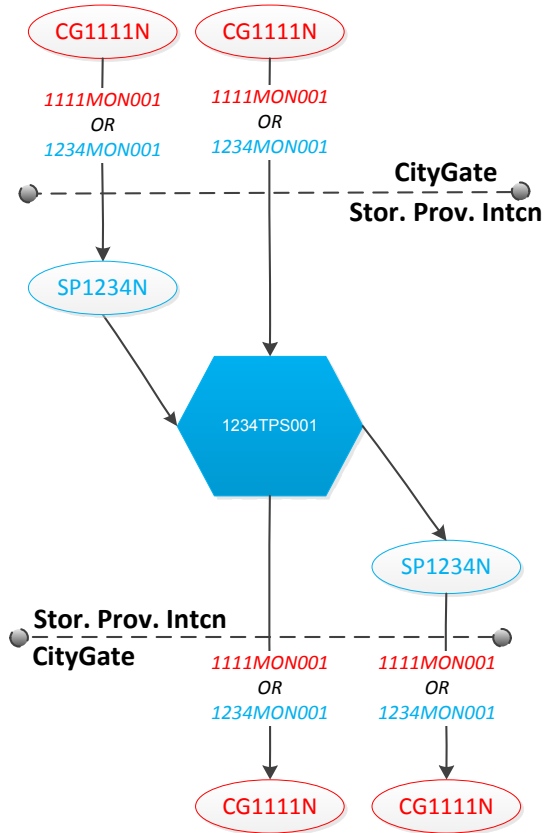
Cut Code	Description	Ranking Used
Imbal-01	This is a pool balancing cut due to a supply shortage upstream and follows the Seller's Destination Rank.	Dest Rank
Imbal-02	This is a pool balancing cut due to insufficient market downstream and follows the Buyer's Source Rank.	Source Rank
Intrcon-01	This is a pool balancing cut resulting from an Intrcon-03 cut upstream, and follows the Seller's Destination Rank when cutting their downstream market.	Dest Rank
Intrcon-02	This is a pool balancing cut resulting from an Intrcon-03 or Intrcon-04 cut downstream, and follows the Buyer's Source Rank when cutting their upstream supply.	Source Rank
Intrcon-03	This is an Interconnect Limit cut and is applied at the transportation level and follows your Source Rank.	Source Rank*
Intrcon-04	This is an Interconnect Limit cut looking at On-System vs. Off-System nominations and will follow your Destination Rank.	Dest Rank*
Path-01	This is a Path Limit cut and is applied at the transportation level and follows your Source Rank.	Source Rank*
Path-02	This is a pool balancing cut resulting from a Path-01 cut downstream, and follows the Buyer's Source Rank when cutting their upstream supply.	Source Rank
Path-03	This is a pool balancing cut resulting from a Path-01 cut upstream, and follows the Seller's Destination Rank when cutting their downstream market.	Dest Rank
OSD-01	This is a pool balancing cut resulting from an OSD-02 downstream, and follows the Buyer's Source Rank when cutting their upstream supply. Cut is due to a PG&E delivery constraint.	Source Rank
OSD-02	This is a TSA Downstream Limit cut (off-system) and generates an OSD-01 when cutting your upstream supply.	Source Rank
SchVol-01	This is an upstream interconnect cut at the TSA level, and follows your Destination Rank.	Dest Rank
SchVol-02	This is a pool balancing cut resulting from a SchVol-01 cut applied to all nominations downstream of the TSA and follows the Seller's Destination Ranking.	Dest Rank
SchVol-03	Scheduled volumes unavailable from the upstream interconnect and nomination cut to zero.	N/A



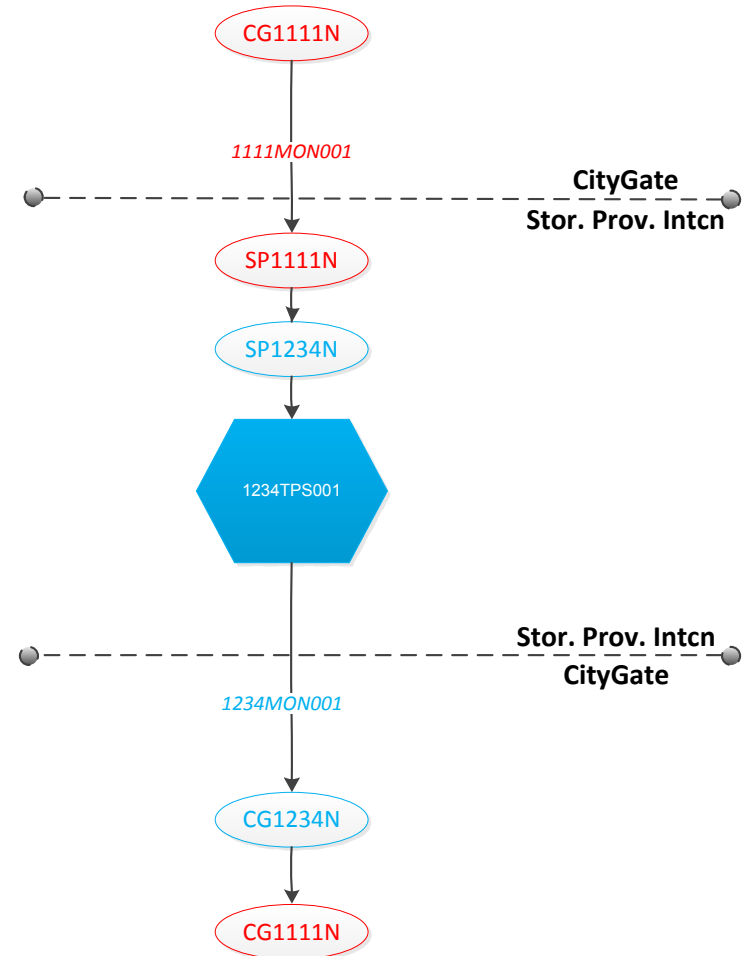
* New

Appendix 2 - ISP Noms

Old Ways (No Longer Allowed)



New Way



Legend

SP = Stor. Provider (e.g., WG)
 1234 = SP Cust. Code
 1111 = Regular Cust. Code

