KINDER MORGAN ROCKIES FAQ





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DART Login Issues: DARTSystemSecurity@kindermorgan.com

Multi-Factor Authentication Issues: MFASupportHD@kindermorgan.com

COMMON BATCH ERRORS:

- Noms Below EPSQ
- Noms Past the cycle deadline
- Your pins being out of balance
- Your heen being out of balance
- Having the wrong Vol type/or the wrong contract
- A nom mismatch with another party (this won't stop Dart from submitting your batch, but will affect your noms later in the cycle, so it's always good to check!)

HOW WE CAN HELP:

EPSQ errors

• If you get this error but you think your changes don't actually impact EPSQ, call us! we can check!

If you are confused by an error

• Give us a call, that's what we are here for - to help YOU!

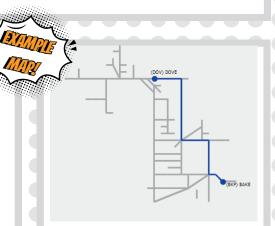
When you get errors, they are usually things you can fix yourself by resetting your batch, which will change it back to a draft, and then double checking to make sure everything is correct.

DID YOU KNOW?

In Dart, we have a graphical pipe screen that allows you to see your path based on your nomination on an actual Pipeline Map! The screen is "Rockies - Graphical Pipe", you 1) choose the pipe and the gas day you would like to look at, and 2) hit retrieve, and it will list all pathed nominations that you have active on that day. Then 3) you can choose a path to look at and it will list all the points within that path. When you 4) click a point, it will also pinpoint it on the map for you.

THIS SCREEN CAN HELP YOU WITH....

- Checking your priorities and entitlements at specific points in your path
- Looking to see which points your path goes through to figure out where your constraints are
- Getting to know the pipe and it's locations better for future nominating



PATH RANKING AND HOW IT CAN HELP YOU

Did you know that along with up and downstream ranking, you can also rank specific paths if you have different priorities! Like other ranking in Dart, the higher the number the lower the priority (i.e. the first to get cut). Here are the steps to Path Ranking:

- Within your batch, click on the contract path tab
- you will see your contracts, and then you click the '+' to expand them
- the "path rank" column at the end is where you can rank the paths within a contract



- Dart's default rank (similarly to Up/down ranking) is 500
- Keep in mind, paths within a contract, with the same rank, will be allocated pro-rata within that rank
- A rank can be anywhere from 1 (highest) to 999 (lowest)

Gas Cycle	Seamless Lockdown	Online Nomination Lockdown	EDI Nomination Lockdown	Confirmation Lockdown	Flow
EPNG Only Cycle 7 (Prior Gas Day)		6:30 AM	6:30 AM	6:30 AM	
Intraday 1	9:00 AM	9:15 AM	9:30 AM	11:30 AM	1:00 PM
Timely	12:00 PM	12:15 PM	12:30 PM	3:30 PM	
Intraday 2	1:30 PM	1:45 PM	2:00 PM	4:00 PM	5:00 PM
Evening (Next Day)	5:00 PM	5:15 PM	5:30 PM	7:30 PM	8:00 AM (Next Day)
Intraday 3	6:00 PM	6:15 PM	6:30 PM	8:30 PM	9:00 PM
EPNG Only Cycle 6		10:00 PM	10:00PM	10:00 PM	12:00 AM
All Times in MST					

Rockies Storage Timeline 100% **Injection Seasons** ADIQ Deacreases (-) **Approx Range of** ADWQ Increases (+) as inventory increases **Spring Bottom Hole Pressure** Surveys Percentage of Maximum Available Capacity (MAC) (BHPS) Approx. Range of Fall Bottom Withdrawal Seasons **Hole Pressure** ADWQ Deacreases (-) 50% ADIQ Increases (+) Surveys Integrity Limit (RIIL) (BHPS) as inventory declines Integrity Limit (RIIL) CIG Storage (TCS) Young Storage (YCS/BCS) **Totem Storage (KCS)** 25% Integrity Limit (RIIL) Max 24% of MAC May 1-15 Likely Availability of Inventory Capacity for Interruptible Storage Services - IS-1, IS-Y, IS-T Injections/Withdrawals

EPSQ

ID1

Formula:

ID1 EPSQ = Evening Scheduled*(5/24)

(5/24 represents the hours elapsed in the GD/remaining hours in the GD from last cycle)

Effective flow: 2pm CT

ID2

Formula:

ID2 EPSQ =

ID1 EPSQ + ((ID1 Scheduled- ID1

EPSQ)*(4/19))

(4/19 is the time between ID1 flow & ID2 flow/remaining hours in GD from last cycle)

Effective flow: 6pm CT

ID3

Formula:

ID3 EPSQ =

ID2 EPSQ + ((ID2 Scheduled-ID2

EPSQ)*(4/15))

(4/15 is the time between ID2 flow & ID3 flow/remaining hours in GD from

last cycle)

Effective flow: 10pm CT

DISCLAIMER: EPSQ calculations in DART may differ, these calculations are provided for reference only

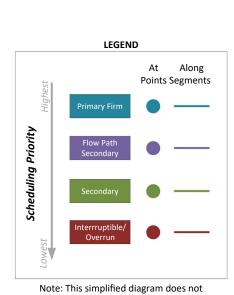
Mcf to DTHS

DTHS TO MCF

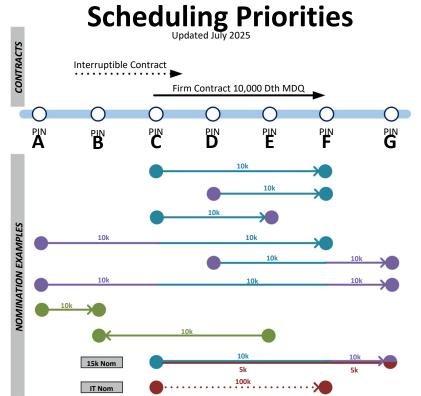
RATE OUT:

Scheduled Qty - Cumulative Hourly
Hours Left in the Day

A 24



Note: This simplified diagram does not Show all possible nomination/segmentation scenarios. Contact your scheduling rep for questions on specific scenarios.





CIG SYSTEM MAP



WIC SYSTEM MAP



CP SYSTEM MAP



TC SYSTEM MAP