Omnibus – Scheduling

Vahan Chaparyan
Gas Scheduling
Changes to Envoy

Interruptible Storage Transactions

5th Nomination Cycle (Intraday 3)

Shipper Imbalance
Interruptible Storage Injection

- Interruptible storage injections will now be allowed on OFO days, subject to available storage injection capacity.

- For all cycles interruptible storage injections will utilize the unused firm injection capacity.

- SoCalGas Scheduling will confirm the interruptible injection nominations according to the price queue that is formed based on bids from customers.
Example of Confirmations

Injection Capacity is 20,000 Dth

<table>
<thead>
<tr>
<th>OCC</th>
<th>Bid</th>
<th>Nomination</th>
<th>Confirmation</th>
</tr>
</thead>
<tbody>
<tr>
<td>OCC A</td>
<td>10,000 Dth @ $0.05</td>
<td>8,000</td>
<td>5217</td>
</tr>
<tr>
<td>OCC B</td>
<td>20,000 Dth @ $0.05</td>
<td>15,000</td>
<td>9783</td>
</tr>
<tr>
<td>OCC C</td>
<td>5,000 Dth @ $0.04</td>
<td>5,000</td>
<td>0</td>
</tr>
<tr>
<td>OCC D</td>
<td>5,000 Dth @ $0.06</td>
<td>5,000</td>
<td>5,000</td>
</tr>
</tbody>
</table>
Interruptible Storage Injection

• *Rank by Market* rankings can be used by the storage owner to determine which interruptible nominations have priority.

• If nominations with the same price need to be reduced, they will be prorated based on the nomination volume.

• Firm injections can bump interruptible through Intraday 2 subject to elapse-prorata. No bumping allowed on Intraday 3.
Interruptible Storage Withdrawal

- Storage Withdrawals will be limited to the withdrawal capacity on any given day.

- For all cycles interruptible storage withdrawal nominations will utilize the unused firm withdrawal capacity.

- No interruptible storage withdrawals are allowed during the 90% winter balancing regime.
Interruptible Storage Withdrawal

• SoCalGas Scheduling will confirm the interruptible withdrawal nominations according to a price queue that is formed based on bids by Customers.

• *Rank by Supply* rankings can be used by the storage owner to determine which interruptible nominations have priority.

• Interruptible storage withdrawals will not count as *Flowing Supplies* during the winter balancing period (November 1st thru March 31).
5th Nomination Cycle (Intraday 3)

- Cycle 5 will be used to balance the End User account by injecting or withdrawing gas from storage on a daily basis.

- Only customers with firm storage rights can utilize the 5th cycle.

- Customers can only make nominations from Storage to End User or End User to Storage. Other types of transactions will not be allowed.
5th Nomination Cycle (Intraday 3)

• Cycle 5 will open for nominations after cycle 4 closes. (Between 3:00pm and 3:15pm Pacific time.)

• Cycle 5 will be closed and processed at 9:00 pm Pacific time unless there is a request for an extension.

• The same validations used in cycles 1 thru 4 will be used for cycle 5.

• Nominations will be limited to a prorata share (based on firm rights) of the injection capacity in cycle 4, minus firm rights that have already been used.
Current Nomination Model
Omnibus Nomination Model
Shipper Imbalance

• A shipper imbalance can occur when at the end of a scheduling day gas deliveries made to the SoCalGas system do not match what was delivered off-system for a particular shipper.

• The shipper imbalance can only occur on the OFF-System Delivery Contract (OSD).

• Shipper Imbalances can either be an under-delivery or an over-delivery.
Example of Under-Delivery (Negative) Shipper Imbalance
Example Over-Delivery (Positive) Shipper Imbalance
Curing Shipper Imbalances

• Customers will be notified of a shipper imbalance by the Gas Scheduler as soon as it is noticed.

• If the shipper imbalance is not fixed by cycle 4, the imbalance will be moved to a imbalance tracking account (G99).

• The customer should cure the imbalance by making a nomination into or out of the G99 account as soon as possible.

• If the shipper imbalance is an under-delivery, the customer should nominate gas into the G99 account from an RPAC, City Gate Pool, or Storage.

• If the shipper imbalance is an over-delivery, the customer should nominate gas out of the G99 account and take it to a City Gate Pool, OSD, End User, or Storage.
Questions?