Capacity Utilization

The Capacity Utilization Report displays the calculation of available capacity by receipt point, storage injection, storage withdrawal and total net system capacity. The customer can find this report useful in analyzing the system on a cycle basis. Customer can determine at which receipt point, area zone, sub-zone or zone available capacity exists. Customers can compare confirmed or scheduled receipts per cycle, with capacity at that location.

1. Login to Envoy

2. Select Start Menu

3. Mouse over Home, Click on Pipeline Operations, Capacity Utilization

The first things you see on this screen, are the Gas Flow Date and Cycle, along with:

- **Cycle Status**: Status of a cycle can be open, closed or approved.
  - If open, then customer can still submit nominations in the Transaction Ledger screen.
  - If closed, then cycle will no longer allow nominations to be submitted until the next cycle for the selected day.
  - If approved, then cycle has been confirmed and customer can view confirmed on-system and off-system nominations.

- **Balancing Status**: Balancing requirement(s) applicable for this day and cycle. Balancing requirements can be Monthly, High OFO, Low OFO and/or EFO. (Note: Refer to SoCalGas’ tariff G-IMB and Rule 30 for further details on these balancing rules.)

- **Capacity Status**: Posts the time stamp of when the capacity for the selected day and cycle was approved.

- **Query filters for Date and Cycle**: You can change the date to view historic information by typing over the Flow Date or selecting a date from the calendar icon.
A couple of definitions to help you understand the Capacity Utilization screen are as follows (more detail of these definitions are found on the actual report if you hover over the label headings, or click on Description of Operating Capacity):

- Latest Scheduled On-System: Nominations scheduled on-system per last allocated cycle.
- Latest Scheduled Off-System: Nominations scheduled to go off-system per last allocated cycle.
- Minimum Flow Requirement: Applies only to Southern Zone and Blythe Sub-zone, and it is the minimum flow of gas required per cycle per day for necessary operational conditions.
- On-System Operating Capacity: Available capacity for receipt of gas from Pipelines or California Producers. Each Day, Receipt Point, Sub-Zone, Area Zone and Transmission Zone On-System capacities are set at their physical operating maximums under the operating conditions (operational constraints considered such as scheduled maintenance or upstream delivery pressures).
- On-System Gross Operating Capacity: Maximum Capacity that can be scheduled on-system; this capacity considers the quarterly published BTS In-Kind percentage.
- Off-System Operating Capacity: Available Capacity for delivery of gas to Pipelines. There is no Off-System available at the California Production Zone and Receipt points, and at Elk Hills-Gosford. SoCalGas reserves the right to reduce the amount of capacity offered for Off-System Delivery (OSD) service at one or more of its OSD points at its sole discretions for operational purposes.
- Confirmed On-System/Off-System: Total confirmed nominations per cycle for receipt and delivery of gas. SoCalGas will limit the confirmed nominations based on priority rights to the total maximum operating capacity of that individual Receipt Point, Sub-zone, Area Zone or Transmission Zone.
- Scheduled On-System/Off-System: Total scheduled nominations per cycle for receipt and delivery of gas.
It is important to understand that the Transmission Zone can be divided into, Area Zone, Sub-Zone and Receipt Points. Here is a definition breakdown of this:

- **Transmission Zone** – When two or more interconnecting pipeline or supply sources deliver/receive into a common Transmission system.
- **Area Zone** – When two or more interconnecting pipeline or supply sources deliver Sub-zone into a common Area system.
- **Sub-Zone** – When two or more interconnecting pipelines or supply sources deliver into Receipt/Delivery Point.
- **Receipt Points** – The physical or logical location where the quantity will be scheduled for receipt by SoCalGas.

The report also displays Cycle specific information for:

- **Total Net System Capacity**: Total capacity allowed in our system. On a non-OFO day, Envoy will hold to the Net System Capacity on cycle 4 only.
On an OFO day, Envoy will hold to the Net System Capacity on cycle 3 and 4. When holding to the Total Net System Capacity, Envoy will reduce nominations pro-rata to maintain system operational integrity.

- **Total Off-System Capacity**: Total capacity allowed to be delivered to pipelines. Envoy will hold to the Total Off-System Capacity and reduce nominations to maintain system operational integrity.
- **Withdrawal Capacity**: Capacity available for storage withdrawal.
- **Storage Injection Capacity**: Raw volume of gas that can be physically injected into storage. This number does not account for the capacity reserved for customer balancing.
- **Net Storage Injection Capacity**: Calculated volume of gas that can be scheduled for injection into storage. This number factors in the amount of capacity used for customer balancing.
  - Interruptible Injection: Total interruptible nominations confirmed and scheduled per cycle per day.
  - Firm Injection: Total firm nominations confirmed and scheduled per cycle per day.

This report can also be viewed from the external Home page without having to log into the Envoy system. Go to Home, Operations (click on down arrow), select Capacity Utilization. Refer to print screen above.