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1.1 Low OFO Calculation

A Low Operational Flow Order (OFO) occurs when the **Forecasted Total Daily Customer Imbalance** is greater than the **Storage Withdrawal Limit For Balancing** resulting in **Excess Storage Withdrawal For Balancing**. A calculation is completed prior to Cycle 2 and Cycle 3 to determine if there is a Low OFO condition. Once declared, the OFO will remain for the complete gas flow day. An Emergency Flow Order (EFO) can be declared any time. A notice is then posted in Envoy as required in SoCalGas Tariff, Rule 30.

**Calculation Timeline**

The Low OFO status is calculated prior to each nomination cycle deadline, as follows:

<table>
<thead>
<tr>
<th>Cycle</th>
<th>Low OFO Calculation Deadline</th>
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<tr>
<td>Timely</td>
<td>9:00 am Pacific Time one day prior to flow date</td>
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<tr>
<td>Evening</td>
<td>3:00 pm one day prior to flow date *</td>
</tr>
<tr>
<td>Intraday 1</td>
<td>8:00 pm one day prior to flow date *</td>
</tr>
<tr>
<td>Intraday 2</td>
<td>11:30 am on the flow date</td>
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<tr>
<td>Intraday 3</td>
<td>4:00 pm on the flow date</td>
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**Note:**

* Low OFO can only be declared on Cycle 2 and Cycle 3.

An EFO (Emergency Flow Order) can be declared at any time under emergency conditions.
1.1.1 Navigating Low OFO Calculation Ledger

The Low OFO Calculation can be located via the Pipeline Operations Quick Links widget or Click on Low OFO Calculation. If you don’t see the Pipeline Operations widget, click on Add Widgets at the top right of the screen to add it to your landing page.

During a Low OFO event, customers are required schedule above the minimum percentage tolerance of the amount of gas their expected total burns/usage on that day (-25% to 0%). Non-compliant customers will be charged a volumetric charge set by the stage. If a Stage 5 Low OFO or an EFO is declared, there are Daily Balancing Stand-by Rate charges in addition to Non-compliance Charges.

**Example:** Intraday 1 Cycle Low OFO Declared

A Stage 1 Low OFO is declared with a -5% Tolerance, customers are required to schedule equal to or greater than 95% of their expected total burns/usage to avoid a $0.25/Dth Non-Compliance Charge.
4.2.2 Calculating Low OFO Condition

1. **Forecasted Total Daily Customer Imbalance** =
   1a. If Withdrawals > Injections, then:
   
   Calculated Forecasted Send Out – Forecasted Receipts – Forecasted Net Withdrawals (Injections)
   
   OR

   1b. If Withdrawals < Injections, then:
   
   Calculated Forecasted Send Out – Forecasted Receipts + Absolute Value (Withdrawals - Injections)

2. **Storage Withdrawal Limit For Balancing** =

   20% of Withdrawal Capacity

3. **Excess Storage Withdrawal For Balancing** =

   3a. If Forecasted Storage Withdrawal for Balancing > Storage Withdrawal Limit for Balancing, then:
   
   Storage Withdrawal Limit for Balancing – Forecasted Storage Withdrawal for Balancing, therefore:
   
   **Low OFO Declared**
   
   OR

   3b. If Forecasted Storage Withdrawal for Balancing ≤ Storage Withdrawal Available for Balancing, then:
   
   Excess Storage Withdrawal for Balancing = 0, therefore:
   
   **No OFO Declared**
Details: Specifics of Low OFO Calculation for Cycle 2 and Cycle 3.

Description of Low OFO Calculation: Stage, Daily Imbalance Tolerance and Noncompliance Charge.

- **Stage**: Based on market conditions, the Tolerance/Charges necessary to incentivize market compliance.
- **Daily Imbalance Tolerance**: Allowable Percentage of Metered Usage required to avoid penalties.
- **Non Compliance Charge ($/Dth)**: Penalty rate per Dekatherm for scheduled quantities below tolerance.
Archive (Select Month/Year):

Low OFO Archive | Low OFO Calculation
| 2016 | January | February | March | April | May | June | July | August | September | October | November | December |
| 2017 | January | February | March | April | May | June | July | August | September | October | November | December |
| 2016 | January | February | March | April | May | June | July | August | September | October | November | December |

Low OFO/EFO Event History (Date, Stage, Tolerance):

For more information refer to:
  - Rule 41 (Ctrl+Click to follow link)

For a complete list of Tariffs refer to:
  - Tariffs – Gas Rate Schedules & Associated Rules (Ctrl+Click to follow link)