How OPIS Reflects the Assessed Costs Associated with Cap-at-the-Rack and LCFS By Supplier Reflections will be assumptions used in the adjusted OPIS Rack Reports

Last Updated 10/4/2018

<table>
<thead>
<tr>
<th>Cap-at-the-Rack and LCFS Both Line Items</th>
<th>Cap-at-the-Rack Built in Price LCFS Line Item</th>
<th>Cap-at-the-Rack and LCFS Both Built in Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ExxonMobil</td>
<td>Petro Diamond</td>
<td>Bay Bio</td>
</tr>
<tr>
<td>Valero</td>
<td></td>
<td>Chevron</td>
</tr>
<tr>
<td>Pro Petro</td>
<td></td>
<td>Community</td>
</tr>
<tr>
<td>Western Refining</td>
<td></td>
<td>CRCM</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Crestwood</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Enterprise</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Flint Hills</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GoldenGate</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Idemitsu</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Imperial</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Kern Oil</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Kinergy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Musket</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PBF Energy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Plains</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PSX</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Shell</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Shell-TSO</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Suma</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Targa</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Targray</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tesoro</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Texaco</td>
</tr>
<tr>
<td></td>
<td></td>
<td>United Pacific</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Valero Propane</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Vitol</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Whole Energy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>XOM-TSO</td>
</tr>
</tbody>
</table>

**For detailed supplier specific handling please click a supplier within the chart to be directed to full detail**
Bay Bio
Cap-at-the Rack and LCFS Both Built in Price
• Pure Bio/ethanol and Propane only suppliers – no impact and no normalization stem from the LCFS assessment
• Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.

Chevron
Cap-at-the Rack and LCFS Both Built in Price
• OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

Community
Cap-at-the Rack and LCFS Both Built in Price
• Pure Bio/ethanol and Propane only suppliers – no impact and no normalization stem from the LCFS assessment
• OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

CRCM
Cap-at-the Rack and LCFS Both Built in Price
• Pure Bio/ethanol and Propane only suppliers – no impact and no normalization stem from the LCFS assessment
• OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

Crestwood
Cap-at-the Rack and LCFS Both Built in Price
• Pure Bio/ethanol and Propane only suppliers – no impact and no normalization stem from the LCFS assessment
• OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

Enterprise
Cap-at-the Rack and LCFS Both Built in Price
• Pure Bio/ethanol and Propane only suppliers – no impact and no normalization stem from the LCFS assessment
• OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

ExxonMobil
Cap-at-the Rack and LCFS Both Line Items
• Cap-at-the-rack: Supplier Assessed Value
• LCFS: NOT YET Confirmed
• OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

Flint Hills
Cap-at-the Rack and LCFS Both Built in Price
• Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.

GoldenGate
Cap-at-the Rack and LCFS Both Built in Price
• Pure Bio/ethanol and Propane only suppliers – no impact and no normalization stem from the LCFS assessment
• OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

Idemitsu
Cap-at-the Rack and LCFS Both Built in Price
Latest Change Effective 1/1/2016
• Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.

Imperial
Cap-at-the Rack and LCFS Both Built in Price
• OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.
Kern Oil
Cap-at-the Rack and LCFS Both Built in Price
- Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.

Kinergy
Cap-at-the Rack and LCFS Both Built in Price
- Pure Bio/ethanol and Propane only suppliers – no impact and no normalization stem from the LCFS assessment
- OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

Musket
Cap-at-the Rack and LCFS Both Built in Price
- Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.

PBF Energy
Cap-at-the Rack and LCFS Both Built in Price
- Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.

Petro Diamond
Cap-at-the-Rack Built in Price LCFS Line Item
- Cap-at-the-Rack: OPIS Assessed Value
- LCFS: Supplier Assessed Value
  - The OPIS assessed values will be applied to this supplier using the OPIS Cap-at-the-Rack and/or OPIS LCFS cost from 6:00 pm ET on the day of the CAR/LCFS publish until 5:59 pm ET the next day
- Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.

Plains
Cap-at-the Rack and LCFS Both Built in Price
- Pure Bio/ethanol and Propane only suppliers – no impact and no normalization stem from the LCFS assessment
- OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

Pro Petro
Cap-at-the-Rack and LCFS Both Line Items
- Cap-at-the-rack: Supplier Assessed Value
- LCFS: Supplier Assessed Value
- Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.

PSX
Cap-at-the Rack and LCFS Both Built in Price
- Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.

Shell
Cap-at-the Rack and LCFS Both Built in Price
- OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

Shell-TSO
Cap-at-the Rack and LCFS Both Built in Price
Latest Change Effective 1/1/2016
- OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

Suma
Cap-at-the Rack and LCFS Both Built in Price
- Pure Bio/ethanol and Propane only suppliers – no impact and no normalization stem from the LCFS assessment
- OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs
Targa
Cap-at-the Rack and LCFS Both Built in Price
- Pure Bio/ethanol and Propane only suppliers – no impact and no normalization stem from the LCFS assessment
- OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

Targray
Cap-at-the Rack and LCFS Both Built in Price
- Pure Bio/ethanol and Propane only suppliers – no impact and no normalization stem from the LCFS assessment
- OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

Tesoro
Cap-at-the Rack and LCFS Both Built in Price
Latest Change Effective 1/1/2016
- OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

Texaco
Cap-at-the Rack and LCFS Both Built in Price
- OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

UnitedPacific
Cap-at-the Rack and LCFS Both Built in Price
- Pure Bio/ethanol and Propane only suppliers – no impact and no normalization stem from the LCFS assessment
- Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.

Valero Propane
Cap-at-the Rack and LCFS Both Built in Price
- Valero Propane posted rack prices will include the GHG assessed costs. OPIS may not adjust any propane prices however.
- Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.

Valero
Cap-at-the-Rack and LCFS Both Line Items
- Cap-at-the-rack: Supplier Assessed Value
- LCFS: Supplier Assessed Value
- Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.

Vitol
Cap-at-the Rack and LCFS Both Built in Price
- OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

Western Refining
Cap-at-the-Rack and LCFS Both Line Items
- Cap-at-the-Rack: OPIS Assessed Value
  o The OPIS assessed values will be applied to this supplier using the OPIS Cap-at-the-Rack and/or OPIS LCFS cost from 6:00 pm ET on the day of the CAR/LCFS publish until 5:59 pm ET the next day
- LCFS: OPIS Assessed Value
  o The OPIS assessed values will be applied to this supplier using the OPIS Cap-at-the-Rack and/or OPIS LCFS cost from 6:00 pm ET on the day of the CAR/LCFS publish until 5:59 pm ET the next day
- Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.
**Whole Energy**

**Cap-at-the Rack and LCFS Both Built in Price**
- Pure Bio/ethanol and Propane only suppliers – no impact and no normalization stem from the LCFS assessment
- OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

**XOM-TSO**

**Cap-at-the Rack and LCFS Both Built in Price**
- Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.