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

Last Updated 3/31/2020

<table>
<thead>
<tr>
<th>Cap-at-the-Rack and LCFS/Crude CI Deficit Both Line Items</th>
<th>Cap-at-the-Rack, LCFS, and Crude CI Deficit Built in Price</th>
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<td>ExxonMobil</td>
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<td>Pro Petro</td>
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<td>U.S. Oil</td>
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<td>Valero Propane</td>
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<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**

Note: LCFS normalization costs include BOTH the LCFS assessed value and the Crude CI Deficit Value (combined value)
BP
Cap-at-the Rack, LCFS, and Crude CI Deficit Built in Price
- Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.

Boyett
Cap-at-the Rack, LCFS, and Crude CI Deficit Built in Price
- OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

Chevron
Cap-at-the Rack, LCFS, and Crude CI Deficit Built in Price
- 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/Crude CI Deficit 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, LCFS, and Crude CI Deficit Built in Price
- Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.

Flyers
Cap-at-the Rack, LCFS, and Crude CI Deficit Built in Price
- Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.

Idemitsu
Cap-at-the Rack, LCFS, and Crude CI Deficit 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.

Kern Oil
Cap-at-the Rack, LCFS, and Crude CI Deficit 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, LCFS, and Crude CI Deficit 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.

Marathon
Cap-at-the Rack, LCFS, and Crude CI Deficit 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.

Midstream
Cap-at-the Rack, LCFS, and Crude CI Deficit 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, LCFS, and Crude CI Deficit 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, LCFS, and Crude CI Deficit 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, LCFS, and Crude CI Deficit Built in Price
• 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/Crude CI Deficit 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, LCFS, and Crude CI Deficit Built in Price
• Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.

River City
Cap-at-the Rack, LCFS, and Crude CI Deficit Built in Price
• OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.

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

United Pacific
Cap-at-the Rack, LCFS, and Crude CI Deficit 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.

U.S. Oil
Cap-at-the Rack, LCFS, and Crude CI Deficit Built in Price
• OPIS received information from sources indicating supplier’s method for assessing Cap-at-the-Rack and LCFS costs.
Valero Propane
Cap-at-the Rack, LCFS, and Crude CI Deficit 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/Crude CI Deficit 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.

XOM-TSO
Cap-at-the Rack, LCFS, and Crude CI Deficit Built in Price
- Method for assessing Cap-at-the-Rack and LCFS costs confirmed from supplier or by way of official announcement.