

California Refined Products Outlook

Prepared for PBF Energy, Inc.
June 1, 2021

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- 2. Our clients: government agencies, oil and renewable fuels companies, trade associations, technology developers, private equity firms, and law firms.
- Leading experts on the supply and demand fundamentals that drive the West Coast transportation fuels markets.

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Introduction & Purpose

California refined products demand is recovering from COVID-19 but is anticipated to decline due to a number of factors. New Bay Area Air Quality Management District (BAAQMD) rulemaking in the San Francisco Bay would reduce the level of particulate emissions for area fluid catalytic cracking (FCC) units, that would require sizable investment in required control technology, that could have a significant impact on the SF Bay, California and all of the West Coast product supply

Stillwater is hereby providing an assessment of the outlook for California transport fuel, how implementation of Rule 6-5 could affect supply and demand and impact state consumers.

Summary & Highlights – Refined Products

- 1. Demand for California transportation fuels was decimated by COVID.
- 2. While demand for transportation fuels has been recovering, several factors will combine to put pressure on refined product demand and, ergo, financial performance.
- 3. With closure of Marathon Martinez (2020) and Phillips Rodeo (2023) SF Bay refineries, the market will be short in 2023, but balanced to long with subsequent demand erosion.
- 4. The idling of Marathon and Rodeo will reduce PM₁₀ by more than contemplated by BAAQMD Rule 6-5.
- 5. Rule 6-5 will exert additional pressure on the impacted refineries in SF (Chevron and PBF), that will likely close rather than install BACT.
- 6. With only one remaining operating refinery in SF (Valero Benicia), SF will be significantly short refined products, more than any time ever for any enclave on the West Coast.
- 7. To balance, supply will shift to an enormous volume of foreign imports from Asia that will increase delivery lead times from a matter of days to weeks or months, and increasing vessel traffic, a serious concern over the past years for BAAQMD.



Summary & Highlights – Refined Products (cont'd)

- 8. The level of imports will shift from crude to products, increasing SF Bay vessel traffic by 358 per year, (+14% vs 2019), straining marine oil terminals (MOT) capacity, and expose the Northern California supply system to outage, particularly during turnarounds or outages of the Valero refinery.
- 9. By comparison, ExxonMobil's 2015/16 Torrance outage flipped PADD 5 gasoline supply/demand from long to short, increasing foreign imports by only 65 KBD driving prices up statewide.
- 10. BAAQMD staff expects that Valero will make a small investment to upgrade its existing wet gas scrubber to comply with new limits contemplated. However, should this not be feasible, it is likely demands may not be met.
- 11. And the CA consumer will pay the price to the tune of \$6.7 billion annually.

The Marathon (2020) and Phillips (2023) refinery closures will reduce PM emissions by more than that contemplated by Rule 6-5, without an adverse effect on air quality due to increased vessel traffic.

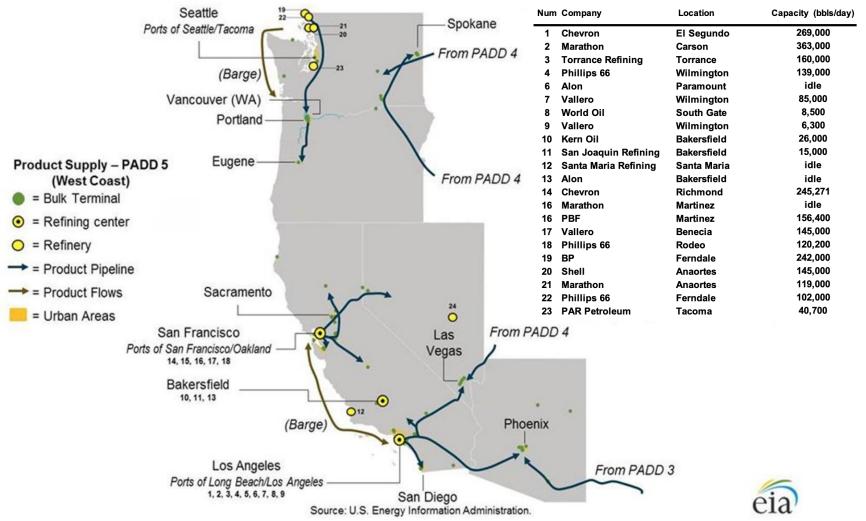
SECTION 1a:

Current status and outlook for supply and demand of California petroleum products



Historically with all refineries running, CA refineries have produced...

- An excess of diesel than needed to meet demands (long)
- 2. But not enough gasoline and jet fuel (short)





SF refineries produce more transportation fuels than NoCal & Reno need; LA refineries do not produce enough for SoCal, AZ & NV.

| Product Demand | | 20 | 19 | |
|---------------------|------|-----|--------|-------|
| (CA, AZ, NV) in KBD | Gas | Jet | Diesel | Total |
| Northern CA | | | | |
| Demand | 404 | 102 | 153 | 659 |
| Biofuels Supplied | 43 | 0 | 25 | 68 |
| Production | 410 | 109 | 180 | 699 |
| Net (Long) Short | (49) | (7) | (52) | (108) |
| Foreign Imports | 9 | 1 | 1 | 11 |
| From PNW | 8 | 0 | 0 | 8 |
| From SoCA | (20) | (5) | 0 | (25) |
| Foreign Exports | (46) | (3) | (53) | (102) |
| Total (Out) In | (49) | (7) | (52) | (108) |
| Southern CA | | | | |
| Demand | 684 | 270 | 198 | 1152 |
| Biofuels Supplied | 58 | 0 | 29 | 87 |
| Production | 544 | 191 | 171 | 906 |
| Net (Long) Short | 82 | 79 | (2) | 159 |
| Foreign Imports | 43 | 40 | 1 | 84 |
| From PNW | 20 | 40 | 0 | 60 |
| From NoCA | 20 | 5 | 0 | 25 |
| Foreign Exports | (1) | (6) | (3) | (10) |
| Total (Out) In | 82 | 79 | (2) | 159 |



Sources: Stillwater analysis, EIA data, CEC LPP Movements

SF was 108 KBD long product pre-COVID. Refiners export gasoline and diesel to balance supply.



SF Bay marine traffic for ships or barges to load and/or offload crude oil, feedstocks, or products was in excess of 2500.

| Facility | Vessel o | Vessel calls | | | |
|--------------------------------------|----------|--------------|--|--|--|
| Facility | Ship | Barge | | | |
| CHEVRON RICHMOND | 420 | 325 | | | |
| TESORO, AMORCO-MARTINEZ ¹ | 94 | 0 | | | |
| TESORO, AVON-MARTINEZ | 51 | 3 | | | |
| VALERO BENICIA | 94 | 73 | | | |
| SHELL MARTINEZ | 79 | 112 | | | |
| PHILLIPS 66 RODEO | 84 | 118 | | | |
| PHILLIPS 66 RICHMOND | 171 | 130 | | | |
| Sub-total Refineries | 993 | 761 | | | |
| | | | | | |
| TRANSMONTAIGNE -MTZ | 61 | 65 | | | |
| SHORE TERMINALS | 48 | 14 | | | |
| TRANSMONTAIGNE RICH | 30 | 200 | | | |
| IMTT, RICHMOND | 3 | 321 | | | |
| RICHMOND PRODUCTS | 15 | 8 | | | |
| KINDER MORGAN | 1 | 0 | | | |
| Sub-total third party terminals | 158 | 608 | | | |
| TOTAL | 1151 | 1369 | | | |

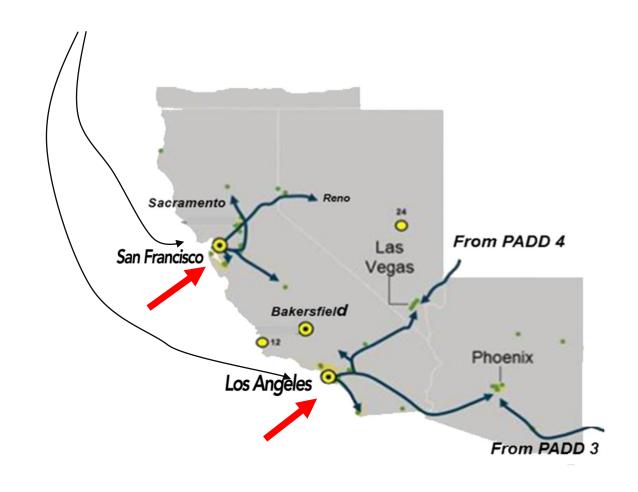
^{1.} Tesoro Terminals subsequently purchased by Marathon in 2019.

Several factors will impact the future:

- 1. How long to recover demand lost by the pandemic?
- 2. Increased displacement of diesel by BD & RD (This is projected to increase from 54 KBD in 2019 to 124 KBD in 2023 to 147 kbd in 2026).
- 3. How fast do EVs increase penetration into the light and heavy-duty vehicle markets?
- 4. Does sustainable aviation fuel (SAF) begin to materially displace petroleum jet fuel?
- 5. What other regulations are implemented impacting refiners and/or product markets?
- How do consumer's travel habits change? These include commuting, air and road travel.
- 7. How do consumer's purchasing habits change? Do trips to local stores continue to be displaced by on-line orders that require delivery?

By 2023, loss in production from refinery closures will more than offset demand erosion and biofuels growth, so NoCal will net short products.

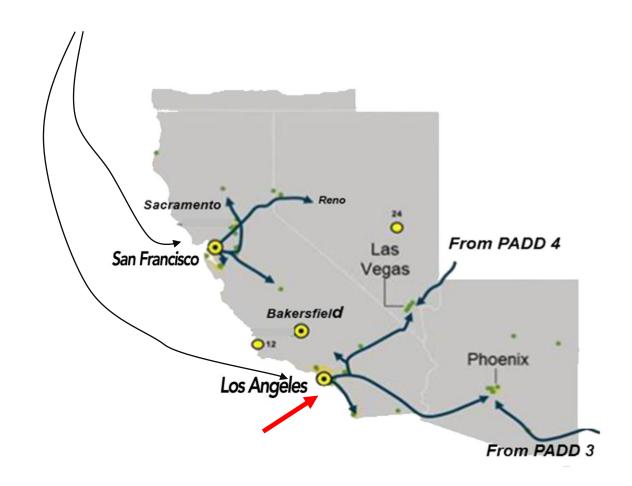
| Product Demand (CA, | | 20 | 23 | |
|---------------------|-----|-----|--------|-------|
| AZ, NV) in KBD | Gas | Jet | Diesel | Total |
| Northern CA | | | | |
| Demand | 371 | 94 | 160 | 625 |
| Biofuels Supplied | 38 | 0 | 55 | 93 |
| Production | 282 | 98 | 115 | 495 |
| Net (Long) Short | 51 | (4) | (10) | 37 |
| Foreign Imports | 16 | 0 | 0 | 16 |
| From PNW | 32 | 0 | 0 | 32 |
| From SoCA | 5 | (2) | 0 | 3 |
| Foreign Exports | (2) | (2) | (10) | (14 |
| Total (Out) In | 51 | (4) | (10) | 37 |
| Southern CA | | | | |
| Demand | 628 | 255 | 195 | 1079 |
| Biofuels Supplied | 58 | 0 | 59 | 117 |
| Production | 553 | 214 | 158 | 925 |
| Net (Long) Short | 17 | 41 | (22) | 37 |
| Foreign Imports | 12 | 43 | 0 | 55 |
| From PNW | 10 | 2 | 0 | 12 |
| From NoCA | (5) | 2 | 0 | (3 |
| Foreign Exports | 0 | (6) | (22) | (28 |
| Total (Out) In | 17 | 41 | (22) | 36 |



Sources: Stillwater analysis, EIA data, CEC LPP Movements

By 2026, continued demand declines cause NoCal to become balanced and SoCal to become less short.

| Product Demand (CA, | | 20 | 26 | |
|---------------------|------|------|--------|-------|
| AZ, NV) in KBD | Gas | Jet | Diesel | Total |
| Northern CA | | | | |
| Demand | 345 | 104 | 158 | 607 |
| Biofuels Supplied | 37 | 0 | 73 | 110 |
| Production | 302 | 108 | 85 | 495 |
| Net (Long) Short | 6 | (4) | 0 | 2 |
| Foreign Imports | 0 | 0 | 0 | 0 |
| From PNW | 10 | 4 | 10 | 24 |
| From SoCA | 0 | (6) | 0 | (6) |
| Foreign Exports | (4) | (2) | (10) | (16) |
| Total (Out) In | 6 | (4) | 0 | 2 |
| Southern CA | | | | |
| Demand | 588 | 272 | 199 | 1059 |
| Biofuels Supplied | 56 | 0 | 74 | 130 |
| Production | 530 | 243 | 134 | 907 |
| Net (Long) Short | 2 | 29 | (9) | 22 |
| Foreign Imports | 2 | 37 | 0 | 39 |
| From PNW | 10 | 6 | 0 | 16 |
| From NoCA | 0 | 6 | 0 | 6 |
| Foreign Exports | (10) | (20) | (9) | (39) |
| Total (Out) In | 2 | 29 | (9) | 22 |



Sources: Stillwater analysis, EIA data, CEC LPP Movements

SECTION 1b

Likely impact of the BAAQMD
Rule 6-5 on SF Bay,
California and West Coast
petroleum products



BAAQMD Rule 6-5 Summary

- Emissions from petroleum refinery fluidized catalytic cracking units total approximately 825 tons per year of PM₁₀
- 2. These emissions contribute to approximately 50 percent of all refinery PM₁₀ emissions, represent approximately 17 percent of PM₁₀ emissions from all inventoried stationary sources at facilities with Air District permits,
- 3. ...but 3 percent of all human-made PM₁₀ emissions in the Bay Area.
- 4. BAAQMD Staff estimate that implanting wet gas scrubbing on the impacted refineries would reduce PM₁₀ emissions by 493 tons per year.

Table 1 – Particulate Matter Emissions from Petroleum Refinery Fluidized Catalytic Cracking Units by Facility

| Facility | FCCU Fresh Feed Capacity (barrels per day) ²⁶ | PM ₁₀ (tons per year) | PM _{2.5} (tons per year) | | |
|---|---|-------------------------------------|--------------------------------------|--|--|
| Chevron Products Richmond ^a | 80,000 | 245 | 229 | | |
| Marathon Martinez Refinery ^{b,c} | 70,000 | 190 | 190 | | |
| PBF Martinez Refinery ^a | 67,400 | 309 | 300 | | |
| Valero Benicia Refineryd | 72,000 | 81 | 81 | | |
| Total ^e | 289,400 | 825 | 800 | | |

^a Emissions based on reported 2018 facility emissions inventory for total PM.

Source: TAFF REPORT Proposed Amendments to Regulation 6, Rule 5: Particulate Emissions from Petroleum Refinery Fluidized Catalytic Cracking Units, March 2021

^b Reported 2018 facility emissions inventory only included filterable PM. Emissions shown here are based on average 2020 source test emission rate data for total PM. PM₂₅ emissions were assumed to be equal to PM₁₀ emissions.

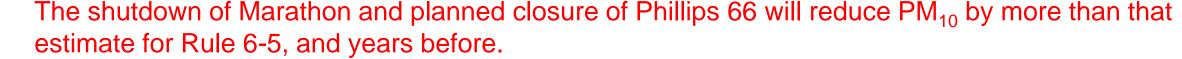
^c The Marathon Martinez Refinery announced the idling of the refinery, including the facility's fluidized catalytic cracking unit, in April 2020. Marathon announced in July 2020 that the facility would remain indefinitely idled with no plans to restart.

^d Reported 2018 facility emissions inventory only included filterable PM. Emissions shown here are based on average 2016-2019 source test emission rates data for total PM at flue gas scrubber stack, which includes combined emissions from Valero's fluidized catalytic cracking unit and coker unit. PM_{2.5} emissions were assumed to be equal to PM₁₀ emissions.

^e Total figures shown include the Marathon Martinez Refinery, which was idled in April 2020 and remains indefinitely idled.

BAAQMD Rule 6-5 Summary (cont'd)

- 5. The two impacted refineries estimate the cost to be \$2.2 billion \$1.4 billion for Chevron and \$0.8 billion for PBF to achieve a 400 ton per year reduction in PM10.
- 6. However, PM₁₀ emissions in the SF Bay have already been favorably impacted by Marathon's Martinez closure, and will again in 2023 by Phillips' Rodeo closure, both well in advance of the results from Rule 6-5.
- 7. Based on BAAQMD Staff data that FCCs represent 50% of refinery emissions, it is estimated that Marathon closure reduced PM10 by 2 x 190, or 380 tons per year.
- 8. Using BAAQMD 2011, it is estimated that the Phillips closure will reduce PM₁₀ by an additional 150 tons per year, starting in 2023.



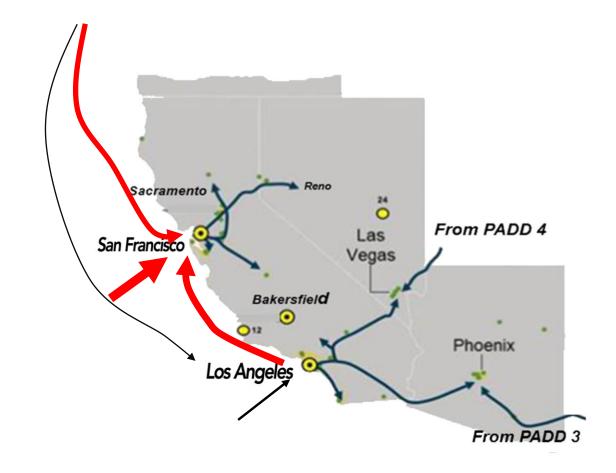


IMPACT OF BAAQMD Rule 6-5 AMENDMENTS

- 1. If implemented the BAAQMD Rule 6-5 will disadvantage the two impacted refineries vs the sole unaffected SF refinery, and none of the LA or PNW refineries.
- 2. Impacted refineries have little alternatives install BACT or close, a partial operation with no FCC/Ally, minimum crude and gas oil sales is unlikely.

PBF & Chevron closures result in the SF Bay and the entire West Coast short products

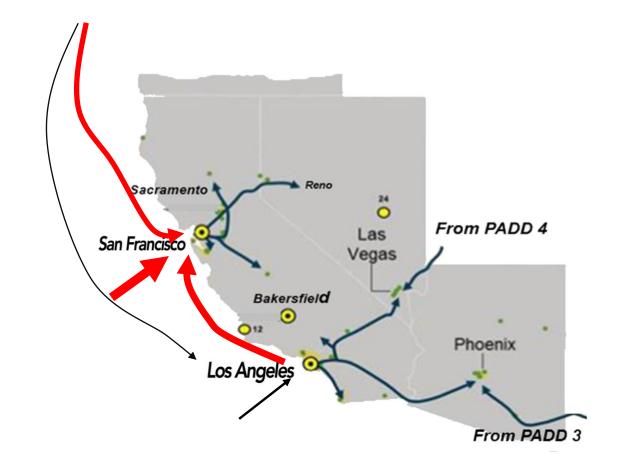
| Product Demand (CA, | 2026 w/o Chev & PBF | | | | | |
|---------------------|---------------------|-----|--------|-------|--|--|
| AZ, NV) in KBD | Gas | Jet | Diesel | Total | | |
| Northern CA | | | | | | |
| Demand | 345 | 104 | 158 | 607 | | |
| Biofuels Supplied | 37 | 0 | 73 | 110 | | |
| Production | 95 | 20 | 25 | 140 | | |
| Net (Long) Short | 213 | 84 | 60 | 357 | | |
| Foreign Imports | 125 | 80 | 30 | 235 | | |
| From PNW | 38 | 12 | 30 | 80 | | |
| From SoCA | 50 | (6) | 0 | 44 | | |
| Foreign Exports | 0 | (2) | 0 | (2) | | |
| Total (Out) In | 213 | 84 | 60 | 357 | | |
| Southern CA | | | | | | |
| Demand | 588 | 272 | 199 | 1059 | | |
| Biofuels Supplied | 56 | 0 | 74 | 130 | | |
| Production | 570 | 213 | 134 | 917 | | |
| Net (Long) Short | (38) | 59 | (9) | 12 | | |
| Foreign Imports | 6 | 47 | 0 | 53 | | |
| From PNW | 16 | 6 | 0 | 22 | | |
| From NoCA | (50) | 6 | 0 | (44) | | |
| Foreign Exports | (10) | 0 | (9) | (19) | | |
| Total (Out) In | (38) | 59 | (9) | 12 | | |



Sources: Stillwater analysis, EIA data, CEC LPP Movements

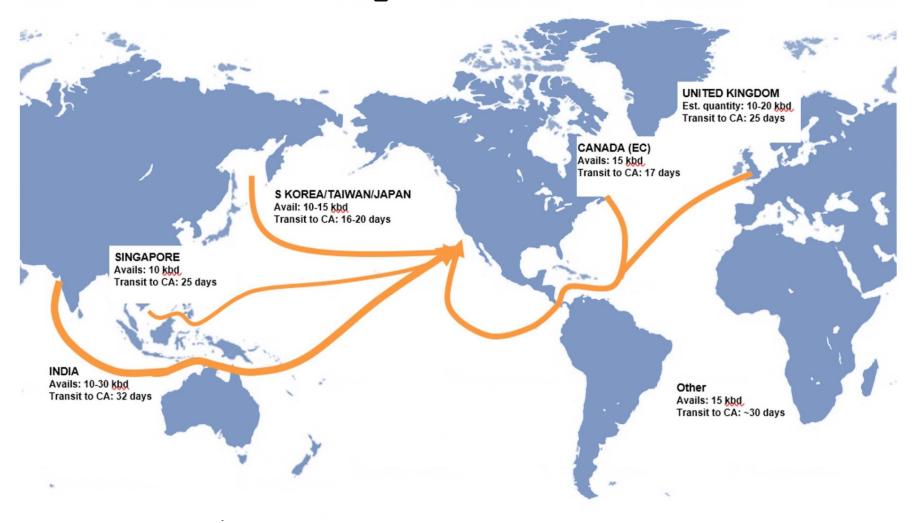
These shutdowns will increase foreign and domestic products shipped into the SF Bay by 355 KBD

| Product Demand (CA, | 2026 w/o Chev & PBF vs 2026 | | | | | |
|---------------------|-----------------------------|------|--------|-------|--|--|
| AZ, NV) in KBD | Gas | Jet | Diesel | Total | | |
| Northern CA | | | | | | |
| Demand | 0 | 0 | 0 | 0 | | |
| Biofuels Supplied | 0 | 0 | 0 | 0 | | |
| Production | (207) | (88) | (60) | (355) | | |
| Net (Long) Short | 207 | 88 | 60 | 355 | | |
| Foreign Imports | 125 | 80 | 30 | 235 | | |
| From PNW | 28 | 8 | 20 | 56 | | |
| From SoCA | 50 | 0 | 0 | 50 | | |
| Foreign Exports | 4 | 0 | 10 | 14 | | |
| Total (Out) In | 207 | 88 | 60 | 355 | | |
| Southern CA | 0 | 0 | 0 | 0 | | |
| Demand | 0 | 0 | 0 | 0 | | |
| Biofuels Supplied | 0 | 0 | 0 | 0 | | |
| Production | 40 | (30) | 0 | 10 | | |
| Net (Long) Short | (40) | 30 | 0 | (10) | | |
| Foreign Imports | 4 | 10 | 0 | 14 | | |
| From PNW | 6 | 0 | 0 | 6 | | |
| From NoCA | (50) | 0 | 0 | (50) | | |
| Foreign Exports | 0 | 20 | 0 | 20 | | |
| Total (Out) In | (40) | 30 | 0 | (10) | | |



Sources: Stillwater analysis, EIA data, CEC LPP Movements

The required supply lines especially for gasoline will move from local to Asia with long in transit time



Compared to 2026 with Chevron and PBF in operation, SF Bay marine oil traffic will increase significantly - by 358 per year

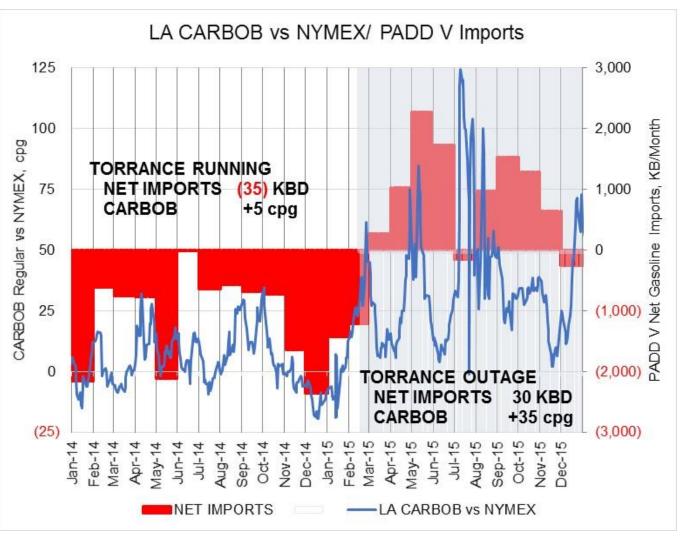
| Volumes in KBD CRUDE | 2026 Crude Input | by Pipelin e | by Marine | w/o Chevron & PBF | | Vessel Capacity KB | Calls |
|-----------------------|------------------------|--------------------|--------------|-------------------------|-------|--------------------------|-------|
| Chevron Richmond | 226 | 0 | 226 | idle | (226) | 600 | (137) |
| PBF Martinez | 144 | 70 | 74 | idle | (74) | 350 | (77) |
| Total Crude | 370 | 70 | 300 | 0 | (300) | | (214) |
| REFINED PRODUCT | | | | | | | |
| Foreign Imparts | | | 0 | 235 | 235 | | |
| From PNW | | | 24 | 80 | 56 | | |
| From SoCA | | | (6) | 44 | 50 | | |
| Foreign Exports | | | (16) | (2) | 14 | | |
| Total Products (C | out) In | | 2 | 357 | 355 | | |
| Tankers in | | | 0 | 235 | | 320 | 268 |
| Tankers Out | | | 18 | 2 | | 320 | (18) |
| Barges in | | | 6 | 132 | | 120 | 383 |
| Barges out | | | 24 | 6 | | 120 | (55) |
| Total Products | | | | | | · | 578 |

Increase/(decrease) Vessel Calls 363

Source: Stillwater analysis



By comparison, ExxonMobil's 2015/16 Torrance outage flipped PADD 5 gasoline supply/demand from long to short, increasing net imports by only 65 KBD



Source: Stillwater analysis, OPIS, EIA data



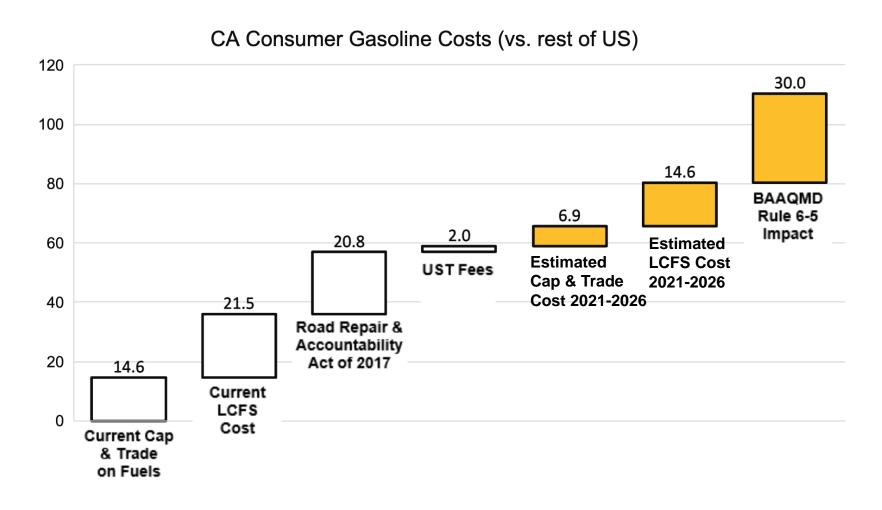
CA consumers will pay the price, to the tune of \$6.7B annually

SECTION 1c

Other likely or currently contemplated regulations that would significantly worsen the costs to CA consumers



The cost to CA consumers is already considerable (60 cpg) and will increase by an additional 52 cpg with this rule.



SECTION 1d

Summary



Summary & Highlights – Refined Products

- 1. Demand for California transportation fuels was decimated by COVID.
- While demand for transportation fuels has been recovering, several factors will combine to put pressure on refined product demand, and ergo financial performance.
- 3. With the closure of Marathon Martinez (2020) and Phillips Rodeo (2023) SF Bay refineries, the market will be short in 2023, but balanced to long with subsequent demand erosion.
- 4. The idling of Marathon and Rodeo will reduce PM₁₀ by more than contemplated by BAAQMD Rule 6-5.
- 5. Rule 6-5 will exert additional pressure on the impacted refineries in SF (Chevron and PBF), that will likely close rather than install BACT.

6. With only one remaining operating refinery in SF (Valero Benicia), SF will be significantly short refined products, more than any time ever for any enclave on

the West Coast.

7. To balance, supply will shift to an enormous volume of foreign imports from Asia, that will increase delivery lead times from a matter of days, to weeks or months and increasing vessel traffic, a serious concern over the past years for BAAQMD.

| Product Demand | | 2019 | | | 2023 | | 2026 | | 2026 v | v/o CH | & PBF | |
|---------------------|------|------|--------|-----|------|--------|------|-----|--------|--------|-------|--------|
| (CA, AZ, NV) in KBD | Gas | Jet | Diesel | Gas | Jet | Diesel | Gas | Jet | Diesel | Gas | Jet | Diesel |
| North CA | | | | | | | | | | | | |
| Demand | 404 | 102 | 153 | 371 | 94 | 160 | 345 | 104 | 158 | 345 | 104 | 158 |
| Biofuels Supplied | 43 | 0 | 25 | 38 | 0 | 55 | 37 | 0 | 73 | 37 | 0 | 73 |
| Production | 410 | 109 | 180 | 282 | 98 | 115 | 302 | 108 | 85 | 95 | 20 | 25 |
| Net (Long) Short | (49) | (7) | (52) | 51 | (4) | (10) | 6 | (4) | 0 | 213 | 84 | 60 |
| Southern CA | | | | | | | | | | | | |
| Demand | 684 | 270 | 198 | 628 | 255 | 195 | 588 | 272 | 199 | 588 | 272 | 199 |
| Biofuels Supplied | 58 | 0 | 29 | 58 | 0 | 59 | 56 | 0 | 74 | 56 | 0 | 74 |
| Production | 544 | 191 | 171 | 553 | 214 | 158 | 530 | 243 | 134 | 570 | 213 | 134 |
| Net (Long) Short | 82 | 79 | (2) | 17 | 41 | (22) | 2 | 29 | (9) | (38) | 59 | (9) |
| Total California | | | | | | | | | | | | |
| Demand | 1088 | 372 | 351 | 999 | 350 | 355 | 934 | 376 | 357 | 934 | 376 | 357 |
| Biofuels Supplied | 101 | 0 | 54 | 96 | 0 | 114 | 93 | 0 | 147 | 93 | 0 | 147 |
| Production | 954 | 300 | 351 | 835 | 312 | 273 | 832 | 351 | 219 | 665 | 233 | 159 |
| Net (Long) Short | 33 | 72 | (54) | 68 | 38 | (32) | 9 | 25 | (9) | 176 | 143 | 51 |

Summary & Highlights – Refined Products (cont'd)

- 8. The level of imports will shift from crude to products, increasing SF Bay vessel traffic by 358 per year, (+14% vs 2019), straining marine oil terminals (MOT) capacity, and expose the Northern California supply system to outage, particularly during turnarounds or outages of the Valero refinery.
- 9. By comparison, ExxonMobil's 2015/16 Torrance outage flipped PADD 5 gasoline supply/demand from long to short, increasing foreign imports by only 65 KBD – driving prices up statewide.
- 10. BAAQMD staff expects that Valero will make a small investment to upgrade its existing wet gas scrubber to comply with new limits contemplated. However, should this not be feasible, it is likely demands may not be met.
- 11. And the CA consumer will pay the price to the tune of \$6.7 billion annually.

The Marathon (2020) and Phillips (2023) refinery closures will reduce PM emissions by more than that contemplated by Rule 6-5, without an adverse effect on air quality due to increased vessel traffic.



Stillwater Associates

...experience runs deep

Appendix



SF Bay Marine Oil Terminals (MOTs)

| Location | Name | Berth | Products Storage | Connections to distribution | Utilization |
|-----------|------------------------------|-------|-------------------------|--------------------------------------|---|
| Pittsburg | Bay Bulk | 1 | None | Roadways, pipeline, truck rack | PetCoke |
| Richmond | BP Lubricants | 1 | None | Roadways, pipeline, truck rack | Petro Lube Oils |
| Richmond | BP West Coast | 1 | None | Roadways, pipeline, truck rack | Petro Lube Oils |
| Richmond | California Oils | 1 | Yes-Liquid Bulk | Roadways, pipeline, truck rack, rail | Petro Lube Oils |
| Richmond | Chevron Longwarf | 4 | None | Roadways, pipeline, truck rack, rail | Petro Lube Oils |
| Richmond | ConocoPhillips | 1 | None | Roadways, pipeline, truck rack, rail | Petro Lube Oils |
| Richmond | IMTT | 1 | Yes-Liquid Bulk | Roadways, pipeline, truck rack, rail | Bulk Liquid Storage |
| Richmond | Kinder Morgan | 1 | Yes-Liquid Bulk | Roadways, pipeline, truck rack, rail | CARB, CARB ULSD, Ehanol |
| Richmond | Levin Richmond Terminal Corp | 1 | None | Roadways, pipeline, truck rack, rail | Bulk Liquid Storage, Bauxite, Petcoke, Coal, Scrap Metal, Ores |
| Martinez | Marathon Amorco | 1 | Yes-Liquid Bulk | Roadways, truck rack, rail | Auto, Petcoke |
| Martinez | Marathon Avon | 1 | None | Roadways, truck rack, rail | Petcoke |
| Selby | NuStar Energy | 1 | None | Roadways, truck rack, rail | Gasoline, gasoline blend stocks, jet fuel, aviation gas, MTBE, ethanol, JP-5, JP-8. |
| Richmond | Pacific Atlantic Terminals | 1 | None | Roadways, truck rack, rail | Petroleum Products |
| Martinez | PBF Energy | 1 | None | Roadways | Petroleum Products |
| Rodeo | Phillips 66 | 1 | Yes | Roadways, pipeline, truck rack, rail | Gasoline, diesel & aviation fuel, PetCoke, Sulfur |
| Martinez | Transmontaigne | 1 | None | Roadways | Crude oil, finished products |
| Benicia | Valero Dock | 1 | Yes | | Jet, diesel, asphalt, CARB |

Source: Morgan Shipping, SFO Marine Oil Terminal Port Listing