

## **WEEKLY RECAP**

## Monday, January 8, 2024

January 1, 2024

То

January 5, 2024

"What do you need to start a business? Three simple things: know your product better than anyone, know your customer, and have a burning desire to succeed." - Dave Thomas

The Markets were closed on Monday of last week in observance of the New Year holiday!

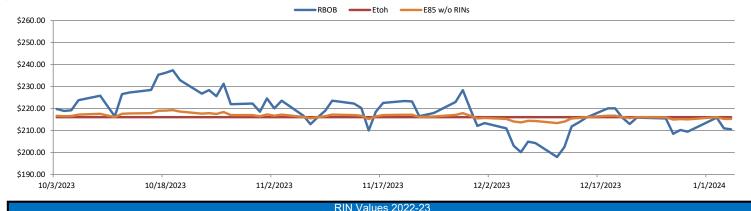
In a lackluster RINS session on Tuesday of last week, D4 RINs closed at 77 cents per RIN, down ½ of a cent per RIN from the previous Friday's close. Meanwhile, D6 RINS closed at 77 cents per RIN, flat from the previous Friday's close. Ethanol at Argo closed at \$1.52 and ½ of a cent per gallon, down 6 and ½ cents per gallon from the previous Friday's close. LCFS credits in California in a non-active session closed at \$66.25 per MT, down 25 cents MT from the previous Friday's close.

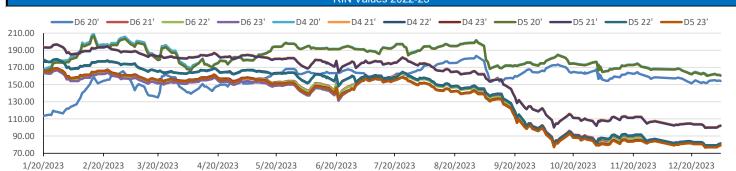
2023 LCFS credits in California closed out the day at \$67 per MT in a very active session, up 75 cents per MT day over day. D6 RINS closed at 78 cents RIN, up 1 cent per RIN day over day. D4 RINS closed at 78 cents per RIN, also up 1 cent per RIN day over day. Last, but not least, Ethanol at Argo closed at \$1.52 and ½ of a cent per gallon, no change day over day.

Ethanol at Agro closed higher on Thursday of last week up 2 and ½ cents per gallon day over day to close at \$1.55 per gallon. LCFS credits in California closed at \$68.50 per MT on Thursday of last week, up \$1.50 per MT day over day. Meanwhile, D4 RINS closed at 79 cents per RIN, up 1 cent per RIN day over day. D6 RINS closed at 78 and ½ of a cent per RIN, up ½ of a cent per RIN day over day.

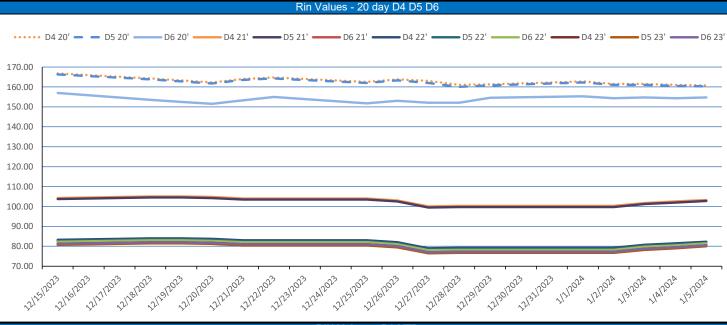
In a busy end to the week, D4 RINS closed out the day and the week at 80 and ½ of a cent per RIN, up 1 and ½ cents per RIN day over day and up 3 cents per RIN week over week. D6 RINS closed at 79 and ½ of a cent per RIN, up one cent per RIN day over day, and up 2 and ½ cents per RIN week over week. Ethanol at Argo closed out the day and the week at \$1.59 per gallon, up 4 cents per gallon day over day, but flat week over week. LCFS credits in California closed out the day the week and the year at \$68.50 per MT, flat day over day, but up \$2 per MT week over week.

We hor	e that eve	rvone has a g	reat week!													
						RINs									LCFS	
	D6 - 21	D6-22	D6-23	D5-21	D5-22	D5-23	D4-21	D4-22	D4-23	D3-21	D3-22	D3-23			California	Oregon
Low	77.00	77.00	76.50	98.00	77.00	76.00	99.00	78.00	77.00	321.00	308.00	315.00		Low	66.00	80.00
High	82.50	83.00	81.50	104.00	83.00	81.00	104.00	83.00	81.00	337.00	324.00	335.00		High	68.50	83.00
Avg	78.90	79.65	78.65	101.10	80.10	78.15	101.60	80.60	78.65	328.00	317.10	324.00		Close	67.36	81.80
			RBOE	B/Ethanol					RIN	Values	- 2020			Spot Ark	Snapsh	ot (cpa)
																1 1 3/
СВОТ Е	THANOL	RBC	В	EtOH - R	BOB DIFF	Imp. E85	Price w/D6	BO Fu		ULSD F		ULSD +	D4 RIN		06 Diff	(22.00)
CBOT E	THANOL Settle	RBC Month	B Settle	EtOH - R Month	BOB DIFF Settle	Imp. E85 Month	Price w/D6 Calc	BO Fu 1-Feb				ULSD + 1-Feb	<b>D4 RIN</b> 341.45	D5 - D		
									itures	ULSD F	utures			D5 - D	06 Diff Santos	(22.00)
Month	Settle	Month	Settle	Month	Settle	Month	Calc	1-Feb	tures 47.17	ULSD F	260.85	1-Feb	341.45	D5 - D FOB S Imp. NYH A	06 Diff Santos	(22.00) 475.00
Month 1-Jan	<b>Settle</b> 158.00	Month 1-Jan	<b>Settle</b> 210.55	Month 1-Jan	<b>Settle</b> -52.55	Month 1-Jan	<b>Calc</b> 165.21	1-Feb 1-Mar	47.17 47.63	ULSD F 1-Feb 1-Mar	260.85 257.59	1-Feb 1-Mar	341.45 338.19	D5 - D FOB S Imp. NYH /	06 Diff Santos Anhydrous	(22.00) 475.00 519.00
Month 1-Jan 1-Feb	<b>Settle</b> 158.00 159.00	Month 1-Jan 1-Feb	<b>Settle</b> 210.55 213.13	Month 1-Jan 1-Feb	-52.55 -54.13	Month 1-Jan 1-Feb	Calc 165.21 166.44	1-Feb 1-Mar 1-Apr	47.17 47.63 48.05	ULSD F 1-Feb 1-Mar 1-Apr	260.85 257.59 252.54	1-Feb 1-Mar 1-Apr	341.45 338.19 333.14	D5 - D FOB S Imp. NYH / Chic	06 Diff Santos Anhydrous cago	(22.00) 475.00 519.00 158.88



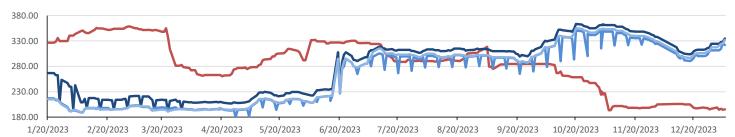


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## RIN Values - D3 YTD

\_\_\_\_ D3 20' \_\_\_\_ D3 21' \_\_\_\_ D3 22' \_\_\_\_ D3 23'



	PFL 2021 - 22 D6 Outlook	
2021 Projections Nov STEO	Nov 23 M/M Change	Nov 2023
EIA Projected Gasoline Consumption (STEO est.)	8670 mb/d -310	8,827
Fuel Ethanol Blended into Gasoline (STEO est.)	936 mb/d -45	3,830
Fuel Ethanol Production (STEO est)	1039 mb/d 3	1,053
Ethanol demand at 10% (calc)	104 mb/d 0	105
<u>2022 D6 RINs</u>		
Weekly average Ethanol production	1,075 wkd ended 12/29/2024	

Weekly average Etnahol production 1,075 wkd ended 12/29/2024

Most recent 4 week average 1,065 wkd ended 12/29/2024

YTD average 1,004 through 12/29/2024

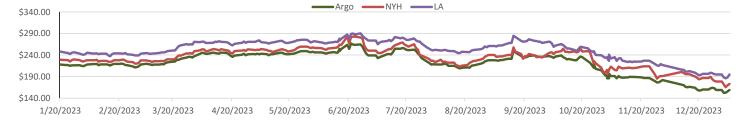
D6 RINs from ethanol based on ytd average 15,393 million RINs

Jan-Dec EMTS D6 RIN data 15,054 million RINs
Annualized D6 Production based on EMTS 18,075 million RINs

RES2 Data



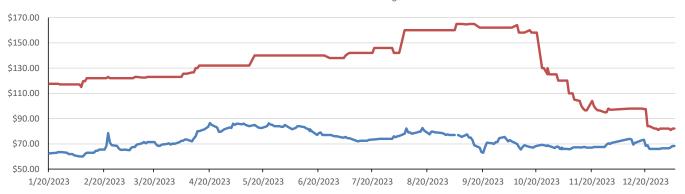
			RFS2 Data			
	202	3 RVO	2024	RVO	2025	RVO
Type	Projection	Generated	Projection	Generated	Projection	Generated
Renewable	20.94 billion gal	TBD	18.84 billion gal	TBD	20.63 billion gal	TBD
Biomass-based	2.82 billion gal	TBD	2.43 billion gal	TBD	2.76 billion gal	TBD
Advanced	5.94 billion gal	TBD	5.05 billion gal	TBD	5.63 billion gal	TBD
Cellulosic	84 million gal	TBD	560 million gal	TBD	630 million gal	TBD
			ARB DESTINATION \	/ALUES		



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## LCFS Values - 1 Year





					Sa	ntos					
\$715.00			~~	1-							
\$665.00				7	~II V	_					
\$615.00	~~~			$\lambda_{\lambda_i}$		4					
\$565.00							4	*		~~	
\$515.00								<b>"</b> \	~~~		$\sim$
\$465.00	Т	- I	1	-	-	-		-	-		<u> </u>
1/20/20	023 2/20/202	3 3/20/2023	4/20/2023	5/20/2023	6/20/2023	7/20/2023	8/20/2023	9/20/2023	10/20/2023	11/20/2023	12/20/2023

					F	PFL Daily	Breakdo	own			
			F	RINs cent	ts/RIN						
	1-J	an	2-J	lan	3-0	Jan	4-0	lan	5-0	lan	
Туре	Bid	Ask	Bid	Ask	Bid	Ask	Bid	Ask	Bid	Ask	
D6-21	77.00	78.00	77.00	78.00	78.00	80.00	78.00	81.50	79.00	82.50	
D6-22	77.00	79.50	77.00	79.50	79.00	80.50	79.00	82.00	80.00	83.00	
D6-23	77.00	77.50	76.50	78.00	78.00	79.50	78.50	80.50	79.50	81.50	
D4-21	99.00	101.50	99.00	101.50	101.00	102.50	102.00	103.00	102.50	104.00	
D4-22	78.00	80.50	78.00	80.50	80.00	81.50	81.00	82.00	81.50	83.00	
D4-23	77.00	77.50	77.00	77.50	78.00	79.50	78.00	81.00	80.00	81.00	
D5-21	98.00	101.50	98.00	101.50	100.00	102.50	101.00	103.00	101.50	104.00	
D5-22	77.00	80.50	77.00	80.50	79.00	81.50	80.00	82.00	80.50	83.00	RELENTLESS SERVICE™
D5-23	76.00	77.50	76.00	77.50	77.00	79.50	77.00	81.00	79.00	81.00	
D3-21	321.00	328.00	321.00	328.00	326.00	329.00	327.00	330.00	333.00	337.00	
D3-22	308.00	315.00	308.00			316.00		317.00			
D3-23	315.00	320.00	320.00	322.00	322.00	326.00	323.00	327.00	330.00	335.00	
				LCFS \$	/MT						
	1-J	an	2-J	lan	3-0	lan	4-ر	lan	5-	lan	
Type	Bid	Ask	Bid	Ask	Bid	Ask	Bid	Ask	Bid	Ask	www.pflpetroleum.com
LCFS	66.00	67.00	66.00	67.00	67.00	67.50	68.00	68.50	68.00	68.50	
LCFS-OR	81.00	83.00	81.00	83.00	80.00	82.00	81.00	83.00	81.00	83.00	
						Physica	al Biofuel	S			

	\$/gallon (B100)
	1/5/2024
3.35	SME Chicago
3.25	SME GC
3.25	FAME Chicago

FAME GC

3.15

Туре	1/1/2024	1/2/2024	1/3/2024	1/4/2024	1/5/2024	Туре	1-Feb	1-Mar
RBOB	210.55	211.01	215.81	209.49	210.26	Corn Futures	472.75	503.50
CBOT	216.10	216.10	216.10	216.10	216.10	Soybean Futures	1256.25	1221.75
E85 W/O RINs	215.27	215.34	216.06	215.11	215.22	NAT Gas	2.57	2.88
НО	260.85	258.84	260.44	252.58	255.31	S&P 500	4688.68	
ВО	47.17	47.88	48.10	47.79	47.84			

	DOE STORAGE								
Date	Crude	Cushing	Gasoline	Distillate	Fuel Ethanol	Petroleum Reserve			
22-Dec	440,773	30,779	224,013	113,539	22,100	351,911			
29-Dec	443,682	32,465	226,723	115,024	22,906	352,540			
1-Jan	436,568	33,973	226,054	115,765	23,517	353,333			

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