

WEEKLY RECAP

Monday, April 22, 2024

April 15, 2024

То

April 19, 2024

"Every man's work, whether it be literature, music or pictures or architecture or anything else, is always a portrait of himself." - Samuel Butler

In a very boring day for renewables - Ethanol at Argo closed at \$1.63 per gallon on Monday of last week, no change from the previous Friday's close. LCFS credits in California closed at \$62 per MT, no change from the previous Friday's close in an active session. In a very slow RINS session, D4 RINS closed at 47 cents per RIN, no change from the previous Friday's close. Meanwhile, D6 RINS also closed at 47 cents per RIN, no change from the previous Friday's close.

On another slow day in RINS on Tuesday of last week, D4 RINs closed at 45 cents per RIN, down 2 cents per RIN day over day. Meanwhile, D6 RINS also closed at 45 cents per RIN, down 2 cents per RIN day over day. Ethanol traded slightly higher on Tuesday of last week, closing at \$1.63 and ½ of a cent per gallon, up ½ of a cent per gallon day over day. LCFS credits in an active session closed at \$61 per MT, down \$1 per MT day over day.

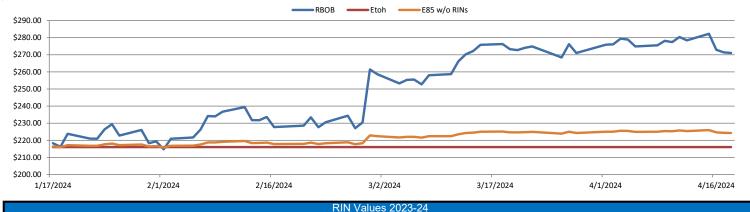
In a semi busy day in LCFS credits in California, they closed out the day at \$59 per MT on Wednesday of last week, down \$2 per MT day over day. D6 RINS closed at 44 and ½ of a cent per RIN, down ½ of a cent per RIN day over day. Ethanol at Argo closed at \$1.62 and ½ of a cent per gallon, down 1 cent per gallon day over day.

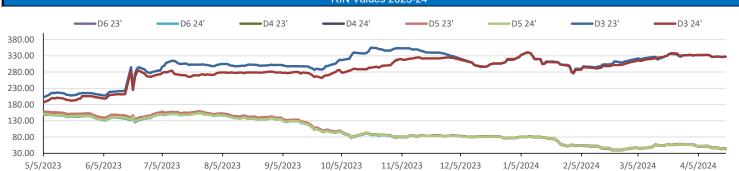
Ethanol at Argo closed at \$1.63 per gallon up ½ of a cent per gallon up 1 cent per gallon day over day. LCFS credits in California, in a very active session, closed at \$58 per MT, down \$1 per MT day over day. In a very slow RINS session on Thursday of last week, D4 RINS closed at 45 cents per RIN, up ½ of a cent per RIN day over day. D6 RINS closed at 45 cents per RIN, also up ½ of a cent per RIN day over day.

D4 RINS closed out the day, and the week, at 44 cents per RIN, down 1 cent per RIN day over day, and down 3 cents per RIN week over week. Meanwhile, D6 RINS also closed at 44 cents per RIN, down 1 cent per RIN day over day, and down 3 cents per RIN week over week. Ethanol at Argo closed out the day and the week at \$1.67 per gallon, up 4 cents per gallon day over day and up 4 cents per gallon week over week. LCFS credits in California closed at \$58 per MT, no change day over day, but down \$4 per MT week over week.

Have a great week!

						RINs									LCFS	
	D6-23	D6-24		D5-23	D5-24		D4-23	D4-24		D3-23	D3-24				California	Oregon
Low	42.50	43.00		41.00	42.00		42.00	43.00		325.00	326.00			Low	58.00	67.00
High	47.50	47.50		47.00	47.50		47.00	47.50		330.00	330.00			High	63.00	72.00
Avg	44.35	44.95		43.45	44.55		43.95	45.05		327.20	327.20			Close	60.00	68.90
			RBO	B/Ethanol				RIN Values - 2020				Spot Arb Snapshot (cpg)				
CBOT ETHANOL RBOB			BOB DIFF Imp. E85 Price w/D6													
CBOT E	THANOL	RBC)B	EtOH - R	BOB DIFF	Imp. E85	Price w/D6	BO Fu	ıtures	ULSD F	utures	ULSD +	D4 RIN	D5 - D	06 Diff	1.00
CBOT E	THANOL Settle	RBC Month	Settle	EtOH - R Month	BOB DIFF Settle	Imp. E85 Month	Price w/D6 Calc	BO Fu 1-May	44.38	ULSD F	254.13	ULSD + 1-May	D4 RIN 298.08	D5 - D FOB S		1.00 545.00
_						•							298.08		Santos	
Month	Settle	Month	Settle	Month	Settle	Month	Calc	1-May	44.38	1-May	254.13	1-May	298.08	FOB S	Santos	545.00
Month 1-Apr	Settle 164.50	Month 1-Apr	Settle 271.03	Month 1-Apr	Settle -106.53	Month 1-Apr	Calc 180.10	1-May 1-Jun	44.38 44.94	1-May 1-Jun	254.13 255.06	1-May 1-Jun	298.08 299.01	FOB S Imp. NYH A	Santos Anhydrous	545.00 566.00
Month 1-Apr 1-May	Settle 164.50 168.50	Month 1-Apr 1-May	Settle 271.03 268.34	Month 1-Apr 1-May	Settle -106.53 -99.84	Month 1-Apr 1-May	Calc 180.10 183.09	1-May 1-Jun 1-Jul	44.38 44.94 45.14	1-May 1-Jun 1-Jul	254.13 255.06 255.86	1-May 1-Jun 1-Jul	298.08 299.01 299.81	FOB S	Santos Anhydrous cago	545.00 566.00 165.25

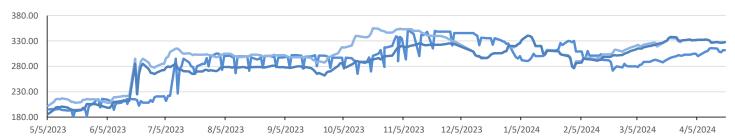




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D3 22' −D3 23' **− −**D3 24'



	PFL 2022 - 23 D6 O	PFL 2022 - 23 D6 Outlook				
2024 Projections Feb STEO	Feb 24	M/M Change	Feb 2023			
EIA Projected Gasoline Consumption (STEO est.)	8624 mb/d	210	8,715			
Fuel Ethanol Blended into Gasoline (STEO est.)	898 mb/d	23	6,830			
Fuel Ethanol Production (STEO est)	1034 mb/d	31	1,003			
Ethanol demand at 10% (calc)	103 mb/d	3	100			
2024 D6 RINs						
Weekly average Ethanol production	1 042 wkd ended	4/12/2024	=			

Most recent 4 week average 0 wkd ended 4/12/2024 YTD average 4/12/2024 0 through D6 RINs from ethanol based on ytd average 0 million RINs

15,054

Annualized D6 Production based on EMTS 18,075 million RINs

Jan-Dec EMTS D6 RIN data



RFS2 Data								
	2023 RVO		2024	RVO	2025 RVO			
Type	Projection	Generated	Projection	Generated	Projection	Generated		
Renewable	20.94 billion gal	TBD	21.54 billion gal	TBD	22.33 billion gal	TBD		
Biomass-based	2.82 billion gal	TBD	3.04 billion gal	TBD	3.35 billion gal	TBD		
Advanced	5.94 billion gal	TBD	6.54 billion gal	TBD	7.33 billion gal	TBD		
Cellulosic	840 million gal	TBD	1.09 billion gal	TBD	1.38 billion gal	TBD		
	ARR DESTINATION VALUES							

million RINs



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LCFS Values - 1 Year - California -Oregon \$170.00 \$150.00 \$130.00 \$110.00 \$90.00 \$70.00 \$50.00 5/5/2023 6/5/2023 7/5/2023 8/5/2023 9/5/2023 10/5/2023 11/5/2023 12/5/2023 1/5/2024 2/5/2024 3/5/2024 4/5/2024 Santos \$700.00 \$600.00 \$500.00 \$400.00 5/5/2023 6/5/2023 7/5/2023 8/5/2023 9/5/2023 10/5/2023 11/5/2023 12/5/2023 1/5/2024 2/5/2024 3/5/2024 4/5/2024 PFL Daily Breakdown RINs cents/RIN 17-Apr 19-Apr 16-Apr 18-Apr 15-Apr Bid Bid Bid Bid Ask Bid Type Ask Ask Ask Ask D6-23 45.00 47.50 43.00 45.00 43.50 44.00 44.00 45.00 42.50 44.00 D6-24 46.50 47.50 44.00 45.50 43.00 45.50 44.00 46.00 43.00 44.50 45.00 47.00 43.00 44.50 43.00 43.50 43.00 45.00 42.00 D4-23 43.50 43.00 D4-24 47.00 47.50 44.00 46.00 44.00 44.50 44.00 46.00 44.50 D5-23 44.00 47.00 42.00 44.50 42.00 43.50 42.00 45.00 41.00 43.50 D5-24 46.00 47.50 43.00 46.00 43.00 44.50 43.00 46.00 42.00 44.50 RELENTLESS SERVICE™ D3-23 326.00 330.00 325.00 | 329.00 | 326.00 | 327.00 | 326.00 | 328.00 | 326.00 | 329.00 330.00 326.00 | 328.00 | 326.00 | 327.00 | 326.00 | 328.00 | 326.00 | 329.00 D3-24 326.00 LCFS \$/MT 15-Apr 16-Apr 17-Apr 18-Apr 19-Apr Bid Ask Bid Ask Bid Ask Bid Ask Bid Ask www.pflpetroleum.com LCFS 62.00 63.00 61.00 62.00 58.00 60.00 58.00 59.00 58.00 59.00 LCFS-OR 70.00 72.00 67.00 | 69.00 | 67.00 69.00 68.00 70.00 68.00 70.00 Physical Biofuels

\$/gallon (B100)	
4/19/2024	
SME Chicago	3.35
SME GC	3.25
FAME Chicago	3.25
FAME GC	3.15

Туре	4/15/2024	4/16/2024	4/17/2024	4/18/2024	4/19/2024	Туре	1-May	1-Jun
RBOB	271.03	271.37	272.87	282.23	278.39	Corn Futures	440.75	483.75
CBOT	216.10	216.10	216.10	216.10	216.10	Soybean Futures	1165.75	1173.25
E85 W/O RINs	224.34	224.39	224.62	226.02	225.44	NAT Gas	2.32	2.53
НО	254.13	253.39	257.47	265.13	265.42	S&P 500	5011.12	
ВО	44.38	44.12	45.00	44.91	45.47			

	DUE STURAGE								
Date	Crude	Cushing	Gasoline	Distillate	Fuel Ethanol	Petroleum Reserve	Γ		
22-Mar	446,994	31,451	234,083	117,898	25,782	361,556			
29-Mar	445,042	31,433	230,773	118,522	26,009	362,306			
5-Apr	448,207	33,540	232,072	117,337	26,092	363,050			

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