

Gasoline

	RBOB	Change	Gulf CBOB	Change	Group Sub NL	Change	Gulf Basis	Group Basis	LA Basis
11/29	\$2.2550	\$0.0250	\$2.0418	\$0.0253	\$1.9990	\$0.0215	\$ (0.2137)	\$ (0.2563)	\$ 0.2371
11/28	\$2.2300	\$0.0501	\$2.0165	\$0.0409	\$1.9775	\$0.0236	\$ (0.2136)	\$ (0.2525)	\$ 0.2386
11/27	\$2.1799	-\$0.0525	\$1.9756	-\$0.0418	\$1.9539	-\$0.0806	\$ (0.2043)	\$ (0.2261)	\$ 0.1665
11/22	\$2.2324	-\$0.0014	\$2.0174	\$0.0021	\$2.0345	-\$0.0021	\$ (0.2151)	\$ (0.1979)	\$ 0.2010
11/21	\$2.2338	\$0.0078	\$2.0153	\$0.0223	\$2.0366	-\$0.0111	\$ (0.2185)	\$ (0.1972)	\$ 0.1995
11/20	\$2.2260	\$0.0415	\$1.9930	\$0.0553	\$2.0478	\$0.0181	\$ (0.2330)	\$ (0.1783)	\$ 0.1997
11/17	\$2.1845	\$0.0834	\$1.9378	\$0.0756	\$2.0297	\$0.0859	\$ (0.2468)	\$ (0.1548)	\$ 0.1896
11/16	\$2.1011	-\$0.1007	\$1.8622	-\$0.1095	\$1.9438	-\$0.0970	\$ (0.2390)	\$ (0.1573)	\$ 0.3068

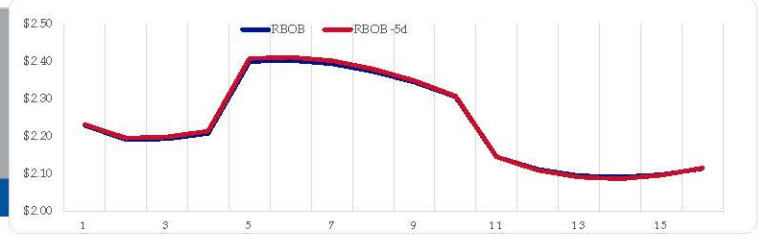
RBOB Technicals

Indicator	Direction	Resistance
MACD	Neutral	2.9936 2023 High
Stochastics	Bullish	2.7703 Sep High
RSI	Neutral	2.0900 2023 Low
ADX	Bearish	2.0204 Dec 2022 Low
Momentum	Neutral	
Bias:	Neutral	

Gasoline History



Gasoline Forward Curve



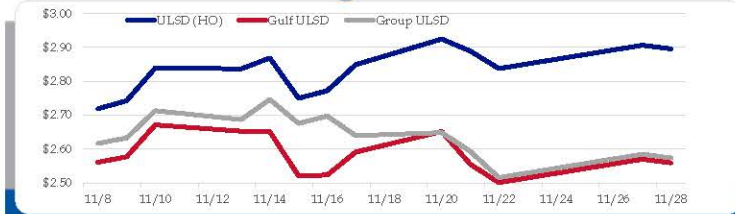
Diesel

	ULSD (HO)	Change	Gulf ULSD	Change	Group ULSD	Change	Gulf Basis	Group Basis	LA Basis
11/29	\$2.8958	-\$0.0112	\$2.5591	-\$0.0112	\$2.5739	-\$0.0110	\$ (0.3377)	\$ (0.3221)	\$ 0.0200
11/28	\$2.9070	\$0.0691	\$2.5698	\$0.0688	\$2.5849	\$0.0691	\$ (0.3372)	\$ (0.3221)	\$ 0.0190
11/27	\$2.8379	-\$0.0512	\$2.5010	-\$0.0539	\$2.5158	-\$0.0773	\$ (0.3369)	\$ (0.3221)	\$ 0.0248
11/22	\$2.8891	-\$0.0358	\$2.5549	-\$0.0970	\$2.5931	-\$0.0567	\$ (0.3342)	\$ (0.2960)	\$ 0.0598
11/21	\$2.9249	\$0.0754	\$2.6519	\$0.0608	\$2.6488	\$0.0091	\$ (0.2731)	\$ (0.2762)	\$ 0.0468
11/20	\$2.8495	\$0.0770	\$2.5910	\$0.0674	\$2.6397	-\$0.0583	\$ (0.2585)	\$ (0.2098)	\$ 0.0577
11/17	\$2.7725	\$0.0223	\$2.5236	\$0.0026	\$2.6980	\$0.0223	\$ (0.2489)	\$ (0.0745)	\$ 0.0759
11/16	\$2.7502	-\$0.1185	\$2.5210	-\$0.1305	\$2.6757	-\$0.0708			

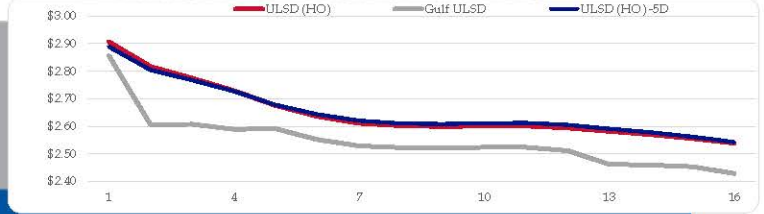
HO Technicals

Indicator	Direction	Resistance
MACD	Neutral	3.5800 2003 High
Stochastics	Bullish	3.5092 Sep High
RSI	Neutral	2.7175 Nov Low
ADX	Bullish	2.3750 July Low
Momentum	Bearish	
Bias:	Neutral	

Diesel History



Diesel Forward Curve



Crude

	WTI	Change	Brent	Change
11/29	\$77.63	\$1.22	\$82.64	\$0.96
11/28	\$76.41	\$1.55	\$81.68	\$1.70
11/27	\$74.86	-\$0.68	\$79.98	-\$0.60
11/24	\$75.54	-\$1.56	\$80.58	-\$1.38
11/22	\$77.10	-\$0.67	\$81.96	-\$0.36
CPL	Line 1	Change	Line 2	Change
space	0.0975	-\$0.0062	\$0.1405	-\$0.0438

Refinery Margins

		Vs WTI			Vs Brent			Group / WCS		
		Gulf Gas	Gulf Diesel	3/2/1	5/3/2	Gulf Gas	Gulf Diesel	3/2/1	5/3/2	3/2/1
11/29		\$8.28	\$31.52	\$16.03	\$17.58	\$3.01	\$26.25	\$10.76	\$12.31	\$ 28.70
11/28		\$8.12	\$30.18	\$15.47	\$16.94	\$3.00	\$25.06	\$10.35	\$11.82	\$ 27.07
11/27		\$9.19	\$31.77	\$16.71	\$18.22	\$4.15	\$26.73	\$11.67	\$13.18	\$ 29.73
11/22		\$7.54	\$34.28	\$16.45	\$18.24	\$2.68	\$29.42	\$11.59	\$13.38	\$ 29.01
11/16		\$5.94	\$31.05	\$14.31	\$15.98	\$1.39	\$26.50	\$9.76	\$11.43	\$ 28.52

Economic Indicators

Commodity Futures

	Settle	Change		Settle	Change
S&P 500 Futures	4,586	23.00	US NatGas	2.794	-0.088
DJIA	35,417	83.51	TTF NatGas	13.78	-0.3
EUR/USD	1.1001	-0.0005	Gold	2,040	3.4
USD Index	102.65	0.04	Silver	24.94	0.0
US 10 YR YIELD	4.34%	-0.05	Copper	414.30	-5.050
US 2 YR YIELD	4.73%	-0.11	FCOJ	1346.50	3.75
Oil Volatility Index	43.90	-0.76	Wheat	543.75	5.00
S&P Volatility Index (VIX)	12.69	0.00	Butane	0.863	0.002
Nikkei 225 Index	33,295	145.00	Propane	0.639	0.001
			Bitcoin	42,935	-60

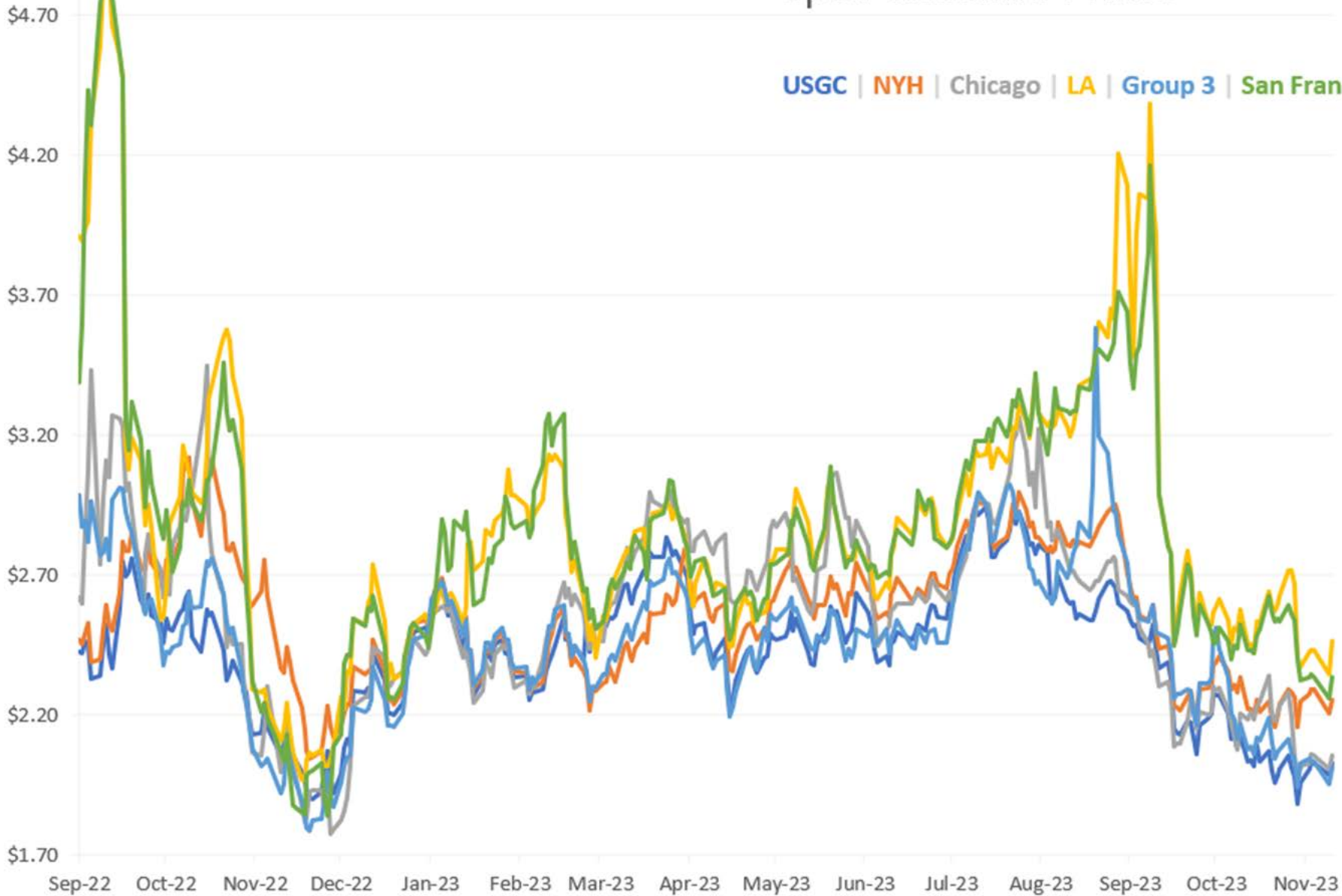
RINs and Price Drivers

Current Year Biodiesel RINs			Current Year Ethanol RINs		
	Settle	Net Change		Settle	Net Change
	0.8358	0.024		0.8348	0.024
Price Drivers			Price Drivers		
	Settle	Net Change		Settle	Net Change
Soybeans	1346.50	3.750	Ethanol	1.76	-0.028
Soybean Oil	53.34	-0.620	Corn	451.50	-1.000
BOHO Spread	1.094		Corn Crush	0.150	
Soy Crush	583.18		RVO Estimate		
			Per Gallon	\$ 0.1050	\$ 0.0020
			Per Barrel	\$ 4.41	\$ 0.08

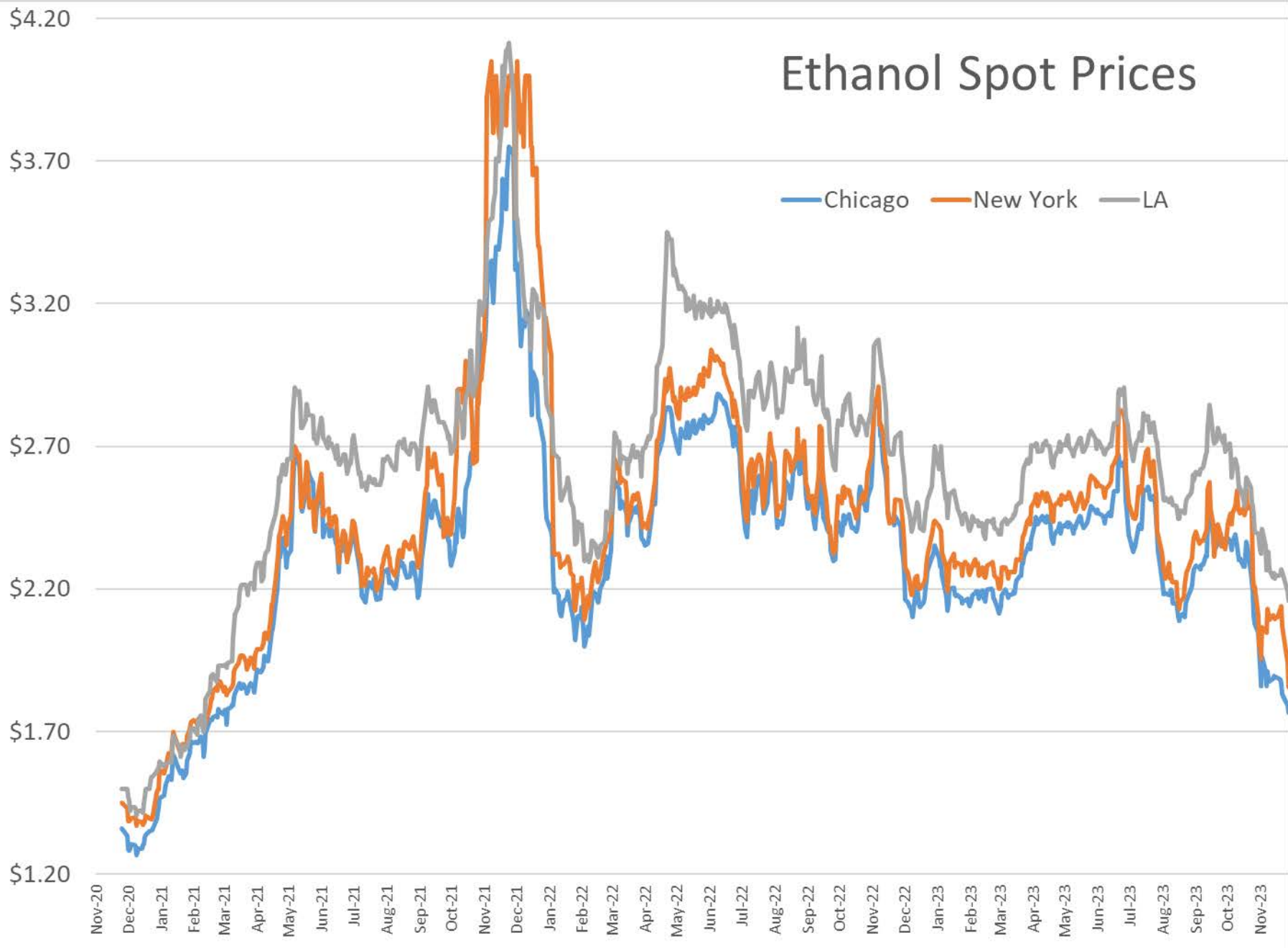
*SOURCES: Nymex, CBOT, NYSE, ICE, NASDAQ, CME Group, CBOE. Prices delayed.

Spot Gasoline Prices

USGC | NYH | Chicago | LA | Group 3 | San Fran



Ethanol Spot Prices



Spot Diesel Pricing

USGC | ULSD Futures | LA CARB #2 | Group 3 | San Fran CARB #2 | NYH Barge #2 | Chicago

