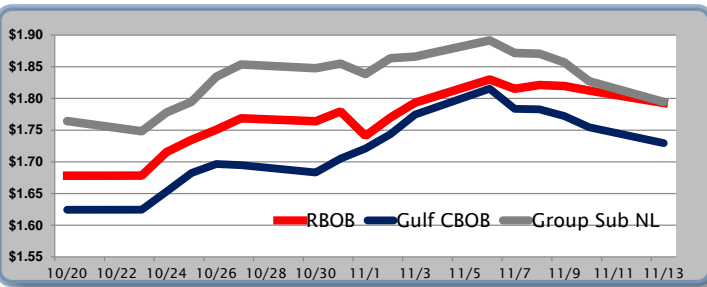


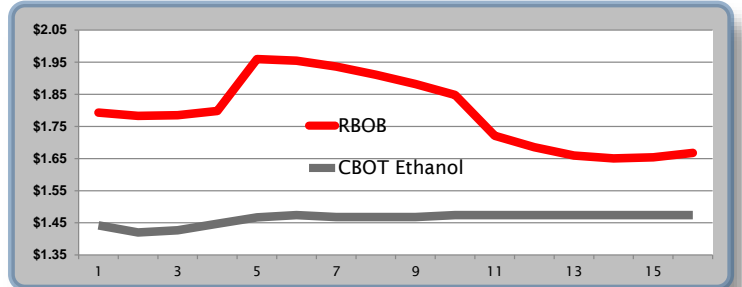
Gasoline

	RBOB	Change	Gulf CBOB	Change	Group Sub NL	Change	Gulf Basis	Group Basis	RBOB Technicals		
11/14	\$1.7730	-\$0.0199	\$1.7098	-\$0.0199	\$1.7735	-\$0.0209	\$ (0.0638)	\$ 0.0002	Indicator	Direction	Resistance
11/13	\$1.7929	-\$0.0195	\$1.7297	-\$0.0250	\$1.7944	-\$0.0328	\$ (0.0633)	\$ 0.0014	MACD	Topping	1.8680 July 2015 High
11/10	\$1.8124	-\$0.0073	\$1.7546	-\$0.0178	\$1.8271	-\$0.0299	\$ (0.0578)	\$ 0.0147	Stochastics	Bearish	1.8390 November High
11/9	\$1.8197	-\$0.0016	\$1.7724	-\$0.0105	\$1.8570	-\$0.0137	\$ (0.0473)	\$ 0.0373	RSI	Neutral	1.7879 14 Day MA
11/8	\$1.8213	\$0.0060	\$1.7829	-\$0.0007	\$1.8707	-\$0.0010	\$ (0.0384)	\$ 0.0494	ADX	Neutral	1.6805 50 Day MA
11/7	\$1.8153	-\$0.0147	\$1.7836	-\$0.0318	\$1.8717	-\$0.0201	\$ (0.0317)	\$ 0.0564	Momentum	Bearish	Support
11/6	\$1.8300	\$0.0366	\$1.8154	\$0.0408	\$1.8917	\$0.0257	\$ (0.0146)	\$ 0.0617	Bias:	Neutral	
11/3	\$1.7934	\$0.0237	\$1.7746	\$0.0311	\$1.8660	\$0.0026	\$ (0.0189)	\$ 0.0726			

Gasoline History



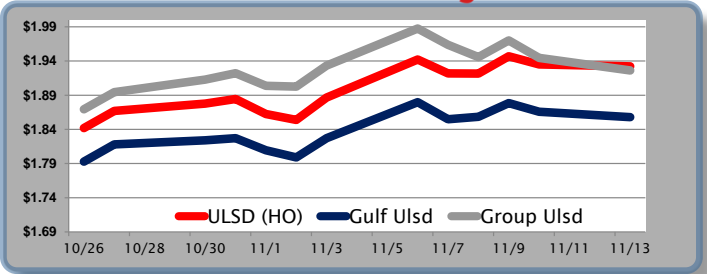
Gasoline Futures Fwd Curve



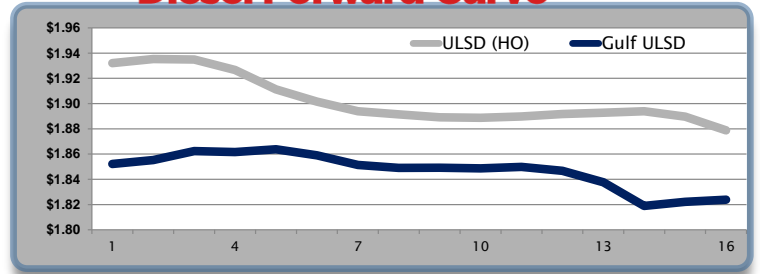
Diesel

	ULSD (HO)	Change	Gulf Ulstd	Change	Group Ulstd	Change	Gulf Basis	Group Basis	HO Technicals		
11/14	\$1.9198	-\$0.0123	\$1.8456	-\$0.0123	\$1.9129	-\$0.0133	\$ (0.0847)	\$ (0.0071)	Indicator	Direction	Resistance
11/13	\$1.9321	-\$0.0028	\$1.8579	-\$0.0177	\$1.9262	-\$0.0185	\$ (0.0842)	\$ (0.0059)	MACD	Neutral	2.0572 2015 High
11/10	\$1.9349	-\$0.0120	\$1.8657	-\$0.0128	\$1.9447	-\$0.0255	\$ (0.0693)	\$ 0.0097	Stochastics	Topping	1.9468 2017 High
11/9	\$1.9469	\$0.0253	\$1.8784	\$0.0201	\$1.9702	\$0.0243	\$ (0.0685)	\$ 0.0233	RSI	Neutral	1.8703 20 Day MA
11/8	\$1.9216	-\$0.0003	\$1.8584	\$0.0035	\$1.9459	-\$0.0178	\$ (0.0633)	\$ 0.0242	ADX	Neutral	1.838 November Low
11/7	\$1.9219	-\$0.0203	\$1.8549	-\$0.0249	\$1.9636	-\$0.0239	\$ (0.0670)	\$ 0.0417	Momentum	Neutral	Support
11/6	\$1.9422	\$0.0556	\$1.8798	\$0.0527	\$1.9875	\$0.0542	\$ (0.0624)	\$ 0.0453	Bias:	Neutral	
11/3	\$1.8866	\$0.0327	\$1.8271	\$0.0282	\$1.9334	\$0.0307					

Diesel History



Diesel Forward Curve



Crude

	WTI	Change	Brent	Change	Vs WTI				Vs Brent				Group / WCS
11/14	\$56.44	-\$0.32	\$62.82	-\$0.34	Gulf Gas	Gulf Diesel	3/2/1	5/3/2	Gulf Gas	Gulf Diesel	3/2/1	5/3/2	3/2/1
11/13	\$56.76	\$0.02	\$63.16	-\$0.36	\$15.89	\$21.27	\$17.68	\$18.04	\$9.49	\$14.87	\$11.28	\$11.64	27.79
11/10	\$56.74	-\$0.43	\$63.52	-\$0.41	\$16.95	\$21.62	\$18.51	\$18.82	\$10.17	\$14.84	\$11.73	\$12.04	28.96
11/9	\$57.17	\$0.36	\$63.93	\$0.44	\$17.27	\$21.72	\$18.75	\$19.05	\$10.51	\$14.96	\$11.99	\$12.29	29.76
11/8	\$56.81	-\$0.39	\$63.49	-\$0.20	\$18.07	\$21.24	\$19.13	\$19.34	\$11.39	\$14.56	\$12.45	\$12.66	29.63
CPL Linespace	Line 1	Change	Line 2	Change									
	0.0110	\$0.0040	\$0.0132	\$0.0010									

Refinery Margins

Diesel Forward Curve

Indicative forward prices for ULSD at Gulf Coast area terminals. Prices are estimates only.

Del. Month	Price	Differential	3 Mo. Avg	6 Mo. Avg
Dec-17	\$1.8553	-\$0.0795		
Jan-18	\$1.8624	-\$0.0720		
Feb-18	\$1.8616	-\$0.0645	\$1.8598	
Mar-18	\$1.8638	-\$0.0470		
Apr-18	\$1.8590	-\$0.0420		
May-18	\$1.8514	-\$0.0420	\$1.8581	\$1.8589
Jun-18	\$1.8490	-\$0.0420		
Jul-18	\$1.8492	-\$0.0395		
Aug-18	\$1.8487	-\$0.0395	\$1.8490	
Sep-18	\$1.8498	-\$0.0395		
Oct-18	\$1.8467	-\$0.0445		
Nov-18	\$1.8377	-\$0.0545	\$1.8447	\$1.8469
12 Month Avg	\$1.8529	-\$0.0505		

Economic Indicators

Commodity Futures

	Settle	Change		Settle	Change
S&P 500	2,582	2.50	Ethanol	1.442	-0.007
DJIA	23,440	17.49	NatGas	3.213	-0.046
Nasdaq	6,316	0.18	Gold	1278.9	-6.1
Russell 2000	1,475	-0.20	Silver	17.02	0.18
EUR/USD	1.1689	0.0089	Copper	3.11	-0.001
USD Index	94.39	-0.43	FCOJ	160.60	-1.10
US 10 Year Treasury	124.63	0.03	Corn	342.25	-0.75
Oil Volatility Index	29.40	0.82	Soy	963.50	1.50
S&P Volatility Index (VIX)	11.29	0.21	Wheat	424.25	-0.25
Nikkei 225 Index	22,375	40.00	Ethanol RINS	0.8710	-0.023
German DAX Index	13,121	-33.50	Butane	1.052	-0.001
			Propane	0.971	0.005

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

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Table 5 - 9: OPEC crude oil production based on secondary sources, tb/d

	<u>2015</u>	<u>2016</u>	<u>1Q17</u>	<u>2Q17</u>	<u>3Q17</u>	<u>Aug 17</u>	<u>Sep 17</u>	<u>Oct 17</u>	<u>Oct/Sep</u>
Algeria	1,108	1,090	1,052	1,054	1,054	1,057	1,050	1,012	-38.4
Angola	1,777	1,725	1,632	1,648	1,641	1,642	1,641	1,711	69.8
Ecuador	543	545	530	530	536	535	534	541	7.1
Equatorial Guinea	185	160	141	137	130	124	130	135	5.4
Gabon	214	221	200	203	198	185	201	203	1.8
Iran, I.R.	2,836	3,515	3,796	3,793	3,833	3,833	3,835	3,823	-11.3
Iraq	3,974	4,392	4,449	4,455	4,484	4,466	4,514	4,383	-131.0
Kuwait	2,764	2,853	2,712	2,709	2,706	2,705	2,712	2,708	-3.7
Libya	404	390	656	709	931	871	920	962	42.3
Nigeria	1,838	1,556	1,512	1,594	1,769	1,802	1,792	1,738	-54.4
Qatar	663	656	608	613	609	608	606	600	-5.9
Saudi Arabia	10,142	10,406	9,884	9,955	9,992	9,969	9,983	10,000	16.9
UAE	2,908	2,979	2,937	2,911	2,920	2,922	2,917	2,911	-6.0
Venezuela	2,319	2,154	2,002	1,964	1,931	1,936	1,907	1,863	-43.6
Total OPEC	31,675	32,643	32,111	32,273	32,734	32,651	32,740	32,589	-150.9

Note: Totals may not add up due to independent rounding.

Source: OPEC Secretariat.

D6 Ethanol RINs

