

APA Corporation

Mark to market: non-cash G&A, dents EPS; but see higher cash flow than street

Reiterate Rating: BUY | PO: 57.00 USD | Price: 37.73 USD

EPS dented by non-cash G&A expense; c/flow higher

On 10/5, APA published several key indicators that dent headline EPS estimates for 3Q23 earnings - mainly on non-cash items. G&A spiked on mark-to-market stock compensation after strong share performance (\$145mm vs \$100mm guide). These onetime expenses were partially offset by realized gains on commodity derivatives related to basis hedging in the Permian (\$19mn) and a net gain on oil & gas purchases and sales (\$17mn) although dented by a spike in Waha pricing due to hot weather in the Permian that overshadowed the first contribution from APAs export agreement with Cheniere, which we estimate at \$30mm - \$40mm between Aug 1 and Sep 30. All-in-all EPS moves lower to \$1.22 from \$1.28; But we see cflow / sh at \$3.17, \$0.30 above consensus, on strong operating performance in the Perm & N Sea. Buybacks were light at 475,000 shares, as the company was in a black out period prior to the Suriname announcement.

Strong Permian and North Sea performance in 3Q23

Highlights of the quarter is strong performance from the Permian & N Sea that helped lift total company & oil production to the top half of a narrow guidance range (337-339 kboed). Note we expect oil production to beat its 159 -161 kbpd guidance range despite Egypt gross oil production below guidance on PSC impacts from higher oil prices (145 vs 148). Looking forward unplanned downtime in the N Sea is expected to lower 4Q23 production by 10% to 15% (or 7 kbd) but is expected back on-line by year end. Looking to 2024 management expects a stable outlook for Egypt and subject to how US gas behaves, a single rig could move back to the Alpine High noting the current contango in the forward curve. For the call watch for incremental color on the recent announcement of a 200 kbd development in Suriname(see note) specifically on a timeline we believe could be mid-2027 post discussions with operator TTE at its recent analyst day.

Reiterate Buy: rate of change intact

We continue to see APA amongst the greatest rate of change in FcF of the US oils – led by LNG exports starting in Aug-23, which we estimate can add >\$300mm of FcF at current strip for 15 years. Along with the 'free option' of its 50% stake in a successful development in Suriname funded 87.5% by TTE. We believe APA is undervalued with the catalysts to outperform many of its US E&P peers over the next year. We slightly update our estimates and reiterate Buy.

Estimates (Dec) (US\$)	2021A	2022A	2023E	2024E	2025E
EPS	3.87	7.77	5.16	7.91	7.76
GAAPEPS	2.58	10.96	5.12	7.91	7.76
EPS Change (YoY)	NM	100.8%	-33.6%	53.3%	-1.9%
Consensus EPS (Bloomberg)			4.86	5.93	5.96
DPS	0.20	0.63	1.00	1.00	1.00
Valuation (Dec)					
P/E	9.7x	4.9x	7.3x	4.8x	4.9x
GAAP P/E	14.6x	3.4x	7.4x	4.8x	4.9x
Dividend Yield	0.5%	1.7%	2.7%	2.7%	2.7%
EV / EBITDA*	4.6x	2.3x	3.1x	2.7x	2.9x
Free Cash Flow Yield*	17.7%	26.2%	11.1%	19.8%	16.6%
* For full definitions of <i>IO</i> method SM measures, see page 5.					

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Equity

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Stock Data

Price

Price Objective 57.00 USD Date Established 27-Sep-2023 Investment Opinion C-1-7 52-Week Range 30.67 USD - 50.58 USD Mrkt Val (mn) / Shares Out 12.149 USD / 322.0 Average Daily Value (mn) 139.89 LISD BofA Ticker / Exchange APA / NAS Bloomberg / Reuters APA LIS / APA OO Net Dbt to Eqty (Dec-2022A) 387 3% ESGMeter™ High

37 73 LISD

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to

N Sea – North Sea

TTE - Total Energy

E&P – Exploration and production

Kbd – thousand of barrels per day

LNG – liquified natural gas

boe - barrel of oil equivalent

iQprofile[™] APA Corporation

(US\$ Millions)	2021A	2022A	2023E	2024E	2025E
Return on Capital Employed	14.5%	37.3%	18.1%	20246	19.2%
Return on Equity	14.5% NM	37.3% NM	197.0%	138.0%	80.7%
Operating Margin	38.4%	65.4%	46.5%	51.7%	48.3%
Free Cash Flow	2,149	3,188	1,353	2,402	2,016
iQmethod [™] – Quality of Earnings*					
(US\$ Millions)	2021A	2022A	2023E	2024E	2025E
Cash Realization Ratio	2.3x	1.9x	2.2x	2.1x	2.2x
Asset Replacement Ratio	1.0x	1.5x	1.4x	1.4x	1.4x
Tax Rate	30.6%	28.8%	44.7%	40.2%	39.8%
Net Debt-to-Equity Ratio	23,139.6%	387.3%	228.4%	139.6%	96.4%
Interest Cover	4.7x	16.1x	13.4x	18.6x	16.7x
Income Statement Data (Dec)					
	20214	20224	2022E	2024E	20251
(US\$ Millions) Sales	2021A 6,498	2022A 9,220	2023E 7,763		2025I
	,		,	8,837	8,458 -4.3%
% Change Gross Profit	55.0% 4.732	41.9% 8,198	-15.8% 5,990	13.8% 6,860	6,430
% Change	4,73 <u>2</u> 88.3%	73.2%	-26.9%	14.5%	-6.3%
50 Change EBITDA	3.827	7,730	5,730	6,553	6.123
% Change	3,827 NM	102.0%	-25.9%	0,555	-6.6%
Net Interest & Other Income	(514)	(379)	(284)		(251)
	, ,	, ,	, ,	(251)	
Net Income (Adjusted) % Change	1,452 NM	2,606 79.5%	1,591 -38.9%	2,241 40.8%	1,998 -10.8%
70 Citalige	14141	1 3.3 /0	30.3 /0		
Free Cash Flow Data (Dec)	KIW	73.3 70	30.3 %		
•	2021A	2022A	2023E	2024E	2025
Free Cash Flow Data (Dec)					
Free Cash Flow Data (Dec) (US\$ Millions)	2021A	2022A	2023E	2024E	1,999
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP)	2021A 967	2022A 3,674	2023E 1,578	2024E 2,239	1,999 1,722
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization	2021A 967 1,360	2022A 3,674 1,233	2023E 1,578 1,538	2024E 2,239 1,662	1,999 1,722 C
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital	2021A 967 1,360 0	2022A 3,674 1,233 0	2023E 1,578 1,538 0	2024E 2,239 1,662 0	1,999 1,722 0 0
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge	2021A 967 1,360 0 (74)	2022A 3,674 1,233 0 305	2023E 1,578 1,538 0 0	2024E 2,239 1,662 0 0	2025F 1,999 1,722 0 0 656 (2,361)
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net	2021A 967 1,360 0 (74) 1,117	2022A 3,674 1,233 0 305 (269)	2023E 1,578 1,538 0 0 375	2024E 2,239 1,662 0 0 693	1,999 1,722 0 0 656
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure	2021A 967 1,360 0 (74) 1,117 (1,221)	2022A 3,674 1,233 0 305 (269) (1,756)	2023E 1,578 1,538 0 0 375 (2,138)	2024E 2,239 1,662 0 0 693 (2,192)	1,999 1,722 0 0 656 (2,361) 2,016
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow	2021A 967 1,360 0 (74) 1,117 (1,221) 2,149	2022A 3,674 1,233 0 305 (269) (1,756) 3,188	2023E 1,578 1,538 0 0 375 (2,138) 1,353	2024E 2,239 1,662 0 693 (2,192) 2,402	1,999 1,722 0 0 656 (2,361) 2,016
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change	2021A 967 1,360 0 (74) 1,117 (1,221) 2,149	2022A 3,674 1,233 0 305 (269) (1,756) 3,188	2023E 1,578 1,538 0 0 375 (2,138) 1,353	2024E 2,239 1,662 0 693 (2,192) 2,402	1,999 1,722 C 656 (2,361) 2,016 - 16.1%
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec)	2021A 967 1,360 0 (74) 1,117 (1,221) 2,149 609.9%	2022A 3,674 1,233 0 305 (269) (1,756) 3,188 48.3%	2023E 1,578 1,538 0 0 375 (2,138) 1,353 -57.5%	2024E 2,239 1,662 0 693 (2,192) 2,402 77.5%	1,999 1,722 0 0 656 (2,361) 2,016 - 16.1%
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) (US\$ Millions)	2021A 967 1,360 0 (74) 1,117 (1,221) 2,149 609.9%	2022A 3,674 1,233 0 305 (269) (1,756) 3,188 48.3%	2023E 1,578 1,538 0 0 375 (2,138) 1,353 -57.5%	2024E 2,239 1,662 0 693 (2,192) 2,402 77.5%	1,999 1,722 0 0 656 (2,361) 2,016 - 16.1%
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents	2021A 967 1,360 0 (74) 1,117 (1,221) 2,149 609.9% 2021A 302	2022A 3,674 1,233 0 305 (269) (1,756) 3,188 48.3% 2022A 245	2023E 1,578 1,538 0 0 375 (2,138) 1,353 -57.5% 2023E 142	2024E 2,239 1,662 0 693 (2,192) 2,402 77.5% 2024E 789	1,999 1,722 0 0 656 (2,361) 2,016 - 16.1% 20258 1,260 1,450
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables	2021A 967 1,360 0 (74) 1,117 (1,221) 2,149 609.9% 2021A 302 1,450 628	2022A 3,674 1,233 0 305 (269) (1,756) 3,188 48.3% 2022A 245 1,450	2023E 1,578 1,538 0 0 375 (2,138) 1,353 -57.5% 2023E 142 1,450	2024E 2,239 1,662 0 693 (2,192) 2,402 77.5% 2024E 789 1,450	1,999 1,722 0 656 (2,361) 2,016 - 16.1% 2025 1,260 1,450 628
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets	2021A 967 1,360 0 (74) 1,117 (1,221) 2,149 609.9% 2021A 302 1,450	2022A 3,674 1,233 0 305 (269) (1,756) 3,188 48.3% 2022A 245 1,450 628 6,950 3,874	2023E 1,578 1,538 0 0 375 (2,138) 1,353 -57.5% 2023E 142 1,450 628	2024E 2,239 1,662 0 693 (2,192) 2,402 77.5% 2024E 789 1,450 628	1,999 1,722 0 656 (2,361) 2,016 - 16.1% 2025 1,260 1,450 628 7,916
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment	2021A 967 1,360 0 (74) 1,117 (1,221) 2,149 609.9% 2021A 302 1,450 628 7,049	2022A 3,674 1,233 0 305 (269) (1,756) 3,188 48.3% 2022A 245 1,450 628 6,950	2023E 1,578 1,538 0 0 375 (2,138) 1,353 -57.5% 2023E 142 1,450 628 7,201	2024E 2,239 1,662 0 693 (2,192) 2,402 77.5% 2024E 789 1,450 628 7,505	1,999 1,722 0 656 (2,361) 2,016 - 16.1% 2025 1,260 1,450 628 7,916 3,874
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets	2021A 967 1,360 0 (74) 1,117 (1,221) 2,149 609.9% 2021A 302 1,450 628 7,049 3,874	2022A 3,674 1,233 0 305 (269) (1,756) 3,188 48.3% 2022A 245 1,450 628 6,950 3,874	2023E 1,578 1,538 0 0 375 (2,138) 1,353 -57.5% 2023E 142 1,450 628 7,201 3,874	2024E 2,239 1,662 0 693 (2,192) 2,402 77.5% 2024E 789 1,450 628 7,505 3,874	1,999 1,722 0 0 656 (2,361) 2,016 -16.1% 2025 1,260 1,450 628 7,916 3,874 15,128
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets	2021A 967 1,360 0 (74) 1,117 (1,221) 2,149 609.9% 2021A 302 1,450 628 7,049 3,874 13,303	2022A 3,674 1,233 0 305 (269) (1,756) 3,188 48.3% 2022A 245 1,450 628 6,950 3,874 13,147	2023E 1,578 1,538 0 0 375 (2,138) 1,353 -57.5% 2023E 142 1,450 628 7,201 3,874 13,295	2024E 2,239 1,662 0 693 (2,192) 2,402 77.5% 2024E 789 1,450 628 7,505 3,874 14,246	1,999 1,722 0 0 656 (2,361) 2,016 -16.1% 2025 1,260 1,450 628 7,916 3,874 15,128
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt	2021A 967 1,360 0 (74) 1,117 (1,221) 2,149 609.9% 2021A 302 1,450 628 7,049 3,874 13,303 215	2022A 3,674 1,233 0 305 (269) (1,756) 3,188 48.3% 2022A 245 1,450 628 6,950 3,874 13,147 2	2023E 1,578 1,538 0 0 375 (2,138) 1,353 -57.5% 2023E 142 1,450 628 7,201 3,874 13,295 2	2024E 2,239 1,662 0 693 (2,192) 2,402 77.5% 2024E 789 1,450 628 7,505 3,874 14,246 2	1,999 1,722 0 0 656 (2,361) 2,016 -16.1% 2025 1,260 1,450 628 7,916 3,874 15,128
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities	2021A 967 1,360 0 (74) 1,117 (1,221) 2,149 609.9% 2021A 302 1,450 628 7,049 3,874 13,303 215 1,558	2022A 3,674 1,233 0 305 (269) (1,756) 3,188 48.3% 2022A 245 1,450 628 6,950 3,874 13,147 2 1,558	2023E 1,578 1,538 0 0 375 (2,138) 1,353 -57.5% 2023E 142 1,450 628 7,201 3,874 13,295 2 1,558	2024E 2,239 1,662 0 0 693 (2,192) 2,402 77.5% 2024E 789 1,450 628 7,505 3,874 14,246 2 1,558	1,999 1,722 0 0 656 (2,361) 2,016 -16.1% 2025 1,260 1,450 628 7,916 3,874 15,128 2 1,558 5,219
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities Long-Term Debt	2021A 967 1,360 0 (74) 1,117 (1,221) 2,149 609.9% 2021A 302 1,450 628 7,049 3,874 13,303 215 1,558 7,295	2022A 3,674 1,233 0 305 (269) (1,756) 3,188 48.3% 2022A 245 1,450 628 6,950 3,874 13,147 2 1,558 5,451	2023E 1,578 1,538 0 0 375 (2,138) 1,353 -57.5% 2023E 142 1,450 628 7,201 3,874 13,295 2 1,558 5,219	2024E 2,239 1,662 0 0 693 (2,192) 2,402 77.5% 2024E 789 1,450 628 7,505 3,874 14,246 2 1,558 5,219	1,999 1,722 0 0 656 (2,361) 2,016 -16.1% 20258 1,260 1,450 628 7,916 3,874 15,128 2 1,558 5,219 4,240
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Short-Term Debt Other Current Liabilities Long-Term Debt Other Non-Current Liabilities	2021A 967 1,360 0 (74) 1,117 (1,221) 2,149 609.9% 2021A 302 1,450 628 7,049 3,874 13,303 215 1,558 7,295 4,204	2022A 3,674 1,233 0 305 (269) (1,756) 3,188 48.3% 2022A 245 1,450 628 6,950 3,874 13,147 2 1,558 5,451 4,791	2023E 1,578 1,538 0 0 375 (2,138) 1,353 -57.5% 2023E 142 1,450 628 7,201 3,874 13,295 2 1,558 5,219 4,291	2024E 2,239 1,662 0 0 693 (2,192) 2,402 77.5% 2024E 789 1,450 628 7,505 3,874 14,246 2 1,558 5,219 4,291	1,999 1,722 0 0 656 (2,361)

Company Sector

Oil & Gas Producers

Company Description

APA is one of the largest US E&P companies with 2.3 BBOE of proven reserves (63% liquids). It is an acquirer/exploiter/explorer, fiscally conservative company that has grown its reserves and production consistently via acquisitions and organic projects. Operations are focused in the US, Egypt, and the North Sea, and exploration in Suriname.

Investment Rationale

In addition to commodity price leverage, Apache has two organic catalysts that we believe can narrow the valuation gap: improved contract terms in Egypt that can reinvigorate activity and exploration success in Suriname, where success to date appears to be a free option.

Stock Data

Average Daily Volume 3,707,567

Quarterly Earnings Estimates

	2022	2023
Q1	1.93A	1.19A
Q2	2.37A	0.85A
Q3	1.97A	1.22E
04	1.48A	1.91E



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Post supplement estimate changes

APA Corporation published supplemental information for 3Q23. EPS moves down to \$1.22 from \$1.28 mostly due G&A increasing to \$145mn versus guidance of \$100mn on accruals associated with the increase in APA stock price during the quarter.

However, these were partially offset due realized gain on commodity derivatives (\$19mn) and a net gain on oil and gas purchases and sales (\$17mn). Incorporating guidance our EPS estimates change as follows.

Exhibit 1: APA Earnings Estimates

Updated for 3Q23 supplement

	Q1	Q2	Q3	Q4	FY	BBG Consensus
2022A	1.93	2.37	1.97	1.48	7.77	8.13
2023E	1.19	0.85	1.22	1.91	5.16	4.86
Previous	1.19	0.85	1.28	1.88	5.18	n/a
2024E	2.07	2.03	1.86	1.94	7.91	5.93
Previous	2.05	2.01	1.84	1.91	7.82	n/a
2025E	1.95	1.85	1.92	2.04	7.76	5.96
Previous	1.92	1.82	1.89	2.00	7.62	n/a

Source: BofA Global Research estimates, Bloomberg

BofA GLOBAL RESEARCH



Price objective basis & risk

APA Corporation (APA)

Our \$57 PO assumes ex growth discounted cash flow value, which assumes \$80 Brent and \$75 West Texas Intermediate (WTI) long term. We also assume long-term Henry Hub natural gas as \$4.25. We apply a long-term (post-tax) weighted average cost of capital (WACC) of 9.7%, which is based on the BofA strategy team's assumed risk premium and a five-year monthly beta.

Upside risks to achieving our price objective are 1) higher commodity prices, 2) exploration success in Suriname, 3) exploration success and increased drilling activity in Egypt. Downside risks to achieving our price objective are (1) lower commodity prices, (2) Egyptian political risk, (3) exploration risk in Suriname.

Analyst Certification

I, Doug Leggate, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

US - Large Cap Oils Coverage Cluster

Investment rating	Company	Bof A Ticker	Bloomberg symbol	Analyst
BUY				
	APA Corporation	APA	APA US	Doug Leggate
	California Resources Corporation	CRC	CRC US	Kalei Akamine
	Canadian Natural Resources	YCNO	CNQ CN	Doug Leggate
	Canadian Natural Resources	CNQ	CNQ US	Doug Leggate
	Chesapeake Energy	CHK	CHK US	Doug Leggate
	Chord Energy Corporation	CHRD	CHRD US	John H. Abbott
	ConocoPhillips	COP	COPUS	Doug Leggate
	EOG Resources	EOG	EOG US	Doug Leggate
	EQT Corporation	EQT	EQT US	John H. Abbott
	ExxonMobil Corp.	XOM	XOM US	Doug Leggate
	Gulfport Energy Corporation	GPOR	GPOR US	Doug Leggate
	Hess Corp.	HES	HES US	Doug Leggate
	Imperial Oil	IMO	IMO US	Doug Leggate
	Imperial Oil	YIMO	IMO CN	Doug Leggate
	Northern Oil and Gas	NOG	NOG US	John H. Abbott
	Occidental Petroleum Corp.	OXY	OXY US	Doug Leggate
	Ovintiv Inc	YOW	OW CN	Doug Leggate
	Ovintiv Inc	OW	OW US	Doug Leggate
	Range Resources Corp	RRC	RRC US	Doug Leggate
	Southwestern Energy Corp.	SWN	SWN US	Doug Leggate
	Suncor	YSU	SUCN	Doug Leggate
	Suncor	SU	SUUS	Doug Leggate
NEUTRAL				
NEUIKAL	Classica Carra	CVX	CVX US	David a seets
	Chevron Corp.			Doug Leggate
	Coterra Energy Inc	CTRA	CTRA US	Doug Leggate
	Delek US Holdings, Inc.	DK	DK US	Doug Leggate
	Devon Energy Corp.	DVN	DVN US	Doug Leggate
	HF Sinclair Corporation	DINO	DINO US	Doug Leggate
	Marathon Petroleum Company	MPC	MPC US	Doug Leggate
	PBF Energy	PBF	PBF US	Doug Leggate
	Phillips 66	PSX	PSX US	Doug Leggate
	Valero Energy Corp.	VLO	VLO US	Doug Leggate
UNDERPERFORM				
	CNX Resources	CNX	CNX US	John H. Abbott
	Crescent Energy Company	CRGY	CRGY US	John H. Abbott
	Diamondback Energy Inc.	FANG	FANG US	Doug Leggate
	Marathon Oil Corp.	MRO	MRO US	Doug Leggate
	'			5 55

US - Large Cap Oils Coverage Cluster

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
	National Fuel Gas Company	NFG	NFG US	John H. Abbott
	Pioneer Natural Resources	PXD	PXD US	Doug Leggate

Qmethod [™] Measures Definitions

Business Performance	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) × (1 - Tax Rate) + Goodwill Amortization	Total Assets - Current Liabilities + ST Debt + Accumulated Goodwill
		Amortization
Return On Equity	Net Income	Shareholders' Equity
Operating Margin	Operating Profit	Sales
Earnings Growth	Expected 5 Year CAGR From Latest Actual	N/A
Free Cash Flow	Cash Flow From Operations – Total Capex	N/A
Quality of Earnings	Numerator	Denominator
Cash Realization Ratio	Cash Flow From Operations	Net Income
Asset Replacement Ratio	Capex	Depreciation
Tax Rate	Tax Charge	Pre-Tax Income
Net Debt-To-Equity Ratio	Net Debt = Total Debt - Cash & Equivalents	Total Equity
Interest Cover	EBIT	Interest Expense
Valuation Toolkit	Numerator	Denominator
Price / Earnings Ratio	Current Share Price	Diluted Earnings Per Share (Basis As Specified)
Price / Book Value	Current Share Price	Shareholders' Equity / Current Basic Shares
Dividend Yield	Annualised Declared Cash Dividend	Current Share Price
Free Cash Flow Yield	Cash Flow From Operations – Total Capex	Market Cap = Current Share Price × Current Basic Shares
Enterprise Value / Sales	EV = Current Share Price × Current Shares + Minority Equity + Net Debt +	Sales
	Other LT Liabilities	
EV / EBITDA	Enterprise Value	Basic EBIT + Depreciation + Amortization

Monethod Swis the set of BofA Global Research standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

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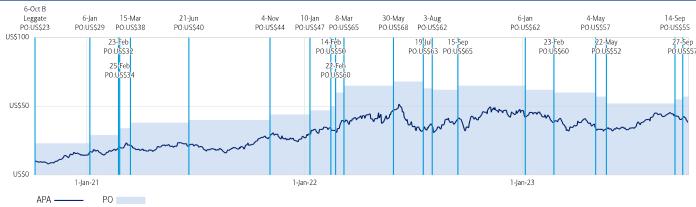
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The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

Equity Investment Rating Distribution: Energy Group (as of 30 Sep 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	78	58.21%	Buy	59	75.64%
Hold	33	24.63%	Hold	25	75.76%
Sell	23	17.16%	Sell	14	60.87%

Equity Investment Rating Distribution: Global Group (as of 30 Sep 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1869	53.48%	Buy	1046	55.97%
Hold	828	23.69%	Hold	461	55.68%
Sell	798	22.83%	Sell	370	46.37%

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Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster^{R2}

Buy	≥ 10%	≤ 70%
Neutral	≥ 0%	≤ 30%
Underperform	N/A	≥ 20%

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