



RESEARCH UPDATE

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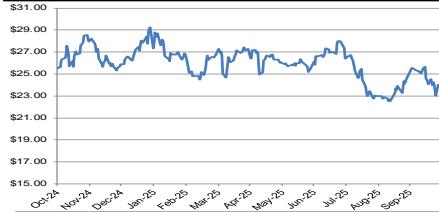
MARKET STATISTICS

Price	\$24.00
52-Week Range	\$22.20 - \$30.56
Daily Vol. (3 Month Avg.)	369,593
Market Cap (\$M)	\$3,082.3
Enterprise Value (\$M)	\$3,478.0
Shares Outstanding (M)	128.4
Float (M)	90.1

FINANCIAL SUMMARY

Equity (M)	\$1,831.1
BV/S	\$ 14.26
Cash (M)	\$ 94.5
Debt (M)	\$ 471.5
Debt/Cap	20.6%

FYE: Dec	2024	2025E	2026E
<i>(in \$M)</i>			
Rev	\$2,448.7	\$2,215.8	\$2,269.7
Chng%	-5%	-10%	2%
EBITDA	\$ 690.2	\$ 683.5	\$ 716.1
EPS	\$ 2.76	\$ 2.49	\$ 2.61
EV/R	1.4x	1.6x	1.5x
EV/EBITDA	5.0x	5.1x	4.9x
P/E	8.7x	9.6x	9.2x



COMPANY DESCRIPTION

Alliance Resource Partners, L.P., a diversified natural resource partnership, produces and markets coal primarily to utilities and industrial users in the United States. The partnership operates through four segments: Illinois Basin Coal Operations, Appalachia Coal Operations, Oil & Gas Royalties, and Coal Royalties. The partnership was founded in 1971 and is headquartered in Tulsa, Oklahoma.

Alliance Resource Partners, L.P. (NASDAQ: ARLP)

Company Updates

ARLP delivered a solid 3Q25, with higher coal volumes and improved unit costs offsetting lower y/y realized pricing. Total revenues for the quarter decreased by 6.9% year-over-year to \$571.4M, as a 8.5% increase in coal production and 3.9% increase in coal sales volumes were more than offset by lower coal price realizations and reduced transportation revenues. Net income for the quarter rose to \$95.1M compared to \$86.9M in 3Q24, primarily aided by lower operating costs and higher investment income. Adj. EBITDA came in at \$185.8M, representing a 14.8% sequential increase. ARLP tightened FY25 guidance, projecting 4Q25 results comparable to 3Q25, supported by improving operational execution.

Quarterly Results – ARLP reported revenue, adj EBITDA, and adj EPS of \$547.5M, \$161.9M, and \$0.46, respectively. This compares to our/consensus estimates of \$549.6M/\$599.1M, \$173.7M/\$182.6M, and \$0.65/\$0.72, respectively. Average realized coal price modestly increased sequentially but was down y/y, primarily as higher-priced legacy contracts signed during the 2022 energy crunch rolled off in 2024; lower transportation revenues also weighed on the y/y comparison. Outside coal purchases were significantly lower y/y, down 44.9% to \$4.5M. OPM was 15.6% in the quarter.

Coal Operations – ARLP reported coal sales revenue of \$511.6M. Coal sales volumes totaled 8.70 million tons, up 3.9% y/y, while pricing decreased by 7.5% to \$58.78 per ton. In the Illinois Basin, sales volumes rose 10.8% y/y to 6.61 million tons, driven by increased production, fewer longwall-move days at Hamilton, and improved recoveries at River View and Hamilton. In Appalachia volumes fell 13.3% y/y to 2.09 million tons as Tunnel Ridge transitioned to a new longwall district with better geology. Pricing was mixed in both regions: reflected by a 9.9% decline in the Illinois Basin to \$51.03, while Appalachia rose 3.1% to \$83.28, on a stronger sales mix. Total Segment Adjusted EBITDA from coal operations came in at \$157.5M, up 5.5% y/y, though up ~11.0% sequentially (supported by lower unit costs). We expect further operational improvement in Appalachia, particularly at Tunnel Ridge.

Royalty Business – Total royalty revenues for the quarter totaled \$57.4M. O&G royalties totaled \$32.1M, with BOE volumes sold increasing 4.1% y/y to 0.899 million BOE, although the average sales price per BOE declined by 10.5% to \$35.68. Coal royalty tons sold increased by 38.1% to 7.06 million tons, with average revenue per royalty ton increasing by 7.4% to \$3.50.

Strong Liquidity and Cash Flow Position – ARLP ended 3Q25 with solid liquidity, holding \$541.8 in total liquidity, including \$94.5M in cash and \$447.3M available under its credit facilities. Free cash flow for the quarter was \$151.4M. The Partnership returns a quarterly cash distribution of \$0.60 per unit, or \$2.40 per unit on an annualized basis. ARLP also held 568 BTC valued at \$64.8M at quarter-end. Overall, cost initiatives and a growing order book position the Partnership well for the remainder FY25.

Valuation – We are using an EV/EBITDA framework to inform our ARLP valuation. We are using our F26 expected EBITDA, and an EV/EBITDA range of 6.0x to 6.5x with a midpoint of 6.25x. This arrives at a valuation range of \$30.52 to \$33.31 with a mid-point of \$31.91.

INVESTMENT FACTORS

Alliance Resource Partners, L.P. is a diversified natural resource partnership operating as an MLP. The Partnership is the second largest coal producer in the Eastern U.S. and has an oil and gas minerals platform where it owns mineral and royalty interests. Its coal operations span seven underground mines located in the Illinois Basin and the Appalachia Basin where it produces a range of thermal and metallurgical coal with varying sulfur and heat contents. It markets its coal primarily to utilities and industrial users in the U.S. The Partnership's O&G minerals platform operates primarily in the Permian, Anadarko, and Williston Basins.

The Partnership is engaged in a transformation to be an energy partnership for today and the future. This reflects the fact that fossil fuels, such as coal, remain an important part of electricity generation today and in the near-term with the Partnership investing in additional growth opportunities for potential long-term cash flow. By redeploying its strong cash flows and leveraging its decades of operational experience, Alliance is positioning itself to create long-term value for its unitholders.

Investment Positives

Diversified energy partnership with deep operational experience is undergoing a transformation

Alliance owns and operates coal mining assets along with a portfolio of oil and gas mineral interests located in strategic producing regions in the US. The Partnership has been in existence since the early 70's and its management team has nearly three decades of operational expertise in the natural resources industry. With a focus on maximizing shareholder value, the Partnership is looking to maximize current assets while also expanding its operations to strategically pursue growth investments in an effort to increase long-term cash flows.

Proven track record bodes well for transformation

Alliance is going to leverage its existing operational capabilities and redeploy its solid cash flows into its next generation energy platforms. The Partnership first accomplished this "shift" in 2014, when it started engaging in its oil and gas minerals platform as a passive investor. As time progressed and management concluded it had the requisite expertise, it acquired these assets and became directly responsible for managing and expanding these assets.

Strong history of generating cash flow to support strategic objectives

Over the past 16 years, the Partnership has generated positive FCF in each year. FY24 FCF was \$383.5M, and \$415.2M in FY23. This favorable cash flow profile, coupled with the Partnership's focus on maintaining a conservative balance sheet, should help drive its growth initiatives within its oil and natural gas royalty business, along with its additional diversification efforts. The Partnership intends to return 30% of its annual FCF before growth investments in the form of cash distributions and in FY24 maintained its quarterly cash distribution for unitholders to \$0.70 per unit or an annualized \$2.80 per unit.

Coal remains an important fossil fuel

The demand for coal should continue as it remains an important component in electricity generation today and in the near term. According to the EIA, coal accounted for ~16.0% of the U.S.' electricity generation in 2024. On a global scale, according to the World Coal Association, electricity production from coal represents ~37% of total electricity production with the IEA projecting coal should still generate ~ 22% of the world's electricity in 2040. Alliance should stand to benefit as it is the second largest coal producer in the Eastern U.S.

Investment Challenges / Risks

Changes in global economic conditions

Weakness in global economic conditions or economic conditions in customer's industries could adversely affect the Partnership's operating results and financial condition.

Volatility in raw material prices

Coal and oil and gas prices are volatile and based on numerous demand/supply, economic and geopolitical reasons, which are beyond the Partnership's control. Additionally, the Partnership may face an unexpected rise in raw material costs and transportation charges or supply chain disruptions, adversely impacting its margins and profitability.

Loss of key customers

In 2024, the Partnership's most significant customers included American Electric Power, Louisville Gas and Electric Company and Tennessee Valley Authority. Each of these companies accounted for more than 10% of revenue. Furthermore, the Partnership undertakes indirect sales through exports to international clients in Europe, Africa, and Asia in brokered transactions. These sales constituted approximately 17.3%, 15.7%, and 12.5% of tons sold on December 31, 2024, 2023, and 2021. If the Partnership loses any of its key customers, it will likely have an adverse impact on its operations and financial condition.

Access to capital

Alliance Resources business is capital intensive and has outlined a growth strategy that requires funding sources. While the Partnership intends to fund its operations and growth initiatives via existing cash balances, future cash flows, and its current debt facilities, there are periods of weakness in the energy sector. Weakness in the industry may negatively impact the Partnership's ability to meet financial covenants, refinance existing debt obligation, obtain additional financing, and/or financing on acceptable terms, which may negatively impact growth initiatives and the Partnership's financial condition.

Inability to carry out cash distribution

Cash distribution to unitholders is dependent on the cash generated from the Partnership's operations, an amount that fluctuates based on numerous factors such as coal and oil & gas production, demand and supply of coal, price of coal, operating costs, capital expenditure, debt obligations, and broader economic conditions among others.

MLP tax treatment

MLP's tax treatment depends on its status as a partnership for US Federal income taxes. As such, ARLP is not subject to a material amount of entity-level taxation. If the IRS were to change its tax position of MLPs and tax them as a corporation, operating results may be negatively impacted. Additionally, the market price of the equity may be negatively impacted by the change in tax laws.

VALUATION SUMMARY

We are using a comparative analysis to frame valuation. We are using coal producers for our comps.

Comparative Analysis

Alliance Resource Partners, L.P. (NASDAQ: ARLP)
(all figures in \$M except per share information)

Name	Ticker	Price (1)	Sh	Mrkt Cap	EV	EV/S (2)		EV/EBITDA (2)			P/E (2)		P/TBV MRQ			
						TTM	2025 E	2026 E	TTM	2025 E	2026 E	TTM	2025 E	2026 E		
Alpha Metallurgical Resources, Inc.	AMR	\$ 164.46	13.1	\$ 2,146.8	\$ 1,703.6	0.7x	0.8x	0.6x	9.8x	12.7x	4.1x	nm	nm	7.5x	1.4x	
Peabody Energy Corporation	BTU	\$ 28.35	121.6	\$ 3,447.4	\$ 3,304.4	0.8x	0.9x	0.7x	5.9x	8.0x	4.2x	25.7x	nm	11.0x	1.0x	
Archer Limited	ARCH	\$ 2.31	90.5	\$ 209.4	\$ 714.8	0.6x	0.1x	0.1x	5.1x	0.5x	0.4x	nm	nm	0.5x	NM	
Warrior Met Coal, Inc.	HCC	\$ 64.43	52.6	\$ 3,387.0	\$ 3,191.7	2.6x	2.6x	1.8x	16.3x	17.2x	6.0x	83.7x	nm	12.4x	1.6x	
Natural Resource Partners L.P.	NRP	\$ 103.43	13.1	\$ 1,358.9	\$ 1,443.8	6.6x	N/A	N/A	8.7x	N/A	N/A	9.7x	N/A	N/A	2.4x	
						Average	2.3x	1.1x	0.8x	9.1x	9.6x	3.7x	39.7x	#DIV/0!	7.8x	1.6x
						Median	0.8x	0.8x	0.7x	8.7x	10.4x	4.1x	25.7x	#NUM!	9.2x	1.5x
Alliance Resource Partners, L.P. ARLP		\$24.00	128.4	\$ 3,082.3	\$ 3,478.0	1.5x	1.6x	1.5x	5.5x	5.2x	4.9x	12.9x	9.6x	9.2x	1.6x	

(1) Previous day's closing price

(2) Estimates are from Capital IQ except those for ARLP, which are Stonegate estimates

Source: Company Reports; CapitalIQ; Stonegate Capital Markets

Based on our FY26 estimates, ARLP is trading at a 4.9x EV/EBITDA multiple compared to average comps at 3.7x.

We are using an EV/EBITDA range of 6.0x to 6.5x with a midpoint of 6.25x. We believe this range is reasonable given current comp multiples, historical forward valuation multiples, and recent premiums to current comps.

Ratios & Historical Trading Multiples

Alliance Resource Partners, L.P. (NASDAQ: ARLP)

Name	Ticker	D/C (%)	D/E (%)	Debt / EBITDA	EBITDA Margin 7yr Avg (%)	5YR Frwd AVG Multiples			7YR Frwd AVG Multiples			10YR Frwd AVG Multiples			
						EV/S	EV/EBITDA	P/E	EV/S	EV/EBITDA	P/E	EV/S	EV/EBITDA	P/E	
Alpha Metallurgical Resources, Inc.	AMR	0.4	0.4	0.0x	20.6	0.7x	3.6x	7.0x	0.7x	3.3x	7.1x	0.6x	3.2x	7.0x	
Peabody Energy Corporation	BTU	9.7	10.7	0.6x	20.8	0.6x	2.8x	9.9x	0.6x	2.9x	11.1x	0.7x	3.3x	10.7x	
Archer Limited	ARCH	70.8	242.5	2.7x	12.1	0.5x	5.2x	11.4x	0.6x	5.8x	15.8x	0.7x	7.1x	19.6x	
Warrior Met Coal, Inc.	HCC	10.2	11.3	1.2x	36.5	1.4x	4.6x	11.4x	1.3x	4.4x	10.0x	1.3x	4.3x	9.2x	
Natural Resource Partners L.P.	NRP	15.1	17.7	0.6x	77.4	3.9x	5.3x	NM	4.0x	5.4x	6.4x	3.8x	6.1x	5.5x	
		Average	26.9	84.5	1.1x	17.8	0.6x	3.8x	9.4x	0.6x	4.0x	11.3x	0.7x	4.5x	12.4x
		Median	9.7	10.7	0.6x	20.6	0.6x	3.6x	9.9x	0.6x	3.3x	11.1x	0.7x	3.3x	10.7x
Alliance Resource Partners, L.P. ARLP		27.1	37.1	0.7x	31.9	1.2x	3.6x	6.4x	1.2x	3.7x	7.8x	1.2x	3.8x	8.1x	

Source: Capital IQ

Applying our FY26 expected EBITDA to the EV/EBITDA range of 6.0x to 6.5x with a midpoint of 6.25x, we arrive at a valuation range of \$30.52 to \$33.31 with a mid-point of \$31.91.

We see the following essential catalysts for the stock in 2026 and beyond:

- Strengthening margins F26+
- Strong profitability and free cash flows F26+
- Increased global demand..... F26+

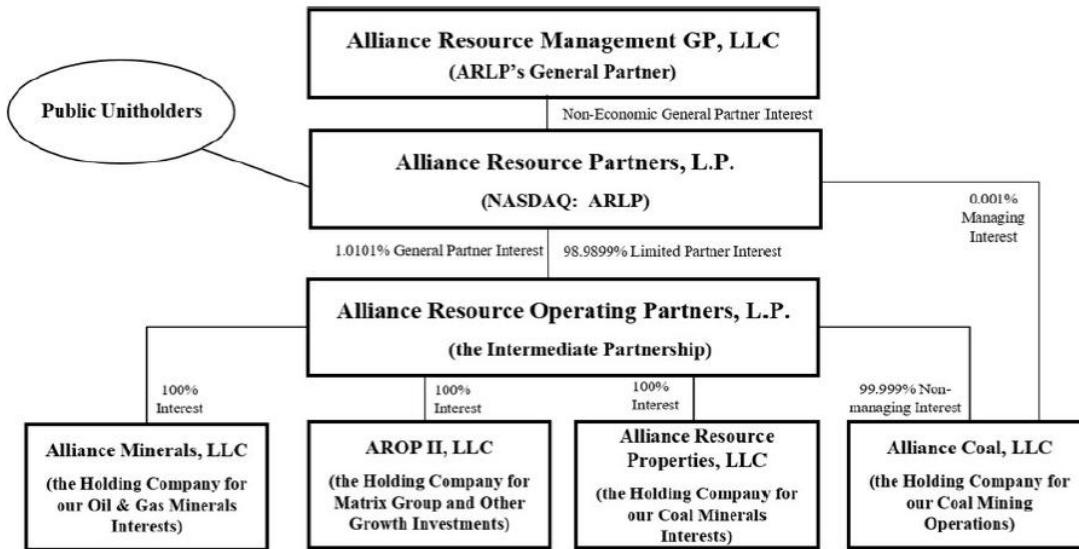
PARTNERSHIP OVERVIEW

Partnership Background

Alliance Resource Partners, L.P. is a diversified natural resource partnership that began operations in 1971 and is a publicly traded MLP on the NASDAQ under the ticker symbol ARLP. The Partnership is the second largest coal producer in the Eastern U.S. and owns an oil and gas minerals platform where it owns mineral and royalty interests in approximately 1.5 million gross acres. Its coal operations include seven underground mines that are in the Illinois Basin and the Appalachia Basin where it produces a range of thermal and metallurgical coal with varying sulfur and heat contents. It markets its coal primarily to utilities and industrial users in the U.S.

The Partnership's oil and gas minerals platform has invested over \$500 million and over 70,000 net royalty acres. These operations are primarily in the Permian, Anadarko, and Williston Basins. ARLP markets its mineral interests for lease to operators in those regions and generates royalty income from the leasing and development of those mineral interests.

Exhibit 1: Alliance Resource Partners, L.P. Organization and Ownership Structure



Source: Company Reports

Additionally, ARLP has identified several strategic growth investments, including Matrix Group, its technology subsidiary focused on developing and marketing industrial, mining, and technology solutions globally, and Bitiki, which mines bitcoin to capitalize on surplus electricity capacity. The Partnership has also invested in targeted energy and infrastructure opportunities, such as Ascend, Francis, Infinitum, and NGP ET IV.

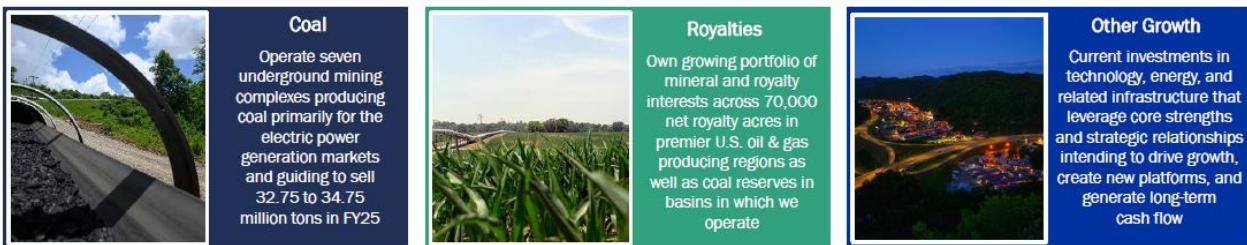
The Partnership continues to strategically evolve into a diversified energy partnership to meet current and future demands. While renewable energy represents an important long-term accretive opportunity, fossil fuels, particularly coal, remain essential to electricity generation in the short to medium term.

Strategy and Growth Objectives

ARLP generates strong cash flows through its operations, which will help drive its growth initiatives within its oil and natural gas royalty business, along with its additional diversification efforts.

Exhibit 2: Building an Energy Partnership for Today and The Future

Alliance Business Overview



Source: Company Reports

ARLP is going to leverage its existing operational capabilities and redeploy its solid cash flows into its next generation energy platforms. The Partnership first accomplished this "shift" in 2014, when it started engaging in its oil and gas minerals platform as a passive investor. As time progressed and management concluded it had the requisite expertise, it acquired these assets and became directly responsible for managing and expanding these assets.

ARLP is actively evaluating actionable strategic investments across a range of new energy sectors. Opportunities involve exploring the purchase of interest in coal fired power plants, strategic minerals and metals, alternate energy sources like wind, solar, and battery and charging infrastructure for electric vehicles to name a few. The Partnership's strategy will seek to identify and execute opportunistic investments where the Partnership's expertise is most relevant given its (1) extensive track record of investments success and financial discipline, (2) decades of operational experience scaling capital-intensive energy businesses, (3) understanding of and relationships across the energy value chain, and (4) experience with energy and environmental governing bodies and regulators. Exhibit 4 illustrates some of the new energy themes ARLP is evaluating. It is notable that any additional growth opportunities in the clean energy sector are expected to be accretive and diversifying.

Exhibit 3: Capital Allocation at a Glance



Source: Company Reports

Exhibit 4: Examples of the New Energy Platform Investment Opportunities



Matrix Design Group | Energy Technology and Efficiency Products | Investment Date: 2006

- Matrix is a wholly-owned subsidiary of Alliance and is a leading provider of safety and productivity technology for mining and industrial applications, with patents in proximity detection, tracking, and communications technologies
- Comprehensive hardware and software platform supported by 225+ technical employees serving domestic and international markets
- Leveraging our 2022 strategic investment in Infinitum through a joint development agreement that enables the application of their electric motor and traction drive technologies to improve the performance, efficiency, and durability of key underground mining equipment



Bitiki | Digital Asset Technology Company | Investment Date: 2020

- Bitiki is a digital asset technology company engaged in crypto-mining activities as a bitcoin mining project to monetize underutilized electricity load at our coal operations
- As of March 31, 2025, we own 3,760 active miners and hosted 1,050 third-party machines for a fee
- We held 512.6 bitcoin valued at approximately \$42.3 million as of March 31, 2025



Gavin Generation | Power Infrastructure | Investment Date: 2025

- In February 2025, Alliance committed up to \$25 million for a minority limited partner interest in Gavin Generation, a private equity-sponsored vehicle that plans to invest in a joint venture company that will indirectly acquire and operate a coal-fired power plant
- Investment offers compelling entry into critical Eastern U.S. power asset expected to benefit from favorable market fundamentals and offers potential to generate accretive cash-on-cash returns
- As of May 16, 2025, we have not funded any portion of our capital commitment

Source: Company Reports

Business Overview

The Partnership operates in four business segments: Illinois Basin Coal Operations, Appalachia Coal Operation, Oil and Gas Royalties, and Coal Royalties.

Coal Mines and Facilities

ARLP is the second-largest coal producer in the eastern U.S and produces a wide variety of coal that cater to the specific needs of a diverse set of customers. ARLP's coal properties are in the Illinois Basin and the Appalachia Basin. Mining operations on these properties consist of underground mines that produce bituminous coal intended primarily for use in electric power generation (thermal) and steel production (metallurgical). In addition, to mining, the Partnership also holds and leases/subleases coal mineral interests. In 2024, the Partnership had substantial coal reserves as seen in Exhibit 5 and Exhibit 6.

Exhibit 5: ARLP Coal Operations - Mineral Resources as of December 31, 2024

Resources (tons in millions)	Heat Content (Btu's per pound)	Pound: SO ₂ per MMBtu			Resource Classification				Ownership		Total
		<1.2	1.2-1.5	>2.5	Measured	Indicated	Combined	Inferred	Owned	Leased	
Illinois Basin											
Dotiki (KY)	12,100	—	2.4	73.6	51.2	24.8	76.0	—	27.5	48.5	76.0
Henderson/Union (KY)	11,400	—	3.0	411.4	128.3	228.4	356.7	57.7	74.5	339.9	414.4
River View (KY)	11,400	—	—	0.3	—	—	—	0.3	—	0.3	0.3
Sebree South (KY)	11,750	—	—	43.5	22.1	16.8	38.9	4.6	0.3	43.2	43.5
Gibson South (IN)	11,500	—	—	4.3	2.1	2.2	4.3	—	2.3	2.0	4.3
Hamilton County (IL)	11,650	5.2	36.9	404.4	216.9	226.7	443.6	2.9	45.2	401.3	446.5
Region Total		5.2	42.3	937.5	420.6	498.9	919.5	65.5	149.8	835.2	985.0
Appalachian Basin											
Mountain View (WV)	13,200	—	0.4	8.3	4.1	4.4	8.5	0.2	1.8	6.9	8.7
Tunnel Ridge (WV)	12,600	—	—	0.9	—	0.2	0.2	0.7	0.7	0.2	0.9
Penn Ridge (PA)	12,500	—	—	78.0	21.9	53.2	75.1	2.9	78.0	—	78.0
Region Total		—	0.4	87.2	26.0	57.8	83.8	3.8	80.5	7.1	87.6
Total		5.2	42.7	1,024.7	446.6	556.7	1,003.3	69.3	230.3	842.3	1,072.6
% of Total		0.5%	4.0%	95.5%	41.6%	51.9%	93.5%	6.5%	21.5%	78.5%	100.0%
(1)	Combined resources are defined as measured plus indicated resources.										

Source: Company Reports

Exhibit 6: ARLP Coal Operation - Mineral Reserves as of December 31, 2024

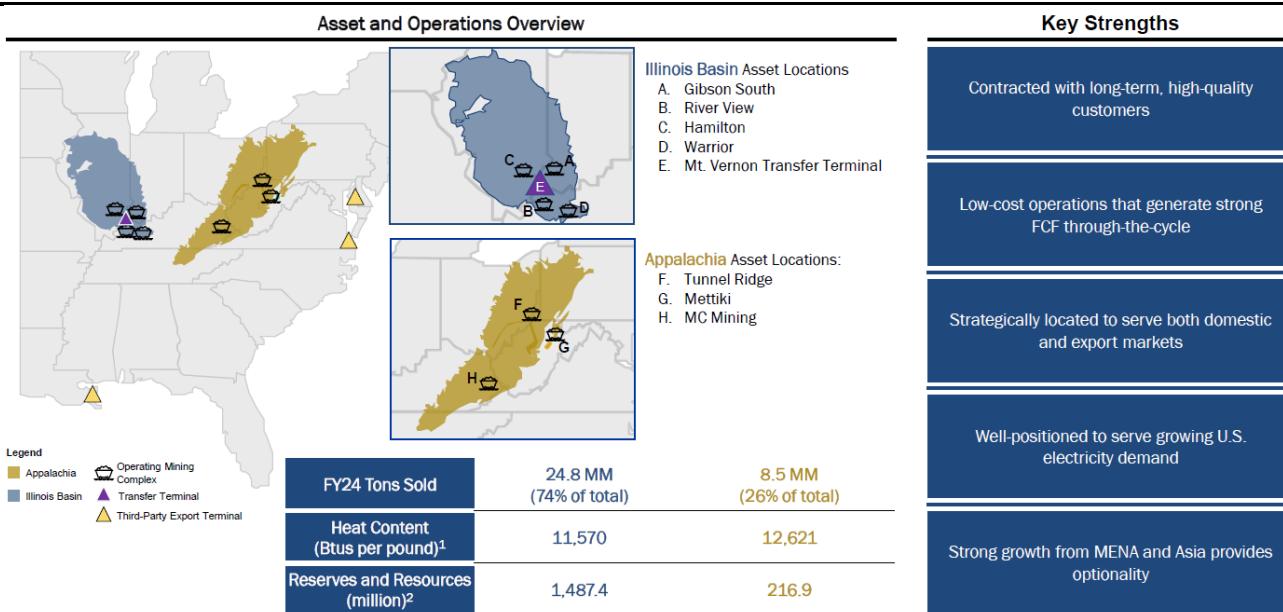
Reserves (tons in millions)	Heat Content (Btu's per pound)	Pound: SO ₂ per MMBtu			Classification		Ownership		Total
		<1.2	1.2-1.5	>2.5	Proven	Probable	Owned	Leased	
Illinois Basin Operations									
Warrior (KY)	12,300	—	—	45.1	34.9	10.2	11.5	33.6	45.1
River View (KY)	11,400	—	—	303.5	169.8	133.7	55.5	248.0	303.5
Hamilton County (IL)	11,650	—	—	113.8	54.9	58.9	8.2	105.6	113.8
Gibson South (IN)	11,500	0.9	7.6	31.5	32.9	7.1	11.7	28.3	40.0
Region Total		0.9	7.6	493.9	292.5	209.9	86.9	415.5	502.4
Appalachian Basin Operations									
MC Mining (KY)	12,800	9.2	0.4	—	8.9	0.7	—	9.6	9.6
Mountain View (WV)	13,200	—	4.7	4.0	8.4	0.3	—	8.7	8.7
Tunnel Ridge (WV)	12,600	—	—	111.0	60.4	50.6	11.7	99.3	111.0
Region Total		9.2	5.1	115.0	77.7	51.6	11.7	117.6	129.3
Total		10.1	12.7	608.9	370.2	261.5	98.6	533.1	631.7
% of Total		1.6%	2.0%	96.4%	58.6%	41.4%	15.6%	84.4%	100.0%

Source: Company Reports

Total coal sold in 2024 consisted of ~20.4% low-sulfur coal, ~47.4% medium-sulfur coal, and 32.3% high-sulfur coal. In 2023, nearly 80.3% (2023: 80.9%) of tons sold were to United States electric utilities, while international buyers purchased 17.3% (2023: 15.7%) through brokered transactions.

The Partnership produces a wide range of thermal and metallurgical coal that has varied sulfur and heat contents to cater to the specifications laid down by customers. In 2024, approximately 80.3% of the tons sold were to domestic electric utilities, while 17.3% were purchased by international markets through brokered transactions. The rest went to third-party resellers and industrial consumers.

Exhibit 7: Location of Coal Mining Operations



Source: Company Reports

Illinois Basin

The Illinois basin properties are in western Kentucky, southern Illinois, and southern Indiana.

The basin has four active mining complexes.

Gibson Complex is in Gibson County, Indiana. It is an underground mine and uses continuous mining units that use room-and-pillar mining techniques to generate low/medium-sulfur coal. The preparation plant has a capacity of 1,800 tons of raw coal per hour, and the production is shipped directly to customers or the Mt. Vernon Transfer Terminal trans-loading facility for barge delivery.

Hamilton Complex is in Hamilton County, Illinois. The mine is an underground long wall mine that produces medium/high-sulfur coal. The preparation plant has a throughput capacity of 2,000 tons of raw coal per hour. The Partnership acquired complete control and ownership of the mine in 2015. Production is shipped directly to customers or the Mt. Vernon Transfer Terminal trans-loading facility for barge delivery.

River View Complex is in Union County, Kentucky. The mine is the largest room-and-pillar coal mine in the U.S. The mine began production in 2009 and uses continuous mining units to produce medium/high-sulfur coal. The preparation plant has a throughput capacity of 2,700 tons of raw coal per hour. Coal is transported by overland belt to a barge loading facility on the Ohio River.

Warrior Complex operates an underground mining complex located near Madisonville in Hopkins County, Kentucky. The complex opened in 1985 and was acquired by ARLP in February 2023. The mine uses continuous mining units employing a room-and-pillar mining technique to produce medium/high sulfur coal. The preparation plant has a throughput capacity of 1,200 tons of raw coal per hour. Production is shipped directly to customers or the Mt. Vernon Transfer Terminal trans-loading facility for barge delivery.

Mt. Vernon Transfer Terminal is a coal-loading terminal on the Ohio River at Mt. Vernon, Indiana, operated by the Partnership's subsidiary Mt. Vernon which leases land and operates the facility. The coal is delivered to the location by both rail and truck. It has a capacity of 8.0 million tons per year, with a storage capacity of nearly 200,000 tons. In 2021, the terminal loaded approximately 1.4 million tons for Gibson County Coal and Hamilton customers.

Appalachian Basin

The Appalachian properties are in northern west Virginia, Maryland, western Pennsylvania and eastern Kentucky. The Partnership operates three mining complexes in the region.

Tunnel Ridge Complex is an underground longwall mine located in West Virginia. Operations at the mine began in May 2012. The preparation plant has a capacity of 2,000 tons of raw coal per hour. The coal produced is a medium/high-sulfur coal that is transported directly through a conveyor belt to a barge loading facility on the Ohio River.

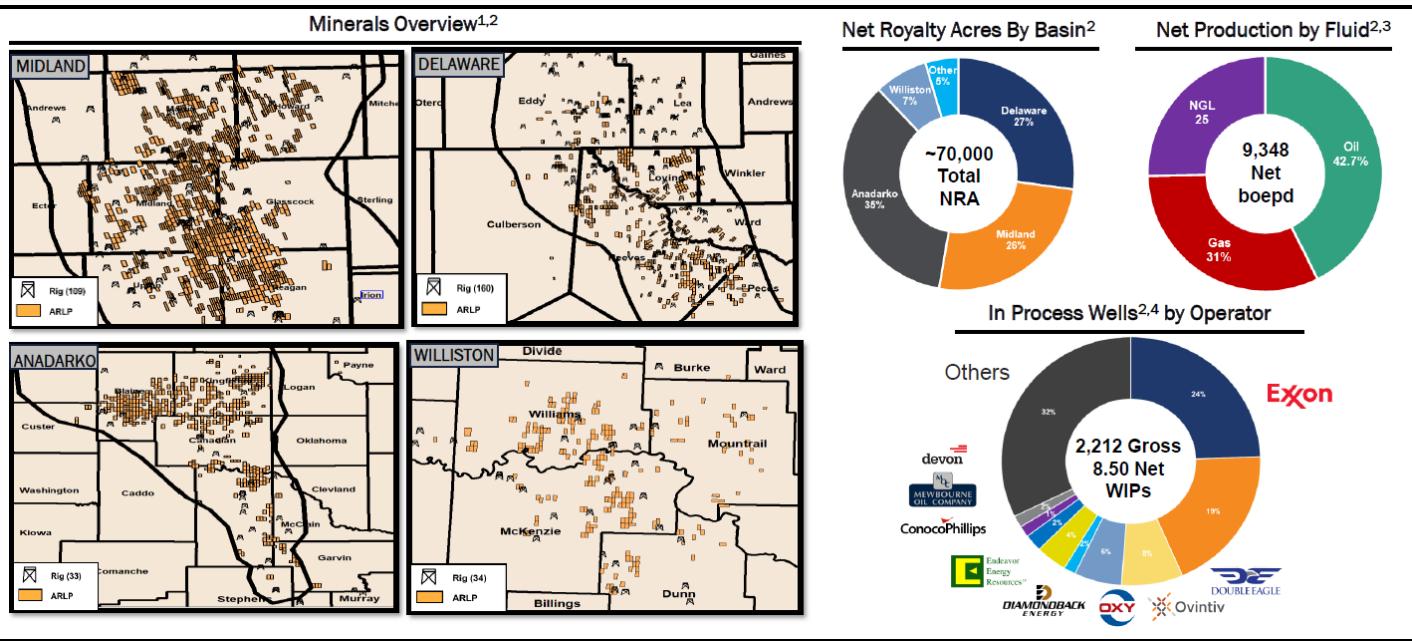
Mettiki Complex consists of two properties: the Mountain View mine located in Tucker County, West Virginia, and a preparation plant located in Garrett County, Maryland. The Mountain View mine produces medium-sulfur coal and is shipped to the Mettiki (MD) preparation plant for processing for the metallurgical coal market or to the coal blending facility at the Virginia Electric and Power Company Mt. Storm Power Station. The preparation plant has a throughput capacity of 1,350 tons of raw coal per hour.

MC Mining Complex, located in Pike County, Kentucky, was acquired by ARLP in 1989. The development of mine five was completed in July 2020. The mine uses continuous mining units using room-and-pillar mining techniques to produce low-sulfur coal and has a throughput capacity of 1,000 tons of raw coal per hour. The coal produced at MC Mining in 2021 met or exceeded the compliance requirements of Phase II of the Federal Clean Air Act.

Oil and Gas Mineral Interests

ARLP's oil & gas mineral interests are primarily located on private islands in three basins, including Permian (Delaware and Midland), Anadarko (SCOOP/STACK), and Williston (Bakken) Basins.

Exhibit 8: ARLP's Oil & Gas Mineral Interests



The Partnership's developed and undeveloped net acres are standardized to a 1/8th royalty, equate to nearly 70,036 oil & gas net royalty acres, which also includes 3,964 oil & gas net royalty acres owned through equity interest in AllDale III.

Exhibit 9: ARLP Net Proved Oil & Gas Reserves

	As of December 31, 2024			
	Crude Oil (MBbl)	Natural Gas (MMcf)	Natural Gas Liquids (MBbl)	Total (MBOE) (2)
Estimated proved developed reserves	8,301	51,088	6,415	23,231
Estimated proved undeveloped reserves	1,282	4,932	728	2,832
Total estimated proved reserves (1)	9,583	56,020	7,143	26,063

(1) Proved reserves of approximately 1,879 MBOE were attributable to noncontrolling interests as of December 31, 2024.

(2) Natural gas reserve volumes are converted to BOE based on a 6:1 ratio: 6 Mcf of natural gas converts to one BOE.

Source: Company Reports

Furthermore, when the Partnership leases its interests, it receives a lease bonus (upfront cash payment) and a mineral royalty that entitles it to receive a fixed percentage of the revenue or production from the oil & gas produced from the acreage underlying its interests, free of lease operating expenses and capital costs. The Partnership is actively investing in oil & gas mineral interests in premier oil-rich basins. The primary Oil and Gas interests of the Partnership are:

Permian Basin—Delaware and Midland Basins ranges from West Texas into southeastern New Mexico and is the most active area for horizontal drilling in the U.S. The basin is further divided into the Delaware Basin in the west and the Midland Basin in the east. The Partnership has multiple producing zones of horizontal economic development including Wolfcamp, Spraberry, and Bone Spring formations. ARLP recently purchased acreage in the Permian Basin through Boulders Acquisition, reiterating its commitment to acquiring strategic properties in the highest growth oil & gas plays.

Anadarko Basin—SCOOP and STACK Plays – The South-Central Oklahoma Oil Province is located in central Oklahoma in Grady, Garvin, Stephens, and McClain Counties that contains multiple producing zones of horizontal economic development including numerous Woodford benches and the Springer Shale. Other formations in the area attract operator interest, including the Sycamore, Caney, and Osage, also known as SCORE (Sycamore Caney Osage Resource Expansion). On the other hand, the STACK play (Sooner Trend, Anadarko Basin, Canadian, and Kingfisher Counties) is located in central Oklahoma in Kingfisher, Canadian, Caddo, and Blaine Counties that include multiple producing zones of horizontal economic development including but not limited to the Meramec and Woodford formations.

Williston Basin—Bakken extends from western North Dakota into eastern Montana and includes multiple producing zones of horizontal economic development including the Bakken and Three Forks formations.

Exhibit 10: ARLP Oil & Gas Mineral Interests – Acreage Concentration

Basin	Developed Acreage			Undeveloped Acreage		
	Gross	Net Mineral	Net Royalty	Gross	Net Mineral	Net Royalty
Permian Basin	400,436	12,058	16,293	505,643	15,226	20,570
Anadarko Basin	155,637	5,608	7,936	320,348	11,543	16,374
Williston Basin	123,877	2,047	2,711	114,013	1,884	2,501
Other	22,001	802	1,035	43,536	1,587	1,943
Total	701,951	20,515	27,975	983,540	30,240	41,388

Source: Company Reports

Other interests include mineral interests owned in the Appalachia Basin comprising Ohio, West Virginia, and Pennsylvania. In the Appalachia Basin, the most prominent plays include the Marcellus Shale, and Utica plays, covering most of Pennsylvania, northern West Virginia, and eastern Ohio. The Partnership also holds interests in the Tuscaloosa Marine Shale play in Mississippi and Haynesville Shale formation located in northwest Louisiana.

Coal Royalties

ARLP leases its reserves and resources to its mining complexes under long-term leases. Nearly two-thirds of the royalty-based leases have initial terms of five to 40 years, with the option to extend the lease for additional terms. ARLP grants lessees the right to mine and sell in exchange for royalty payments based on a percentage of the sale price or a fixed royalty per ton of coal mined and sold. The lessee is also responsible for providing information about the tons of coal mined and sold, the sales price of extracted coal, and calculating royalty payments.

End Markets & Customer Base

The Partnership has an established customer base that it acquired through existing business relationships or participation in a bidding process. The Partnership enters into long-term supply agreements with many of its customers, which allow the Partnership to predict its sales volume and prices. In 2024, approximately 83.6% and 87.7% of ARLP's sales tonnage and total coal sales, respectively were sold under long-term agreements with committed term expirations ranging from 2025 to 2030.

In 2024, the Partnership's most significant customers were American Electric Power Louisville Gas and Electric Company, and Tennessee Valley Authority. Each of these companies accounted for more than 10% of revenue. Furthermore, ARLP sells indirectly (through brokered transactions) to the international market, including end-users in Europe, Africa, Asia, North America, and South America. During the years December 31, 2024, 2023, and 2022, export tons represented approximately 17.3%, 15.7%, and 12.5% of tons sold, respectively.

In 2014, the Partnership began investing in oil & gas mineral interests in some of the most important oil-rich basins. However, in 2019 ARLP turned into an active and material participant from a passive investor in oil and gas minerals. The Partnership is adding acreage to its existing interests and aims to become a significant participant in the nation's highest growth oil & gas plays.

BALANCE SHEET

Alliance Resource Partners, L.P. (NASDAQ: ARLP)													
Consolidated Balance Sheets (in millions \$)													
Fiscal Year: December													
ASSETS	FY 2020	FY 2021	FY 2022	Q1 Mar-23	Q2 Jun-23	Q3 Sep-23	Q4 Dec-23	FY 2023	Q1 Mar-24	Q2 Jun-24	Q3 Sep-24	Q4 Dec-24	FY 2024
Current Assets													
Cash & cash equivalents	55.6	122.4	296.0	271.3	284.9	197.2	59.8	59.8	134.0	203.7	195.4	137.0	81.3
Trade receivables, net	104.6	129.5	238.6	266.3	213.8	220.1	282.6	282.6	272.2	226.4	198.6	166.8	177.5
Other receivables	3.5	0.7	8.6	9.9	11.7	13.9	9.7	9.7	9.2	9.7	10.0	10.2	10.2
Inventories, net	56.4	60.3	77.3	108.6	128.9	135.9	127.6	127.6	162.2	196.2	177.5	120.7	138.8
Advance royalties	4.2	5.0	7.6	5.8	5.8	7.8	7.8	7.8	6.2	6.2	6.2	11.4	10.3
Prepaid expenses & other assets	21.6	21.4	26.7	19.3	18.8	15.0	28.7	28.7	47.2	42.8	38.7	67.2	58.5
Total Current Assets	245.8	339.2	654.8	681.3	663.9	587.9	516.1	516.1	630.9	685.0	626.5	513.2	513.2
Property, plant and equipment, net	1,800.2	1,698.7	1,816.9	1,909.3	1,928.2	1,981.5	2,022.7	2,022.7	2,079.7	2,110.1	2,161.6	2,166.3	2,166.3
Advance royalties	56.8	63.5	67.7	75.3	74.5	73.8	71.1	71.1	78.9	77.5	76.3	70.3	77.8
Equity method investments	27.3	26.3	49.4	48.9	46.8	45.0	46.5	46.5	45.7	45.1	36.9	35.5	33.6
Goodwill	4.4	4.4	42.0	42.0	42.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	67.5
Debt Securities	-	-	-	-	-	-	-	-	-	-	-	-	13.0
Operating lease rights of use assets	15.0	14.2	15.0	15.9	17.6	17.2	16.6	16.6	16.4	16.7	16.1	15.9	15.9
Other long-term assets	16.6	13.1	15.7	15.0	14.9	16.1	22.9	22.9	21.7	26.0	22.2	22.0	25.4
Total Assets	2,166.0	2,159.4	2,661.5	2,787.7	2,787.9	2,814.0	2,788.4	2,788.4	2,965.8	3,052.9	3,032.2	2,915.7	2,915.7
LIABILITIES AND STOCKHOLDERS' EQUITY													
Current Liabilities													
Accounts payable	47.5	69.6	95.1	115.1	109.1	116.8	108.3	108.3	107.6	131.5	115.7	98.2	104.5
Accrued taxes other than income taxes	25.1	17.8	23.0	23.6	22.9	22.5	21.0	21.0	21.4	22.3	21.3	21.1	21.6
Accrued payroll and related expenses	28.5	36.8	39.6	33.8	35.2	40.8	29.9	29.9	27.3	31.6	32.7	26.9	26.3
Accrued interest	5.1	5.0	5.0	13.0	4.3	10.6	3.6	3.6	9.1	1.8	10.6	1.8	10.4
Workers' compensation and pneumoconiosis benefit	10.6	12.3	14.1	14.1	14.1	14.1	15.9	15.9	15.9	15.9	15.8	14.8	14.8
Current finance lease obligations	0.8	0.8	-	-	-	-	-	-	-	-	-	-	-
Current operating lease obligations	1.9	1.8	-	-	-	-	-	-	-	-	-	-	-
Other current liabilities	21.9	17.4	53.8	51.7	24.4	30.7	28.5	28.5	46.3	46.1	46.7	48.0	46.5
Current maturities, long-term debt, net	73.2	16.1	25.0	22.2	37.8	38.6	20.3	20.3	76.4	22.0	22.3	22.3	22.8
Total Current Liabilities	214.6	177.6	255.6	273.5	247.8	274.1	227.5	227.5	304.0	271.2	265.2	233.1	233.1
Long-Term Liabilities													
Long-term debt, excluding current maturities, net	519.4	418.9	397.2	436.7	379.4	321.2	316.8	316.8	354.6	462.0	456.3	450.9	450.9
Pneumoconiosis benefits	105.1	107.6	100.1	100.8	101.6	102.2	127.2	127.2	128.8	130.2	131.7	120.2	121.6
Accrued pension benefit	47.0	25.6	12.6	12.3	12.0	11.8	8.6	8.6	8.1	7.6	7.0	-	-
Workers' compensation	47.5	44.9	39.6	40.1	41.2	41.3	37.3	37.3	36.8	36.5	37.0	37.2	37.8
Asset retirement obligations	121.5	123.5	142.3	143.0	143.6	143.7	146.9	146.9	147.8	148.3	148.8	155.2	156.1
Long-term finance lease obligations	1.5	0.6	-	13.4	14.6	14.4	13.7	13.7	13.7	14.1	13.8	13.6	14.3
Long-term operating lease obligations	13.1	12.4	12.1	35.6	35.4	34.3	33.5	33.5	33.1	32.8	32.0	29.4	28.8
Other long-term liabilities	24.1	22.3	60.6	25.3	25.6	18.1	18.4	18.4	17.5	16.2	15.2	22.7	20.8
Total Long-Term Liabilities	879.1	755.8	764.4	807.1	753.4	687.0	702.4	702.4	740.4	847.7	841.9	829.1	829.1
Partners' Capital:													
ARLP Partners' Capital:													
Limited Partners - Common Unitholders	1,148.6	1,279.2	1,656.0	1,721.9	1,801.7	1,867.7	1,896.0	1,896.0	1,958.4	1,970.8	1,962.0	1,867.9	1,845.8
Accumulated other comprehensive loss	(87.7)	(64.2)	(41.1)	(40.5)	(39.9)	(39.4)	(61.5)	(61.5)	(60.6)	(59.6)	(58.6)	(35.1)	(34.8)
Total ARLP Partners' Capital	1,060.9	1,215.0	1,615.0	1,681.4	1,761.8	1,828.4	1,834.5	1,834.5	1,897.8	1,911.1	1,903.4	1,832.7	1,832.7
Non-controlling interest	11.4	11.1	26.5	25.7	25.0	24.6	24.1	24.1	23.6	23.0	21.8	20.8	20.5
Total Partners' Capital	1,072.3	1,226.1	1,641.5	1,707.2	1,786.8	1,852.9	1,858.6	1,858.6	1,921.4	1,934.1	1,925.1	1,853.5	1,831.5
Total Liabilities and Partners' Capital	2,166.0	2,159.4	2,661.5	2,787.7	2,787.9	2,814.0	2,788.4	2,788.4	2,965.8	3,052.9	3,032.2	2,915.7	2,915.7
Ratios													
Liquidity													
Current Ratio	1.1x	1.9x	2.6x	2.5x	2.7x	2.1x	2.3x	2.3x	2.1x	2.5x	2.4x	2.2x	1.9x
Quick Ratio	0.7x	1.4x	2.1x	2.0x	2.0x	1.5x	1.5x	1.5x	1.3x	1.6x	1.5x	1.3x	1.0x
Working Capital	31.2	161.7	399.2	407.8	416.2	313.8	288.7	288.7	327.0	413.9	361.4	280.1	229.6
Leverage													
Debt To Equity	57.5%	37.1%	26.9%	30.2%	26.5%	22.3%	20.9%	20.9%	25.2%	27.8%	27.6%	28.2%	26.6%
Debt To Capital	36.5%	27.1%	21.2%	23.2%	21.0%	18.3%	17.3%	17.3%	20.1%	21.7%	21.6%	22.0%	21.0%
Capital Usage - Annualized													
A/R Turns	10.0x	13.4x	13.1x	10.5x	10.7x	11.7x	10.0x	9.8x	9.4x	9.5x	11.5x	12.9x	10.9x
Inv Turns	11.2x	17.5x	20.4x	15.9x	12.4x	11.6x	12.9x	15.1x	11.1x	8.7x	8.9x	12.0x	13.3x
A/P Turns	13.8x	17.4x	17.0x	14.0x	13.2x	13.7x	15.1x	15.2x	15.0x	13.0x	13.5x	16.7x	16.0x

Source: Company Reports, Stonegate Capital Markets

INCOME STATEMENT

Alliance Resource Partners, L.P. (NASDAQ: ARLP)														
Consolidated Statements of Income (in \$M, except per share amounts)														
Fiscal Year: December														
	FY 2020	FY 2021	FY 2022	FY 2023	Q1 Mar-24	Q2 Jun-24	Q3 Sep-24	Q4 Dec-24	FY 2024	Q1 Mar-25	Q2 Jun-25	Q3 Sep-25	Q4 E Dec-25	FY 2025E
Revenues					\$ 651.7	\$ 593.3	\$ 613.6	\$ 590.1	\$ 2,448.7	\$ 540.5	\$ 547.5	\$ 571.4	\$ 550.0	\$ 2,215.8
Revenues	\$ 1,328.1	\$ 1,570.0	\$ 2,406.5	\$ 2,566.7										
Total revenues	1,328.1	1,570.0	2,406.5	2,566.7	651.7	593.3	613.6	590.1	2,448.7	540.5	547.5	571.4	550.0	2,215.8
Expenses														
Operating expenses (excl. DD&A)	859.7	943.3	1,286.6	1,368.8	363.9	351.6	384.8	407.1	1,507.4	339.4	346.3	354.6	326.0	1,366.3
Transportation expenses	21.1	69.6	113.9	142.3	30.8	26.7	24.6	30.5	112.6	10.2	8.6	7.7	8.4	34.9
Outside coal purchases	-	6.4	0.2	36.1	9.1	10.6	8.2	7.9	35.8	7.3	7.2	4.5	4.5	23.5
G&A expenses	59.8	70.2	80.3	79.1	22.1	20.6	21.9	17.7	82.2	20.6	20.4	21.4	20.3	82.7
DD&A	313.4	261.4	273.8	268.0	65.5	66.5	73.0	80.5	285.4	68.6	76.3	78.2	78.0	301.2
Asset impairments	25.0	-	-	-	-	-	-	31.1	-	-	-	-	-	-
Goodwill impairments	132.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Total operating expenses	1,411.0	1,350.8	1,748.1	1,894.3	491.4	475.9	512.5	574.7	2,023.4	446.2	458.7	466.4	437.3	1,808.6
Income (loss) from operations	(82.9)	219.2	658.4	672.4	160.3	117.4	101.1	15.3	425.3	94.3	88.7	105.0	112.7	407.2
Inc (loss) from operations - adj(1)	133.1	217.7	659.8	665.1	172.9	115.0	97.4	43.5	397.7	91.3	85.6	107.6	111.8	371.3
Other income (expense):														
Interest expense, net	(45.6)	(39.2)	(37.3)	(36.1)	(7.7)	(9.3)	(9.5)	(8.7)	(35.2)	(8.4)	(9.3)	(11.0)	(10.4)	(39.1)
Interest income	0.1	0.1	2.0	9.4	1.3	2.1	2.2	1.7	7.2	0.9	0.6	0.7	0.7	2.8
Equity method investment income	0.9	2.1	5.6	(1.5)	(0.6)	(0.2)	(2.3)	(1.9)	(5.0)	(2.0)	(1.5)	4.5	0.3	1.2
Change in Fair Value of Digital Assets	-	-	-	-	11.9	(3.7)	0.3	14.0	-	(5.6)	12.9	3.7	-	-
Other income/ (expense)	(1.6)	(3.0)	4.4	(0.6)	(1.0)	(0.7)	0.2	(2.1)	0.6	0.0	(0.1)	(0.1)	0.4	(0.3)
Total other income (expense):	(46.2)	(40.0)	(25.3)	(27.9)	16.1	(15.8)	(9.7)	19.2	(35.0)	(20.1)	(9.5)	1.5	(9.5)	(34.7)
Pre-tax income (loss)	(129.0)	179.2	633.1	644.4	164.5	105.4	91.0	20.6	381.5	79.7	66.4	102.7	103.2	352.0
Provision for taxes (benefit)	0.0	0.4	54.0	8.3	4.9	3.9	4.1	3.0	15.9	4.2	5.3	5.9	5.6	21.0
Net income (loss)	(129.1)	178.8	579.1	636.2	159.6	101.5	86.9	17.6	365.6	75.6	61.0	96.8	97.5	331.0
Less: NI due to non-controlling interest	0.2	0.6	2.0	6.1	1.5	1.3	0.6	1.2	4.7	1.6	1.6	1.7	1.0	5.9
Net income (loss) attributable to ARLP	\$ (129.2)	\$ 178.2	\$ 577.2	\$ 630.1	\$ 158.1	\$ 100.2	\$ 86.3	\$ 16.3	\$ 360.9	\$ 74.0	\$ 59.4	\$ 95.1	\$ 96.5	\$ 325.0
Wtd EPU (loss)	\$ (1.02)	\$ 1.36	\$ 4.39	\$ 4.81	\$ 1.21	\$ 0.77	\$ 0.66	\$ 0.12	\$ 2.76	\$ 0.57	\$ 0.46	\$ 0.73	\$ 0.73	\$ 2.49
Basic shares outstanding	127.2	127.2	127.2	127.2	127.7	128.1	128.1	128.1	128.0	128.3	128.4	128.4	128.1	128.3
Diluted shares outstanding	127.2	127.2	127.2	127.2	127.7	128.1	128.1	128.1	128.0	128.3	128.4	128.4	128.1	128.3
EBITDA (1) (2)	229.7	479.1	940.2	933.1	235.0	177.7	170.7	106.8	690.2	154.4	149.8	189.6	189.8	683.5
EBITDA - adjusted (1) (3)	446.5	479.1	933.6	933.1	238.4	181.4	170.4	124.0	683.1	159.9	161.9	185.8	189.8	672.5
Margin Analysis														
Operating margin	-6.2%	14.0%	27.4%	26.2%	24.6%	19.8%	16.5%	2.6%	17.4%	17.4%	16.2%	18.4%	20.5%	18.4%
Operating margin - adjusted	10.0%	13.9%	27.4%	25.9%	26.5%	19.4%	15.9%	7.4%	16.2%	16.9%	15.6%	18.8%	20.3%	16.8%
EBITDA margin	17.3%	30.5%	39.1%	36.4%	36.1%	29.9%	27.8%	18.1%	28.2%	28.6%	27.4%	33.2%	34.5%	30.8%
EBITDA - adjusted margin	33.6%	30.5%	38.8%	36.4%	36.6%	30.6%	27.8%	21.0%	27.9%	29.6%	29.6%	32.5%	34.5%	30.4%
Pre-tax margin	-9.7%	11.4%	26.3%	25.1%	25.2%	17.8%	14.8%	3.5%	15.6%	14.8%	12.1%	18.0%	18.8%	15.9%
Net income margin	-9.7%	11.3%	24.0%	24.5%	24.3%	16.9%	14.1%	2.8%	14.7%	13.7%	10.9%	16.6%	17.6%	14.7%
Adjusted net income margin	2.1%	11.3%	23.7%	24.5%	24.8%	17.5%	14.0%	5.7%	15.7%	14.7%	13.1%	16.0%	17.6%	15.3%
Tax rate	0.0%	0.2%	8.5%	1.3%	3.0%	3.7%	4.5%	14.6%	4.2%	5.2%	8.1%	5.7%	5.5%	6.0%
Growth Rate Analysis V/Y														
Total revenues	-32.3%	18.2%	53.3%	6.7%	-1.7%	-7.6%	-3.6%	-5.6%	-4.6%	-17.1%	-7.7%	-6.9%	-6.8%	-9.5%
Operating income	-131.9%	364.6%	200.4%	2.1%	-22.7%	-36.2%	-38.9%	-86.7%	-36.8%	-41.2%	-24.4%	3.9%	634.4%	-4.3%
Operating income - adjusted	-54.1%	63.6%	203.1%	0.8%	-15.8%	-36.3%	-39.9%	-62.8%	-40.2%	-47.2%	-25.6%	10.4%	157.1%	-6.6%
EBITDA	-69.5%	108.6%	96.3%	-0.8%	-13.2%	-28.7%	-25.0%	-42.4%	-26.0%	-34.3%	-15.7%	11.0%	77.8%	-1.0%
EBITDA - adjusted	-25.5%	7.3%	94.9%	-0.1%	-12.0%	-27.2%	-25.1%	-33.1%	-26.8%	-32.9%	-10.8%	9.0%	53.1%	-1.5%
Pre-tax income	-131.7%	238.9%	253.4%	1.8%	-16.5%	-39.9%	-42.7%	-81.9%	-40.8%	-51.5%	-37.0%	12.8%	401.6%	-7.7%
EPU	-133.1%	234.2%	221.8%	9.6%	-16.8%	-40.4%	-44.1%	-86.4%	-42.7%	-52.8%	-40.8%	11.3%	511.9%	-9.6%
EPU - adjusted	-88.5%	541.0%	220.2%	10.4%	-15.8%	-39.2%	-44.5%	-71.2%	-39.3%	-51.0%	-31.4%	6.0%	188.2%	-12.2%

(1) Adjusted numbers exclude 1x items as defined by ARLP

(2) EBITDA defined as net income attributable to ARLP before net interest expense, income taxes and DD&A

(3) Adjusted EBITDA excludes 1x items as defined by ARLP

Source: Company Reports, Stonegate Capital Markets estimates

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